

UP-ENERGY
Top LED Strip Light



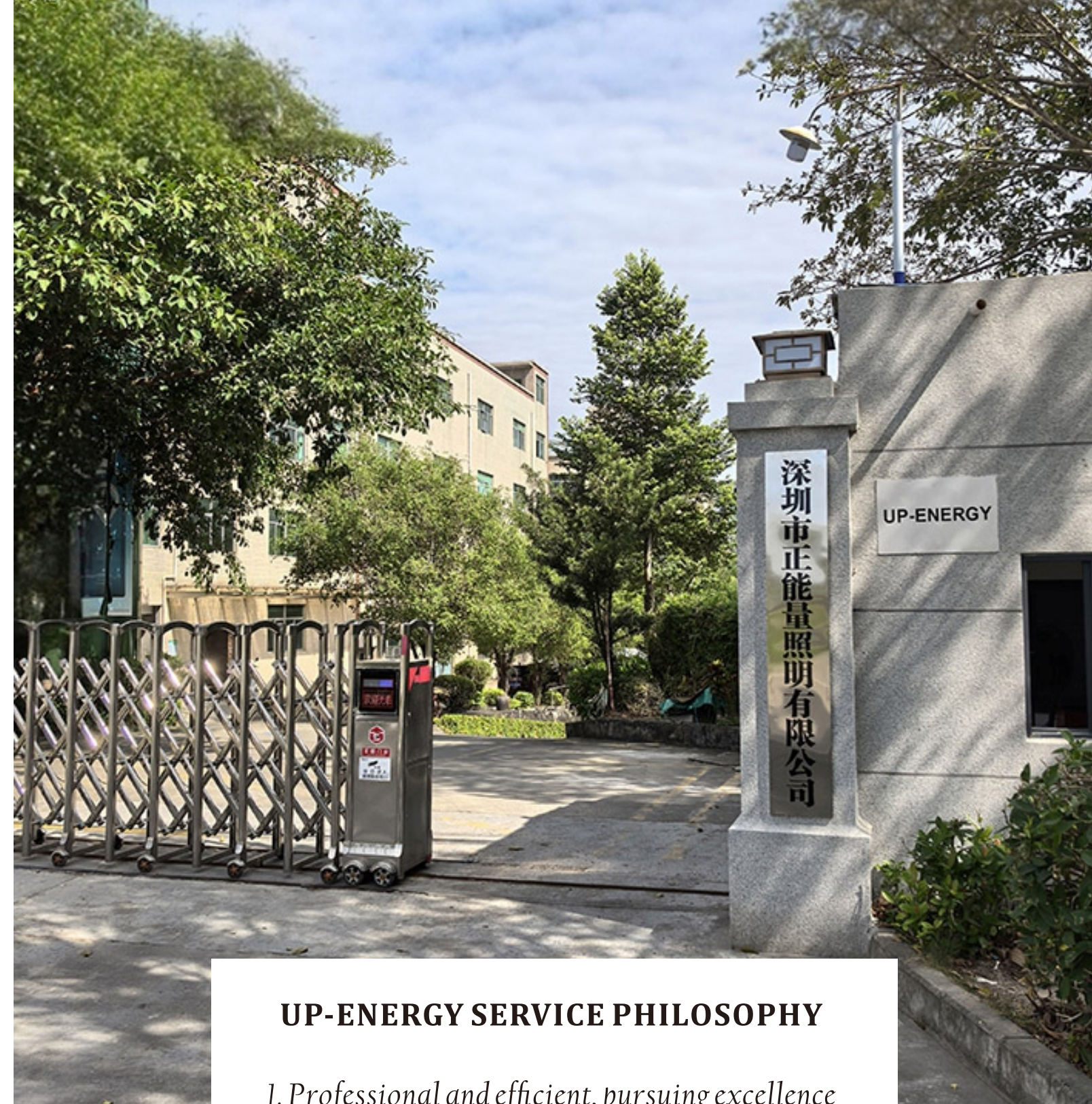
 **LUMILEDS**

OSRAM

 **bridgelux**

LED Strip Manufacturer

Catalogue 2025



UP-ENERGY SERVICE PHILOSOPHY

- 1. Professional and efficient, pursuing excellence*
- 2. Integrity based, win-win cooperation*
- 3. Continuous improvement and innovation*
- 4. Pay attention to details and experience*
- 5. Grateful feedback, give back to society*

COMPANY INTRODUCTION

Shenzhen Up-energy Lighting Co., Ltd. is a premier manufacturer and supplier of state-of-the-art LED lighting solutions since 2012. Our innovation-driven approach and customer-focused philosophy have established us as an industry leader in the global LED market.

Our product portfolio includes premium LED strips featuring Osram, Samsung, Lumiled, and Bridgelux brand LEDs, as well as specialized COB strips, neon strip lights, sensor switches, and magnet track lights.

Operating under the ISO 9001:2015 international quality standard system, we maintain rigorous quality control as the cornerstone of our business. Our engineering team brings decades of combined expertise in electrical engineering, optics, thermal management, and related fields, ensuring exceptional performance and reliability in every product.

As your manufacturing partner, we prioritize competitive pricing, timely delivery, superior quality, and comprehensive after-sales support. We take pride in our personalized approach, working directly with each client to meet your specific requirements and challenges.

Choose Shenzhen Up-energy Lighting as your trusted partner in China for all your LED lighting needs.

Contact us today: www.up-energy.net

WHY CHOOSE US

Premium LED Partnerships

Access world-class LEDs from industry leaders including OSRAM, Lumileds, SAMSUNG, and Bridgelux—each selected for their unique performance advantages and reliability.

13 Years of Industry Excellence

With over a decade of specialized expertise in LED strip R&D, manufacturing, and distribution, we've built enduring relationships with 50+ companies across 20+ countries, maintaining our commitment to collaborative partnership.

Comprehensive Product Range

- Diverse Chip Options: SMD3528, SMD5050, SMD2835, SMD5630, SMD2216, SMD3014, SMD2110, COB, silicon neon and more
- Performance Features: High CRI, superior efficiency, constant current stability, multi-color capability, pixel control, ultra-narrow designs, and S-shape configurations
- Protection Ratings: IP20, IP65, IP67, and IP68 solutions for every indoor and outdoor application

Industrial-Scale Manufacturing

- Four fully automated SMT production lines
- Four specialized soldering teams
- Comprehensive quality assurance with four aging test stations and two packaging lines
- Team of 30+ skilled technicians
- Monthly capacity of 300,000 meters
- Standard products shipping within 7 days

International Certifications

All products meet rigorous global standards with TÜV Lab certifications including CE-EMC, CE-EMC-UKCA, CE-LVD, Waterproof-IP, RoHS, and ECE R10.

Customization Excellence

Our OEM & ODM services support wholesalers, retailers, and project-specific requirements:

- Precise color matching to ERP or ANSI/CIE standards
- Tight CCT tolerance and one-bin selection ensuring 3-5 SDCM color consistency
- Custom wattage and lumen specifications per meter
- Flexible wire configuration, packaging, branding, and labeling options

Quality Assurance System

- ISO 9001:2015 certified operations
- Comprehensive 5-step quality control: IQC, IPQC, OQC, OE, and QM
- All LEDs feature LM-80 documentation and premium construction with copper frames and 99.99% gold wire

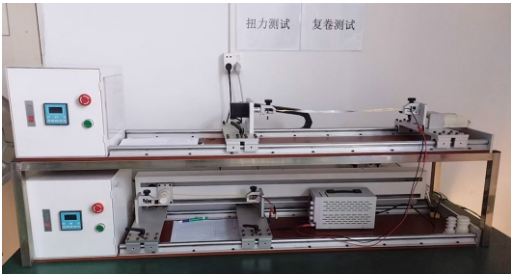
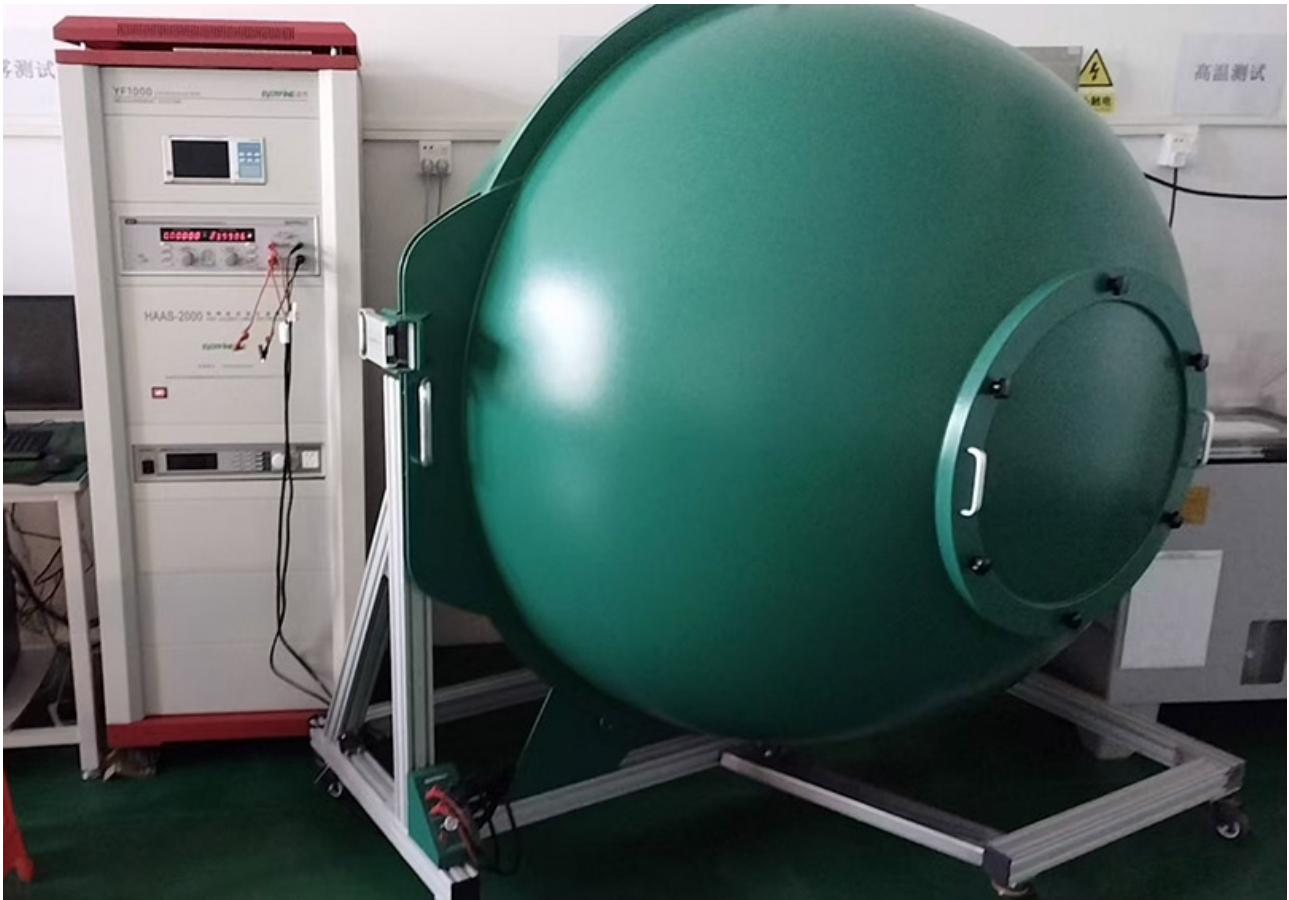
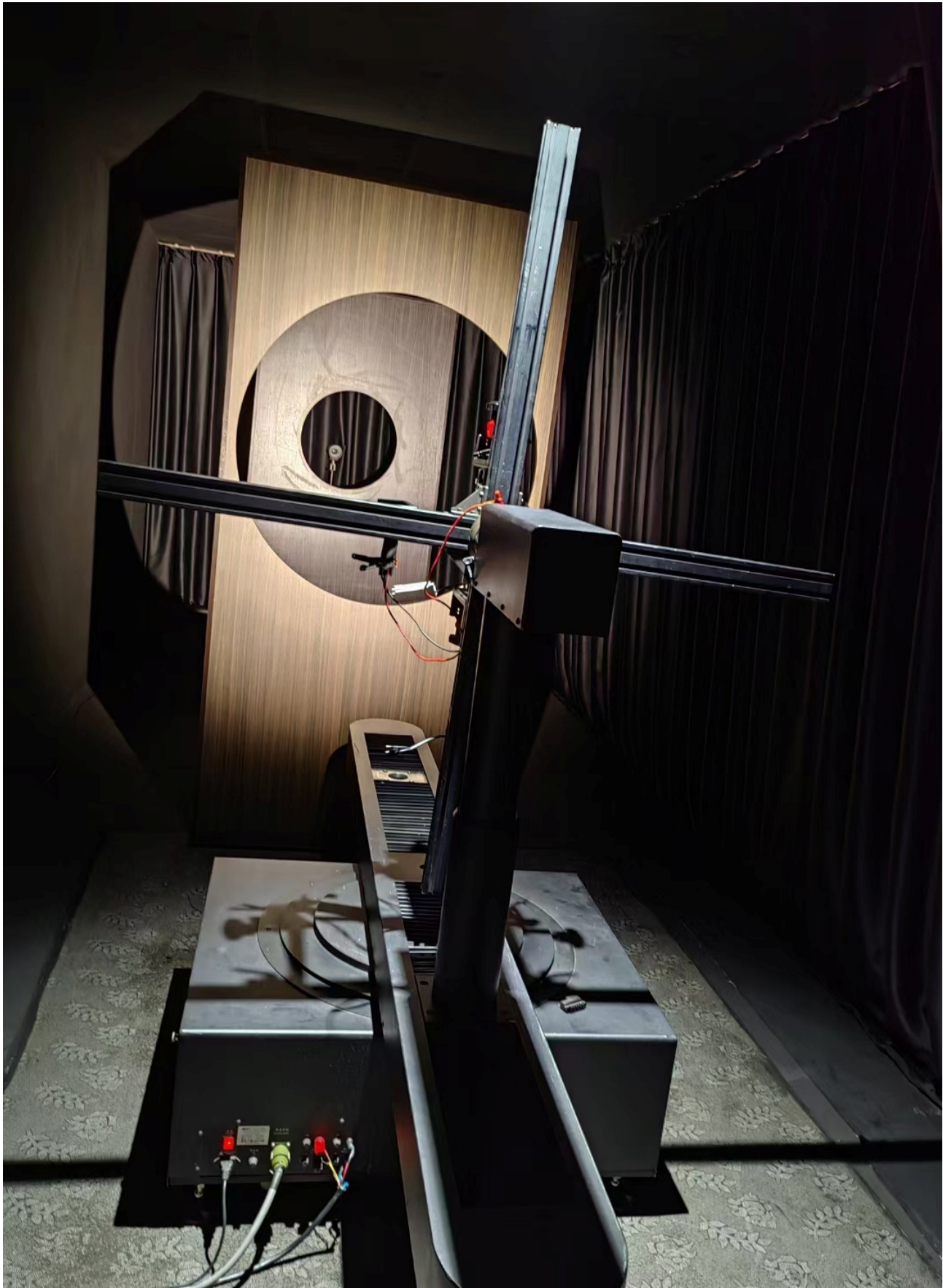
Core Customer Benefits

- Priority access to latest innovations and product developments
- Competitive pricing advantages for loyal partners
- Flexible credit terms for long-term business relationships
- Strategic raw material inventory management for reduced lead times

MANUFACTURE



LABORATORY & INSPECTION



Quality Control

Excellence Through Experience

Our integrated quality management system is led by a dedicated team of R&D specialists, designers, and quality engineers with over 10 years of industry expertise, ensuring exceptional reliability and performance in every LED product we deliver.

Quality Engineering (QE)

- Comprehensive validation of new products, materials, technologies, and design modifications
- Specialized training for quality control teams prior to mass production launch
- Continuous process optimization to eliminate inefficiencies
- Systematic tracking and resolution of production exceptions

Incoming Quality Control (IQC)

- Rigorous testing of all raw materials using advanced equipment
- Comprehensive reliability assessment protocols
- Detailed documentation and reporting of all material evaluations

In-Process Quality Control (IPQC)

- First article inspection at each critical production phase
- Random quality checks throughout manufacturing
- Standardized aging tests during production cycles
- Precision monitoring for product consistency and accuracy
- Immediate identification, documentation, and escalation of quality deviations

Outgoing Quality Control (OQC)

- Final inspection of all finished products against strict standards
- Thorough analysis of any quality concerns with appropriate corrective actions
- Comprehensive performance testing using calibrated instruments

Our multi-layered quality control system ensures that every LED product leaving our facility meets the highest standards of performance, reliability, and durability that our customers deserve.

Premium Supply Chain Partners



Certificate

CE

Attestation of Conformity
No. ESA 091961 0006 Rev. 00

EN 60528

Test Report

Holder of Certificate: Shenzhen Up-energy Lighting Co., Ltd.
Address: 2nd Floor, No. 7 Pabang Road, Shian Community, Honggang Street, Longgang District, 518115, Shenzhen, PEOPLE'S REPUBLIC OF CHINA

Name of Object: Rope Light (LED Strip)

This Attestation of Conformity is based on a voluntary basis according to the Directive 2014/53/EU related to electromagnetic compatibility, in order that the holder of this certificate declares that all awarded requirements of the directive are observed on the technical specifications approved at the time of issuance. It refers only to the particular sample submitted for testing and certification. For details see: www.tuv.sda.com

Test report no.: 051402100001

Date: 2022-02-21

Page 1 of 1
Other relevant European directives have to be observed. If they require CE marking, it may be affixed on the product after preparation of the necessary technical documentation as well as the EU declaration of conformity.

Page 2 of 1
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UK CA

Attestation of Conformity
No. ESAUK 091961 0006 Rev. 00

EN 60528

Test Report

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Name of Object: Rope Light (LED Strip)

This Attestation of Conformity is based on a voluntary basis according to the Electromagnetic Compatibility (EMC) marking requirements of the European Union in order to be placed on the market. It refers only to the particular sample submitted for testing and certification. For details see: www.tuv.sda.com

Test report no.: 051402100001

Date: 2022-02-21

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CE

Attestation of Compliance
No. NSA 091961 0006 Rev. 00

EN 60528

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Address: 2nd Floor, No. 7 Pabang Road, Shian Community, Honggang Street, Longgang District, 518115, Shenzhen, PEOPLE'S REPUBLIC OF CHINA

Product: LED Module (LED Strip)

This Attestation of Compliance is issued on a voluntary basis and confirms the compliance with the latest technical safety standards for electrical equipment below 1000 V AC or 150 V DC, which is based on the voltage values of the Low Voltage Directive (LVD) 2011/65/EU in order to be placed on the market. It refers only to the particular sample submitted for testing and certification. For details see: www.tuv.sda.com

Test report no.: 051402100001

Date: 2022-02-18

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Product: LED Strip

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NSAI

NSAI TYPE APPROVAL CERTIFICATE

EN 60528

Test Report

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Address: 2nd Floor, No. 7 Pabang Road, Shian Community, Honggang Street, Longgang District, 518115, Shenzhen, PEOPLE'S REPUBLIC OF CHINA

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Compliant with standards

ISO9001:2015

EMC:

EN IEC 55015:2019/A11:2020

EN 61547:2009

LVD:

EN IEC 62031:2020

BS EN IEC 62031:2020

IEC TR 62778:2014 (IEC 62471)

ECE R10:

ROHS:

EN 62321-1:2013

EN 62321-2:2014

EN 62321-3-1:2014

EN 62321-8:2017

IP65/67/68:

IEC 60598-1:2014

IEC 60598-1:2014/AMD1:2017

EN 60598-1:2015+A1:2018IP67:

IEC 60598-1:2014

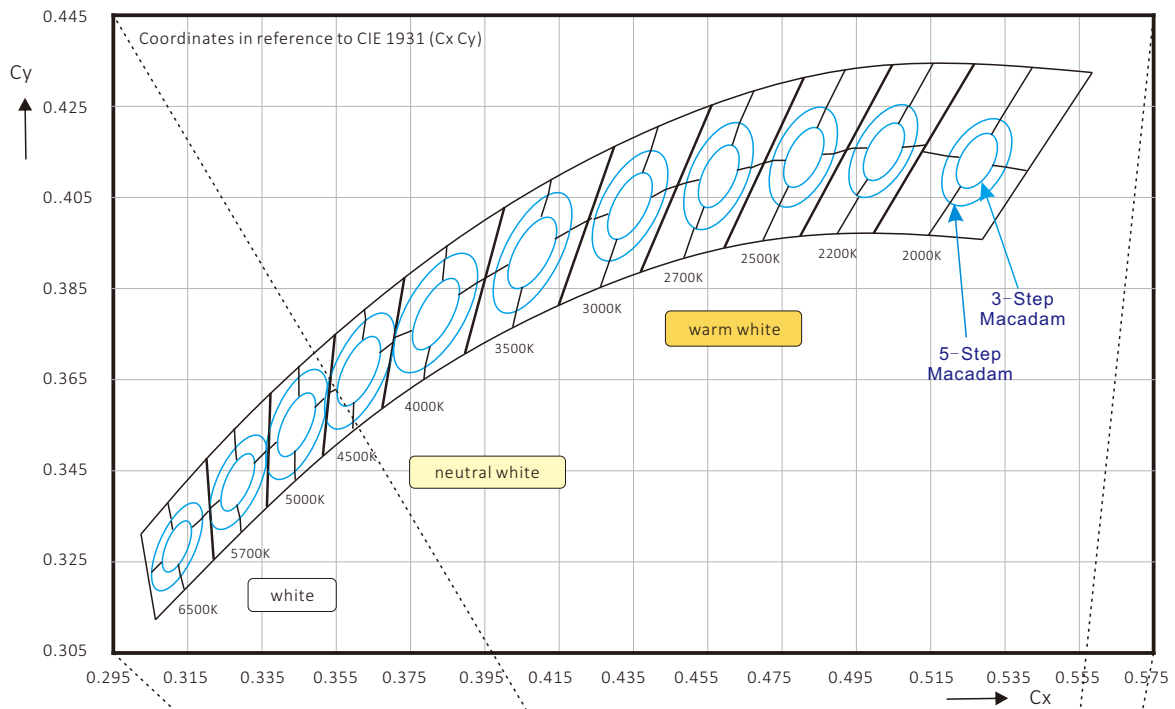
IEC 60598-1:2014/AMD1:2017

EN 60598-1:2015+A1:2018

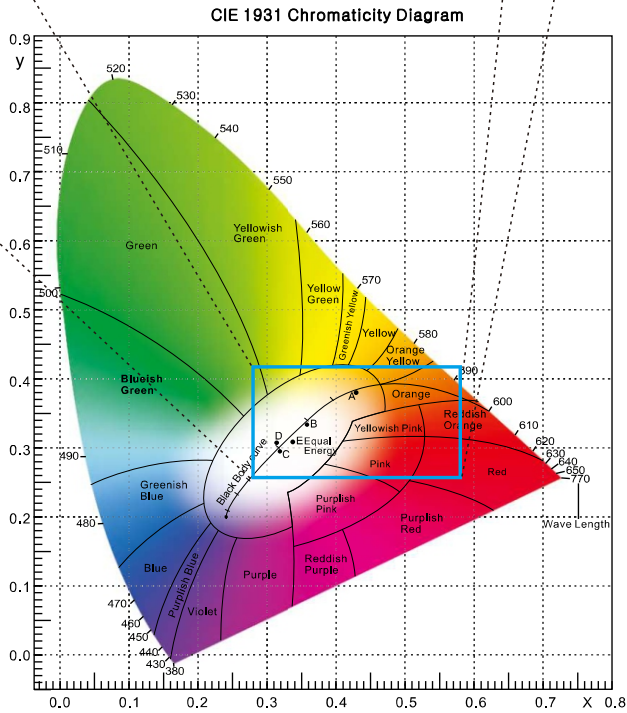
LED BIN

Color Consistency: 3-Step MacAdam

We adopt ANSI C78.377 standard, which is more in line with the requirements of sunlight source, and also in line with the development of LED technology, and the division of color area is more detailed, which is more convenient for customers to use



Nominal CCT Categories		
Nominal CCT	Target CCT and tolerance (K)	Center point x y
2700K	2725 ± 145	0.4578 0.4101
3000K	3045 ± 175	0.4338 0.4030
3500K	3465 ± 245	0.4073 0.3917
4000K	3985 ± 275	0.3818 0.3797
5000K	5028 ± 283	0.3447 0.3553
5700K	5665 ± 355	0.3287 0.3417
6500K	6530 ± 510	0.3123 0.3282

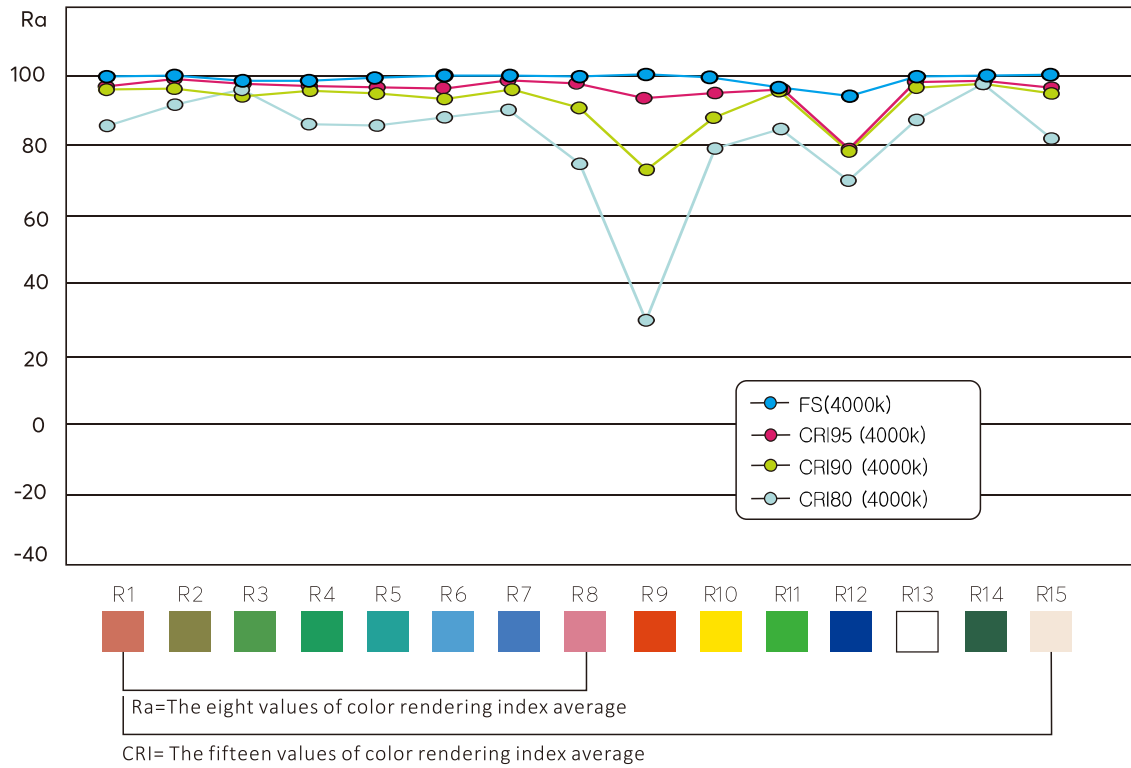


CRI and full spectrum LED



To achieve an attractive, natural appearance with your LED lighting installation, it is important to assess the CRI of the products you are considering. CRI (color rendering index), is a numeric index from 0-100 that indicates how well any given light source renders natural-looking color. LED strips, furniture lighting, bulbs, tubes that measure greater than 90 are generally considered “High CRI”, and that measure 100 are considered full spectrum which is the best CRI, while those that measure greater than 80 and less than 90 are widely used in life

Average Ra evaluation index

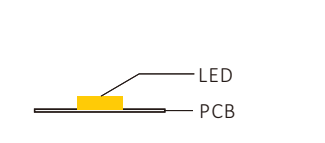


Waterproof Type

IP20-68 Suitable for different occasions

IP-20

No waterproof

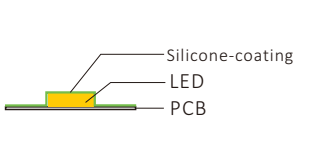


Suitable for indoor and dry environment



IP-65A

Silicone glue-coating

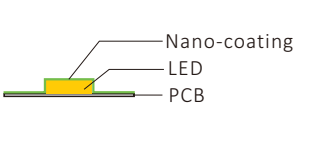


Suitable for places with indirect contact with rain



IP-65B

Nano coating

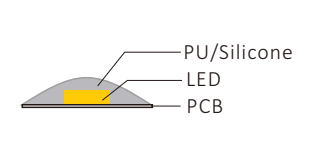


Suitable for places with indirect contact with rain



IP-65C

PU /silicone dropping

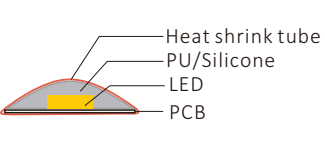


Suitable for places with indirect contact with rain



IP-66A

PU dropping & heat-shrinkable tube

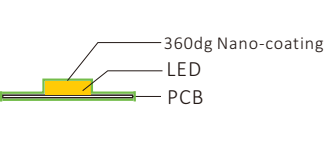


Suitable for places with large moisture



IP-66B

Fully Nano coating

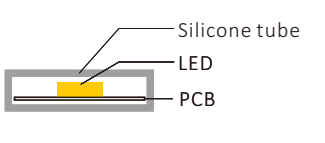


Suitable for places with large moisture



IP-67A

Silicone tube

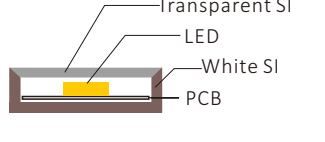


Suitable for indoor or outdoor area which may contact with water for a short time



IP-67B

Silicone tube with white Edge coating

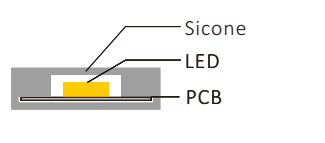


Suitable for indoor or outdoor area which may contact with water for a short time



IP-67C

Silicone extrusion (hollow)

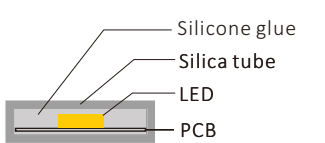


Suitable for indoor or outdoor area which may contact with water for a short time



IP-68A

Silicone tube & silicone stuffing encasing

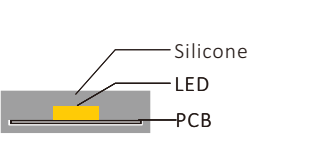


Suitable for underwater environment with water pressure not more than 8kpa.



IP-68B

Silicone extrusion (solid)



Suitable for underwater environment with water pressure not more than 10kpa.



24V Voltage drop

PCB type	5W/m			10W/m			15W/m		
PCB 3OZ (35-70um)	6LEDs/unit	7LEDs/unit	8LEDs/unit	6LEDs/unit	7LEDs/unit	8LEDs/unit	6LEDs/unit	7LEDs/unit	8LEDs/unit
24V 12mm PCB	20m	17m	12m	16m	12m	9m	13m	10m	8m
24V 12mm PCB	19m	15m	11m	12m	9m	7m	10m	8m	7m
24V 12mm PCB	18m	13m	10m	11m	8m	6m	9m	7m	5m

WIRE GAUGE SELECTION ACCORDING TO THE DISTANCE BETWEEN DRIVER AND LOAD

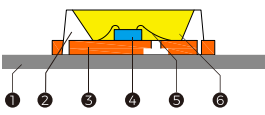
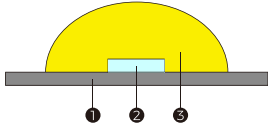
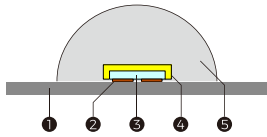
(Always choice a nearest value for following calculation)
(1st step: calculate the Max load power/current, 2nd step: measure the distance between driver and load; 3rd step: select the suggested wire gauge)

24V Voltage Drop & Wire length Distance (3% Drop or 23.28V)												
Wire	20W	30W	40W	50W	60W	70W	80W	90W	100W	150W	200W	300W
20AWG	13.1m	8.2m	6.4m	5.2m	4.3m	3.7m	3.1m	2.7m	2.4m	1.2m	\	\
18AWG	20.7m	13.7m	10.1m	8.2m	6.7m	5.8m	5.2m	4.6m	4.3m	2.1m	1.5m	1m
16AWG	33.2m	21.9m	16.5m	13.1m	11m	9.4m	8.2m	7.3m	6.7m	3.4m	2.7m	1.73m
14AWG	53m	35.1m	26.2m	21m	17.4m	14.9m	13.1m	11.9m	11m	5.8m	4.3m	2.7m
12AWG	82.9m	55.2m	41.1m	32.9m	27.4m	23.5m	20.7m	18.6m	17.1m	9.1m	6.7m	4.6m

RELIABLE LED LIFETIME APPROVED BY 10,000 HOURS LM80 REPORT

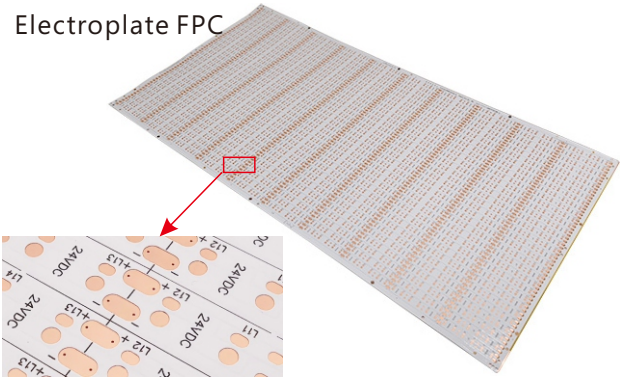
3528 @20mA&55°C	3528 @20mA&85°C	2835 @20mA&55°C	2835 @20mA&85°C	2216 @20mA&55°C	2216 @20mA&85°C	5050 @20mA&55°C	5050 @20mA&85°C
Lumen Maintenance		Lumen Maintenance		Lumen Maintenance		Lumen Maintenance	
97.7%	97.1%	97.8%	97.2%	97.9%	97.2%	97.7%	97.0%
Calculated by TM-21		Calculated by TM-21		Calculated by TM-21		Calculated by TM-21	
L70=136,000 Hours	L70=111,920 Hours	L70=127,800 Hours	L70=98,160 Hours	L70=147,000 Hours	L70=123,000 Hours	L70=131,000 Hours	L70=107,000 Hours
L80=87,720 Hours	L80=70,560 Hours	L80=80,080 Hours	L80=64,480 Hours	L80=11,200 Hours	L80=10,200 Hours	L80=83,000 Hours	L80=67,000 Hours
Reported by TM-21		Reported by TM-21		Reported by TM-21		Reported by TM-21	
L70>60,000 Hours , L80>60,000 Hours		L70>60,000 Hours , L80>60,000 Hours		L70>60,000 Hours , L80>60,000 Hours		L70>60,000 Hours , L80>60,000 Hours	

Comparison of SMD, COB and CSP Strip

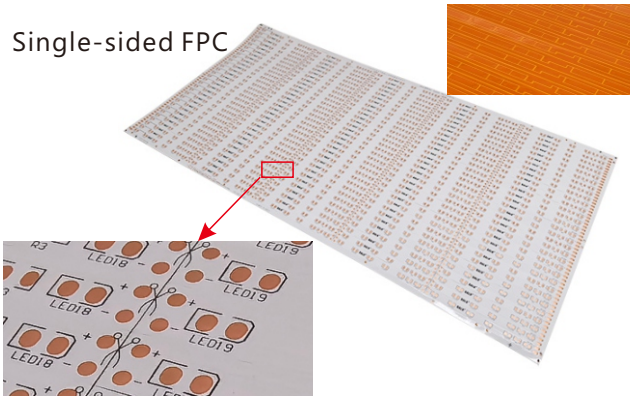
Item	SMD Strip	COB Strip	CSP Strip
Overview Of Strip Structure			
Details Of Material	1: FPC 2: PPA Frame 3: Electrode 4: Chip 5: Gold Wire 6: Phosphor glue	1: FPC 2: Chip 3: Phosphor glue	1: FPC 2: Electrode 3: Chip 4: Phosphor 5: Silicone
Manufacturing Process	Fixing LED to FPC through SMT	1, Fix the blue chip onto the FPC using a die bonding machine 2, Coating the phosphor glue layer.	1, The CSP LEDs are mounted on the FPC 2, coating the Misty or transparent silicone layer.
Light Consistency	Best	Generally	Secondary
Luminous efficiency	Best	Secondary	Secondary
Anti-bending Resistance	Secondary	Generally	Best
Brightness of each LED	Best	Secondary	Secondary
Sulfurization Resistance	Best	Secondary	Secondary
Customization	Easy	Relatively easy	Not easy
Application	Suitable for general lighting, high-efficiency lighting, high brightness lighting and other occasions	Suitable for occasions without light spot requirements, such as cabinets, furniture lighting, etc	Suitable for places with poor environments such as high temperature, cold, and high humidity

Four different types of FPC

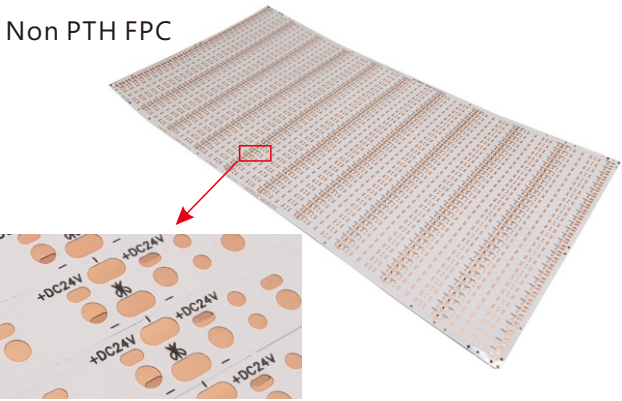
Electroplate FPC



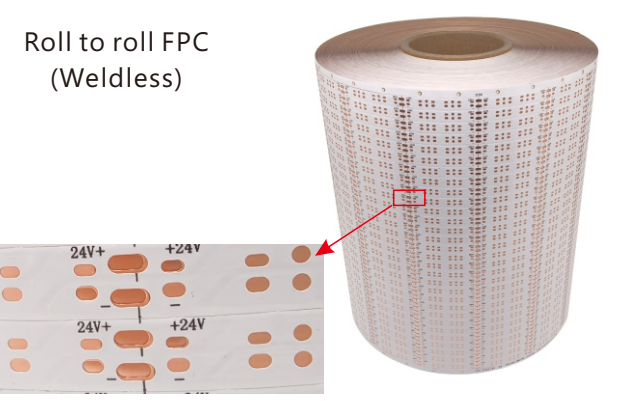
Single-sided FPC



Non PTH FPC



Roll to roll FPC (Weldless)



Item	Electroplate FPC	Single-sided FPC	Non PTH FPC	Roll to roll FPC
Length of each FPC	0.5m	0.5m	0.5m	100m
Reliability	Best	Secondary	Secondary	Generally
Circuit precision	Best	Secondary	Secondary	Generally
Customization	Easy	Easy	Secondary	Difficult
Production Efficiency	Generally	Generally	Generally	Highest
Manufacturing Cost	Highest	Secondary	Secondary	Lowest
Thickness Of Copper	25um+25um 35um+35um 25um+50um 35um+70um	25um 35um 50um	18um+25um 18um+35um 18um+45um 18um+70um	18um+25um 18um+35um 18um+50um 18um+70mm 25um+35um 25um+50um

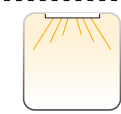
Customization

LED brands



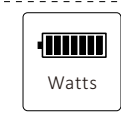
Can provide LED brands such as *Samsung, OSRAM, lumileds, bridgelux*, Epistar/Sanan, etc

Optical parameters



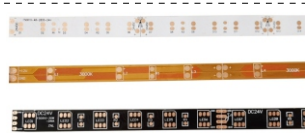
Available to customizable color temperature, luminous efficiency, color rendering index, etc

Power



The power of the light strip can be customized within the technically permissible range

PCB



Customizable color, length, width, copper thickness of the PCB, as well as the required logo

Adhesive tape



We primarily use 3M 300MP and Tesa 4965 for our LED strips, also have 3M 200MP, 9080A , VHB and others available as alternative options.

Protection level



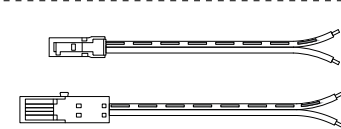
Customize different IP grade for different usage scenarios

Length of each roll



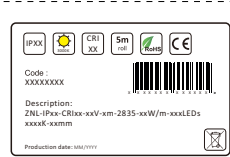
Customizable length per reel within technical support

Cable/connector



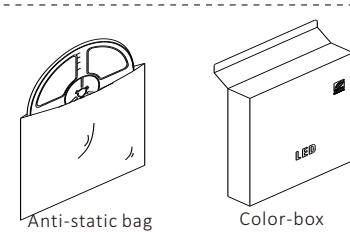
Different specifications of cables, connectors, waterproof joints, and lengths can be selected according to actual needs

Label



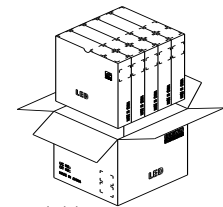
Available to customize label

Bag and box



Customizable bags and color boxes for customers

Packing



Available to customize the special packaging

Contents

About US

Up-energy service philosophy

1

Company introduction

2

Why choose us

3

Manufacture

4

Laboratory & inspection

6

Quality control

8

Certificate

9

LED BIN

10

CRI and full spectrum LED

11

Waterproof type

12

Voltage drop

13

Comparison of SMD, COB and CSP Strip

14

Four different types of FPC

15

Customization

16

Product list

18

Neon Flex

Horizontal Bending(Side)

NS0408

22

NS0613

24

NS0815

26

Ns1022

28

NS1220

30

NS1225

35

Vertical Bending(Top)

NS0606

38

NS1010

40

NS1212

42

NS1616

44

NS1715

49

Any Bending (3D)

NS1010

52

NS1313

54

NS1616

56

360° Round

NSO18

59

NSO25

61

LED Wall Washer

NW1212

65

NW1616

67

NW2521

69

NW2205

71

Skyline Lighths

SK-SL21

75

SK-NS1815

76

COB LED Strip

320 chips/m 8mm

80

384chips/m 3/5mm

81

480 chips/m 8/10mm

82

480 chips/m 8mm Ultra-long(15m)

83

504 chips/m 10mm

84

528 chips/m 8mm Any cut

85

528 chips/m 10mm

86

608 chips/m 5/8/10mm TW

87

576 chips/m 8/10mm RGB

88

756/768 chips/m 10mm RGB

89

784 chips/m 12mm RGBW

90

360 chips/m 10mm SPI Single color

91

576 chips/m 10mm SPI Tunable white

92

720chips/m 10mm SPI RGB

93

784 chips/m 10mm SPI RGBW

94

296 chips/m AC110 or 220V

95

DC SMD LED Strip

2835 3/6LEDs/unit (Tradition)

2835 36LEDs/m

98

2835 60LEDs/m

99

2835 72LEDs/m

101

2835 96LEDs/m

102

2835 120LEDs/m

103

2835 168LEDs/m

106

2835 180LEDs/m

107

2835 240LEDs/m

108

2835 7LEDs/unit (New ERP)

2835 70LEDs/m

109

2835 126LEDs/m

110

2835 140LEDs/m (Fresh food lighting)

111

2835 182LEDs/m

112

2835 210LEDs/m

113

2835/5630 8/9LEDs/unit (High efficiency)

2835 90LEDs/m 9LEDs

114

2835 180LEDs/m 9LEDs

115

2835 128LEDs/m 8LEDs

116

2835 160LEDs/m 8LEDs

118

2835 256LEDs/m 8LEDs

120

5630 160LEDs/m 8LEDs

122

5630 240LEDs/m 8LEDs

123

2835 Ultra Long

2835 60LEDs/m 24V

124

2835 120LEDs/m 24V

126

2835 144LEDs/m 24V

127

2835 80LEDs/m 48V

128

2835 192LEDs/m 48V

129

Single Color 2216

2216 60LEDs/m

131

2216 120LEDs/m

132

2216 180LEDs/m

134

2216 240LEDs/m

135

2216 300LEDs/m

136

2216 420LEDs/m

137

Single Color 5050

5050 30LEDs/m

138

5050 60LEDs/m

139

S-shape Bendable

2835 60LEDs/m

142

2835 120LEDs/m

143

Mini Cutting

2835 120LEDs/m

144

2216 120LEDs/m

145

Side-view 3014

3014 30LEDs/m

146

3014 60LEDs/m

147

3014 66LEDs/m

148

3014 96LEDs/m

149

3014 120LEDs/m

150

Optical Angle Control

2835 140LEDs/m 23/ 30/ 60deg

151

5050 60LEDs/m 60deg

152

6060 60LEDs/m 160deg

153

Dim to warm

2835 120LEDs/m

155

2216 224LEDs/m

156

2216 240LEDs/m

157

Tunable white

2835 120LEDs/m (2in1)

158

2835 140LEDs/m

159

2835 240LEDs/m

160

2216 240LEDs/m (2 Wire)

161

Multi-color RGB (3in1)

5050RGB 30LEDs/m

164

5050RGB 60LEDs/m

166

5050RGB 96LEDs/m

168

4040RGB 120LEDs/m

169

Multi-color RGBW (4in1)

5050RGBW 60LEDs/m

170

5050RGBW 96LEDs/m

171

Multi-color RGBWW (5in1)

5050RGBWW 60LEDs/m

172

5050RGBWW 96LEDs/m

173

SPI Pixel chasing

SPI Single color

5050 60LEDs/m (Built-in 2812)

176

5050 60LEDs/m (Built-in 2815)

177

5050 96LEDs/m (Built-in 2815)

178

2835 120LEDs/m (External 2811)

179

SPI Turnable color

5050 60LEDs/m (Built-in 2812)

180

2835 120LEDs/m (2in1 External 2811)

181

SPI RGB

5050RGBIC 60LEDs/m (Built-in 2812)

182

5050RGBIC 60LEDs/m (Built-in 2815)

183

5050RGBIC 96LEDs/m (Built-in 2812)

184

5050RGBIC 96LEDs/m (Built-in 2815)

185

5050RGB+IC 144LEDs/m (Built-in 2812)

186

5050RGB+IC 60LEDs/m (External 2811)

187

4040RGB+IC 96LEDs/m (External 2811)

188

SPI RGBW

5050RGBW 60LEDs/m (Built-in 2814)

189

5050RGBW 60LEDs/m (External TM1814)

190

SPI RGBWW

5050RGBWW 60LEDs/m (External FW1906)

191

DMX Pixel chasing

5050RGB 60LEDs/m (External TM512)

192

5050RGBW 60LEDs/m (External TM512)

193

AC LED Strip

2835 60LEDs/m

194

2835 120LEDs/m

195

Sensor switch

Door trigger sensor switch

197

Hand shaking sensor switch

200

Motion sensor switch

202

Mirror touching switch

203

Touch dimmer sensor switch

204

Accessories

Fast connector

206

Mounted clip

210

Wire joint

210

Package reel

210

Lead wire

211

Adhesive tape

211

LED power supply

212

LED controller

213

LED Profile

LED NEON FLEX STRIP

Cutting-edge silicone technology with bi-color integrated extrusion offering superior IP67/IP68 protection. Exceptional resistance to saline, acid, alkali, corrosive gases, fire, and UV exposure.

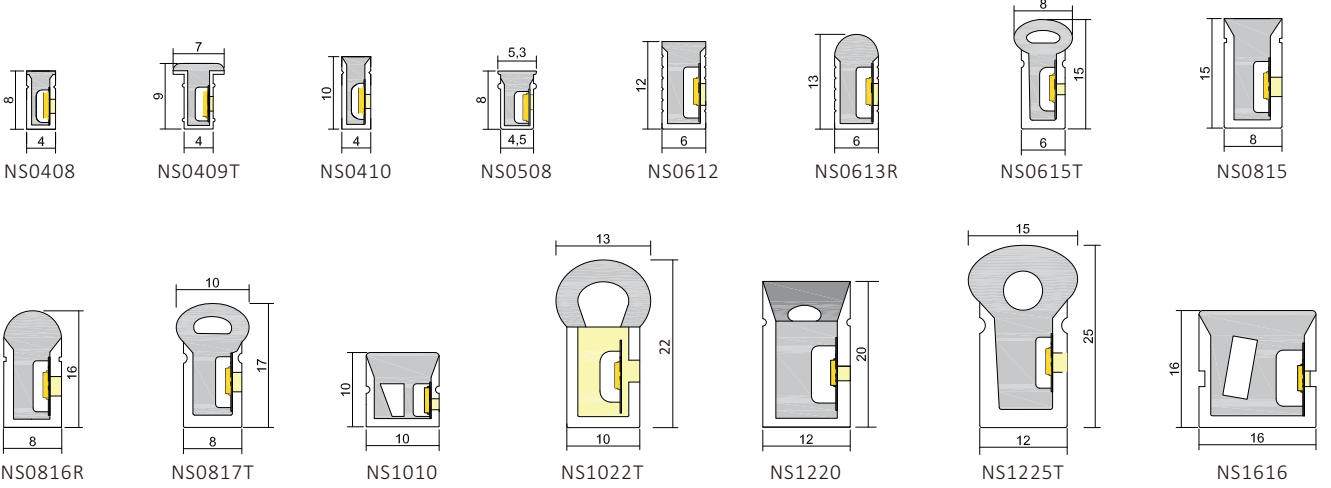
Perfect for both indoor and outdoor applications including architectural highlighting, building outlines, and dramatic night scape illumination—combining stunning visual impact with industrial-strength durability wherever premium lighting is required.



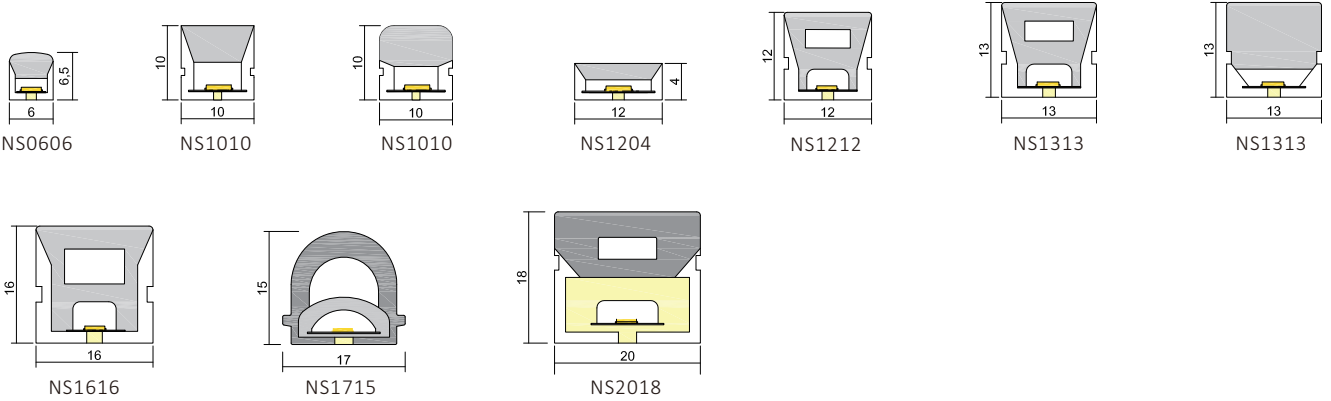
Classic Design

LED neon flex strips are divided into horizontal bending, vertical bending, any bending, and 360° Round, with different sizes as below.

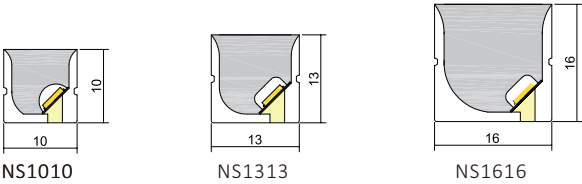
Horizontal Bending / Side Bending



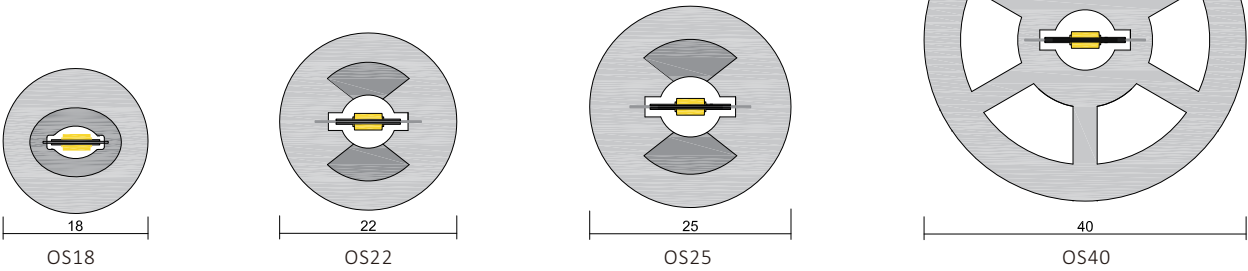
Vertical Bending / Top Bending



Any Bending / 3D



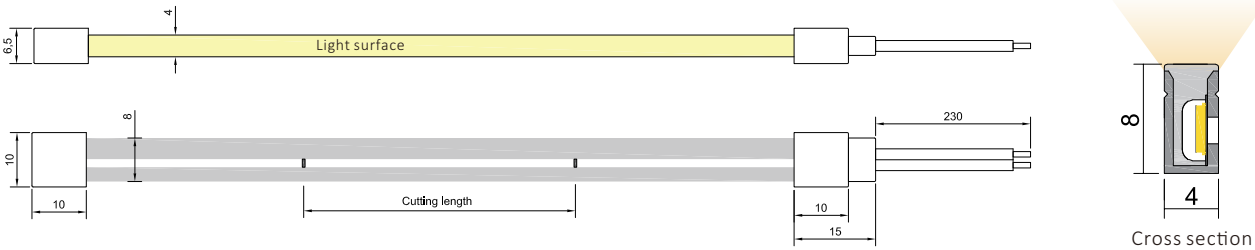
360° Round



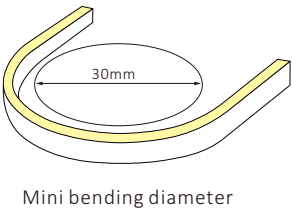
Horizontal Bending | 0408



Dimension (Unit: mm)



Basic Parameters	
Model No.	NS 0408
PCB Width	5mm
Voltage	12/24V dc
Power(W/m)	6W
Cutting Length	50mm (24V) 25mm (12V)
Max. Run Length	5m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Single Color Technical Data

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	6	>90	28	168
	3000K+/-150K	6	>90	31	186
	4000K+/-300K	6	>90	34	204
	5700K+/-500K	6	>90	32	192
	Red	6	>90	13	78
	Green	6	>90	35	210
	Blue	6	>90	8	48
	Yellow	6	>90	10	60

- Note:
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

Cable Entry Option

Integral End Cap(IP65)



Front Cable Entry

Silicone end cap(IP67)



Front Cable Entry

Accessories



Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m/3m)

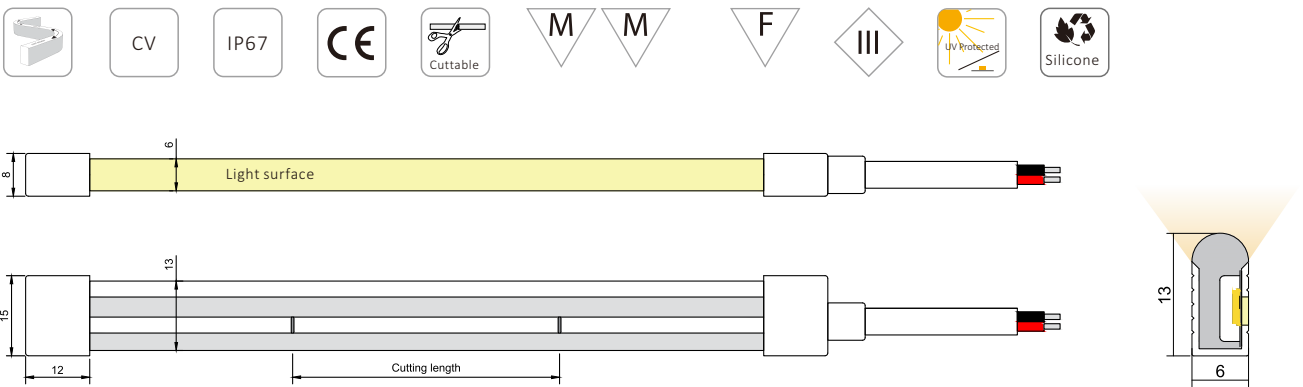


Entry cap

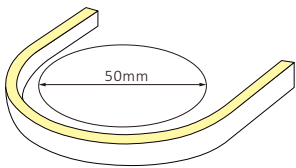


End cap

Horizontal Bending | 0613



Basic Parameters	
Model No.	NS 0613
PCB Width	8mm
Voltage	24V dc
Power(W/m)	10W
Cutting Length	50mm
Max. Run Length	5m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

- Note:
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

Single Color Technical Data

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	10	>80/90	30	300
	3000K+/-150K	10	>80/90	33	330
	4000K+/-300K	10	>80/90	36	360
	5700K+/-500K	10	>80/90	36	360
	Red	10	/	16	160
	Green	10	/	40	400
	Blue	10	/	8	80
	Yellow	10	/	12	120

CCT Tunable Technical Data

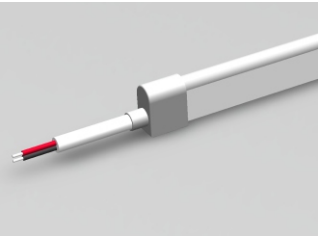
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	5	>80/90	30	150
	6000K	5	>80/90	35	175
	2700K+6000	10	>80/90	30	300

RGB Technical Data

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	3.33	/	8	26.4
	Green	3.33	/	18	59.2
	Blue	3.33	/	4	13.2
	RGB	10	/	13	42.9

Cable Entry Option

Silicone end cap (IP65)



Front cable entry

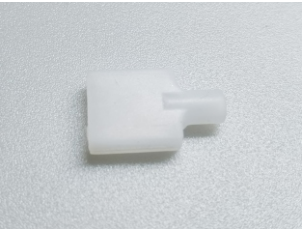
Accessories



Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m)



Moldable channel

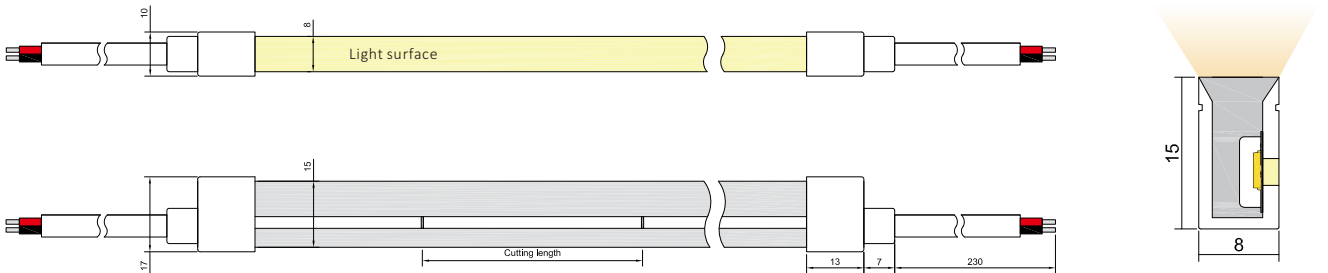


Entry cap

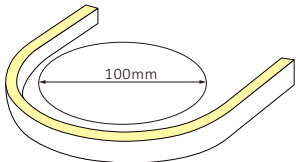


End cap

Horizontal Bending | 0815



Basic Parameters	
Model No.	NS 0815
PCB Width	10mm
Voltage	24V dc
Power(W/m)	12W
Cutting Length	50mm
Max. Run Length	5m-20m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

- Note:
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

Single Color Technical Data

Max. Run Length(CV): 7m
Max. Run Length(CC): 15m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	12	>80/90	31	372
	3000K+/-150K	12	>80/90	31	372
	4000K+/-300K	12	>80/90	34	408
	5700K+/-500K	12	>80/90	34	408
	Red	12	/	15	180
	Green	12	/	36	432
	Blue	12	/	7	84
	Yellow	12	/	12	144

CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	6	>80/90	30	180
	6000K	6	>80/90	35	210
	2700K+6000	12	>80/90	30	360

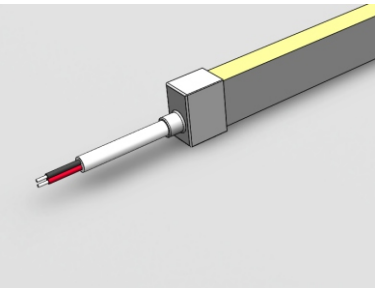
RGB Technical Data

Max. Run Length: 5m
Cutting Length: 62.5mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4.8	/	11	52.8
	Green	4.8	/	28	134.4
	Blue	4.8	/	5	24
	RGB	14.4	/	15	216

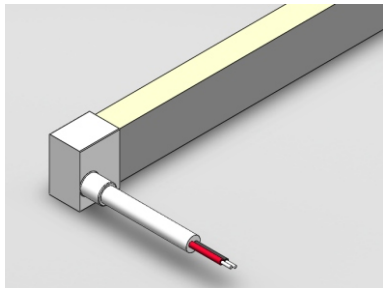
Cable Entry Option

Silicone end cap (IP67)



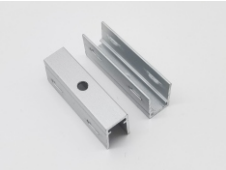
Front cable entry

Silicone end cap(IP67)



Side cable entry

Accessories



Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m)



Stainless steel clip



Moldable channel

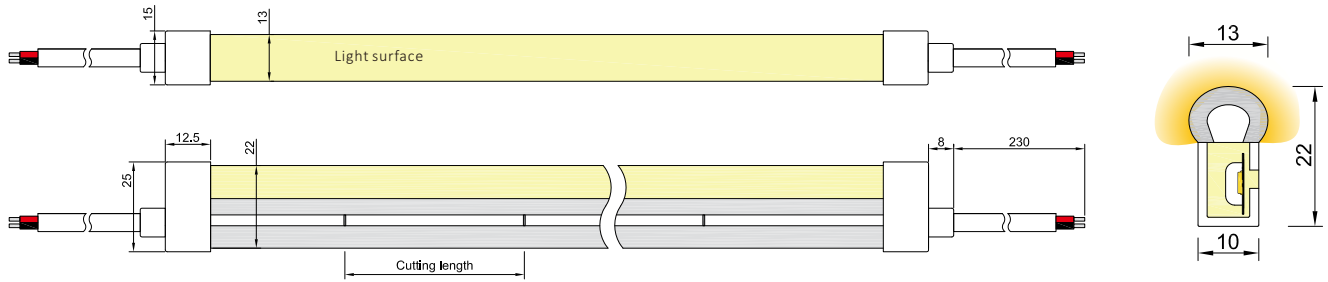


Entry cap

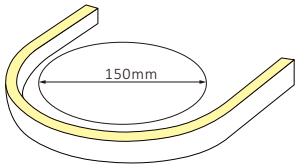


End cap

Horizontal Bending | 1022



Basic Parameters	
Model No.	NS 1022
PCB Width	10mm
Voltage	24V dc
Power(W/m)	10W (5/14W optional)
Cutting Length	50mm
Max. Run Length	5m-20m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

- Note:
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

Single Color Technical Data

Max. Run Length(CV): 7m
Max. Run Length(CC): 18m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	10	>80/90	35	350
	3000K+/-150K	10	>80/90	35	350
	4000K+/-300K	10	>80/90	39	390
	5700K+/-500K	10	>80/90	38	380
	Red	10	/	15	150
	Green	10	/	40	400
	Blue	10	/	7.5	75
	Yellow	10	/	12.5	125

CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 100mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	5	>80/90	36	180
	6000K	5	>80/90	38	190
	2700K+6000	10	>80/90	36	360

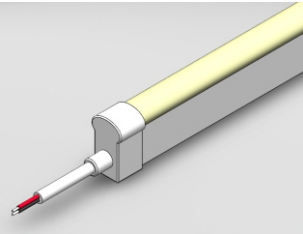
RGB Technical Data

Max. Run Length: 5m
Cutting Length: 100mm

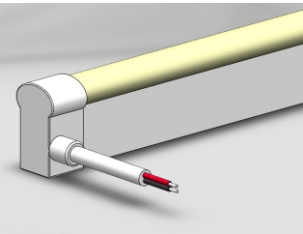
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	3.3	/	10	33
	Green	3.3	/	30	99
	Blue	3.3	/	6	19.8
	RGB	10	/	15	150

Cable Entry Option

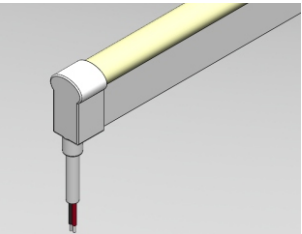
Silicone end cap (IP67)



Front cable entry



Side cable entry



Bottom cable entry

Accessories



Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m/3m)



Stainless steel clip



Moldable channel



Entry cap (Solder Free)



Connector (Solder Free)



End cap



Entry cap

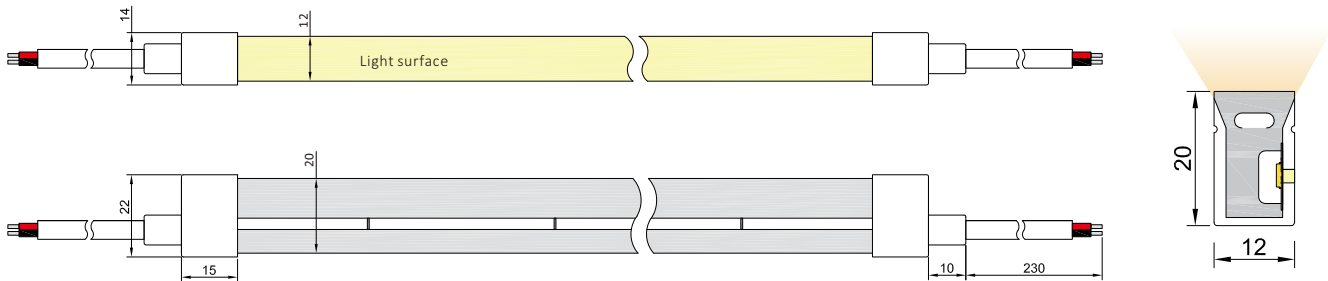


Entry cap (side)

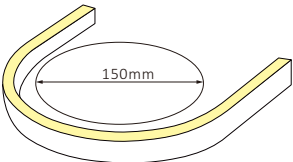
Horizontal Bending | 1220



- Superior Waterproof:** IP67 for indoor and outdoor decorative lighting
- Versatile Application:** Perfect for architectural highlights, commercial signage, landscape features, event decoration, creative lighting designs, and so on.
- Advanced Lighting Options:**
- Classic Single Color (White, Red, Blue, Yellow, Green, Pink, Ice blue, etc)
 - Dynamic RGB, RGBW, RGBWW
 - Tunable White, Dim to Warm for sophisticated ambiance control
- Intelligent Control Systems:**
- SPI RGB/RGBW/White for precise pixel-level control
 - DMX RGB/RGBW/White for professional lighting integration
 - Compatible with industry-standard controllers



Basic Parameters	
Model No.	NS 1220
PCB Width	10/12mm
Voltage	24V dc
Power(W/m)	14W (5/10W optional)
Cutting Length	50mm
Max. Run Length	5m-20m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



- Note:**
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

Single Color Technical Data

Max. Run Length(CV): 7m
Max. Run Length(CC): 13m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	14	>80/90	30	420
	3000K+/-150K	14	>80/90	31	434
	4000K+/-300K	14	>80/90	35	490
	5700K+/-500K	14	>80/90	33	462
	Red	14	/	15	196
	Green	14	/	35	490
	Blue	14	/	7	98
	Yellow	14	/	15.5	217

CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 100mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	7	>80/90	34	238
	6000K	7	>80/90	37	259
	2700K+6000	14	>80/90	35	490

RGB Technical Data

Max. Run Length: 5m
Cutting Length: 100mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4.8	/	9	43.2
	Green	4.8	/	32	153.6
	Blue	4.8	/	6	28.8
	RGB	14.4	/	14	201.6

RGBW Technical Data

Max. Run Length: 5m
Cutting Length: 100mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	3.5	/	9	31.5
	Green	3.5	/	27	94.5
	Blue	3.5	/	6	21
	White	3.5	80	28	98
	RGBW	14	/	21	294

SPI Tunable White Data

IC Model: WS2811
Pixels/m: 20
Max. Run Length: 5m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	7	>80/90	30	210
	5000K	7	>80/90	33	231
	2700K+5000	14	>80/90	31	434

SPI RGB Technical Data

IC Model: WS2811
Pixels/m: 10
Max. Run Length: 7m
Cutting Length: 100mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4	/	10	33
	Green	4	/	30	99
	Blue	4	/	6	19.8
	RGB	12	/	15	150

SPI RGBW Technical Data

IC Model: UCS2904/TM1934
Pixels/m: 10
Max. Run Length: 10m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4	/	10	40
	Green	4	/	30	120
	Blue	4	/	6	24
	White	4	80	28	112
	RGBW	16	/	22	352

DMX RGB Technical Data

IC Model: TM512/UCS512
Pixels/m: 10
Max. Run Length: 10m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4	/	10	40
	Green	4	/	30	120
	Blue	4	/	6	24
	RGB	12	/	15	180

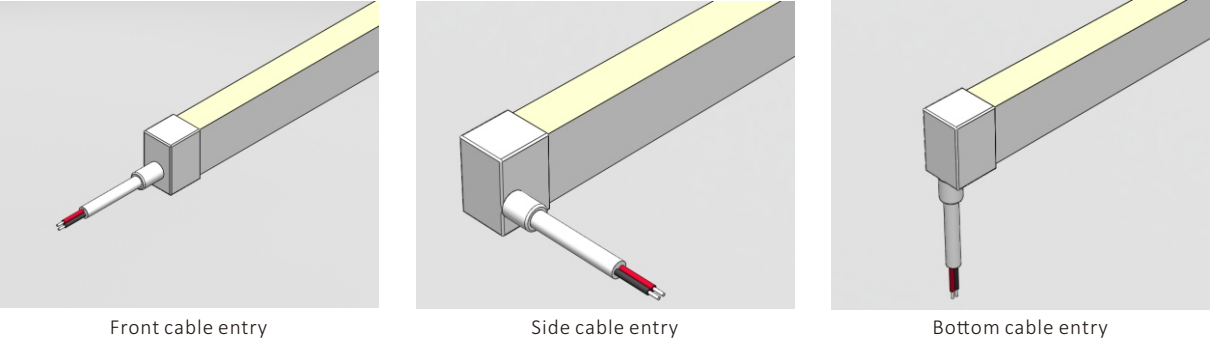
DMX RGBW Technical Data

IC Model: TM512/UCS512
Pixels/m: 10
Max. Run Length: 10m
Cutting Length: 50mm

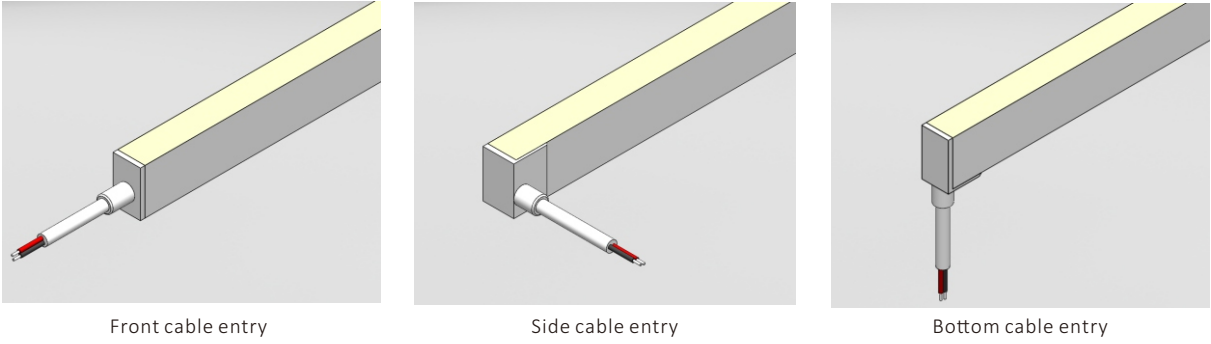
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4	/	10	40
	Green	4	/	30	120
	Blue	4	/	6	24
	White	4	80	28	112
	RGBW	16	/	22	352

Cable Entry Option

Silicone end cap(IP67)



Integral End Cap(IP67)



Accessories



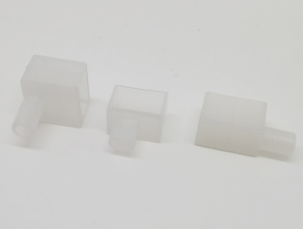
Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m/3m)



Stainless steel clip



Moldable channel

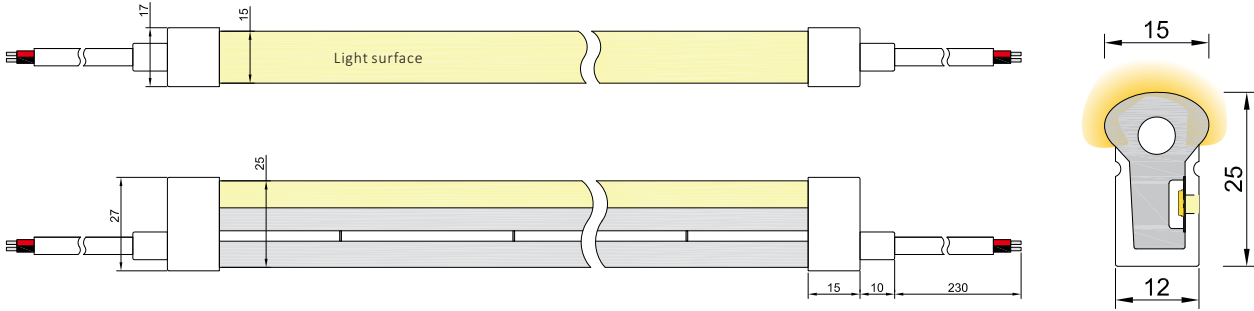
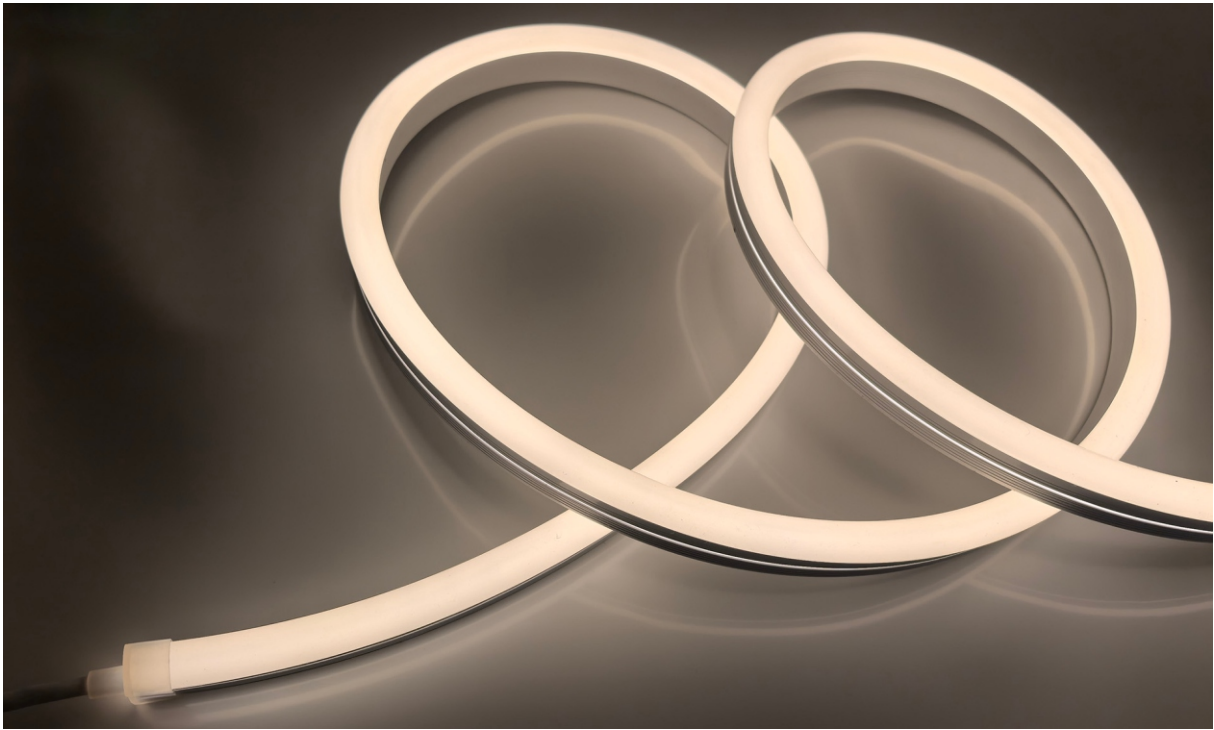


Endcap with hole



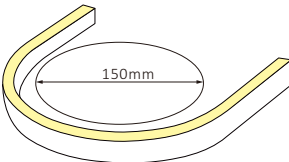
Endcap without hole

Horizontal Bending | 1225



Can provide IP68 rating

Basic Parameters	
Model No.	NS 1225
PCB Width	10/12mm
Voltage	24V dc
Power(W/m)	10W (14W optional)
Cutting Length	50mm
Max. Run Length	5m-20m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

Note:

- Max. Run length refers to single side feed in serial connection.
- The given color temperature is the temperature of finished products.
- The given data are typical values, can vary up to 10%.
- The Constant Current version supports PWM dimming.

Single Color Technical Data

Max. Run Length(CV): 7m
Max. Run Length(CC): 18m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	10	>80/90	29	290
	3000K+/-150K	10	>80/90	29	290
	4000K+/-300K	10	>80/90	33	330
	5700K+/-500K	10	>80/90	30	300
	Red	10	/	12	120
	Green	10	/	34	340
	Blue	10	/	7	70
	Yellow	10	/	13	130

CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 100mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	5	>80/90	30	150
	6000K	5	>80/90	32	160
	2700K+6000	10	>80/90	30	300

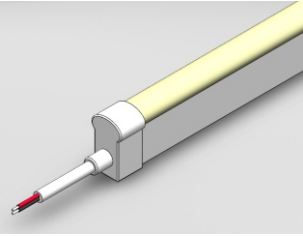
RGB Technical Data

Max. Run Length: 5m
Cutting Length: 100mm

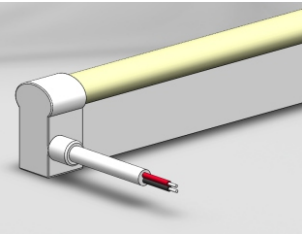
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	3.3	/	9	29.7
	Green	3.3	/	26	85.5
	Blue	3.3	/	5	9.9
	RGB	10	/	15	150

Cable Entry Option

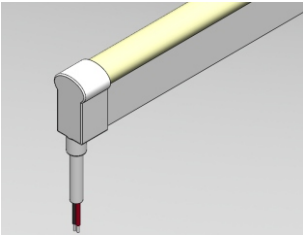
Silicone end cap(IP67)



Front cable entry



Side cable entry



Bottom cable entry

Accessories



Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m/3m)



Moldable channel



End cap



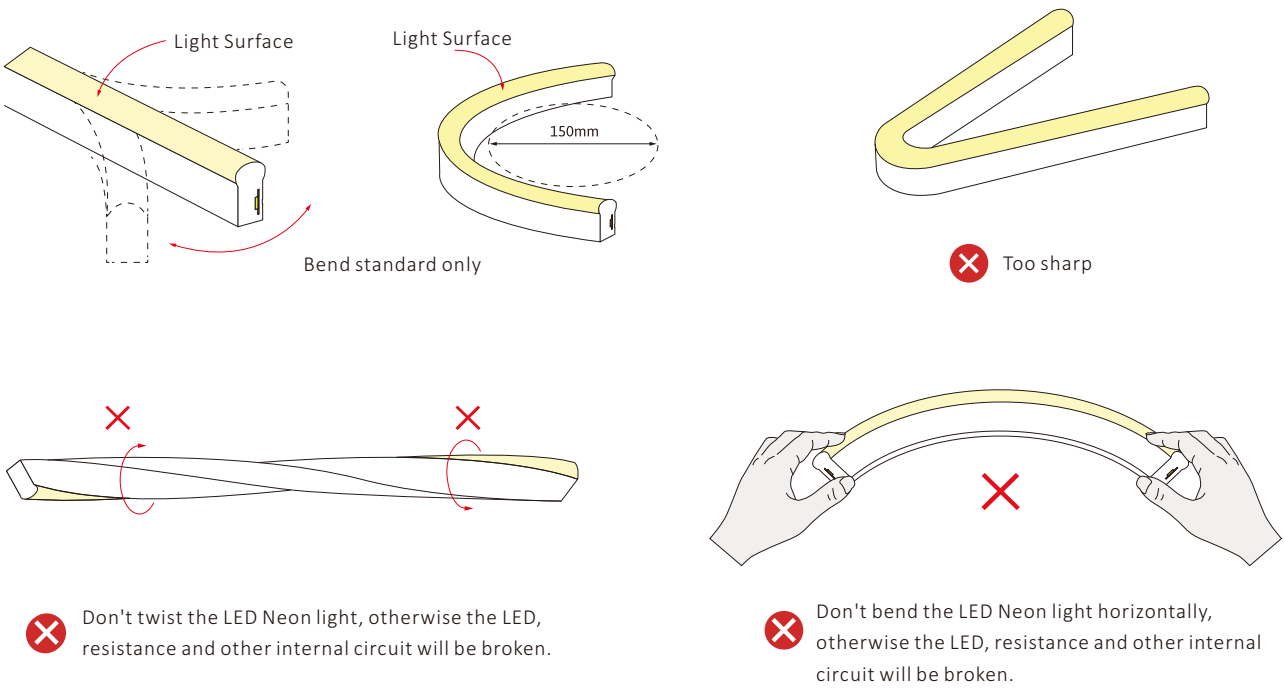
Entry cap



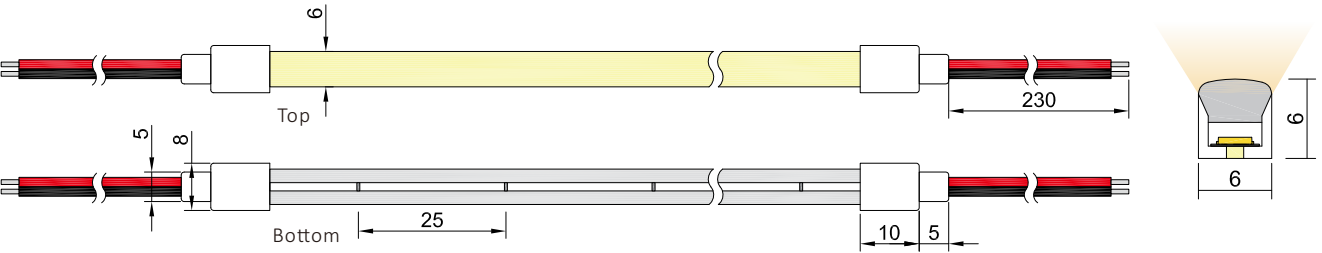
Entry cap (side)

Precautions for use

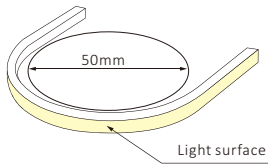
The LED neon Flex can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum bending diameter;



Vertical Bending | 0606



Basic Parameters	
Model No.	NS 0606
PCB Width	4mm
Voltage	24V dc
Power(W/m)	6W
Cutting Length	25mm
Max. Run Length	7m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

- Note:
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

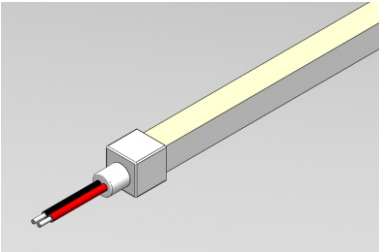
Single Color Technical Data

Max. Run Length(CV): 7m
Max. Run Length(CC): 15m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	6	>80/90	55	330
	3000K+/-150K	6	>80/90	57	342
	4000K+/-300K	6	>80/90	60	360
	5700K+/-500K	6	>80/90	60	360
	Red	6	/	25	150
	Green	6	/	65	390
	Blue	6	/	13	78
	Yellow	6	/	22	132

Cable Entry Option

Silicone end cap(IP67)



Accessories



Stainless steel clip

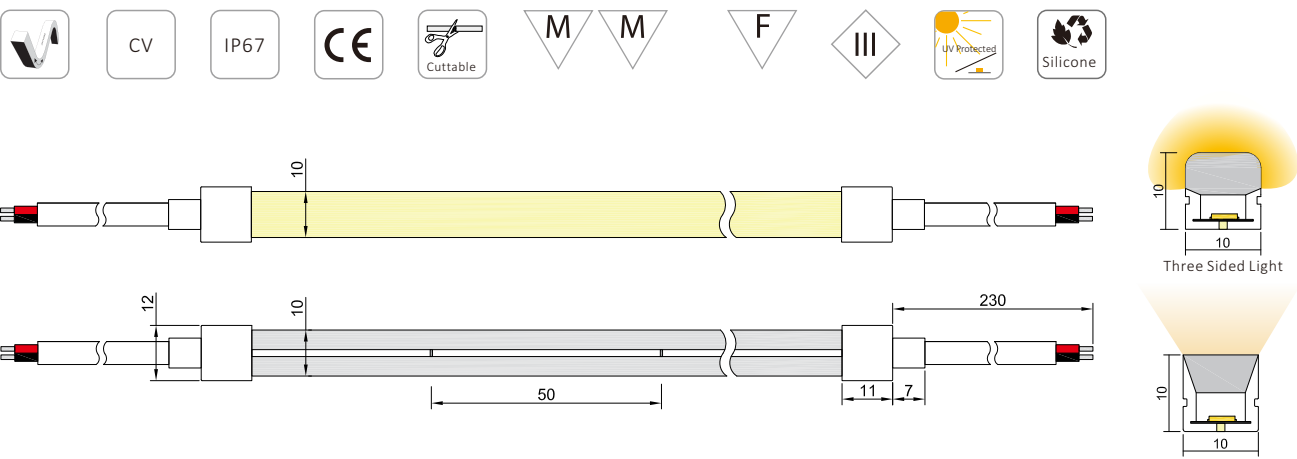


Entry cap

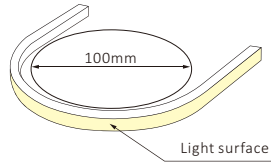


End cap

Vertical Bending | 1010



Basic Parameters	
Model No.	NS 1010
PCB Width	8mm
Voltage	24V dc
Power(W/m)	10W
Cutting Length	50mm
Max. Run Length	7m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

- Note:
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

Single Color Technical Data

Max. Run Length(CV): 7m
Max. Run Length(CC): 15m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	10	>80/90	72	720
	3000K+/-150K	10	>80/90	72	720
	4000K+/-300K	10	>80/90	83	830
	5700K+/-500K	10	>80/90	80	800
	Red	10	/	33	330
	Green	10	/	65	650
	Blue	10	/	17	170
	Yellow	10	/	30	300

CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 50mm

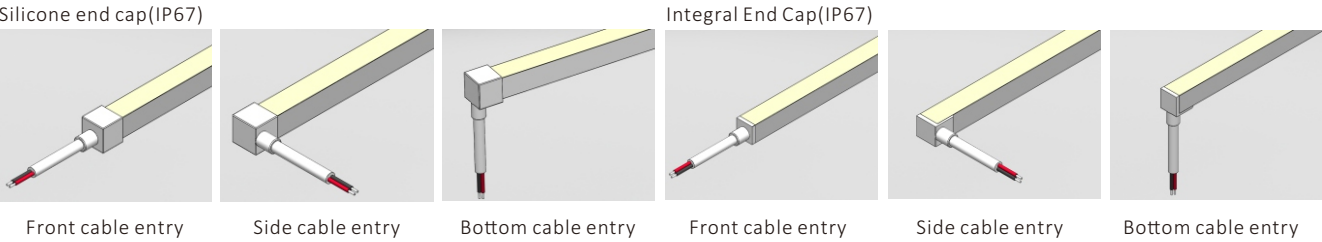
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	5	>80/90	72	360
	6000K	5	>80/90	80	400
	2700K+6000	10	>80/90	75	750

RGB Technical Data

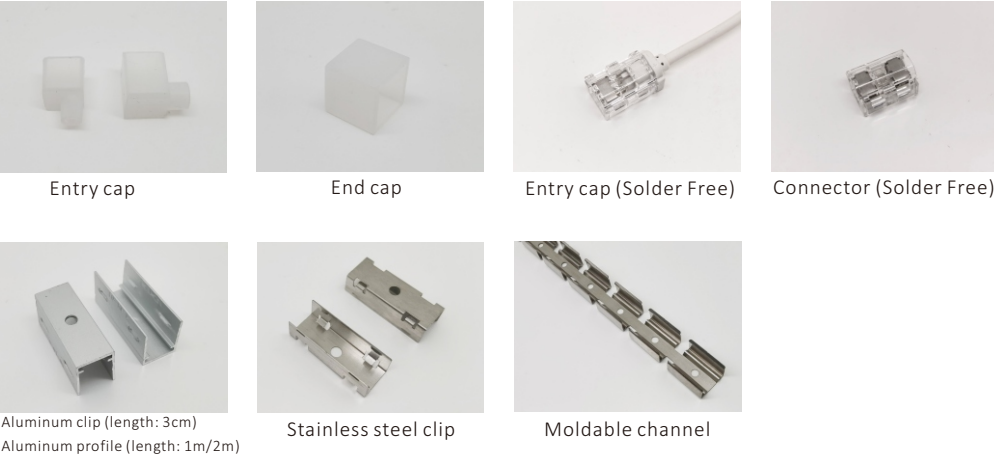
Max. Run Length: 5m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	3.33	/	20	66.6
	Green	3.33	/	70	233
	Blue	3.33	/	13	43.3
	RGB	10	/	36	360

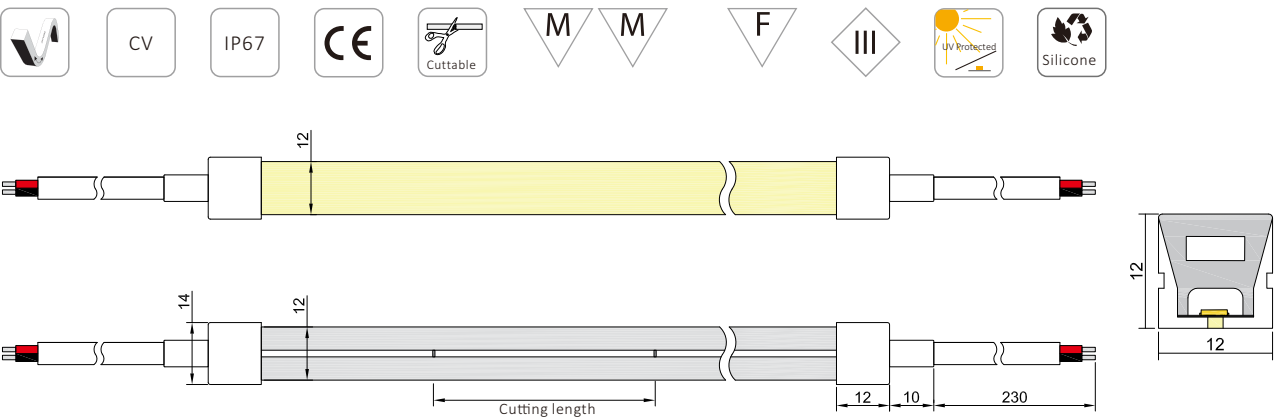
Cable Entry Option



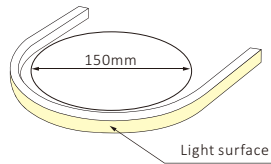
Accessories



Vertical Bending | 1212



Basic Parameters	
Model No.	NS 1212
PCB Width	8/10mm
Voltage	24V dc
Power(W/m)	10W (5/14W optional)
Cutting Length	50mm
Max. Run Length	7m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

- Note:
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

Single Color Technical Data

Max. Run Length(CV): 7m
Max. Run Length(CC): 15m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	10	>80/90	64	640
	3000K+/-150K	10	>80/90	67	670
	4000K+/-300K	10	>80/90	70	700
	5700K+/-500K	10	>80/90	70	700
	Red	10	/	28	280
	Green	10	/	68	680
	Blue	10	/	13	130
	Yellow	10	/	26	260

CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 50mm

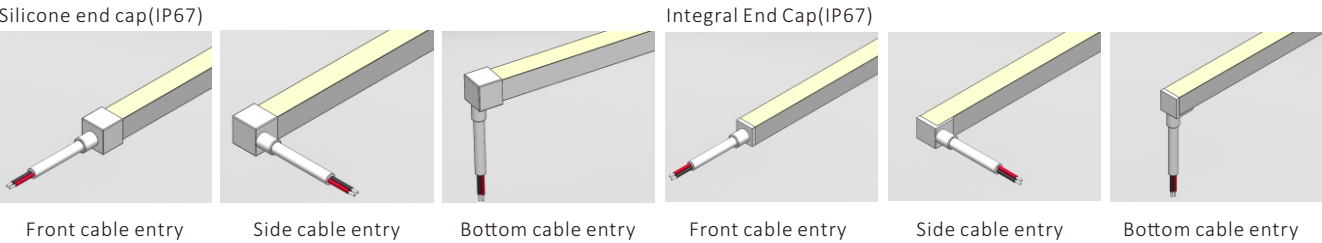
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	5	>80/90	63	315
	6000K	5	>80/90	67	335
	2700K+6000	10	>80/90	65	650

RGB Technical Data

Max. Run Length: 5m
Cutting Length: 62.5mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	3.33	/	21	69.3
	Green	3.33	/	65	214.5
	Blue	3.33	/	12	39.6
	RGB	10	/	29	290

Cable Entry Option



Accessories



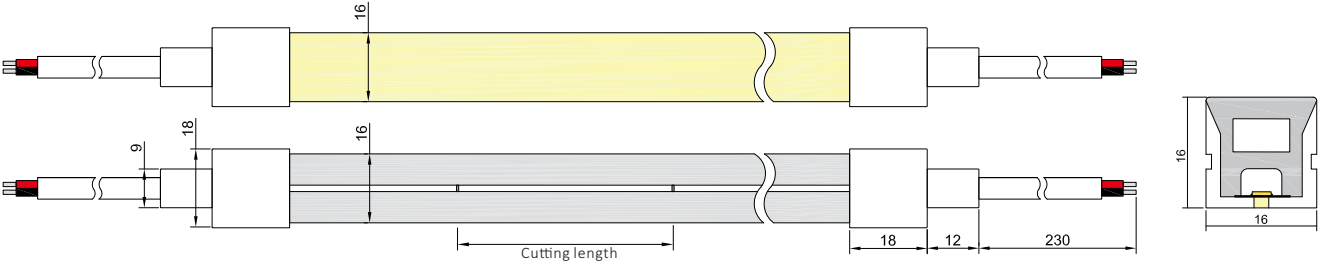
Superior Waterproof:
IP67 / IP68 (optional) for indoor and outdoor decorative lighting

Versatile Application: Perfect for architectural highlights, commercial signage, landscape features, event decoration, creative lighting designs, and so on.

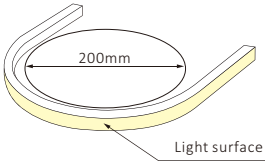
- Advanced Lighting Options:**
- Classic Single Color (White, Red, Blue, Yellow, Green, Pink, Ice blue, etc)
 - Dynamic RGB, RGBW, RGBWW
 - Tunable White, Dim to Warm for sophisticated ambiance control

- Intelligent Control Systems:**
- SPI RGB/RGBW/White for precise pixel-level control
 - DMX RGB/RGBW/White for professional lighting integration
 - Compatible with industry-standard controllers

IP67/IP68(optionl)



Basic Parameters	
Model No.	NS 1616
PCB Width	10/12mm
Voltage	24V dc
Power(W/m)	14W (10W optional)
Cutting Length	50mm
Max. Run Length	5m-20m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

- Note:
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

Single Color Technical Data

Max. Run Length(CV): 7m
Max. Run Length(CC): 15m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	14	>80/90	54	756
	3000K+/-150K	14	>80/90	55	770
	4000K+/-300K	14	>80/90	58	812
	5700K+/-500K	14	>80/90	57	198
	Red	14	/	24	336
	Green	14	/	55	770
	Blue	14	/	11	154
	Yellow	14	/	24	336

CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 100mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	7	>80/90	55	385
	6000K	7	>80/90	60	630
	2700K+6000	14	>80/90	58	812

RGB Technical Data

Max. Run Length: 5m
Cutting Length: 100mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4.8	/	17	81.6
	Green	4.8	/	55	264
	Blue	4.8	/	11	52.8
	RGB	14.4	/	27	388.8

RGBW Technical Data

Max. Run Length: 5m
Cutting Length: 100mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	3.5	/	13	45.5
	Green	3.5	/	54	189
	Blue	3.5	/	10	35
	White	3.5	80	61	213.5
	RGBW	14	/	37	518

SPI Tunable White Data

IC Model: WS2811
Pixels/m: 20
Max. Run Length: 5m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	7	>80/90	54	378
	5000K	7	>80/90	59	413
	2700K+5000	14	>80/90	56	784

SPI RGB Technical Data

IC Model: WS2811
Pixels/m: 10
Max. Run Length: 7m
Cutting Length: 100mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4	/	17	68
	Green	4	/	50	200
	Blue	4	/	11	44
	RGB	12	/	26	312

SPI RGBW Technical Data

IC Model: WS2811
Pixels/m: 8
Max. Run Length: 10m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4	/	16	64
	Green	4	/	52	208
	Blue	4	/	10	40
	White	4	80	60	240
	RGBW	16	/	36	576

DMX RGB Technical Data

IC Model: TM512/UC512
Pixels/m: 8
Max. Run Length: 10m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4	/	18	72
	Green	4	/	52	208
	Blue	4	/	12	46
	RGB	12	/	27	324

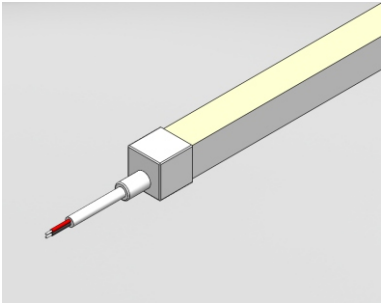
DMX RGBW Technical Data

IC Model: TM512/UC512
Pixels/m: 8
Max. Run Length: 10m
Cutting Length: 50mm

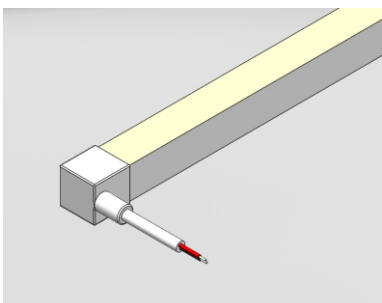
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4	/	17	68
	Green	4	/	51	204
	Blue	4	/	11	44
	White	4	80	61	244
	RGBW	16	/	37	592

Cable Entry Option

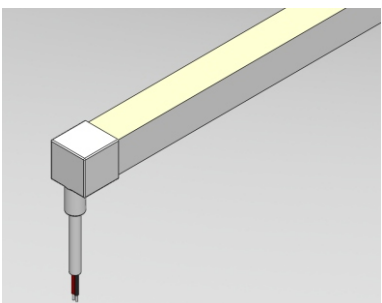
Silicone end cap(IP67)



Front cable entry

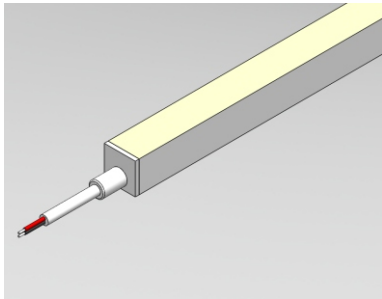


Side cable entry

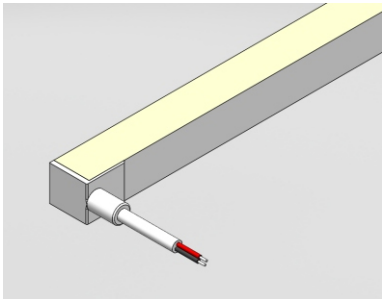


Bottom cable entry

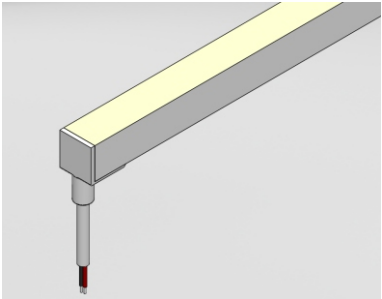
Integral End Cap(IP67)



Front cable entry



Side cable entry



Bottom cable entry

Accessories



Entry cap



End cap



Entry cap (Solder Free)



Connector (Solder Free)



Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m/3m)

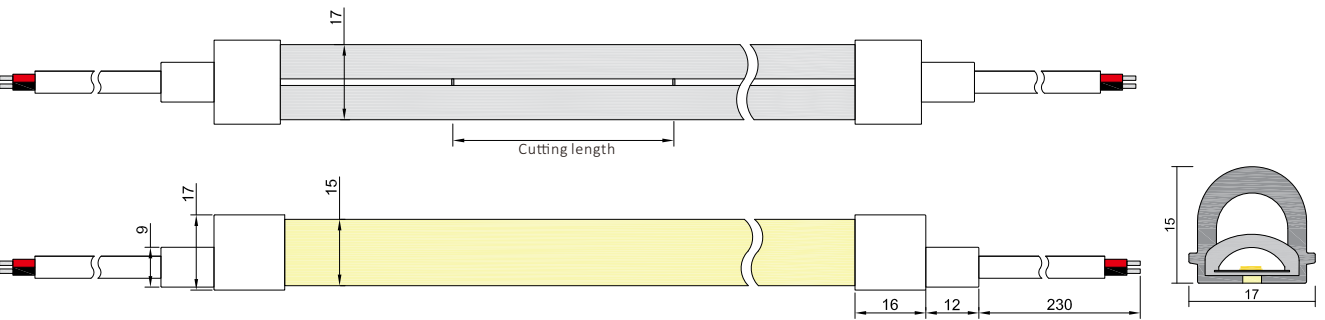


Stainless steel clip

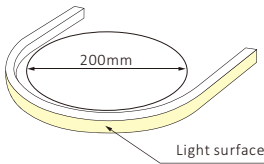


Moldable channel

Vertical Bending | 1715



Basic Parameters	
Model No.	NS 1715
PCB Width	8/10mm
Voltage	24V dc
Power(W/m)	14W
Cutting Length	50mm
Max. Run Length	7/13m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

- Note:
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

Single Color Technical Data

Max. Run Length(CV): 7m
Max. Run Length(CC): 13m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	14	>80/90	64	896
	3000K+/-150K	14	>80/90	67	938
	4000K+/-300K	14	>80/90	70	980
	5700K+/-500K	14	>80/90	70	980
	Red	14	/	28	392
	Green	14	/	68	952
	Blue	14	/	13	182
	Yellow	14	/	26	364

CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	7	>80/90	63	441
	6000K	7	>80/90	67	469
	2700K+6000	14	>80/90	65	455

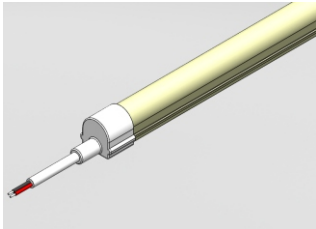
RGB Technical Data

Max. Run Length: 5m
Cutting Length: 50mm

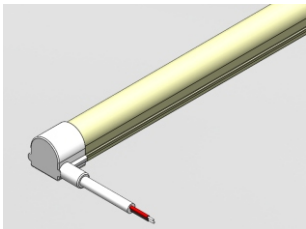
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4.8	/	23	110.4
	Green	4.8	/	68	326.4
	Blue	4.8	/	14	62.2
	RGB	14.4	/	35	504

Cable Entry Option

Silicone end cap(IP67)



Front cable entry



Side cable entry

Accessories



Entry cap



End cap



Connector (Solder Free)



Entry cap (Solder Free)



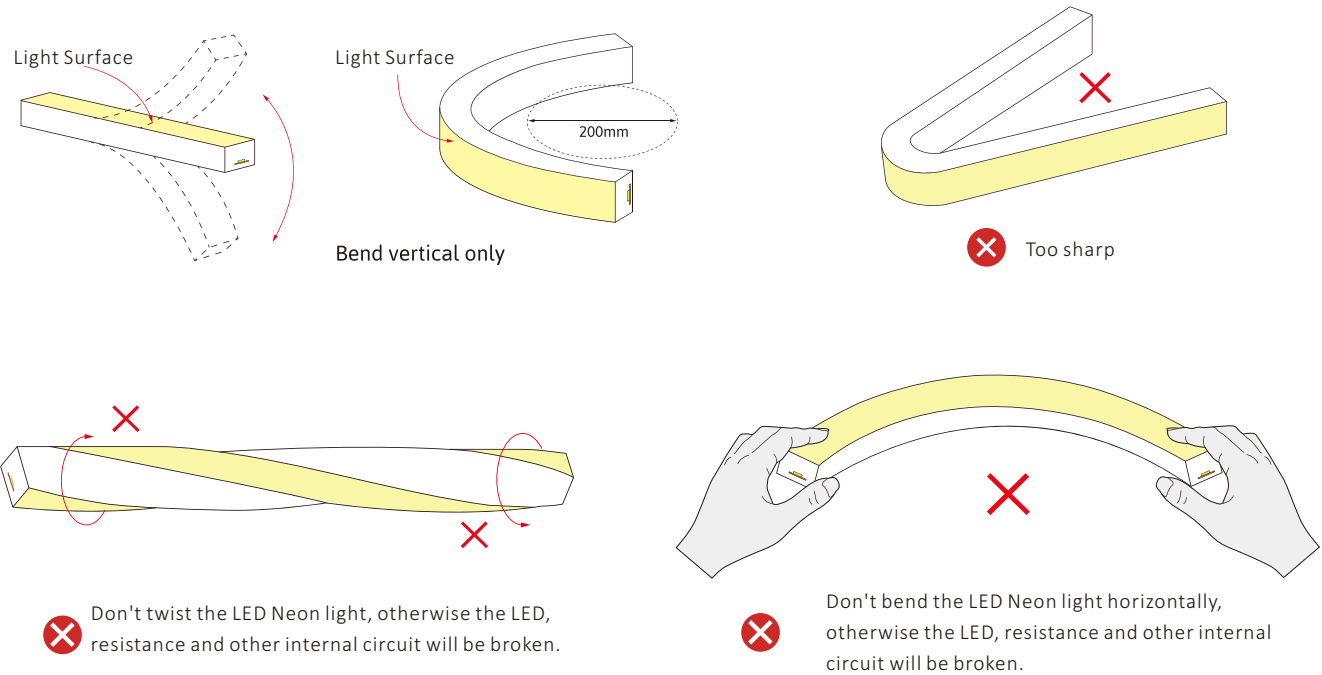
Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m)



PC clip (length: 3cm)
PC profile (length: 1m/2m)

Precautions for use

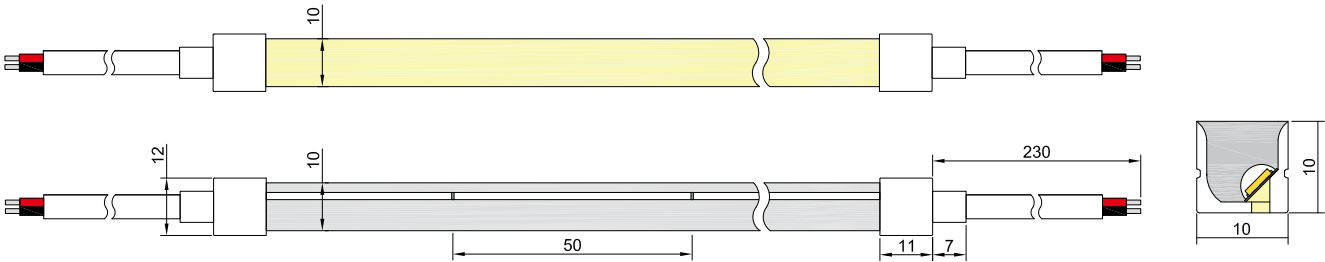
The LED neon Flex can be only bend along the light surface, like the following drawing;
Don't twist the light, and don't bend smaller than the allowed minimum bending diameter;



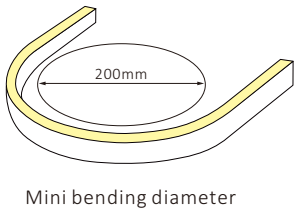
3D Bending | 1010



Dimension (Unit: mm)



Basic Parameters	
Model No.	3DN 1010
PCB Width	5mm
Voltage	24V dc
Power(W/m)	10W
Cutting Length	50mm
Max. Run Length	5m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years

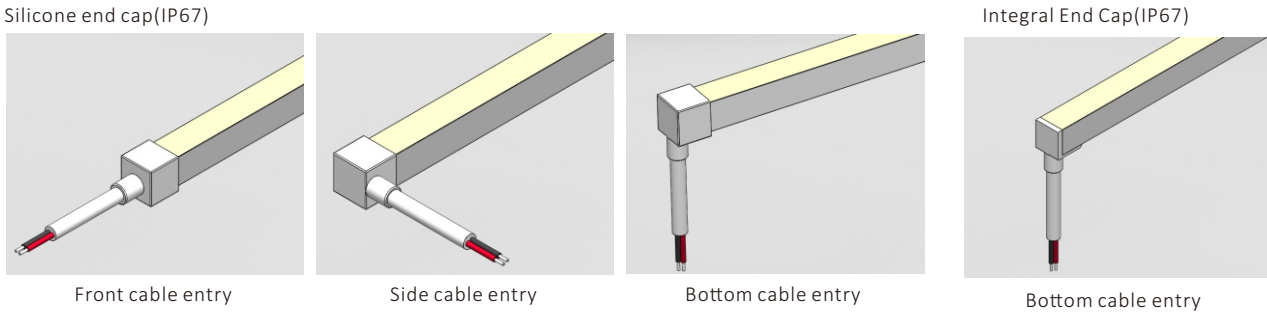


Single Color Technical Data

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	10	>80/90	47	470
	3000K+/-150K	10	>80/90	49	490
	4000K+/-300K	10	>80/90	50	500
	5700K+/-500K	10	>80/90	50	500
	Red	10	/	16	160
	Green	10	/	44	440
	Blue	10	/	10	100
	Yellow	10	/	13	130

- Note:
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

Cable Entry Option



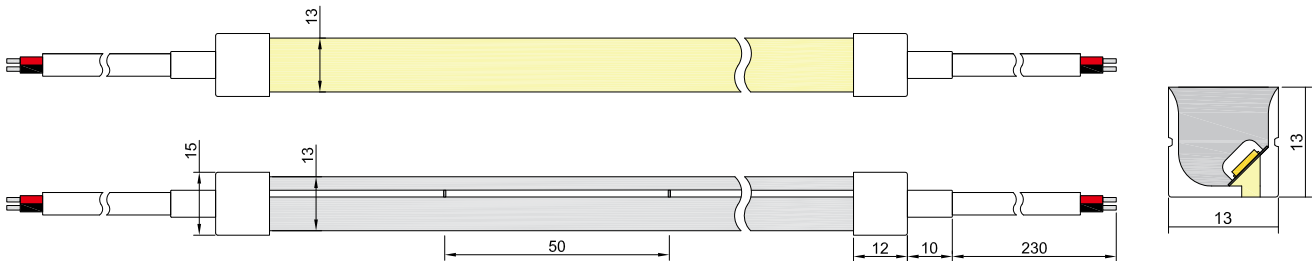
Accessories



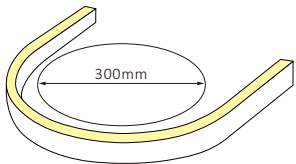
3D Bending | 1313



Dimension (Unit: mm)



Basic Parameters	
Model No.	3DN 1313
PCB Width	6mm
Voltage	24V dc
Power(W/m)	10W
Cutting Length	50mm
Max. Run Length	5m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



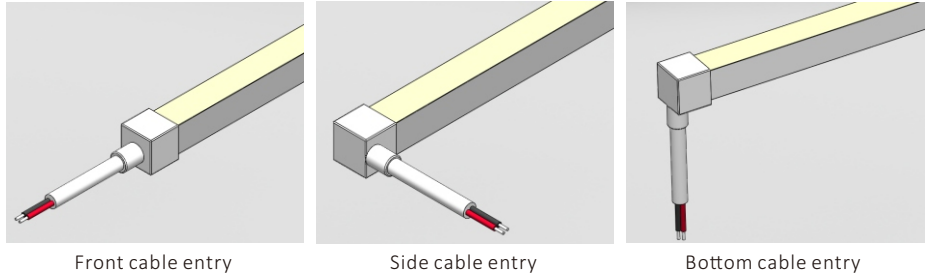
Single Color Technical Data

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	10	>80/90	45	450
	3000K+/-150K	10	>80/90	47	470
	4000K+/-300K	10	>80/90	48	480
	5700K+/-500K	10	>80/90	48	480
	Red	10	/	15	150
	Green	10	/	41	410
	Blue	10	/	11	110
	Yellow	10	/	12	120

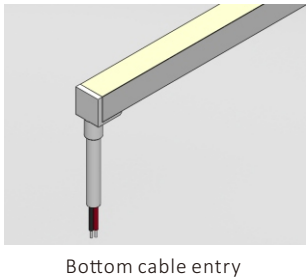
- Note:
- Max. Run length refers to single side feed in serial connection.
 - The given color temperature is the temperature of finished products.
 - The given data are typical values, can vary up to 10%.
 - The Constant Current version supports PWM dimming.

Cable Entry Option

Silicone end cap(IP67)



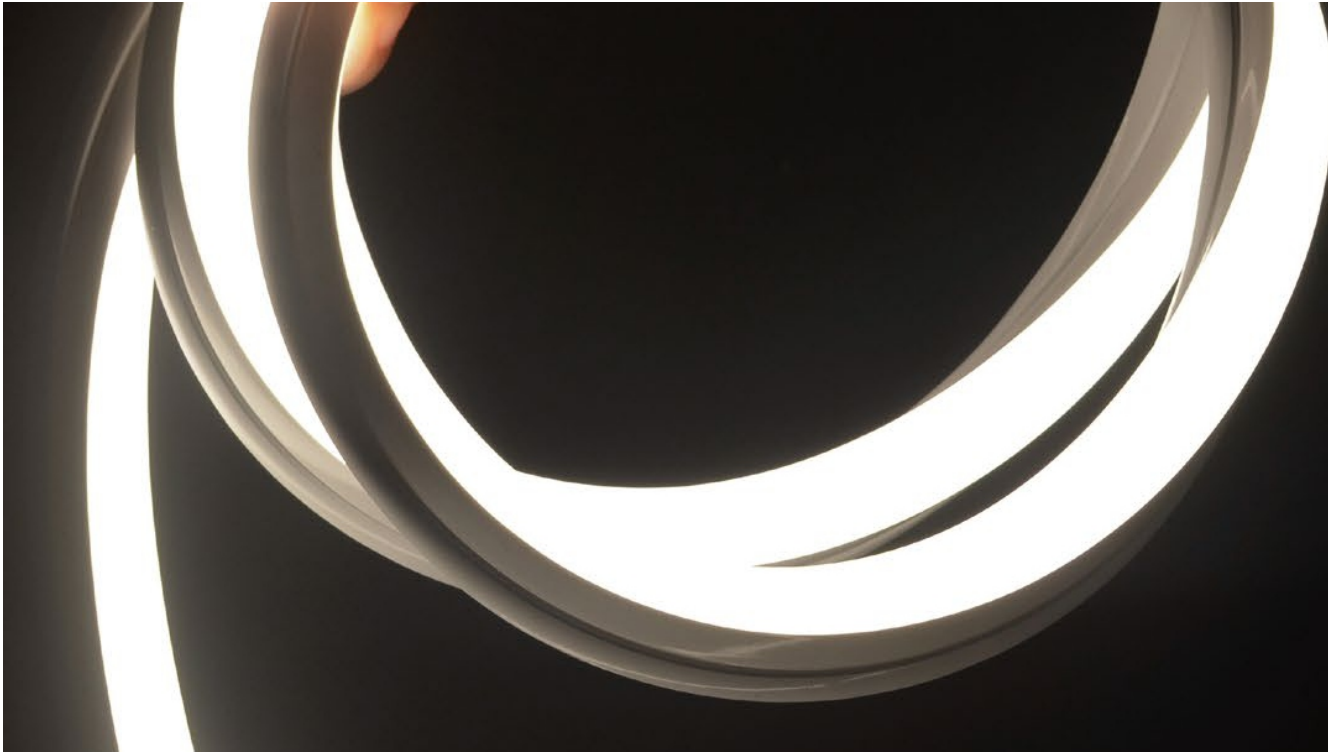
Integral End Cap(IP67)



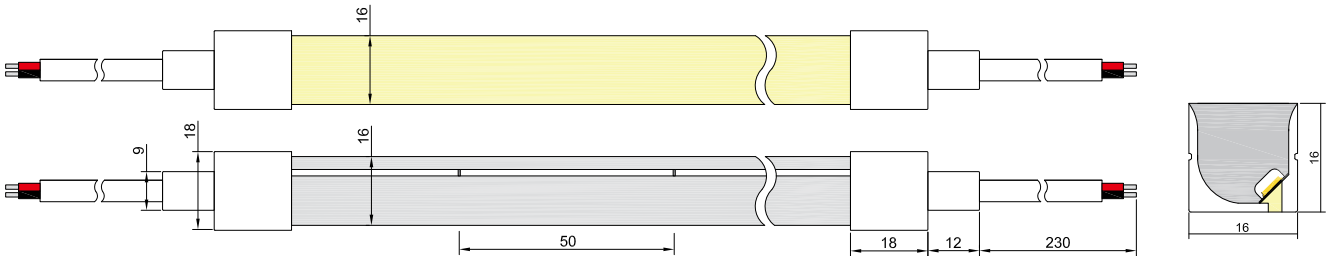
Accessories



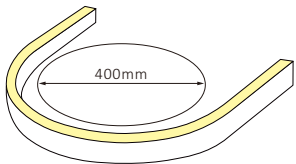
3D Bending | 1616



Dimension (Unit: mm)



Basic Parameters	
Model No.	3DN 1616
PCB Width	6/8mm
Voltage	24V dc
Power(W/m)	10W (14W optional)
Cutting Length	50mm
Max. Run Length	5m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

Single Color Technical Data

Max. Run Length(CV): 5m
Max. Run Length(CC): 10m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	10	>80/90	60	600
	3000K+/-150K	10	>80/90	62	620
	4000K+/-300K	10	>80/90	68	680
	5700K+/-500K	10	>80/90	68	680
	Red	10	/	28	280
	Green	10	/	52	520
	Blue	10	/	12	120
	Yellow	10	/	25	250

CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	5	>80/90	65	325
	6000K	5	>80/90	69	345
	2700K+6000	10	>80/90	67	670

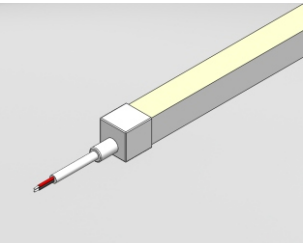
RGB Technical Data

Max. Run Length: 5m
Cutting Length: 50mm

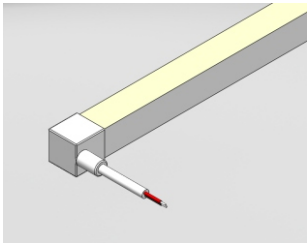
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	3.33	/	25	83.2
	Green	3.33	/	50	166.5
	Blue	3.33	/	11	36.6
	RGB	10	/	31	310

Cable Entry Option

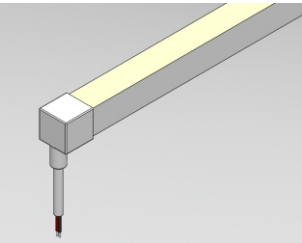
Silicone end cap(IP67)



Front cable entry

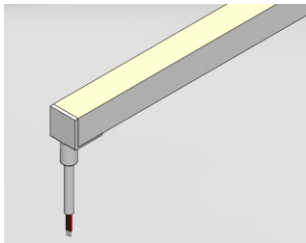


Side cable entry



Bottom cable entry

Integral End Cap(IP65)



Bottom cable entry

Accessories



Entry cap



End cap



Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m/3m)



Stainless steel clip



Moldable channel

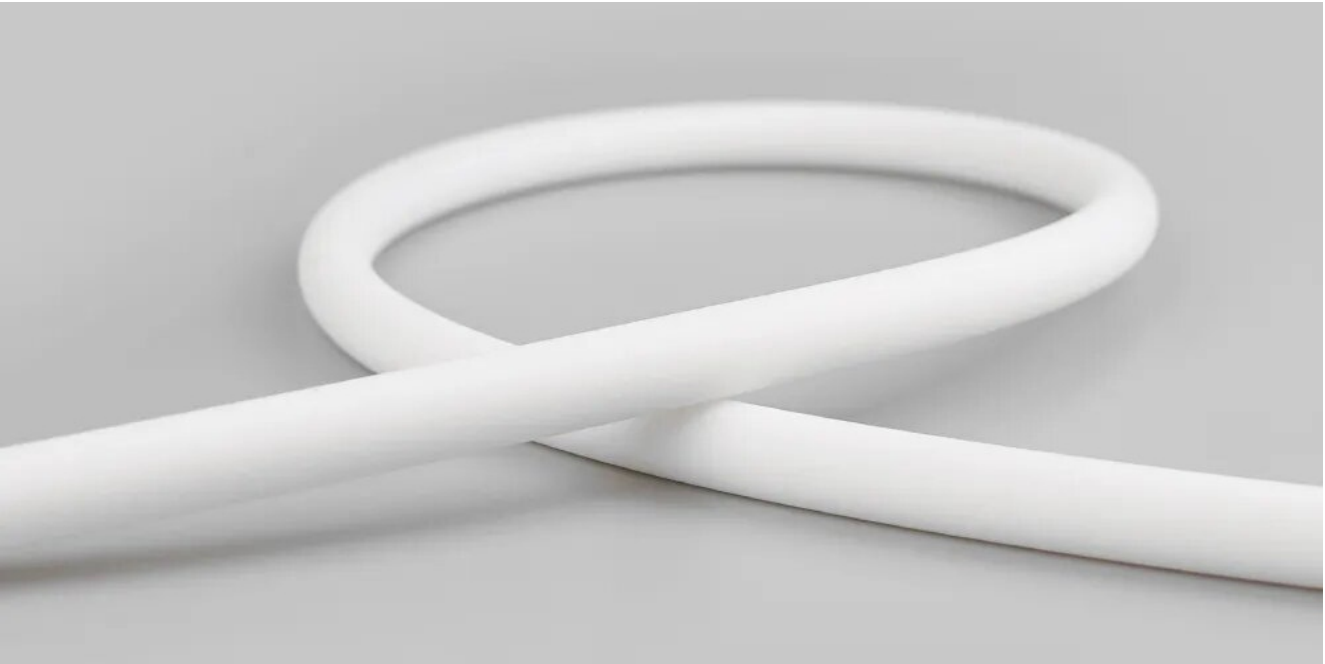
360° EMITTING NEON STRIP

Perfect 360° Illumination:
Innovative optical design delivers uniform light from all angles with zero shadows.

Water-Resistant Performance:
IP65 protection with high-transmittance eco-friendly silicone material.

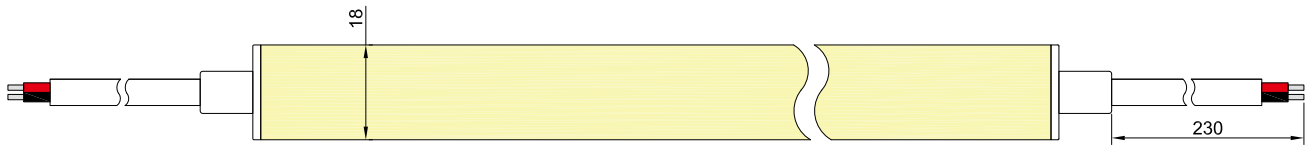
Designer-Ready Flexibility:
Superior toughness and modern aesthetics for creative lighting applications.

Round 360° Lighting | 18mm

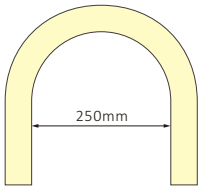
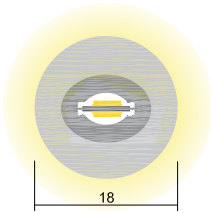


Non professional personnel cannot cut, supporting factory customized length

Dimension (Unit: mm)



Basic Parameters	
Model No.	NSO18
PCB Width	6mm
Voltage	24V dc
Power(W/m)	10W
Cutting Length	6mm(Free cut)
Max. Run Length	5m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

Single Color Technical Data

Max. Run Length(CV): 5m
Cutting Length: 6mm (Free cut)

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	10	>80/90	60	600
	3000K+/-150K	10	>80/90	63	630
	4000K+/-300K	10	>80/90	65	650
	5700K+/-500K	10	>80/90	65	650
	Red	10	/	13	130
	Green	10	/	63	63
	Blue	10	/	7	70
	Yellow	10	/	10	100

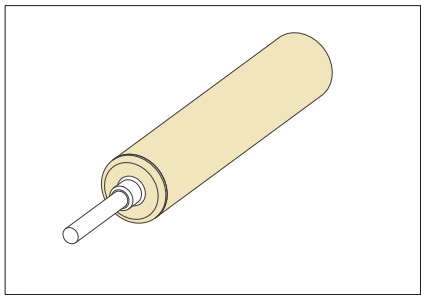
CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 6mm

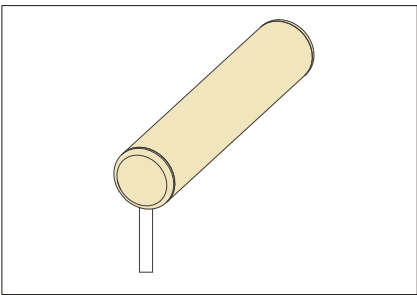
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	5	>80/90	60	300
	6000K	5	>80/90	65	325
	2700K+6000	10	>80/90	62	620

Cable Entry Option

Silicone End Cap



Front Cable Entry



Side Cable Entry

Accessories



Different end cap



PC Clips 25mm
PC Profile 1m



PC Clips 25mm
PC Profile 1m



PC tube



Pendant pole
"I" Shape installation



Ceiling installation
"I" Shape installation



Ceiling installation
"U" Shape installation



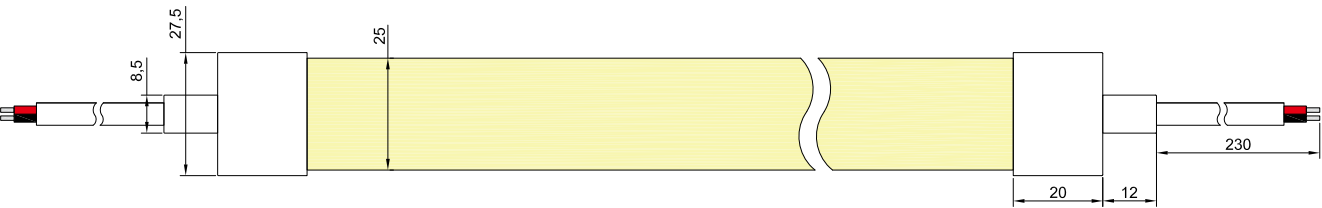
Neon splicing components

Round 360° Lighting | 25mm

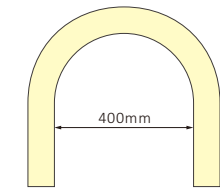
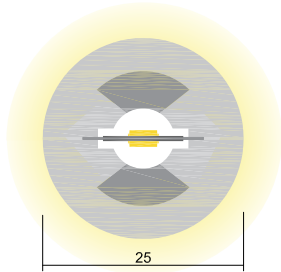


Non professional personnel cannot cut, supporting factory customized length

Dimension (Unit: mm)



Basic Parameters	
Model No.	NSO25
PCB Width	10mm
Voltage	24V dc
Power(W/m)	10/14/19.2W
Cutting Length	50mm
Max. Run Length	5-15m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

Single Color Technical Data

Max. Run Length(CV): 7m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	14	>80/90	63	882
	3000K+/-150K	14	>80/90	65	910
	4000K+/-300K	14	>80/90	70	980
	5700K+/-500K	14	>80/90	70	980
	Red	14	/	25	350
	Green	14	/	50	700
	Blue	14	/	11	154
	Yellow	14	/	20	280

Single Color Technical Data

Max. Run Length(CV): 5m
Cutting Length: 62.5mm
High Lumen

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	19.2	>80	103	1977.6
	3000K+/-150K	19.2	>80	105	2016
	4000K+/-300K	19.2	>80	110	2112
	5700K+/-500K	19.2	>80	110	2112

CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	7	>80/90	62	300
	6000K	7	>80/90	68	325
	2700K+6000	14	>80/90	65	620

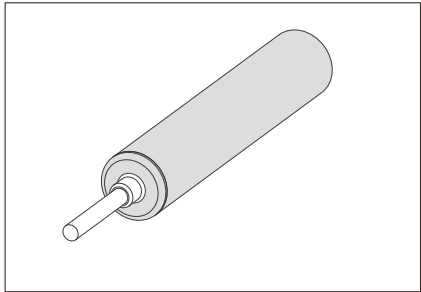
RGB Technical Data

Max. Run Length: 5m
Cutting Length: 50mm

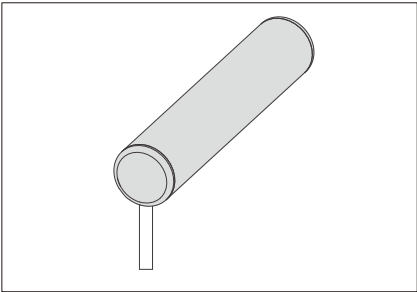
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4.8	/	16	76.8
	Green	4.8	/	47	225.6
	Blue	4.8	/	7	33.6
	RGB	14.4	/	25	360

Cable Entry Option

Silicone End Cap



Front Cable Entry



Side Cable Entry

Accessories



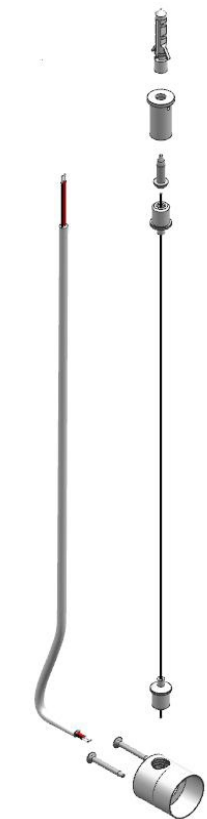
PC Clips /Profile- 1



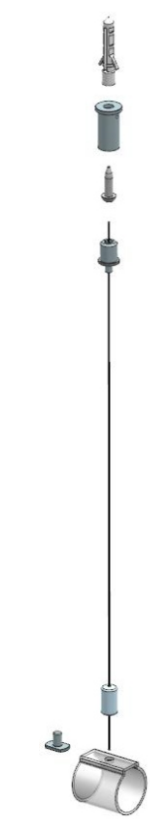
PC Clips/Profile- 2



Pendant pole
“—”Shape installation



Pendant wires
“—”Shape installation



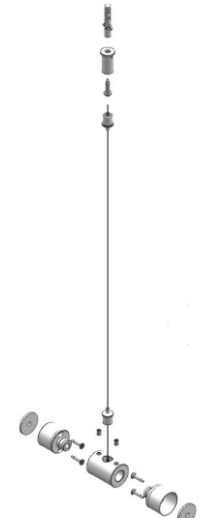
Pendant wires
“—”Shape installation



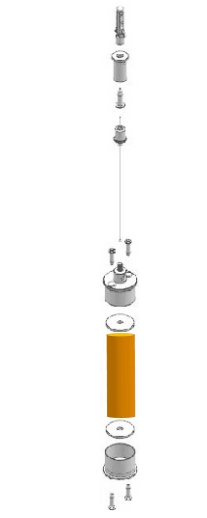
Pendant pole
“—”Shape installation



Pendant pole
“—” Shape installation
“Ω” type installation



Pendant wires
“—” Shape installation
“Ω” type installation



Pendant pole
“I”Shape installation



Pendant wires
“I”Shape installation
“U” type installation



Ceiling installation
“I”Shape installation

LED WALL WASHER

Architectural Illumination Excellence:

Transforms any surface into a striking visual canvas, creating dramatic light effects for both interior and exterior spaces.

Professional-Grade Versatility:

Engineered with flexible optics, adaptable mounting systems, and streamlined installation to achieve precise lighting effects for every project.

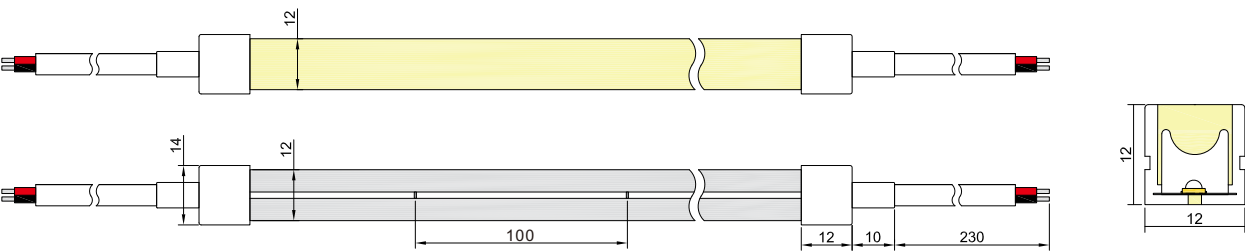
Ideal Applications:

Perfect for enhancing landmarks, commercial facades, bridges, infrastructure, and landscape features with dynamic, uniform illumination.

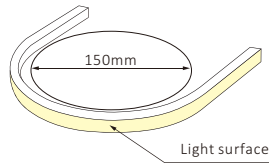
Wall Washer | 1212



Dimension (Unit: mm)



Basic Parameters	
Model No.	NW 1212
Optic lens	30° or 30x55°
PCB Width	10mm
Voltage	24V dc
Power(W/m)	14/18W
Cutting Length	100mm
Max. Run Length	5m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

Single Color Technical Data

Max. Run Length(CV): 5m
Cutting Length: 100mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	14	>90	58	812
	3000K+/-150K	14	>90	60	840
	4000K+/-300K	14	>90	65	910
	6500K+/-500K	14	>90	65	910

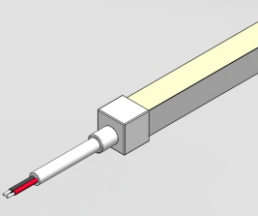
CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 50mm

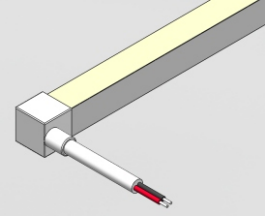
	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	9	>90	58	522
	6000K	9	>90	65	585
	2700K+6000	18	>90	61	1098

Cable Entry Option

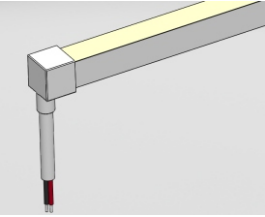
Silicone end cap(IP67)



Front cable entry

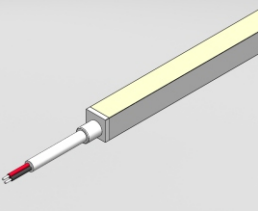


Side cable entry

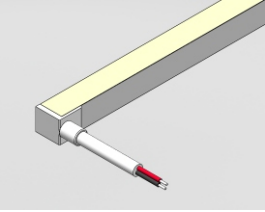


Bottom cable entry

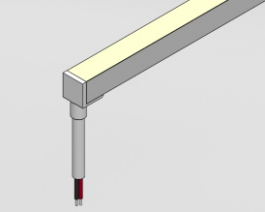
Integral End Cap(IP67)



Front cable entry



Side cable entry



Bottom cable entry

Accessories



Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m/3m)



Adjustable angle base

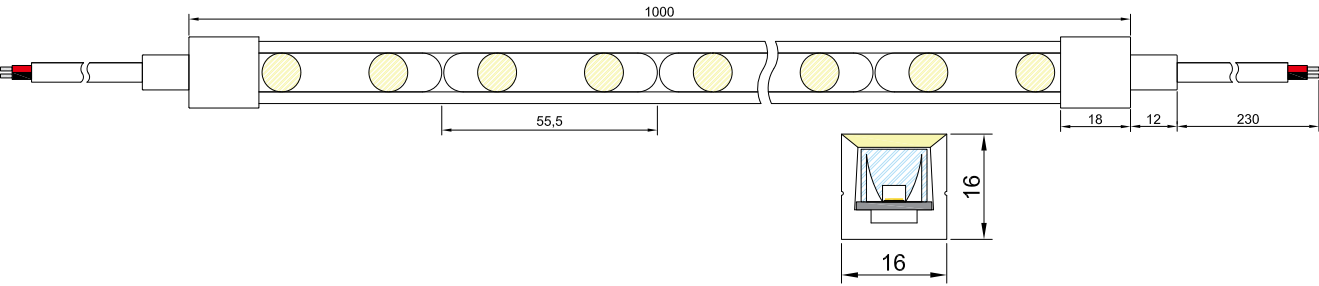


Moldable channel

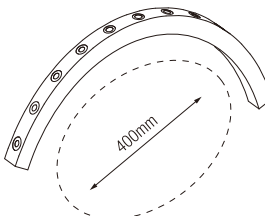
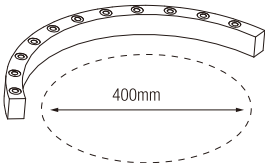
Wall Washer | 1616 (3D)



Dimension (Unit: mm)



Basic Parameters	
Model No.	NW 1616
Optic lens	30° or 30x55°
Waterproof level	IP67
Voltage	24V dc
Power(W/m)	18W
LEDs /m	36pcs
Max. Run Length	5m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

Single Color Technical Data

Max. Run Length(CV): 5m
Cutting Length: 55.5mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	18	>80/90	75	1350
	3000K+/-150K	18	>80/90	76	1368
	4000K+/-300K	18	>80/90	80	1440
	5700K+/-500K	18	>80/90	78	1404
	Red	18	/	13	234
	Green	18	/	52	936
	Blue	18	/	10	180
	Yellow	18	/	12	216

Accessories



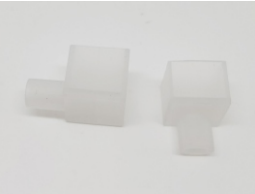
Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m/3m)



Adjustable angle base



Moldable channel



Outlet from the end

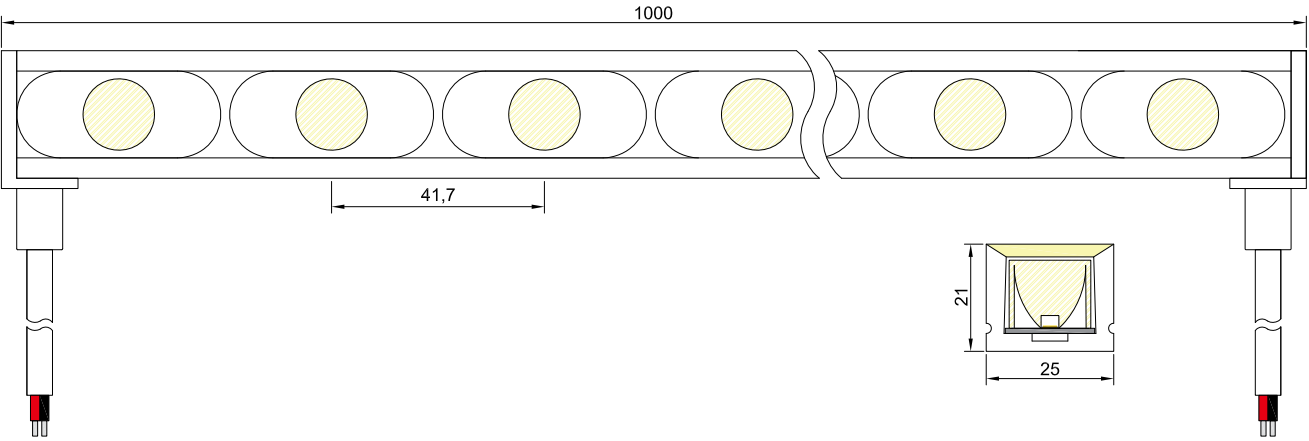


Endcap without hole

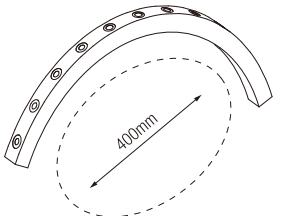
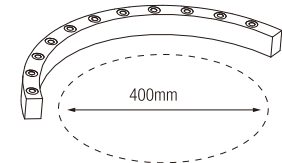
Wall Washer | 2521 (3D)



Dimension (Unit: mm)



Basic Parameters	
Model No.	NW 2521
Optic lens	30° or 25x45°
Waterproof level	IP67
Voltage	24V dc
Power(W/m)	24W
LEDs /m	24pcs
Max. Run Length	5m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

Single Color Technical Data

Max. Run Length: 5m
Cutting Length: 41.7mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	24	>80/90	74	1776
	3000K+/-150K	24	>80/90	76	1824
	4000K+/-300K	24	>80/90	81	1944
	6500K+/-500K	24	>80/90	77	1848

RGB Technical Data

Max. Run Length: 5m
Cutting Length: 166.6mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	8	/	25	200
	Green	8	/	60	480
	Blue	8	/	11	88
	RGB	24	/	29	696

RGBW Technical Data

Max. Run Length: 5m
Cutting Length: 166.6mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	6	/	24	144
	Green	6	/	62	372
	Blue	6	/	12	72
	White	6	80	65	390
	RGBW	24	/	42	1008

Accessories



Aluminum clip (length: 3cm)
Aluminum profile (length: 1m/2m)

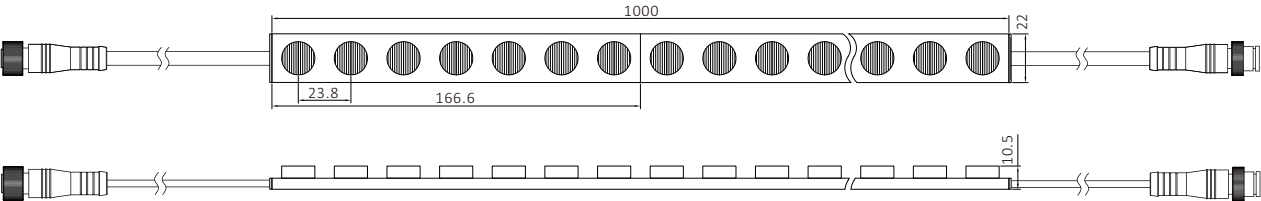


Adjustable angle base

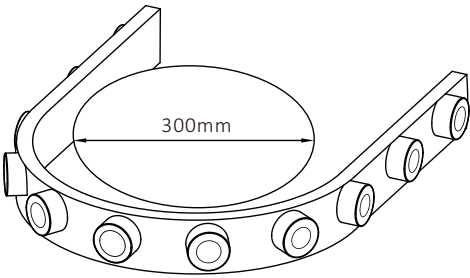
Wall Washer | 2205



Dimension (Unit: mm)



Basic Parameters	
Model No.	NW 2205
Optic lens	30° or 25x45°
Waterproof level	IP67
Voltage	24V dc
Power(W/m)	18W
LEDs /m	42pcs
Max. Run Length	5m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years



Mini bending diameter

Single Color Technical Data

Max. Run Length: 5m
Cutting Length: 166.6mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	18	>80/90	85	1530
	3000K+/-150K	18	>80/90	90	1620
	4000K+/-300K	18	>80/90	100	1800
	6500K+/-500K	18	>80/90	100	1800

RGB Technical Data

Max. Run Length: 5m
Cutting Length: 166.6mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	6	/	34	204
	Green	6	/	73	438
	Blue	6	/	22	132
	RGB	18	/	35	630

RGBW Technical Data

Max. Run Length: 5m
Cutting Length: 166.6mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	4	/	33	132
	Green	4	/	70	280
	Blue	4	/	20	80
	White	4	80	81	324
	RGBW	16	/	46	736

Accessories



Stainless steel clip



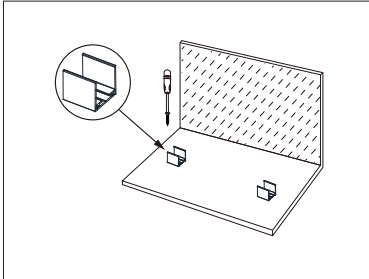
Aluminum profile (length: 1m/2m)



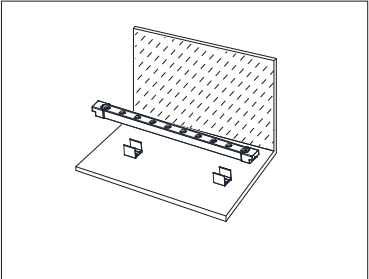
Adjustable angle base

LED Wall Washer Installation Diagram

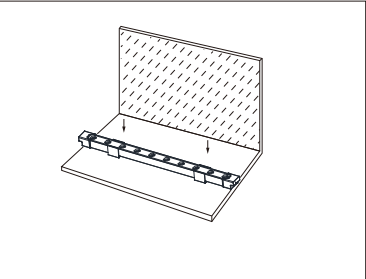
1, Installation with Aluminum Clip



Fix the aluminum clips to the mounting surface with the screwdriver;

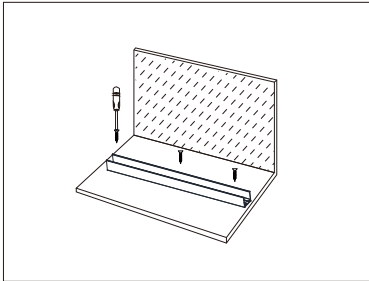


Clamp the wall washer light on the aluminum clips;

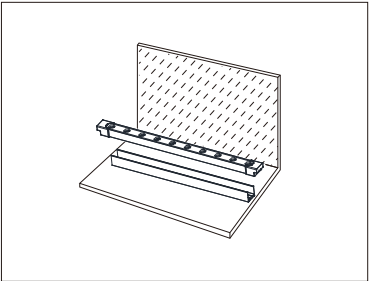


Turn on the power.

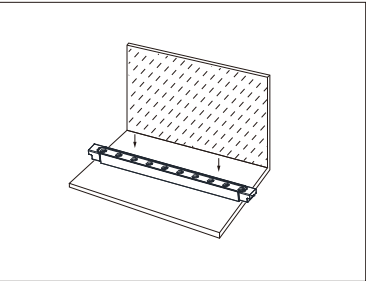
2, Installation with Aluminum Profile



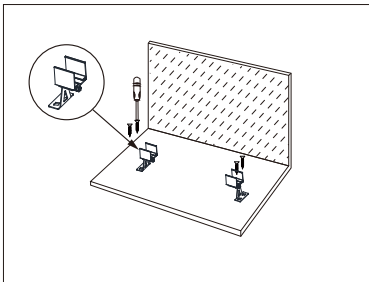
Fix the aluminum profile to the mounting surface with the screwdriver



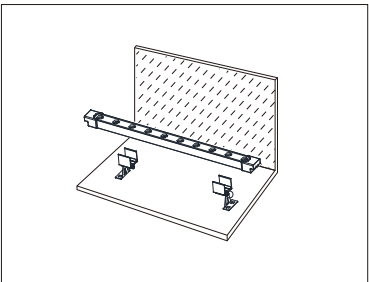
Clamp the wall washer light on the aluminum profile;



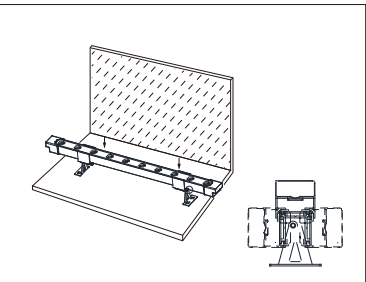
3, Installation with Adjustable Angle Clip + Aluminum Clip



Fix the adjustable angle clips to the mounting surface with the screwdriver, then fix the aluminum clips onto the adjustable angle clips.

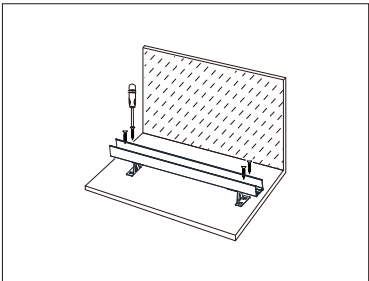


Clamp the wall washer light on the aluminum clips.

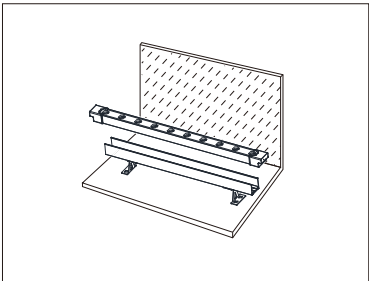


As shown in the schematic diagram in the right corner, adjust the clips to the required angle, and then turn on the power.

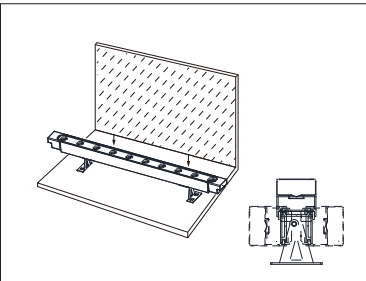
4, Installation with Adjustable Angle Clip + Aluminum Profile



Fix the adjustable angle clips to the mounting surface with the screwdriver, then fix the aluminum profile onto the adjustable angle clips.



Clamp the wall washer light on the aluminum profile.



As shown in the schematic diagram in the right corner, adjust the aluminum profile to the required angle, and then turn on the power.

SKYLINE LIGHTS



Skyline Lights | SK-SL21

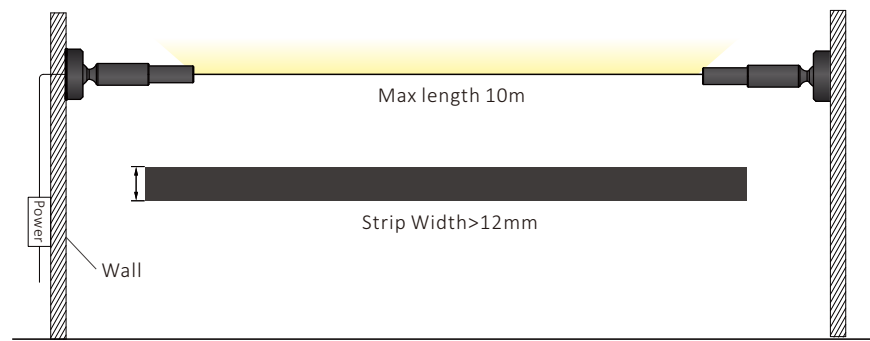
Product Picture



Application



Installation



- Note:
- 1. The installation surface of this product must be solid wood wall, concrete wall, brick wall, etc. Please do not install it on the surface of plaster wall or hollow wall;
 - 2. When cutting and installing the steel strip, please wear goggles and protective gloves. The steel strip is elastic, disassemble the steel strip when it is safe.

Bill of material



1, Plastic Steel Strip



2, Fixed Base



3, Screws



4, LED Strip



5, Scissors

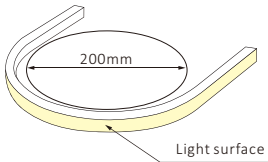
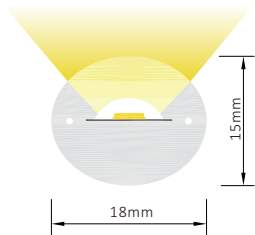
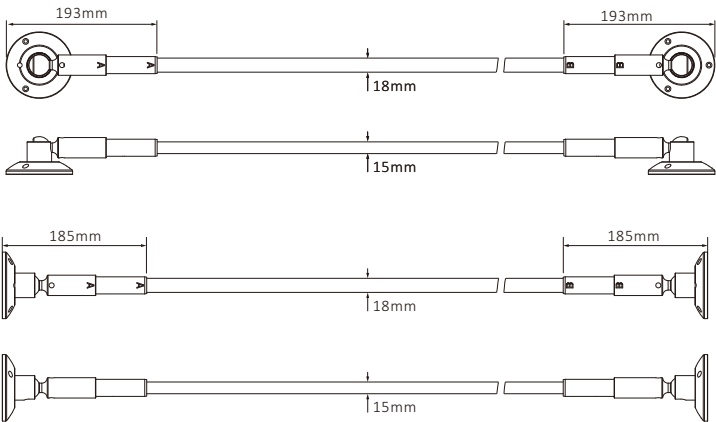


6, Sloves

Skyline Lights | SK-NS1815



Dimension (Unit: mm)



Mini bending diameter

Basic Parameters	
Model No.	SK-NS1815
PCB Width	10mm
Voltage	24V dc
Power(W/m)	10W (14W optional)
Cutting Length	50mm
Max. Run Length	5m
Storage Temperature	-25°C~60°C
Ambient Temperature	Tamin -25°C, Tamax 55°C
Warranty	3 years

Single Color Technical Data

Max. Run Length(CV): 7m
Max. Run Length(CC): 15m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K+/-150K	10	>80/90	64	640
	3000K+/-150K	10	>80/90	67	670
	4000K+/-300K	10	>80/90	70	700
	5700K+/-500K	10	>80/90	70	700
	Red	10	/	28	280
	Green	10	/	68	680
	Blue	10	/	13	130
	Yellow	10	/	26	260

CCT Tunable Technical Data

Max. Run Length: 5m
Cutting Length: 50mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	2700K	5	>80/90	63	315
	6000K	5	>80/90	67	335
	2700K+6000	10	>80/90	65	650

RGB Technical Data

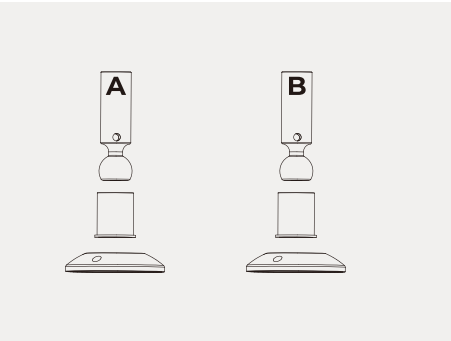
Max. Run Length: 5m
Cutting Length: 62.5mm

	CCT(K)	Power (W/m)	CRI	lm/W	lm/m
	Red	3.33	/	21	69.3
	Green	3.33	/	65	214.5
	Blue	3.33	/	12	39.6
	RGB	10	/	29	290

Accessories



Assembled Dismantled



COB LED STRIP

- Advanced Flip-Chip Technology:**
Leverages state-of-the-art flip-chip design for superior efficiency, reliability, and thermal management.
- High-Density LED Configuration:**
Ensures spotless, uniform illumination with no visible light dots, delivering a flawless lighting experience.
- Seamless, Homogeneous Light Output:**
Provides consistent, smooth lighting across the entire strip, ideal for creating stunning visual effects.
- High Color Rendering Index (CRI):**
Offers exceptional color accuracy and vibrancy, enhancing the true beauty of illuminated spaces.
- Flexible and Cuttable Design:**
Highly adaptable and customizable, allowing easy shaping and cutting to fit diverse applications, from architectural to decorative lighting.
- Wide Range of Color Temperatures:**
Available in various color options to suit any ambiance, from warm to cool lighting, for residential, commercial, or creative projects.

Main Product List

Single color (2700K/3000K/4000K/6000K/Red/Green/Blue)

Chips/m	PCB Width	Voltage	Power	Cutting Length	IP Grade	Notes
320 chips/m	8mm	12V	8W	25mm	IP20/65/67/68	
320 chips/m	8mm	24V	8W	50mm	IP20/65/67/68	
384 chips/m	3mm	12V	7W	25mm	IP20	
384 chips/m	3mm	24V	7W	50mm	IP20	
384 chips/m	5mm	12V	7W/10W	20.8mm	IP20	
384 chips/m	5mm	24V	7W/10W	41.7mm	IP20	
480 chips/m	8mm	24V	8W	50mm	IP20/65/67/68	Ultra-long(15-20m)
480 chips/m	8mm	12V	10W	25mm	IP20/65/67/68	
480 chips/m	8mm	24V	10W	50mm	IP20/65/67/68	
480 chips/m	10mm	12V	10W	25mm	IP20/65/67/68	
480 chips/m	10mm	24V	14W	50mm	IP20/65/67/68	
504 chips/m	10mm	12V	12W	17.85mm	IP20/65/67/68	
504 chips/m	10mm	24V	14W	41.7mm	IP20/65/67/68	
528 chips/m	8mm	12/24V	13W	/	IP20/65/67/68	Any cut
528 chips/m	10mm	12V	14W	22.73mm	IP20/65/67/68	
528 chips/m	10mm	24V	14W	45.45mm	IP20/65/67/68	

Tunable white (2700+6500K)

Chips/m	PCB Width	Voltage	Power	Cutting Length	IP Grade	Notes
608 chips/m	10mm	12V	7W+7W	26.3mm	IP20/65/67/68	
608 chips/m	10mm	24V	7W+7W	26.3mm	IP20/65/67/68	

RGB & RGBW

Chips/m	PCB Width	Voltage	Power	Cutting Length	IP Grade	Notes
RGB 576 chips/m	8mm	12V	10W	31.25mm	IP20/65/67/68	
RGB 576 chips/m	8mm	24V	10W	62.5mm	IP20/65/67/68	
RGB 576 chips/m	10mm	12V	14W	31.25mm	IP20/65/67/68	
RGB 576 chips/m	10mm	24V	14W	62.5mm	IP20/65/67/68	
RGB 756 chips/m	10mm	12V	14W	23.8mm	IP20/65/67/68	
RGB 768 chips/m	10mm	24V	14W	31.26mm	IP20/65/67/68	
RGBW 784 chips/ m	12mm	24V	19W	71.4mm	IP20/65/67	

Pixel chasing

Chips/m	PCB Width	Voltage	Power	Cutting Length	IP Grade	Notes
360 chips/m (Single color)	10mm	24V	12W	83.3mm	IP20/65/67	Ws2811
576 chips/m (TW)	10mm	24V	19W	41.7mm	IP20/65/67	WS2811
720 chips/m (RGB)	10mm	12V	10W	50mm	IP20/65/67	WS2811
720 chips/m (RGB)	10mm	24V	20W	50mm	IP20/65/67	WS2811
784chips/m (RGBW)	10mm	24V	21W	71.4mm	IP20/65/67	Ws2814

High voltage

Chips/m	PCB Width	Voltage	Power	Cutting Length	IP Grade	Notes
296 chips/m	8mm	220~240VAC	10W	125mm	IP65/67/68	

COB Single Color |320 chips/m

Voltage	12/24V dc
Power	8W
Cutting Length	25mm(12V)/50mm(24V)
PCB copper	2oz
Ambient temperature	-20℃~+50℃



CV

CRI 90

5m/reel

Cuttable

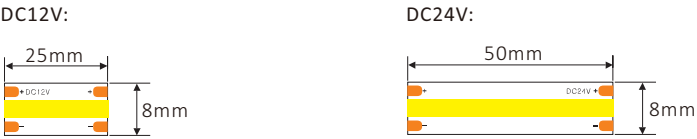
Dimmable

140°

CE

III

Dimension:



Product Feature: 12V 8mm 8W
Model No.: ZNL-FSCOB320UXX-12VN-8mm

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	8W	780lm/m	25mm
4000K	>90	8W	760lm/m	25mm
3000K	>90	8W	720lm/m	25mm
2700K	>90	8W	720lm/m	25mm

Product Feature: 24V 8mm 8W
Model No.: ZNL-FSCOB320UXX-24VN-8mm

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	8W	780lm/m	50mm
4000K	>90	8W	760lm/m	50mm
3000K	>90	8W	720lm/m	50mm
2700K	>90	8W	720lm/m	50mm

Protection Level:



COB Single Color |384 chips/m

Voltage	12/24V dc
Power	7W/10W (3W Optinal)
Cutting Length	20.8mm(12V)/41.7mm(24V)
PCB copper	2oz
Ambient temperature	-20℃~+50℃



CV

CRI 90

5m/reel

Cuttable

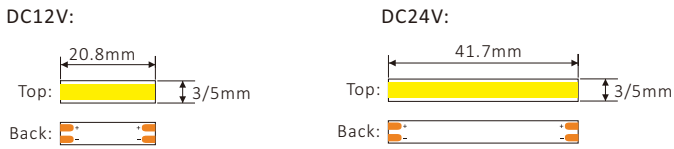
Dimmable

140°

CE

III

Dimension:



Product Feature: 12V 3mm 7W
Model No.: ZNL-FSCOB384UXX-12VN-3mm

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	7W	700lm/m	20.8mm
4000K	>90	7W	700lm/m	20.8mm
3000K	>90	7W	660lm/m	20.8mm
2700K	>90	7W	660lm/m	20.8mm

Product Feature: 12V 3/5mm 10W
Model No.: ZNL-FSCOB384UXX-12VN-5mm

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	10W	950lm/m	20.8mm
4000K	>90	10W	950lm/m	20.8mm
3000K	>90	10W	900lm/m	20.8mm
2700K	>90	10W	900lm/m	20.8mm

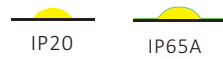
Product Feature: 24V 3mm 7W
Model No.: ZNL-FSCOB384UXX-24VN-3mm

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	7W	700lm/m	41.7mm
4000K	>90	7W	700lm/m	41.7mm
3000K	>90	7W	660lm/m	41.7mm
2700K	>90	7W	660lm/m	41.7mm

Product Feature: 24V 3/5mm 10W
Model No.: ZNL-FSCOB384UXX-24VN-5mm

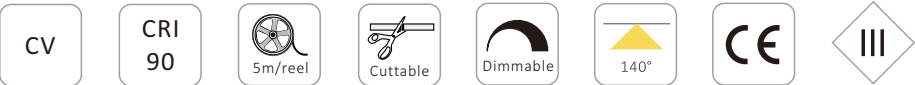
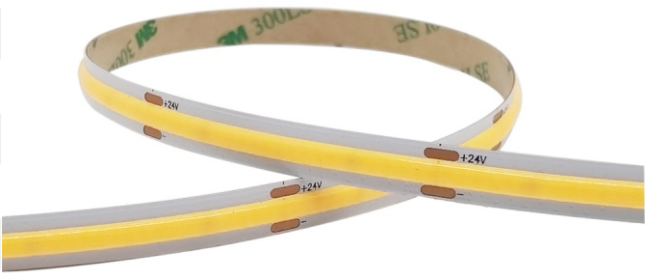
Light color	CRI	Power	lm/m	Cutting length
6000K	>90	10W	950lm/m	41.7mm
4000K	>90	10W	950lm/m	41.7mm
3000K	>90	10W	900lm/m	41.7mm
2700K	>90	10W	900lm/m	41.7mm

Protection Level:

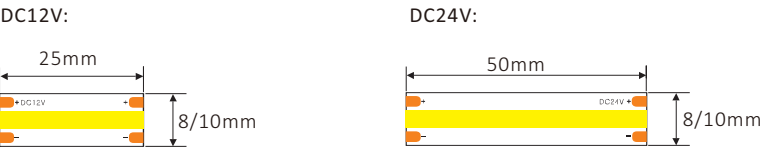


COB Single Color |480 chips/m

Voltage	12/24V dc
Power	10W(8mm)/10W(10mm)/14W(10mm)
Cutting Length	25mm(12V)/50mm(24V)
PCB copper	2oz
Ambient temperature	-20℃~+50℃



Dimension:



Product Feature: 12V 8mm 10W
Model No.: ZNL-FSCOB480UXX-12VN-8mm

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	10W	950lm/m	25mm
4000K	>90	10W	950lm/m	25mm
3000K	>90	10W	900lm/m	25mm
2700K	>90	10W	900lm/m	25mm

Product Feature: 12V 10mm 10W
Model No.: ZNL-FSCOB480UXX-12VN-10mm

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	10W	950lm/m	25mm
4000K	>90	10W	950lm/m	25mm
3000K	>90	10W	900lm/m	25mm
2700K	>90	10W	900lm/m	25mm

Product Feature: 24V 8mm 10W
Model No.: ZNL-FSCOB480UXX-24VN-8mm

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	10W	950lm/m	50mm
4000K	>90	10W	950lm/m	50mm
3000K	>90	10W	900lm/m	50mm
2700K	>90	10W	900lm/m	50mm

Product Feature: 24V 10mm 14W
Model No.: ZNL-FSCOB480UXX-24VN-10mm

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	14W	1330lm/m	50mm
4000K	>90	14W	1330lm/m	50mm
3000K	>90	14W	1250lm/m	50mm
2700K	>90	14W	1250lm/m	50mm

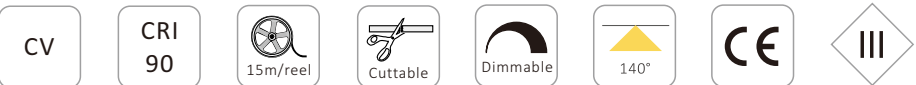
Protection Level:



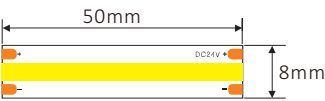
COB Single Color |480 chips/m

(Ultra long-15m)

Voltage	24V dc
Power	8W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20℃~+50℃



Dimension:



Product Feature: 24V 8mm 8W
Model No.: ZNL-FSCOB480UXX-24VN-8mm

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	8W	950lm/m	50mm
4000K	>90	8W	950lm/m	50mm
3000K	>90	8W	900lm/m	50mm
2700K	>90	8W	900lm/m	50mm

Protection Level:



COB Single Color |504 chips/m

Voltage	12/24V dc
Power	12W/14W
Cutting Length	17.85mm(12V)/41.7mm(24V)
PCB copper	2oz
Ambient temperature	-20℃~+50℃



CV

CRI 90

5m/reel

Cuttable

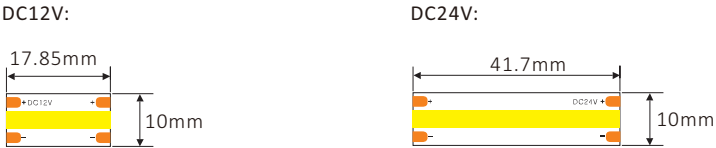
Dimmable

140°

CE

III

Dimension:



Product Feature: 12V 10mm 12W
Model No.: ZNL-FSCOB504UXX-12VN

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	12W	1140lm/m	17.85mm
4000K	>90	12W	1140lm/m	17.85mm
3000K	>90	12W	1080lm/m	17.85mm
2700K	>90	12W	1080lm/m	17.85mm

Product Feature: 24V 10mm 14W
Model No.: ZNL-FSCOB504UXX-24VN

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	14W	1330lm/m	41.7mm
4000K	>90	14W	1330lm/m	41.7mm
3000K	>90	14W	1250lm/m	41.7mm
2700K	>90	14W	1250lm/m	41.7mm

Protection Level:



COB Single Color |528 chips/m

Cutting Free

Voltage	12/24V dc
Power	13W
Cutting Length	Any Cut
PCB copper	2oz
Ambient temperature	-20℃~+50℃



CV

CRI 90

5m/reel

Cuttable

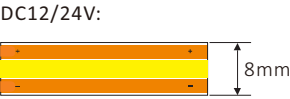
Dimmable

140°

CE

III

Dimension:



Product Feature: 12/24V 8mm 13W
Model No.: ZNL-FSCOB528UXX-12/24VN

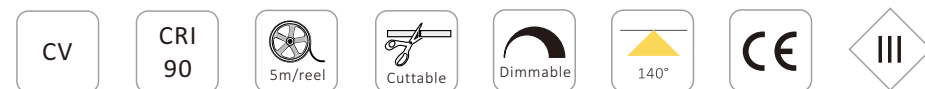
Light color	CRI	Power	lm/m	Cutting length
6000K	>90	13W	1170lm/m	Any cut
4000K	>90	13W	1170lm/m	Any cut
3000K	>90	13W	1100lm/m	Any cut
2700K	>90	13W	1100lm/m	Any cut

Protection Level:



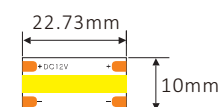
COB Single Color | 528 chips/m

Voltage	12/24V dc
Power	14W
Cutting Length	22.73mm(12V)/45.45mm(24V)
PCB copper	2oz
Ambient temperature	-20℃~+50℃

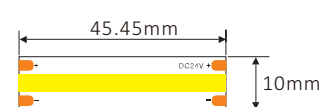


Dimension:

DC12V:



DC24V:



Product Feature: 12V 10mm 14W

Model No.: ZNL-FSCOB528UXX-12VN

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	14W	1330lm/m	22.73mm
4000K	>90	14W	1330lm/m	22.73mm
3000K	>90	14W	1250lm/m	22.73mm
2700K	>90	14W	1250lm/m	22.73mm

Product Feature: 24V 10mm 14W

Model No.: ZNL-FSCOB528UXX-24VN

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	14W	1330lm/m	45.45mm
4000K	>90	14W	1330lm/m	45.45mm
3000K	>90	14W	1250lm/m	45.45mm
2700K	>90	14W	1250lm/m	45.45mm

Protection Level:

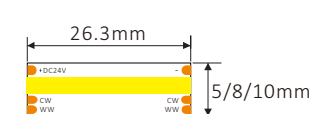
Tunable White |608 chips/m

Voltage	12/24V dc
Power	7W+7W
Cutting Length	26.3mm
PCB copper	2oz
Ambient temperature	-20℃~+50℃

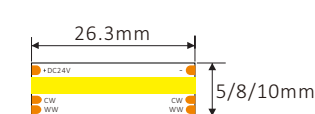


Dimension:

DC12V:



DC24V:



Product Feature: 12V 10mm 14W

Model No.: ZNL-FSCOB608CCT-12VN

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	7W	630lm/m	26.3mm
2700K	>90	7W	560lm/m	26.3mm
2700K+6500K	>90	14W	1190lm/m	26.3mm

Product Feature: 24V 10mm 14W

Model No.: ZNL-FSCOB608CCT-24VN

Light color	CRI	Power	lm/m	Cutting length
6000K	>90	7W	630lm/m	26.3mm
2700K	>90	7W	560lm/m	26.3mm
2700K+6500K	>90	14W	1190lm/m	26.3mm

Protection Level:

RGB |576 chips/m

Voltage	12/24V dc
Power	10W(8mm) 14W(10mm)
Cutting Length	31.25mm(12V)/62.5mm(24V)
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
90

5m/reel

Cutttable

Dimmable

140°

CE

III

Dimension:



Product Feature: 12V 10mm 14W
Model No.: ZNL-FSCOB576RGB-12VN

Light color	CRI	Power	lm/m	Cutting length
R(620-630nm)	/	4.7W	160 lm/m	31.25mm
G(515-525nm)	/	4.7W	330 lm/m	31.25mm
B(460-470nm)	/	4.7W	60 lm/m	31.25mm
RGB	/	14W	550lm/m	31.25mm

Product Feature: 24V 10mm 14W
Model No.: ZNL-FSCOB576RGB-24VN

Light color	CRI	Power	lm/m	Cutting length
R(620-630nm)	/	4.7W	160 lm/m	62.5mm
G(515-525nm)	/	4.7W	330 lm/m	62.5mm
B(460-470nm)	/	4.7W	60 lm/m	62.5mm
RGB	/	14W	550lm/m	62.5mm

Protection Level:



RGB |756/768 chips/m

Voltage	12/24V dc
Power	14W
Cutting Length	23.8mm(12V)/31.26mm(24V)
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
/

5m/reel

Cutttable

Dimmable

140°

CE

III

Dimension:



Product Feature: 12V 10mm 14W
Model No.: ZNL-FSCOB756RGB-12VN

Light color	CRI	Power	lm/m	Cutting length
R(620-630nm)	/	4.7W	180 lm/m	23.8mm
G(515-525nm)	/	4.7W	340 lm/m	23.8mm
B(460-470nm)	/	4.7W	80 lm/m	23.8mm
RGB	/	14W	580 lm/m	23.8mm

Product Feature: 24V 10mm 14W
Model No.: ZNL-FSCOB768RGB-24VN

Light color	CRI	Power	lm/m	Cutting length
R(620-630nm)	/	4.7W	180 lm/m	31.26mm
G(515-525nm)	/	4.7W	340 lm/m	31.26mm
B(460-470nm)	/	4.7W	80 lm/m	31.26mm
RGB	/	14W	580 lm/m	31.26mm

Protection Level:



RGBW |784 chips/m

Voltage	24V dc
Power	19W
Cutting Length	71.4mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI /

5m/reel

Cuttable

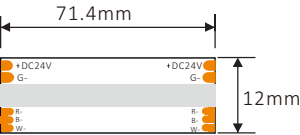
Dimmable

140°

CE

III

Dimension:



Product Feature: 24V 12mm 19W
Model No.: ZNL-FSCOB784RGBW-24VN

Light color	CRI	Power	lm/m	Cutting length
R(620-630nm)	/	4.7W	160 lm/m	71.4mm
G(515-525nm)	/	4.7W	415 lm/m	71.4mm
B(460-470nm)	/	4.7W	85lm/m	71.4mm
White(3000k/4000k/6000k)	90	4.7W	485lm/m	71.4mm
RGBW	/	19W	950lm/m	71.4mm

Protection Level:

IP20

IP65A

IP67A

IP67C

IP68B

SPI White |360 chips/m

WS 2811

Voltage	24V dc
Power	11W
Cutting Length	83.3mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI 90

5m/reel

Cuttable

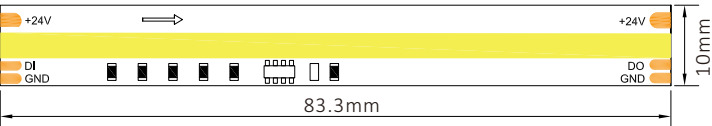
Dimmable

140°

CE

III

Dimension:



Product Feature: 24V 10mm 12W
Model No.: ZNL-FSCOB360UWIC-24VN

Light color	CRI	Power	lm/m	Cutting length
2700K	90	11W	910 lm/m	83.3mm
3000K	90	11W	910lm/m	83.3mm
4000K	90	11W	930lm/m	83.3mm
6000K	90	11W	930lm/m	83.3mm

Protection Level:

IP20

IP65A

IP67A

IP67C

IP68B

SPI Tunable White |576 chips/m

WS 2811

Voltage	24V dc
Power	19W
Cutting Length	41.7mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
90

5m/reel

Cuttable

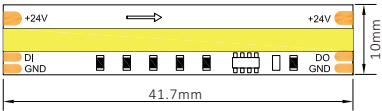
Dimmable

140°

CE

III

Dimension:



Product Feature: 24V 10mm 20W
Model No.: ZNL-FSCOB576CCTIC-24VN

Light color	CRI	Power	lm/m	Cutting length
2700K	90	9.5W	760 lm/m	41.7mm
6500K	90	9.5W	855lm/m	41.7mm

2700K+6500K	90	9.5W+9.5W	1600lm/m	41.7mm
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Protection Level:



SPI RGB |720 chips/m

WS 2811

Voltage	12 24V dc
Power	10 20W
Cutting Length	50mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
/

5m/reel

Cuttable

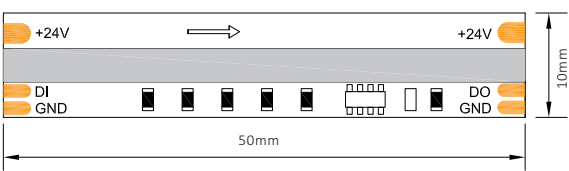
Dimmable

140°

CE

III

Dimension:



Product Feature: 24V 10mm 20W
Model No.: ZNL-FSCOB720RGB-24VN

Light color	CRI	Power 12V 24V	lm/m 12V 24V	Cutting length
Red	/	3.3 6.7W	60 122 lm/m	50mm
Green	/	3.3 6.7W	240 480lm/m	50mm
Blue	/	3.3 6.7W	32 65lm/m	50mm
RGB	/	10 20W	320 740lm/m	50mm

Protection Level:



SPI RGBW |784 chips/m

WS 2814

Voltage	24V dc
Power	21W
Cutting Length	71.4mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI /

5m/reel

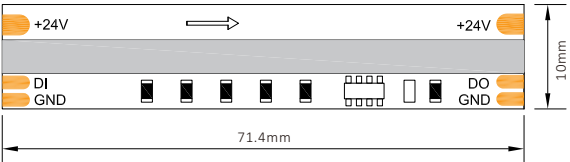
Cutttable

Dimmable

140°

CE

Dimension:



Product Feature: 24V 10mm 21W
Model No.: ZNL-FSCOB784RGB-24VN

Light color	CRI	Power	lm/m	Cutting length
Red	/	5.2W	66 lm/m	71.4mm
Green	/	5.2W	435lm/m	71.4mm
Blue	/	5.2W	69lm/m	71.4mm
White	90	5.2W	340lm/m	71.4mm
RGBW	/	21W	900lm/m	71.4mm

Protection Level:



High Voltage |296 chips/m

AC 220V or 110V

Voltage	220V AC
Power	10W
Cutting Length	125mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI 90

30m/reel

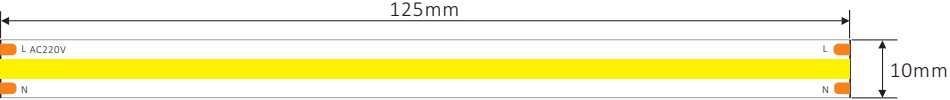
Cutttable

Dimmable

140°

CE

Dimension:



Product Feature: 220V 10W 8mm PCB
Model No.: ZNL-FSCOB296UW-220VN

Light color	CRI	Power	lm/m	Cutting length
2700K	90	10W	750 lm/m	125mm
3000K	90	10W	750lm/m	125mm
4000K	90	10W	800lm/m	125mm
6000K	90	10W	800lm/m	125mm

Protection Level:



2835 LED STRIP

The industry's most versatile and widely adopted LED strip solution

Our 2835 series LED strips deliver exceptional performance across the broadest range of applications. With power options from 2W/m to 30W/m, luminous efficacy reach to 200lm/W, and available in continuous runs up to 50 meters.

Key Specifications

- **Power Range:** 2W/m – 30W/m
- **LED Density:** Up to 240 LEDs/meter for ultra-smooth illumination
- **Efficacy:** Up to 200 lm/W for maximum energy efficiency
- **Max Length:** 50-meter continuous runs
- **IP Ratings:** IP20, IP65, IP67, IP68
- **Colors:** Full color range, tunable white, dynamic effects

Applications

General Lighting: Reliable, energy-efficient illumination for residential and commercial spaces

Architectural Accent: Perfect for ceilings, cove lighting, wall washing, and furniture outlining to create sophisticated ambient atmospheres.

Why Choose 2835 Series

Proven reliability since 2012, our 2835SMD strips combine stable performance with exceptional value. The perfect balance of quality, versatility, and cost-effectiveness makes this series the preferred choice for lighting professionals worldwide.



Main Product List

3/6LEDs/unit (2200K/2400K/2700K/3000K/3500K/4000K/5000K/5700K/6500K/Red/Green/Blue)

LEDs/m	PCB Width	Voltage	Power	Cutting Length
36 LEDs/m	8mm	12V	3.6/6W	83.3mm
36 LEDs/m	8/10mm	24V	3.6/6W	166.7mm
60 LEDs/m	8mm	12V	4.8/6/12W	50mm
60 LEDs/m	8/10mm	24V	4.8/6/12W	100mm
72 LEDs/m	8mm	12V	7W	41.7mm
72 LEDs/m	8/10mm	24V	7/14W	83.3mm
96 LEDs/m	8/10mm	24V	8/16W	62.5mm
120 LEDs/m	5/8mm	12V	4.8/9.6W	25mm
120 LEDs/m	5/8/10mm	24V	4.8/9.6/12/14/19.2/24W	50mm
168 LEDs/m	5/8mm	12V	6/16.8W	17.86mm
180 LEDs/m	5/8mm	24V	14.4/18.5W	33.3mm
240 LEDs/m	10mm	24V	19.2/24W	25mm

7LEDs/unit (2200K/2400K/2700K/3000K/3500K/4000K/5000K/6500K)

LEDs/m	PCB Width	Voltage	Power	Cutting Length
70 LEDs/m	8mm	24V	6/12W	100mm
126 LEDs/m	10mm	24V	8/18W	55.5mm
140 LEDs/m	8/10mm	24V	10/20W	50mm
182 LEDs/m	10mm	24V	18/24W	38.5mm
210 LEDs/m	10mm	24V	14.4/22W	33.3mm

8/9LEDs/unit (2700K/3000K/3500K/4000K/5000K/6500K)

LEDs/m	PCB Width	Voltage	Power	Cutting Length
90 LEDs/m	10mm	24V	4W	100mm
180 LEDs/m	10mm	24V	8.6W	50mm
128 LEDs/m	10mm	24V	8/15W	62.5mm
160 LEDs/m	10mm	24V	10/20W	50mm
256 LEDs/m	15mm	24V	30/40W	31.25mm
160 LEDs/m (561C)	12mm	24V	20W	50mm
240 LEDs/m (561C)	18mm	24V	30W	33.3mm

Ultra Long (2200K/2400K/2700K/3000K/3500K/4000K/5000K/6500K)

LEDs/m	PCB Width	Voltage	Power	Cutting Length
60 LEDs/m	10mm	24V	2.8/6/12W	100mm
120 LEDs/m	10mm	24V	6/12W	50mm
144 LEDs/m	10mm	24V	11.5W	41.7mm
80 LEDs/m	10mm	48V	6/12/18W	50mm
192 LEDs/m	10mm	48V	6/12/18W	62.5mm

2835 3/6LEDs/unit | 36LEDs/m

(San'an)

Voltage	12/24V dc
Power	3.6W/6W
Cutting Length	83.3mm(12V)/166.7mm(24V)
PCB copper	2oz
Ambient temperature	-20℃~+50℃



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

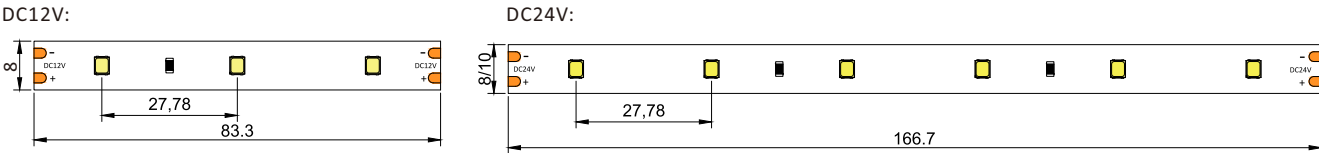
L70/B50
50000h

SDCM
<3/5

CE

III

Dimension (mm):



Product Feature: 36LEDs/m 12/24V 8mm 3.6W (Sanan)

Model No.: ZNL-FS2835UXX36-12/24VN-3.6W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length 12V 24V
6000K	3.6W	396	360	83.3mm 166.7mm
4000K	3.6W	396	360	83.3mm 166.7mm
3000K	3.6W	360	324	83.3mm 166.7mm
2700K	3.6W	360	324	83.3mm 166.7mm

Product Feature: 36LEDs/m 12/24V 10mm 6W (Sanan)

Model No.: ZNL-FS2835UXX36-12/24VN-6W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length 12V 24V
6000K	6W	660	600	83.3mm 166.7mm
4000K	6W	660	600	83.3mm 166.7mm
3000K	6W	600	540	83.3mm 166.7mm
2700K	6W	600	540	83.3mm 166.7mm

R/G/B/P/2200K/2400K available

Protection Level:

IP20

IP65A

IP65C

IP67A

IP67C

IP68B

2835 3/6LEDs/unit | 60LEDs/m

(Sanan SAMSUNG OSRAM Lumileds)

Voltage	12/24V dc
Power	4.8W/6W/12W
Cutting Length	50mm(12V)/100mm(24V)
PCB copper	2oz
Ambient temperature	-20℃~+50℃



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

L70/B50
50000h

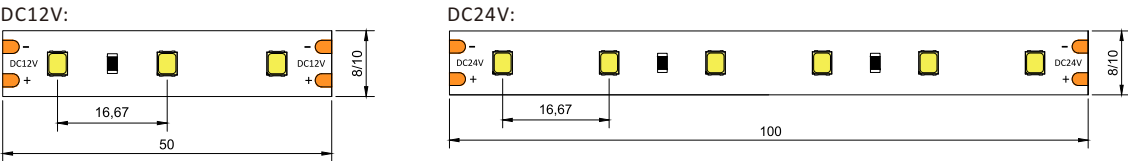
SDCM
<3/5

CE

ECE
R10

III

Dimension (mm):



Product Feature: 60LEDs/m 12/24V 8mm 4.8W (Sanan)

Model No.: ZNL-FS2835UXX60-12/24VN-4.8W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length 12V 24V
6000K	4.8W	528	480	50mm 100mm
4000K	4.8W	528	480	50mm 100mm
3000K	4.8W	480	430	50mm 100mm
2700K	4.8W	480	430	50mm 100mm

Product Feature: 60LEDs/m 12/24V 8mm 6W (Sanan)

Model No.: ZNL-FS2835UXX60-12/24VN-6W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length 12V 24V
6000K	6W	660	600	50mm 100mm
4000K	6W	660	600	50mm 100mm
3000K	6W	600	540	50mm 100mm
2700K	6W	600	540	50mm 100mm

Product Feature: 60LEDs/m 12/24V 10mm 12W (Sanan)

Model No.: ZNL-FS2835UXX60-12/24VN-12W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length 12V 24V
6000K	12W	1320	1200	50mm 100mm
4000K	12W	1320	1200	50mm 100mm
3000K	12W	1200	1080	50mm 100mm
2700K	12W	1200	1080	50mm 100mm

R/G/B/P/2200K/2400K available

Product Feature: 60LEDs/m 12/24V 8mm 4.8W
Model No.: ZNL-FS2835UXX60-12/24VN-4.8W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length 12V 24V
5700/6500K	4.8W	552	528	50mm 100mm
4000K	4.8W	552	528	50mm 100mm
3000K	4.8W	528	504	50mm 100mm
2700K	4.8W	528	480	50mm 100mm

Product Feature: 60LEDs/m 12/24V 8mm 6W
Model No.: ZNL-FS2835UXX60-12/24VN-6W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length 12V 24V
5700/6500K	6 W	690	660	50mm 100mm
4000K	6 W	690	660	50mm 100mm
3000K	6 W	660	630	50mm 100mm
2700K	6 W	660	600	50mm 100mm

Product Feature: 60LEDs/m 12/24V 10mm 12W
Model No.: ZNL-FS2835UXX60-12/24VN-12W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length 12V 24V
5700K/6500K	12W	1380	1260	50mm 100mm
4000K	12W	1380	1260	50mm 100mm
3000K	12W	1320	1200	50mm 100mm
2700K	12W	1320	1140	50mm 100mm

3500K/5000K available

Protection Level: (Sanan)



Protection Level: (SAMSUNG OSRAM)



2835 3/6LEDs/unit | 72LEDs/m

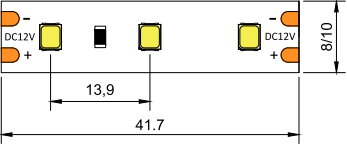
(Sanan)

Voltage	12/24V dc
Power	7W/14W
Cutting Length	41.7mm(12V)/83.3mm(24V)
PCB copper	2oz
Ambient temperature	-20℃~+50℃



Dimension (mm):

DC12V:



DC24V:



Product Feature: 72LEDs/m 12/24V 8mm 7W (Sanan)
Model No.: ZNL-FS2835UXX72-12/24VN-7W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length 12V 24V
6000K	7W	770	700	41.7mm 83.3mm
4000K	7W	770	700	41.7mm 83.3mm
3000K	7W	700	630	41.7mm 83.3mm
2700K	7W	700	630	41.7mm 83.3mm

Product Feature: 72LEDs/m 12/24V 10mm 14W (Sanan)
Model No.: ZNL-FS2835UXX72-12/24VN-14W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length 12V 24V
6000K	14W	1540	1400	41.7mm 83.3mm
4000K	14W	1540	1400	41.7mm 83.3mm
3000K	14W	1400	1260	41.7mm 83.3mm
2700K	14W	1400	1260	41.7mm 83.3mm

R/G/B/P/2200K/2400K available

Protection Level:



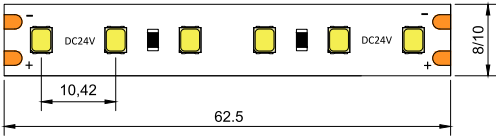
2835 3/6LEDs/unit | 96LEDs/m

(Sanan)

Voltage	24V dc
Power	8W/16W
Cutting Length	62.5mm
PCB copper	2oz
Ambient temperature	-20℃~+50℃



Dimension (mm):



Product Feature: 96LEDs/m 24V 8mm 8W (Sanan)

Model No.: ZNL-FS2835UXX96-24VN-8W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length
6000K	8W	880	800	62.5mm
4000K	8W	880	800	62.5mm
3000K	8W	800	720	62.5mm
2700K	8W	800	720	62.5mm

Product Feature: 96LEDs/m 24V 10mm 16W (Sanan)

Model No.: ZNL-FS2835UXX96-24VN-16W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length
6000K	16W	1760	1600	62.5mm
4000K	16W	1760	1600	62.5mm
3000K	16W	1600	1440	62.5mm
2700K	16W	1600	1440	62.5mm

R/G/B/P/2200K/2400K available

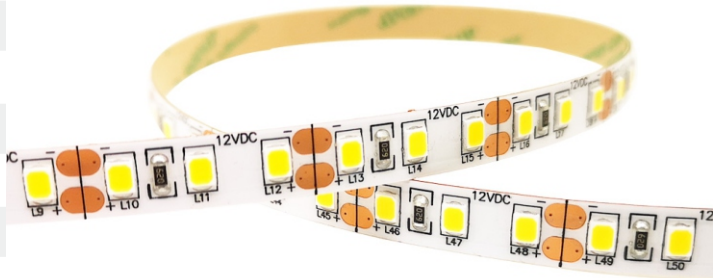
Protection Level:



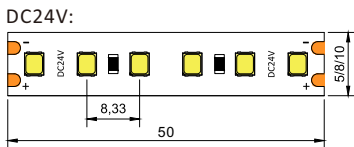
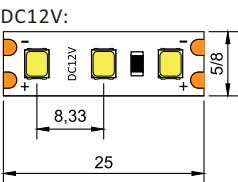
2835 3/6LEDs/unit | 120LEDs/m

(Sanan SAMSUNG OSRAM Lumileds)

Voltage	12/24V dc
Power	4.8W/9.6W/12W/14W/19.2W/24W
Cutting Length	25mm(12V)/50mm(24V)
PCB copper	2/3oz
Ambient temperature	-20℃~+50℃



Dimension (mm):



Product Feature: 120LEDs/m 12/24V 5/8mm 4.8W (Sanan)

Model No.: ZNL-FS2835UXX120-12/24VN-4.8W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length 12V 24V
6000K	4.8W	528	480	25mm 50mm
4000K	4.8W	528	480	25mm 50mm
3000K	4.8W	480	430	25mm 50mm
2700K	4.8W	480	430	25mm 50mm

Product Feature: 120LEDs/m 12/24V 5/8mm 9.6W (Sanan)

Model No.: ZNL-FS2835UXX120-12/24VN-9.6W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length 12V 24V
6000K	9.6W	1050	960	25mm 50mm
4000K	9.6W	1050	960	25mm 50mm
3000K	9.6W	960	860	25mm 50mm
2700K	9.6W	960	860	25mm 50mm

Product Feature: 120LEDs/m 12/24V 8mm 12W (Sanan)

Model No.: ZNL-FS2835UXX120-12/24VN-12W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length 12V 24V
6000K	12W	1320	1200	25mm 50mm
4000K	12W	1320	1200	25mm 50mm
3000K	12W	1200	1080	25mm 50mm
2700K	12W	1200	1080	25mm 50mm

Product Feature: 120LEDs/m 24V 8mm (3oz) 14W (Sanan)
Model No.: ZNL-FS2835UXX120-24VN-14W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length
6000K	14W	1540	1400	50mm
4000K	14W	1540	1400	50mm
3000K	14W	1400	1260	50mm
2700K	14W	1400	1260	50mm

Product Feature: 120LEDs/m 24V 19.2W(8mm 3oz/10mm 2oz) (Sanan)
Model No.: ZNL-FS2835UXX120-24VN-19.2W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length
6000K	19.2W	1900	1800	50mm
4000K	19.2W	1900	1800	50mm
3000K	19.2W	1800	1700	50mm
2700K	19.2W	1800	1700	50mm

Product Feature: 120LEDs/m 24V 10mm(3oz) 24W (Sanan)
Model No.: ZNL-FS2835UXX120-24VN-24W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length
6000K	24W	2400	2280	50mm
4000K	24W	2400	2280	50mm
3000K	24W	2280	2100	50mm
2700K	24W	2280	2100	50mm

R/G/B/P/2200K/2400K available

Product Feature: 120LEDs/m 12/24V 5/8mm 9.6W
Model No.: ZNL-FS2835UXX120-12/24VN-9.6W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length 12V 24V
5700K/6500K	9.6W	1100	1056	25mm 50mm
4000K	9.6W	1100	1056	25mm 50mm
3000K	9.6W	1050	1008	25mm 50mm
2700K	9.6W	1050	960	25mm 50mm

Product Feature: 120LEDs/m 24V 8mm 12W
Model No.: ZNL-FS2835UXX120-24VN-12W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length
5700K/6500K	12W	1380	1320	50mm
4000K	12W	1380	1320	50mm
3000K	12W	1320	1260	50mm
2700K	12W	1320	1200	50mm

Product Feature: 120LEDs/m 24V 8mm(3oz) 14W
Model No.: ZNL-FS2835UXX120-24VN-14W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length
5700K/6500K	14W	1600	1470	50mm
4000K	14W	1600	1470	50mm
3000K	14W	1540	1400	50mm
2700K	14W	1540	1330	50mm

Product Feature: 120LEDs/m 24V 19.2W (8mm 3oz/10mm 2oz)
Model No.: ZNL-FS2835UXX120-24VN-19.2W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length
5700K/6500K	19.2W	2200	2016	50mm
4000K	19.2W	2200	2016	50mm
3000K	19.2W	2000	1920	50mm
2700K	19.2W	2000	1824	50mm

3500K/5000K available

Protection Level: (Sanan)



Protection Level: (SAMSUNG OSRAM)



2835 3/6LEDs/unit | 168LEDs/m

(Sanan)

Voltage	12V dc
Power	6W/16.8W
Cutting Length	17.86mm
PCB copper	2/3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

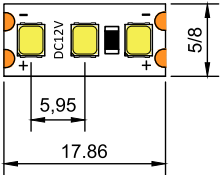
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 168LEDs/m 12V 5/8mm 6W (Sanan)

Model No.: ZNL-FS2835UXX168-12VN-6W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length
6000K	6W	660	600	17.86mm
4000K	6W	660	600	17.86mm
3000K	6W	600	540	17.86mm
2700K	6W	600	540	17.86mm

Product Feature: 168LEDs/m 12V 8mm(3oz) 16.8W (Sanan)

Model No.: ZNL-FS2835UXX168-12VN-16.8W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length
6000K	16.8W	1760	1600	17.86mm
4000K	16.8W	1760	1600	17.86mm
3000K	16.8W	1600	1440	17.86mm
2700K	16.8W	1600	1440	17.86mm

R/G/B/P/2200K/2400K available

Protection Level:



2835 3/6LEDs/unit | 180LEDs/m

(Sanan)

Voltage	24V dc
Power	14.4W/18.5W
Cutting Length	33.3mm
PCB copper	2/3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

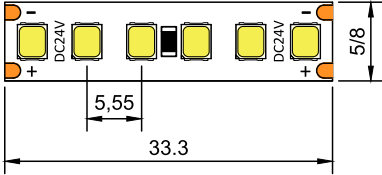
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 180LEDs/m 24V 5/8mm 14.4W (Sanan)

Model No.: ZNL-FS2835UXX180-24VN-14.4W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length
6000K	14.4W	1600	1440	33.3mm
4000K	14.4W	1600	1440	33.3mm
3000K	14.4W	1440	1300	33.3mm
2700K	14.4W	1440	1300	33.3mm

Product Feature: 180LEDs/m 24V 8mm(3oz) 18.5W (Sanan)

Model No.: ZNL-FS2835UXX180-24VN-18.5W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length
6000K	18.5W	2000	1850	33.3mm
4000K	18.5W	2000	1850	33.3mm
3000K	18.5W	1850	1660	33.3mm
2700K	18.5W	1850	1660	33.3mm

R/G/B/P/2200K/2400K available

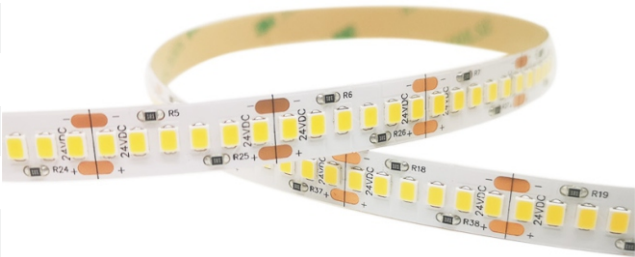
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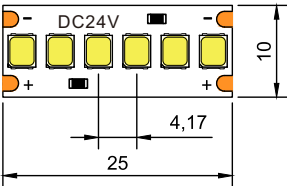
2835 3/6LEDs/unit | 240LEDs/m

(Sanan)

Voltage	24V dc
Power	19.2/24W
Cutting Length	25mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Product Feature: 240LEDs/m 24V 10mm 19.2W (Sanan)

Model No.: ZNL-FS2835UXX240-24VN-19.2W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length
6000K	19.2W	2100	1920	25mm
4000K	19.2W	2100	1920	25mm
3000K	19.2W	1920	1700	25mm
2700K	19.2W	1920	1700	25mm

Product Feature: 240LEDs/m 24V 10mm 24W (Sanan)

Model No.: ZNL-FS2835UXX240-24VN-24W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Cutting length
6000K	24W	2640	2400	25mm
4000K	24W	2640	2400	25mm
3000K	24W	2400	2160	25mm
2700K	24W	2400	2160	25mm

R/G/B/P/2200K/2400K available

Protection Level:



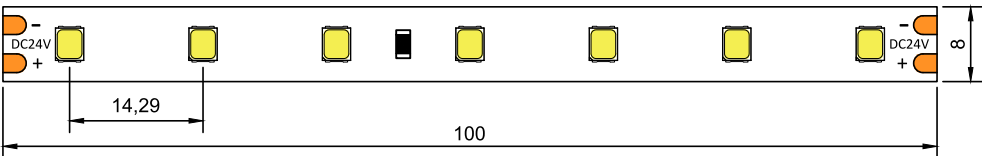
2835 7LEDs/unit | 70LEDs/m

(SAMSUNG OSRAM Lumileds)

Voltage	24V dc
Power	6W/12W
Cutting Length	100mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Product Feature: 70LEDs/m 24V 8mm 6W

Model No.: ZNL-FS2835UXX70-24VN-6W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLM53.CM	Cutting length
5700K/6500K	6W	780	750	100mm
4000K	6W	780	750	100mm
3000K	6W	750	720	100mm
2700K	6W	720	690	100mm

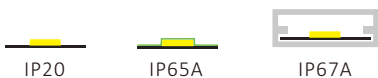
Product Feature: 70LEDs/m 24V 8mm 12W

Model No.: ZNL-FS2835UXX70-24VN-12W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLM53.CM	Cutting length
5700K/6500K	12W	1500	1440	100mm
4000K	12W	1500	1440	100mm
3000K	12W	1440	1380	100mm
2700K	12W	1380	1320	100mm

3500K/5000K available

Protection Level:



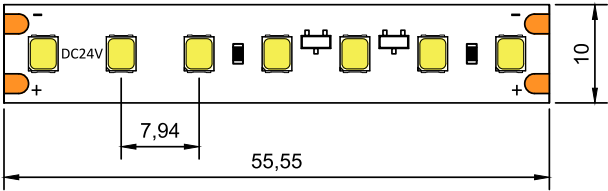
2835 7LEDs/unit | 126LEDs/m

(SAMSUNG OSRAM Lumileds)

Voltage	24V dc
Power	8W/18W
Cutting Length	55.5mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Product Feature: 126LEDs/m 24V 10mm 8W

Model No.: ZNL-FS2835UXX126-24VN-8W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length
5700K/6500K	8W	1040	1000	55.55mm
4000K	8W	1040	1000	55.55mm
3000K	8W	1000	960	55.55mm
2700K	8W	960	920	55.55mm

Product Feature: 126LEDs/m 24V 10mm 18W

Model No.: ZNL-FS2835UXX126-24VN-18W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length
5700K/6500K	18W	2250	2160	55.55mm
4000K	18W	2250	2160	55.55mm
3000K	18W	2160	2070	55.55mm
2700K	18W	2070	1980	55.55mm

3500K/5000K available

Protection Level:



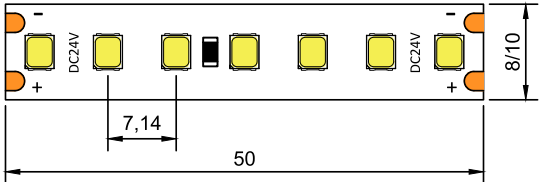
2835 7LEDs/unit | 140LEDs/m

(SAMSUNG OSRAM Lumileds)

Voltage	24V dc
Power	10W/20W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Product Feature: 140LEDs/m 24V 8mm 10W

Model No.: ZNL-FS2835UXX140-24VN-10W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length
5700K/6500K	10W	1300	1250	50mm
4000K	10W	1300	1250	50mm
3000K	10W	1250	1200	50mm
2700K	10W	1200	1150	50mm

Product Feature: 140LEDs/m 24V 10mm 20W

Model No.: ZNL-FS2835UXX140-24VN-20W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length
5700K/6500K	20W	2500	2400	50mm
4000K	20W	2500	2400	50mm
3000K	20W	2400	2300	50mm
2700K	20W	2300	2200	50mm

3500K/5000K available

Protection Level:



2835 7LEDs/unit | 182LEDs/m

(SAMSUNG OSRAM Lumileds)

Voltage	24V dc
Power	18W/24W
Cutting Length	38.46mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

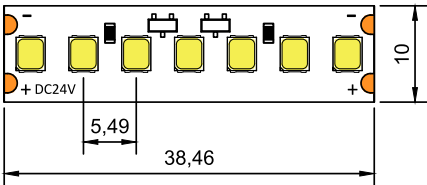
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 182LEDs/m 24V 10mm 18W
Model No.: ZNL-FS2835UXX182-24VN-18W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length
5700K/6500K	18W	2340	2250	38.46mm
4000K	18W	2340	2250	38.46mm
3000K	18W	2250	2160	38.46mm
2700K	18W	2160	2160	38.46mm

Product Feature: 182LEDs/m 24V 10mm 24W
Model No.: ZNL-FS2835UXX182-24VN-24W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length
5700K/6500K	24W	3000	2880	38.46mm
4000K	24W	3000	2880	38.46mm
3000K	24W	2880	2760	38.46mm
2700K	24W	2760	2640	38.46mm

3500K/5000K available

Protection Level:



2835 7LEDs/unit | 210LEDs/m

(SAMSUNG OSRAM Lumileds)

Voltage	24V dc
Power	14.4W/22W
Cutting Length	33.33mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

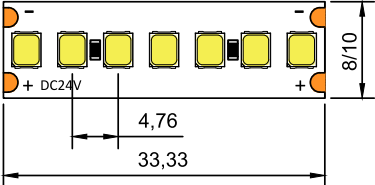
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 210LEDs/m 24V 10mm 14.4W
Model No.: ZNL-FS2835UXX210-24VN-14.4W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length
5700K/6500K	14.4W	1870	1800	33.33mm
4000K	14.4W	1870	1800	33.33mm
3000K	14.4W	1800	1728	33.33mm
2700K	14.4W	1700	1656	33.33mm

Product Feature: 210LEDs/m 24V 10mm 22W
Model No.: ZNL-FS2835UXX210-24VN-22W

Light color	Power	lm/m (CRI80) SAMSUNG LM281BA+	lm/m (CRI90) OSRAM JTLMS3.CM	Cutting length
5700K/6500K	22W	2860	2640	33.33mm
4000K	22W	2860	2640	33.33mm
3000K	22W	2640	2530	33.33mm
2700K	22W	2530	2420	33.33mm

3500K/5000K available

Protection Level:



2835 9LEDs/unit | 90LEDs/m

Hi-Efficiency(Sanan)

Voltage	24V dc
Power	4W
Cutting Length	100mm
PCB copper	3oz
Ambient temperature	-20℃~+50℃



CV

CRI
80

5m/reel

Cuttable

Dimmable

120°

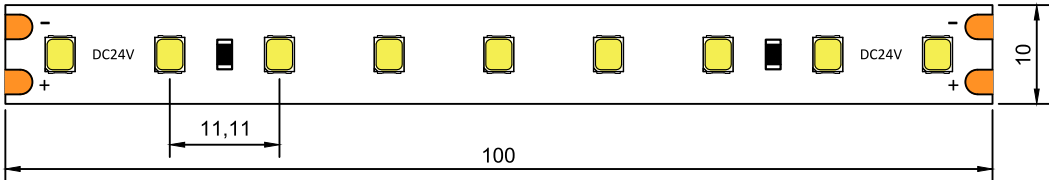
L70/B50
50000h

SDCM
<3/5

CE

III

Dimension (mm):



Product Feature: 90LEDs/m 24V 10mm 4W
Model No.: ZNL-FS2835UXX90-24VN

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	4W	200	800	100mm
4000K	4W	210	840	100mm
3000K	4W	205	820	100mm
2700K	4W	200	800	100mm

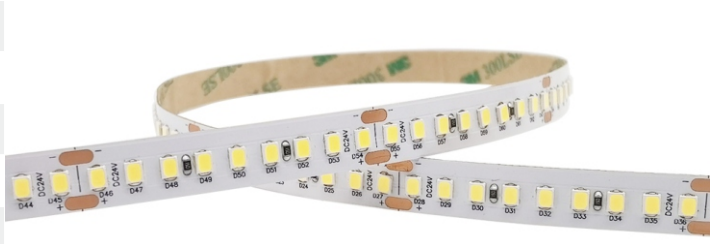
Protection Level:



2835 9LEDs/unit | 180LEDs/m

Hi-Efficiency(Sanan)

Voltage	24V dc
Power	8.6W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20℃~+50℃



CV

CRI
80

5m/reel

Cuttable

Dimmable

120°

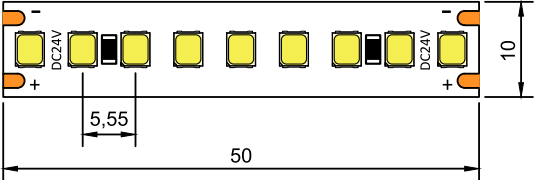
L70/B50
50000h

SDCM
<3/5

CE

III

Dimension (mm):



Product Feature: 180LEDs/m 24V 10mm 8.6W
Model No.: ZNL-FS2835UXX180-24VN

Light color	Power	lm/w (CRI80)	lm/m (CRI80)	Cutting length
6500K	8.6W	200	1720	50mm
4000K	8.6W	210	1800	50mm
3000K	8.6W	205	1760	50mm
2700K	8.6W	200	1720	50mm

Protection Level:



2835 8LEDs/unit | 128LEDs/m

Hi-Efficiency(Sanan SAMSUNG Bridgelux)

Voltage	24V dc
Power	8W/15W
Cutting Length	62.5mm
PCB copper	3oz
Ambient temperature	-20℃~+50℃



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

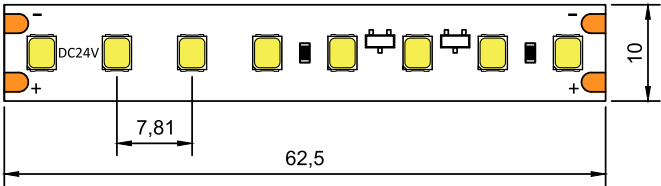
L70/B50
50000h

SDCM
<3/5

CE

III

Dimension (mm):



Product Feature: 128LEDs/m 24V 10mm 8W (Sanan)

Model No.: ZNL-FS2835UXX128-24VN-8W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	8W	195	1560	62.5mm
4000K	8W	195	1560	62.5mm
3000K	8W	185	1480	62.5mm
2700K	8W	175	1400	62.5mm

Product Feature: 128LEDs/m 24V 10mm 15W (Sanan)

Model No.: ZNL-FS2835UXX128-24VN-15W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	15W	190	2850	62.5mm
4000K	15W	190	2850	62.5mm
3000K	15W	180	2700	62.5mm
2700K	15W	170	2550	62.5mm

Product Feature: 128LEDs/m 24V 10mm 8W (SAMSUNG LM281B+ SE)

Model No.: ZNL-FS2835UXX128-24VN-8W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	8W	165	1320	62.5mm
4000K	8W	165	1320	62.5mm
3000K	8W	160	1280	62.5mm
2700K	8W	150	1200	62.5mm

Product Feature: 128LEDs/m 24V 10mm 15W (SAMSUNG LM281B+ SE)

Model No.: ZNL-FS2835UXX128-24VN-15W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	15W	160	2400	62.5mm
4000K	15W	160	2400	62.5mm
3000K	15W	155	2325	62.5mm
2700K	15W	145	2175	62.5mm

Product Feature: 128LEDs/m 24V 10mm 8W (Bridgelux 11L-3A)

Model No.: ZNL-FS2835UXX128-24VN-8W

Light color	Power	lm/W (CRI90)	lm/m (CRI90)	Cutting length
6500K	8W	155	1240	62.5mm
4000K	8W	160	1280	62.5mm
3000K	8W	155	1240	62.5mm
2700K	8W	150	1200	62.5mm

Product Feature: 128LEDs/m 24V 10mm 15W (Bridgelux 11L-3A)

Model No.: ZNL-FS2835UXX128-24VN-15W

Light color	Power	lm/W (CRI90)	lm/m (CRI90)	Cutting length
6500K	15W	155	2325	62.5mm
4000K	15W	160	2400	62.5mm
3000K	15W	155	2325	62.5mm
2700K	15W	150	2250	62.5mm

3500K/5000K available

Protection Level: (Sanan)



Protection Level: (SAMSUNG Bridgelux)



2835 8LEDs/unit | 160LEDs/m

Hi-Efficiency(Sanan SAMSUNG Bridgelux)

Voltage	24V dc
Power	10W/20W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20℃~+50℃



CV

CRI
80/90

5m/reel

Cutttable

Dimmable

120°

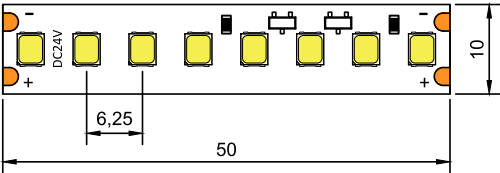
L70/B50
50000h

SDCM
<3/5

CE

III

Dimension (mm):



Product Feature: 160LEDs/m 24V 10mm 10W (Sanan)
Model No.: ZNL-FS2835UXX160-24VN-10W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	10W	195	1950	50mm
4000K	10W	195	1950	50mm
3000K	10W	185	1850	50mm
2700K	10W	175	1750	50mm

Product Feature: 160LEDs/m 24V 10mm 20W (Sanan)
Model No.: ZNL-FS2835UXX160-24VN-20W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	20W	190	3800	50mm
4000K	20W	190	3800	50mm
3000K	20W	180	3600	50mm
2700K	20W	170	3400	50mm

Product Feature: 160LEDs/m 24V 10mm 10W (SAMSUNG LM281B+ SE)
Model No.: ZNL-FS2835UXX160-24VN-10W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	10W	165	1650	50mm
4000K	10W	165	1650	50mm
3000K	10W	160	1600	50mm
2700K	10W	150	1500	50mm

Product Feature: 160LEDs/m 24V 10mm 20W (SAMSUNG LM281B+ SE)
Model No.: ZNL-FS2835UXX160-24VN-20W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	20W	160	3200	50mm
4000K	20W	160	3200	50mm
3000K	20W	155	3100	50mm
2700K	20W	145	2900	50mm

Product Feature: 160LEDs/m 24V 10mm 10W (Bridgelux 11L-3A)
Model No.: ZNL-FS2835UXX160-24VN-10W

Light color	Power	lm/W (CRI90)	lm/m (CRI90)	Cutting length
6500K	10W	155	1550	50mm
4000K	10W	160	1600	50mm
3000K	10W	155	1550	50mm
2700K	10W	150	1500	50mm

Product Feature: 160LEDs/m 24V 10mm 20W (Bridgelux 11L-3A)
Model No.: ZNL-FS2835UXX160-24VN-20W

Light color	Power	lm/W (CRI90)	lm/m (CRI90)	Cutting length
6500K	20W	155	3100	50mm
4000K	20W	160	3200	50mm
3000K	20W	155	3100	50mm
2700K	20W	150	3000	50mm

3500K/5000K available

Protection Level: (Sanan)



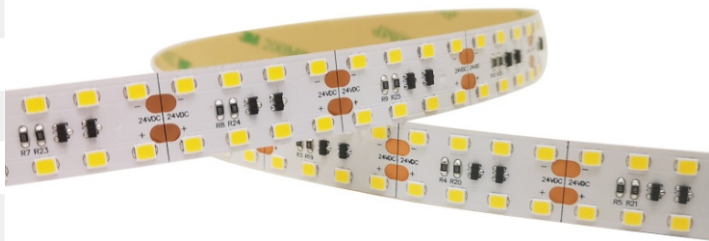
Protection Level: (SAMSUNG Bridgelux)



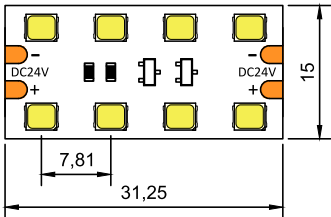
2835 8LEDs/unit | 256LEDs/m

Hi-Efficiency(Sanan SAMSUNG Bridgelux)

Voltage	24V dc
Power	30W/40W
Cutting Length	31.25mm
PCB copper	3oz
Ambient temperature	-20℃~+50℃



Dimension (mm):



Product Feature: 256LEDs/m 24V 15mm 30W (Sanan)

Model No.: ZNL-FS2835UXX256-24VN-30W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	30W	190	5700	31.25mm
4000K	30W	190	5700	31.25mm
3000K	30W	180	5400	31.25mm
2700K	30W	170	5100	31.25mm

Product Feature: 256LEDs/m 24V 15mm 40W (Sanan)

Model No.: ZNL-FS2835UXX256-24VN-40W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	40W	185	7400	31.25mm
4000K	40W	185	7400	31.25mm
3000K	40W	175	7000	31.25mm
2700K	40W	165	6600	31.25mm

Product Feature: 256LEDs/m 24V 15mm 30W (SAMSUNG LM281B+ SE)

Model No.: ZNL-FS2835UXX256-24VN-30W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	30W	160	4800	31.25mm
4000K	30W	160	4800	31.25mm
3000K	30W	155	4650	31.25mm
2700K	30W	145	4350	31.25mm

Product Feature: 256LEDs/m 24V 15mm 40W (SAMSUNG LM281B+ SE)

Model No.: ZNL-FS2835UXX256-24VN-40W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	40W	155	6200	31.25mm
4000K	40W	155	6200	31.25mm
3000K	40W	150	6000	31.25mm
2700K	40W	140	5600	31.25mm

Product Feature: 256LEDs/m 24V 15mm 30W (Bridgelux 11L-3A)

Model No.: ZNL-FS2835UXX256-24VN-30W

Light color	Power	lm/W (CRI90)	lm/m (CRI90)	Cutting length
6500K	30W	155	4650	31.25mm
4000K	30W	160	4800	31.25mm
3000K	30W	155	4650	31.25mm
2700K	30W	150	4500	31.25mm

Product Feature: 256LEDs/m 24V 15mm 40W (Bridgelux 11L-3A)

Model No.: ZNL-FS2835UXX256-24VN-40W

Light color	Power	lm/W (CRI90)	lm/m (CRI90)	Cutting length
6500K	40W	155	6200	31.25mm
4000K	40W	160	6400	31.25mm
3000K	40W	155	6200	31.25mm
2700K	40W	150	6000	31.25mm

3500K/5000K available

Protection Level: (Sanan)



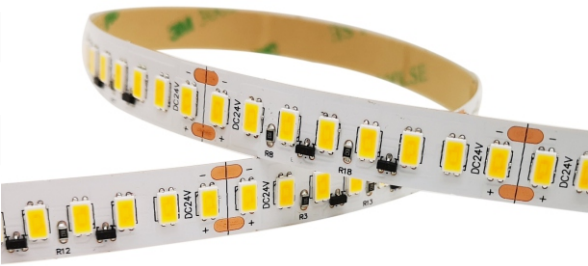
Protection Level: (SAMSUNG Bridgelux)



5630 8LEDs/unit | 160LEDs/m

Hi-Efficiency(SAMSUNG LM561C)

Voltage	24V dc
Power	20W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

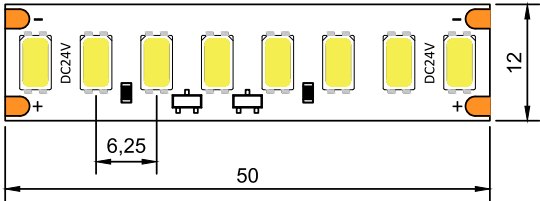
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 160LEDs/m 24V 12mm 20W
Model No.: ZNL-FS5630UXX160-24VN-20W

Light color	Power	lm/W (CRI80)	lm/m (CRI80)	Cutting length
6500K	20W	185	3700	50mm
4000K	20W	185	3700	50mm
3000K	20W	175	3500	50mm
2700K	20W	165	3300	50mm

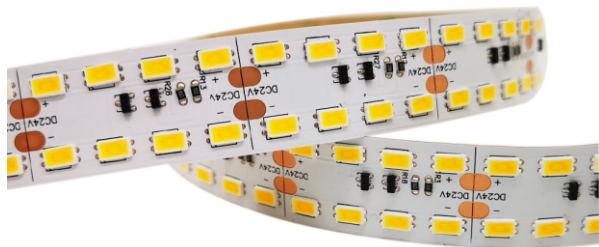
Protection Level:



5630 8LEDs/unit | 240LEDs/m

Hi-Efficiency (SAMSUNG LM561C)

Voltage	24V dc
Power	30W
Cutting Length	33.3mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80

5m/reel

Cuttable

Dimmable

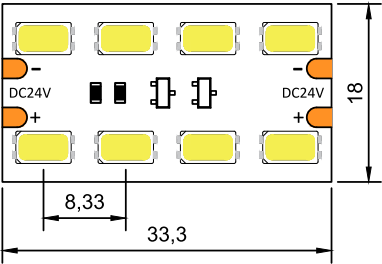
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 240LEDs/m 24V 18mm 30W
Model No.: ZNL-FS5630UXX240-24VN

Light color	Power	lm/w (CRI80)	lm/m (CRI80)	Cutting length
6500K	30W	185	5550	33.3mm
4000K	30W	185	5550	33.3mm
3000K	30W	175	5250	33.3mm
2700K	30W	165	4950	33.3mm

Protection Level:



2835 Ultra long | 60LEDs/m

SAMSUNG Sanan

Voltage	24V dc
Power	2.8W/6W/12W
Cutting Length	100mm
PCB copper	3/4oz
Ambient temperature	-20℃~+50℃



CV

CRI
80/90

15m/reel

Cutttable

Dimmable

120°

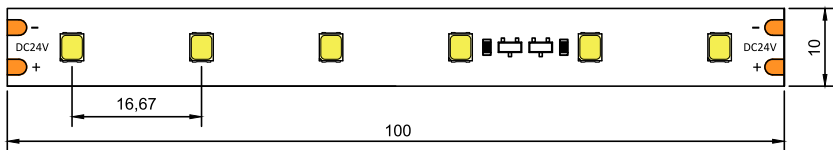
L70/B50
50000h

SDCM
<3/5

CE



Dimension (mm):



Product Feature: 60LEDs/m 24V 10mm 2.8W (Sanan 4oz)

Model No.: ZNL-FS2835UXX60-24VN-2.8W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	2.8W	316	280	40m
4000K	2.8W	316	280	40m
3000K	2.8W	294	252	40m
2700K	2.8W	294	252	40m

Product Feature: 60LEDs/m 24V 10mm 6W (Sanan 3oz)

Model No.: ZNL-FS2835UXX60-24VN-6W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	6W	660	600	25m
4000K	6W	660	600	25m
3000K	6W	600	540	25m
2700K	6W	600	540	25m

Product Feature: 60LEDs/m 24V 10mm 12W (Sanan 3oz)

Model No.: ZNL-FS2835UXX60-24VN-12W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	12W	1320	1200	15m
4000K	12W	1320	1200	15m
3000K	12W	1200	1080	15m
2700K	12W	1200	1080	15m

R/G/B/P/2200K/2400K available

Product Feature: 60LEDs/m 24V 10mm 2.8W (4oz SAMSUNG LM281BA+)

Model No.: ZNL-FS2835UXX60-24VN-2.8W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	2.8W	330	340	40m
4000K	2.8W	330	340	40m
3000K	2.8W	308	270	40m
2700K	2.8W	308	270	40m

Product Feature: 60LEDs/m 24V 10mm 6W (3oz SAMSUNG LM281BA+)

Model No.: ZNL-FS2835UXX60-24VN-6W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	6W	690	630	25m
4000K	6W	690	630	25m
3000K	6W	660	570	25m
2700K	6W	660	570	25m

Product Feature: 60LEDs/m 24V 10mm 12W (3oz SAMSUNG LM281BA+)

Model No.: ZNL-FS2835UXX60-24VN-12W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	12W	1380	1260	15m
4000K	12W	1380	1260	15m
3000K	12W	1320	1140	15m
2700K	12W	1320	1140	15m

3500K/5000K available

Protection Level: (Sanan)



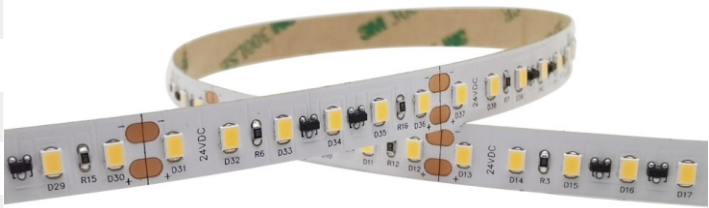
Protection Level: (SAMSUNG)



2835 Ultra long | 120LEDs/m

Sanan

Voltage	24V dc
Power	12W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

15m/reel

Cuttable

Dimmable

120°

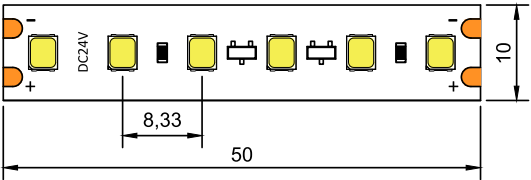
L70/B50
50000h

SDCM
<3/5

CE

III

Dimension (mm):



Product Feature: 120LEDs/m 24V 10mm 12W
Model No.: ZNL-FS2835UXX120-24VN-12W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	12W	1320	1200	15m
4000K	12W	1320	1200	15m
3000K	12W	1200	1100	15m
2700K	12W	1200	1100	15m

Protection Level:



2835 Ultra long | 144LEDs/m

Sanan

Voltage	24V dc
Power	11.5W
Cutting Length	41.7mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80

15m/reel

Cuttable

Dimmable

120°

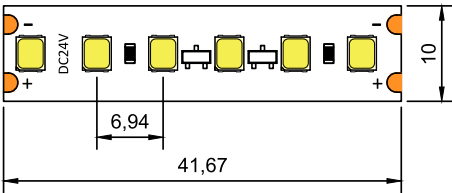
L70/B50
50000h

SDCM
<3/5

CE

III

Dimension (mm):



Product Feature: 144LEDs/m 24V 10mm 11.5W
Model No.: ZNL-FS2835UXX144-24VN-11.5W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	11.5W	1260	1150	15m
4000K	11.5W	1260	1150	15m
3000K	11.5W	1150	1090	15m
2700K	11.5W	1150	1090	15m

Protection Level:



2835 Ultra long | 80LEDs/m

48V Sanan

Voltage	48V dc
Power	6W/12W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

50m/35m

Cuttable

Dimmable

120°

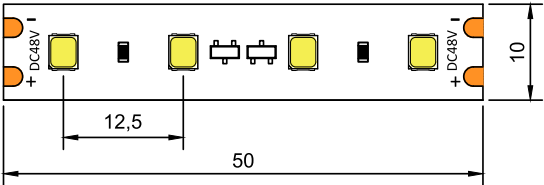
L70/B50
50000h

SDCM
<3/5

CE

III

Dimension (mm):



Product Feature: 80LEDs/m 48V 10mm 6W
Model No.: ZNL-FS2835UXX80-48VN-6W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	6W	660	600	50m
4000K	6W	660	600	50m
3000K	6W	600	550	50m
2700K	6W	600	550	50m

Product Feature: 80LEDs/m 48V 10mm 12W
Model No.: ZNL-FS2835UXX80-48VN-12W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	12W	1320	1200	35m
4000K	12W	1320	1200	35m
3000K	12W	1200	1100	35m
2700K	12W	1200	1100	35m

Protection Level:

IP20

IP65A

IP65C

IP67A

IP67C

IP68B

2835 Ultra long | 192LEDs/m

48V Sanan

Voltage	48V dc
Power	6W/12W
Cutting Length	62.5mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80

15m/reel

Cuttable

Dimmable

120°

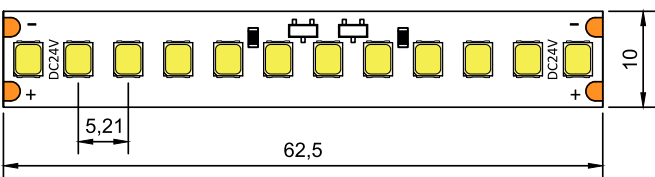
L70/B50
50000h

SDCM
<3/5

CE

III

Dimension (mm):



Product Feature: 192LEDs/m 48V 10mm 6W
Model No.: ZNL-FS2835UXX192-48VN-6W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	6W	630	580	50m
4000K	6W	630	580	50m
3000K	6W	580	545	50m
2700K	6W	580	545	50m

Product Feature: 192LEDs/m 48V 10mm 12W
Model No.: ZNL-FS2835UXX192-48VN-12W

Light color	Power	lm/m (CRI80)	lm/m (CRI90)	Max length
6500K	12W	1260	1150	35m
4000K	12W	1260	1150	35m
3000K	12W	1150	1090	35m
2700K	12W	1150	1090	35m

Protection Level:

IP20

IP65A

IP65C

IP67A

IP67C

IP68B

2216 LED STRIP

Reinforced Bracket, better bending resistance.
Smaller led, more space for marvelous design.
Matched with various aluminum profiles and optical covers,
no dots, to meet different lighting design requirements.

Main Product List

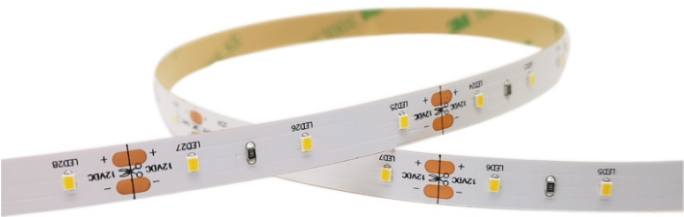
3/6LEDs/unit (2200K/2400K/2700K/3000K/3500K/4000K/5000K/6500K)

LEDs/m	PCB Width	Voltage	Power	Cutting Length
60 LEDs/m	8mm	12V	4.8W	50mm
120 LEDs/m	4/8mm	12/24V	4.8/9.6/12W	25/50mm
180 LEDs/m	4/8mm	12/24V	14.4W	33.3mm
240 LEDs/m	8mm	12/24V	19.2W	12.5/25mm
300 LEDs/m	8mm	24V	24W	20mm
420 LEDs/m	8mm	24V	32W	14.28mm

2216 3LEDs/unit | 60 LEDs/m

(Sanan)

Voltage	12V dc
Power	4.8W
Cutting Length	50mm
PCB copper	2oz
Ambient temperature	-20℃~+50℃



CV

CRI
90

5m/reel

Cuttable

Dimmable

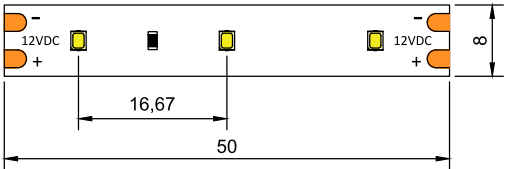
120°

L70/B50
50000h

SDCM
<3

CE

Dimension (mm):



Product Feature: 2216 60LEDs/m 12V 8mm 4.8W
Model No.: ZNL-FS2216UXX60-12VN-4.8W

Light color	Power	CRI	lm/m	Cutting length
6500K	4.8W	90	420	50mm
4000K	4.8W	90	420	50mm
3000K	4.8W	90	380	50mm
2700K	4.8W	90	360	50mm

Protection Level:

IP20

IP65A

IP67A

IP67C

IP68B

2216 3/6LEDs/unit | 120 LEDs/m 8mm

(Sanan)

Voltage	12/24V dc
Power	9.6W/12W
Cutting Length	25mm(12V)/50mm(24V)
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI 90

5m/reel

Cuttable

Dimmable

120°

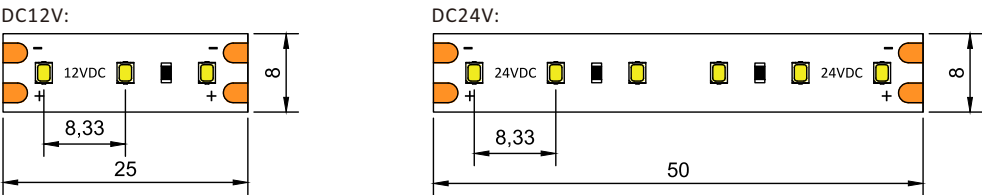
L70/B50 50000h

SDCM <3

CE

III

Dimension (mm):



Product Feature: 2216 120LEDs/m 12/24V 9.6W
Model No.: ZNL-FS2216UXX120-12/24VN-9.6W

Light color	Power	CRI	lm/m	Cutting length 12V 24V
6000K	9.6W	90	860	25mm 50mm
4000K	9.6W	90	860	25mm 50mm
3000K	9.6W	90	768	25mm 50mm
2700K	9.6W	90	720	25mm 50mm

Product Feature: 2216 120LEDs/m 12/24V 12W
Model No.: ZNL-FS2216UXX120-12/24VN-12W

Light color	Power	CRI	lm/m	Cutting length 12V 24V
6000K	12W	90	1080	25mm 50mm
4000K	12W	90	1080	25mm 50mm
3000K	12W	90	960	25mm 50mm
2700K	12W	90	900	25mm 50mm

Protection Level:



120 LEDs/m 4mm

Voltage	12V dc
Power	4.8W/9.6W
Cutting Length	25mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI 90

5m/reel

Cuttable

Dimmable

120°

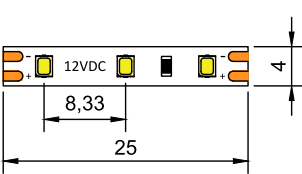
L70/B50 50000h

SDCM <3

CE

III

Dimension (mm):



Product Feature: 120LEDs/m 12V 4mm 4.8W
Model No.: ZNL-FS2216UXX120-12VN-4.8W

Light color	Power	CRI	lm/m	Cutting length
6000K	4.8W	90	430	25mm
4000K	4.8W	90	430	25mm
3000K	4.8W	90	384	25mm
2700K	4.8W	90	360	25mm

Product Feature: 120LEDs/m 12V 4mm 9.6W
Model No.: ZNL-FS2216UXX120-12VN-9.6W

Light color	Power	CRI	lm/m	Cutting length
6000K	9.6W	90	860	25mm
4000K	9.6W	90	860	25mm
3000K	9.6W	90	768	25mm
2700K	9.6W	90	720	25mm

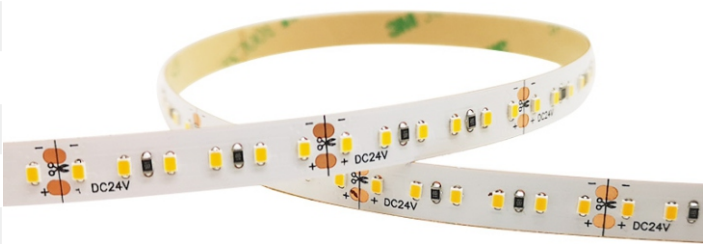
Protection Level:



2216 6LEDs/unit | 180 LEDs/m

(Sanan)

Voltage	24V dc
Power	14.4W
Cutting Length	33.3mm
PCB copper	3oz
Ambient temperature	-20℃~+50℃



CV

CRI
90

5m/reel

Cuttable

Dimmable

120°

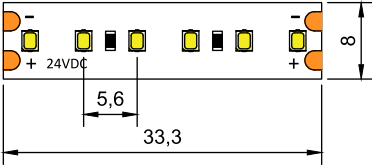
L70/B50
50000h

SDCM
<3

CE

III

Dimension (mm):



Product Feature: 180LEDs/m 24V 8mm 14.4W
Model No.: ZNL-FS2216UXX180-24VN

Light color	Power	CRI	lm/m	Cutting length
6000K	14.4W	90	1220	33.3mm
4000K	14.4W	90	1220	33.3mm
3000K	14.4W	90	1150	33.3mm
2700K	14.4W	90	1080	33.3mm

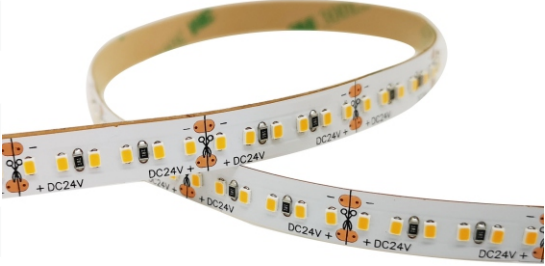
Protection Level:



2216 6LEDs/unit | 240 LEDs/m

(Sanan)

Voltage	24V dc
Power	19.2W
Cutting Length	25mm
PCB copper	3oz
Ambient temperature	-20℃~+50℃



CV

CRI
90

5m/reel

Cuttable

Dimmable

120°

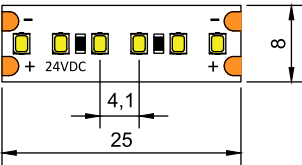
L70/B50
50000h

SDCM
<3

CE

III

Dimension (mm):



Product Feature: 240LEDs/m 24V 8mm 19.2W
Model No.: ZNL-FS2216UXX240-24VN

Light color	Power	CRI	lm/m	Cutting length
6000K	19.2W	90	1630	25mm
4000K	19.2W	90	1630	25mm
3000K	19.2W	90	1500	25mm
2700K	19.2W	90	1400	25mm

Protection Level:



2216 6LEDs/unit | 300 LEDs/m

(Sanan)

Voltage	24V dc
Power	24W
Cutting Length	20mm
PCB copper	3oz
Ambient temperature	-20℃~+50℃



CV

CRI 90

5m/reel

Cutttable

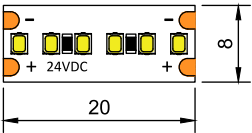
Dimmable

120°

L70/B50 50000h

SDCM <3

Dimension (mm):



Product Feature: 300LEDs/m 24V 8mm 24W
Model No.: ZNL-FS2216UXX300-24VN

Light color	Power	CRI	lm/m	Cutting length
6000K	24W	90	2000	20mm
4000K	24W	90	2000	20mm
3000K	24W	90	1800	20mm
2700K	24W	90	1700	20mm

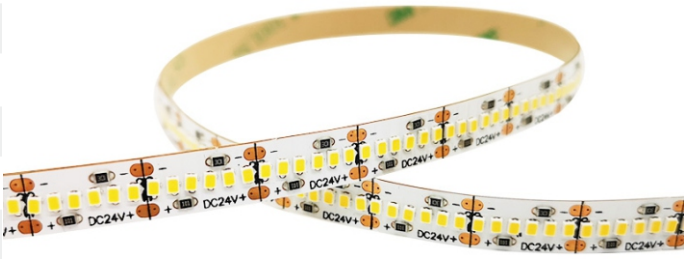
Protection Level:



2216 6LEDs/unit | 420 LEDs/m

(Sanan)

Voltage	24V dc
Power	32W
Cutting Length	14.28mm
PCB copper	3oz
Ambient temperature	-20℃~+50℃



CV

CRI 90

3m/reel

Cutttable

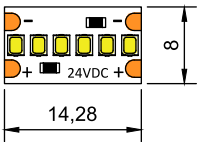
Dimmable

120°

L70/B50 50000h

SDCM <3

Dimension (mm):



Product Feature: 420LEDs/m 24V 8mm 32W
Model No.: ZNL-FS2216UXX420-24VN

Light color	Power	CRI	lm/m	Cutting length
6000K	32W	90	2560	14.28mm
4000K	32W	90	2560	14.28mm
3000K	32W	90	2400	14.28mm
2700K	32W	90	2240	14.28mm

Protection Level:

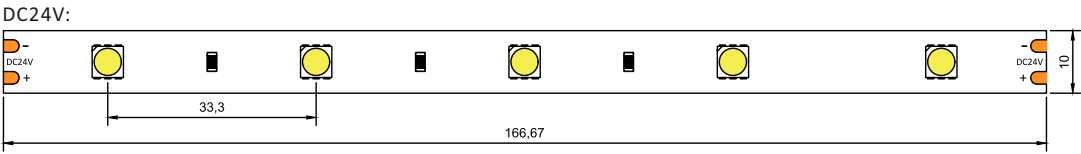
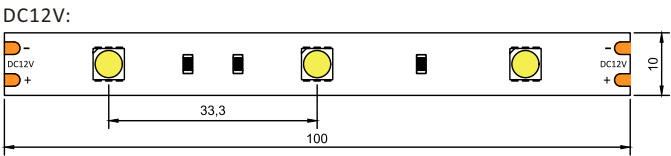


5050 | 30 LEDs/m

Voltage	12/24V dc
Power	7.2W
Cutting Length	100mm(12V)/166.67mm(24V)
PCB copper	2oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Product Feature: 5050 30LEDs/m 12/24V 7.2W
Model No.: ZNL-FS5050UXX30-12/24VN

Light color	Power	CRI	lm/m	Cutting length 12V 24V
6000K	7.2W	80	684	100mm 166.67mm
4000K	7.2W	80	684	100mm 166.67mm
3000K	7.2W	80	648	100mm 166.67mm
2700K	7.2W	80	648	100mm 166.67mm

R/G/B/P/2200K/2400K available

Protection Level:

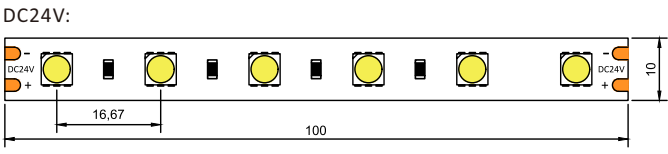
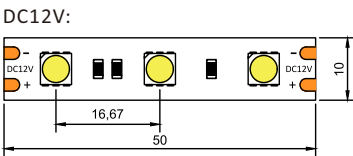


5050 | 60 LEDs/m

Voltage	12V/24V dc
Power	14.4W
Cutting Length	50mm(12V)/100mm(24V)
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Product Feature: 5050 60LEDs/m 12/24V 14.4W
Model No.: ZNL-FS5050UXX60-12/24VN

Light color	Power	CRI	lm/m	Cutting length 12V 24V
6000K	14.4W	80	1370	50mm 100mm
4000K	14.4W	80	1370	50mm 100mm
3000K	14.4W	80	1300	50mm 100mm
2700K	14.4W	80	1300	50mm 100mm

R/G/B/P/2200K/2400K available

Protection Level:



Special LED STRIP



Main Product List

S-shape Bendable

LEDs/m	PCB Width	Voltage	Power	Cutting Length
60 LEDs/m	6mm	12/24V	6W	50mm 100mm
120 LEDs/m	6mm	12/24V	12W	25mm 50mm

Mini Cutting

LEDs/m	PCB Width	Voltage	Power	Cutting Length
120 LEDs/m	8/10mm	5/12/24V	12/14/19.2W	8.33mm
120 LEDs/m	6mm	12V	5W	8.33mm

Side-view 3014

LEDs/m	PCB Width	Voltage	Power	Cutting Length
30 LEDs/m	8mm	12V	2.4W	100mm
60 LEDs/m	8mm	12/24V	4.8W	50/100mm
66 LEDs/m	8mm	12V	5.28W	45.45mm
96 LEDs/m	6mm	12/24V	7.68W	31.24/62.5mm
120 LEDs/m	8mm	12/24V	9.6W	25/50mm

Optical Angle Control

Optical Angle	LEDs/m	PCB Width	Voltage	Power	Cutting Length
23/30/60°	2835 140LEDs	8/10mm	24V	12W	50mm
60°	5050 60LEDs	10mm	12/24V	14.4W	50/100mm
160°	6060 60LEDs	10mm	24V	14.4W	33.3mm

S-shape | 60 LEDs/m

Voltage	12/24V dc
Power	6W
Cutting Length	50mm(12V)/100mm(24V)
PCB copper	2oz
Ambient temperature	-20℃~+50℃



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

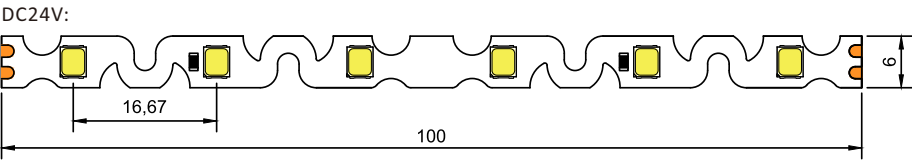
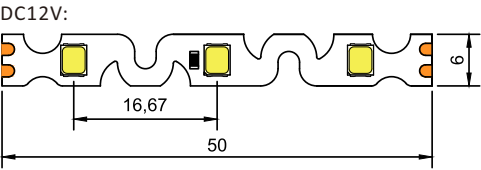
L70/B50
50000h

SDCM
<3/5

CE

III

Dimension (mm):



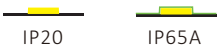
Product Feature: 2835 S-Shape 60LEDs/m 12/24V 6W
Model No.: ZNL-FS2835UXX60-12/24VN-S

Light color	Power	CRI	lm/m	Cutting length 12V 24V
6000K	6W	80	660	50mm 100mm
4000K	6W	80	660	50mm 100mm
3000K	6W	80	600	50mm 100mm
2700K	6W	80	600	50mm 100mm

Product Feature: 2835 S-Shape 60LEDs/m 12/24V 6W
Model No.: ZNL-FS2835UXX60-12/24VN-S

Light color	Power	CRI	lm/m	Cutting length 12V 24V
6000K	6W	90	600	50mm 100mm
4000K	6W	90	600	50mm 100mm
3000K	6W	90	540	50mm 100mm
2700K	6W	90	540	50mm 100mm

Protection Level:



S-shape | 120 LEDs/m

Voltage	12/24V dc
Power	12W
Cutting Length	25mm(12V)/50mm(24V)
PCB copper	2oz
Ambient temperature	-20℃~+50℃



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

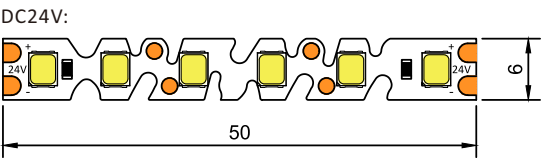
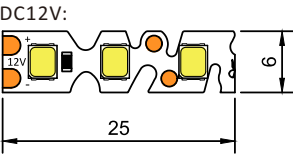
L70/B50
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SDCM
<3/5

CE

III

Dimension (mm):



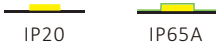
Product Feature: 2835 S-Shape 120LEDs/m 12/24V 12W
Model No.: ZNL-FS2835UXX120-12/24VN-S

Light color	Power	CRI	lm/m	Cutting length 12V 24V
6000K	12W	80	1320	25mm 50mm
4000K	12W	80	1320	25mm 50mm
3000K	12W	80	1200	25mm 50mm
2700K	12W	80	1200	25mm 50mm

Product Feature: 2835 S-Shape 120LEDs/m 12/24V 12W
Model No.: ZNL-FS2835UXX120-12/24VN-S

Light color	Power	CRI	lm/m	Cutting length 12V 24V
6000K	12W	90	1200	25mm 50mm
4000K	12W	90	1200	25mm 50mm
3000K	12W	90	1080	25mm 50mm
2700K	12W	90	1080	25mm 50mm

Protection Level:



Mini-Cutting | 120 LEDs/m

Voltage	24V dc (5/12V optional)
Power	19.2W (12/14W optional)
Cutting Length	8.33mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

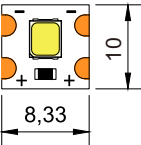
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 2835 mini cutting 120LEDs/m 24V 19.2W
Model No.: ZNL-FS2835UXX120-24VN-1LED

Light color	Power	CRI	lm/m	Cutting length
6000K	19.2W	90	1824	8.33mm
4000K	19.2W	90	1824	8.33mm
3000K	19.2W	90	1728	8.33mm
2700K	19.2W	90	1728	8.33mm

Protection Level:

IP20

IP65A

IP65C

IP67A

IP67C

IP68B

Mini-Cutting | 120 LEDs/m 6mm

Voltage	12V dc
Power	5W
Cutting Length	8.33mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

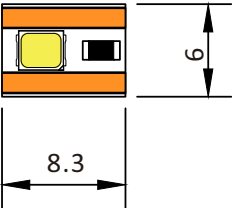
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 2216 Mini cutting 120LEDs/m 12V 5W
Model No.: ZNL-FS2216UXX120-12VN-1LED

Light color	Power	CRI	lm/m	Cutting length
6000K	5W	90	475	8.33mm
4000K	5W	90	475	8.33mm
3000K	5W	90	450	8.33mm
2700K	5W	90	450	8.33mm

Protection Level:

IP20

Side-emitting | 30 LEDs/m

3014SMD

Voltage	12V dc
Power	2.4W
Cutting Length	100mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

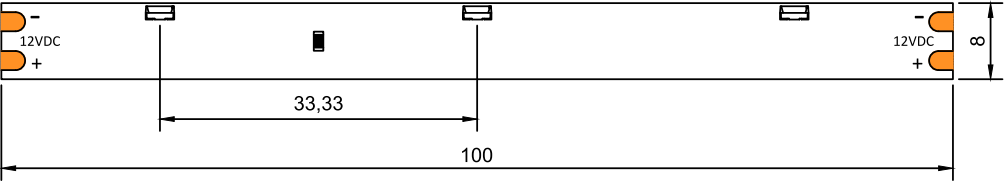
L70/B50
50000h

SDCM
5

CE

III

Dimension (mm):



Product Feature: 3014 Side emitting 30LEDs/m 12V
Model No.: ZNL-FS3014UXX30-12VN-SV

Light color	Power	CRI	lm/m	Cutting length
6000K	2.4W	80	240	100mm
4000K	2.4W	80	240	100mm
3000K	2.4W	80	228	100mm
2700K	2.4W	80	228	100mm

R/G/B/P/2200K/2400K available

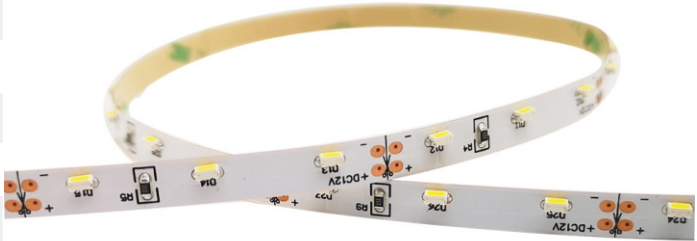
Protection Level:



Side-emitting | 60 LEDs/m

3014SMD

Voltage	12/24V dc
Power	4.8W
Cutting Length	50mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

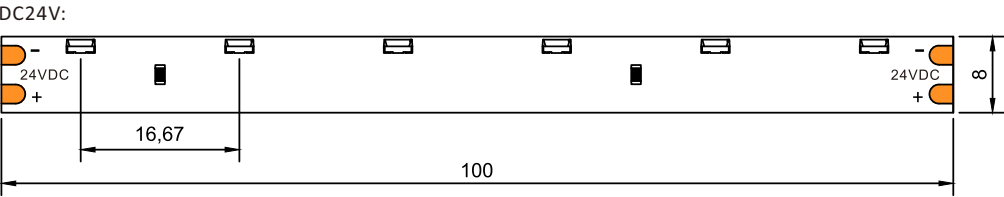
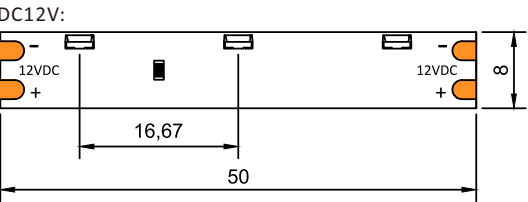
L70/B50
50000h

SDCM
<5

CE

III

Dimension (mm):



Product Feature: 3014 Side emitting 60LEDs/m 12/24V
Model No.: ZNL-FS3014UXX60-12/24VN-SV

Light color	Power	CRI	lm/m	Cutting length 12V 24V
6000K	4.8W	80	480	50mm 100mm
4000K	4.8W	80	480	50mm 100mm
3000K	4.8W	80	456	50mm 100mm
2700K	4.8W	80	456	50mm 100mm

R/G/B/P/2200K/2400K available

Protection Level:



Side-emitting | 66 LEDs/m

3014SMD

Voltage	12V dc
Power	5.28W
Cutting Length	45.45mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

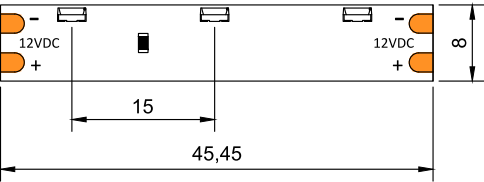
L70/B50
50000h

SDCM
5

CE

III

Dimension (mm):



Product Feature: 3014 Side emitting 66LEDs/m 12V
Model No.: ZNL-FS3014UXX66-12VN-SV

Light color	Power	CRI	lm/m	Cutting length
6000K	5.28W	80	530	45.45mm
4000K	5.28W	80	530	45.45mm
3000K	5.28W	80	500	45.45mm
2700K	5.28W	80	500	45.45mm

R/G/B/P/2200K/2400K available

Protection Level:



Side-emitting | 96 LEDs/m

3014SMD

Voltage	12/24V dc
Power	7.68W
Cutting Length	31.25/62.5mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

L70/B50
50000h

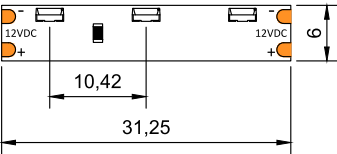
SDCM
<5

CE

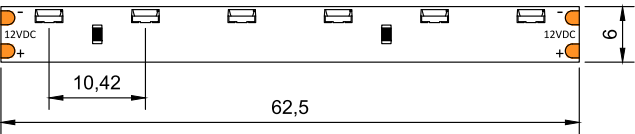
III

Dimension (mm):

DC12V:



DC24V:



Product Feature: 3014 Side emitting 96LEDs/m 12/24V
Model No.: ZNL-FS3014UXX96-12/24VN-SV

Light color	Power	CRI	lm/m	Cutting length 12V 24V
6000K	7.68W	80	770	31.25mm 62.5mm
4000K	7.68W	80	770	31.25mm 62.5mm
3000K	7.68W	80	730	31.25mm 62.5mm
2700K	7.68W	80	730	31.25mm 62.5mm

R/G/B/P/2200K/2400K available

Protection Level:



Side-emitting | 120 LEDs/m

3014SMD

Voltage	12/24V dc
Power	9.6W
Cutting Length	25mm(12V)/50mm(24V)
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

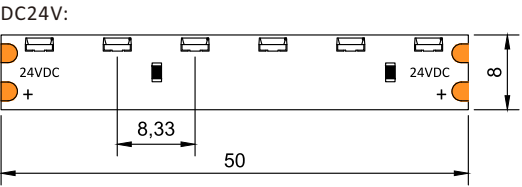
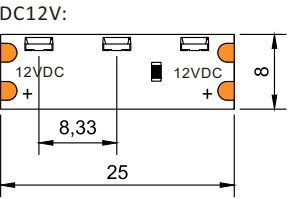
120°

L70/B50
50000h

SDCM
5

CE

Dimension (mm):



Product Feature: 3014 Side emitting 120LEDs/m 12/24V
Model No.: ZNL-FS3014UXX120-12/24VN-SV

Light color	Power	CRI	lm/m	Cutting length 12V 24V
6000K	9.6W	80	960	25mm 50mm
4000K	9.6W	80	960	25mm 50mm
3000K	9.6W	80	910	25mm 50mm
2700K	9.6W	80	910	25mm 50mm

R/G/B/P/2200K/2400K available

Protection Level:



Optical Angle Control | 140 LEDs/m

2835SMD+LENS

Voltage	24V dc
Power	12W
Cutting Length	50mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

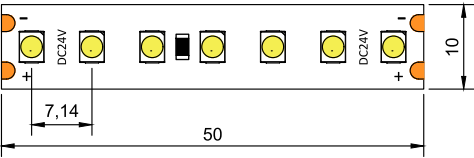
120°

L70/B50
50000h

SDCM
<5

CE

Dimension (mm):



Product Feature: 2835 140LEDs/m 24V 23/30/60°
Model No.: ZNL-FS2835XX140-24VN-23/30/60°

Light color	Optical Angle	Power	CRI	lm/m	Cutting length
6000K	23/30/60°	12W	80	1260	50mm
4000K	23/30/60°	12W	80	1260	50mm
3000K	23/30/60°	12W	80	1140	50mm
2700K	23/30/60°	12W	80	1140	50mm

Protection Level:



Optical Angle Control | 60 LEDs/m

5050SMD+LENS

Voltage	12/24V dc
Power	14.4W
Cutting Length	50mm(12V)/100mm(24V)
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

L70/B50
50000h

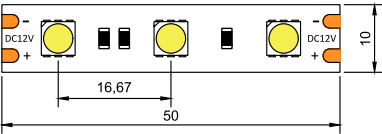
SDCM
5

CE

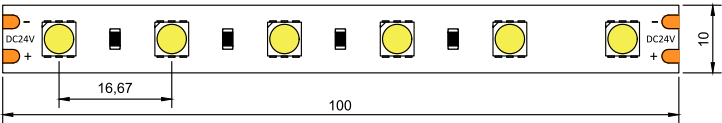
III

Dimension (mm):

DC12V:



DC24V:



Product Feature: 5050 60LEDs/m 12/24V 60°
Model No.: ZNL-FS5050UXX60-12/24VN-60°

Light color	Optical Angle	Power	CRI	lm/m	Cutting length 12V 24V
6000K	60°	14.4W	80	1370	50mm 100mm
4000K	60°	14.4W	80	1370	50mm 100mm
3000K	60°	14.4W	80	1300	50mm 100mm
2700K	60°	14.4W	80	1300	50mm 100mm

Protection Level:



Optical Angle Control | 60 LEDs/m

6060SMD+LENS

Voltage	24V dc
Power	14.4W
Cutting Length	33.3mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
80

5m/reel

Cuttable

Dimmable

120°

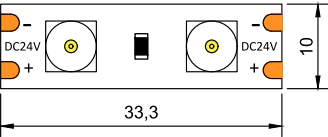
L70/B50
50000h

SDCM
<5

CE

III

Dimension (mm):



Product Feature: 6060 60LEDs/m 24V 160°
Model No.: ZNL-FS6060UXX60-24VN

Light color	Optical Angle	Power	CRI	lm/m	Cutting length
6000K	160°	14.4W	80	1510	33.3mm
4000K	160°	14.4W	80	1510	33.3mm
3000K	160°	14.4W	80	1440	33.3mm
2700K	160°	14.4W	80	1440	33.3mm

Protection Level:



Tunable White LED Strip

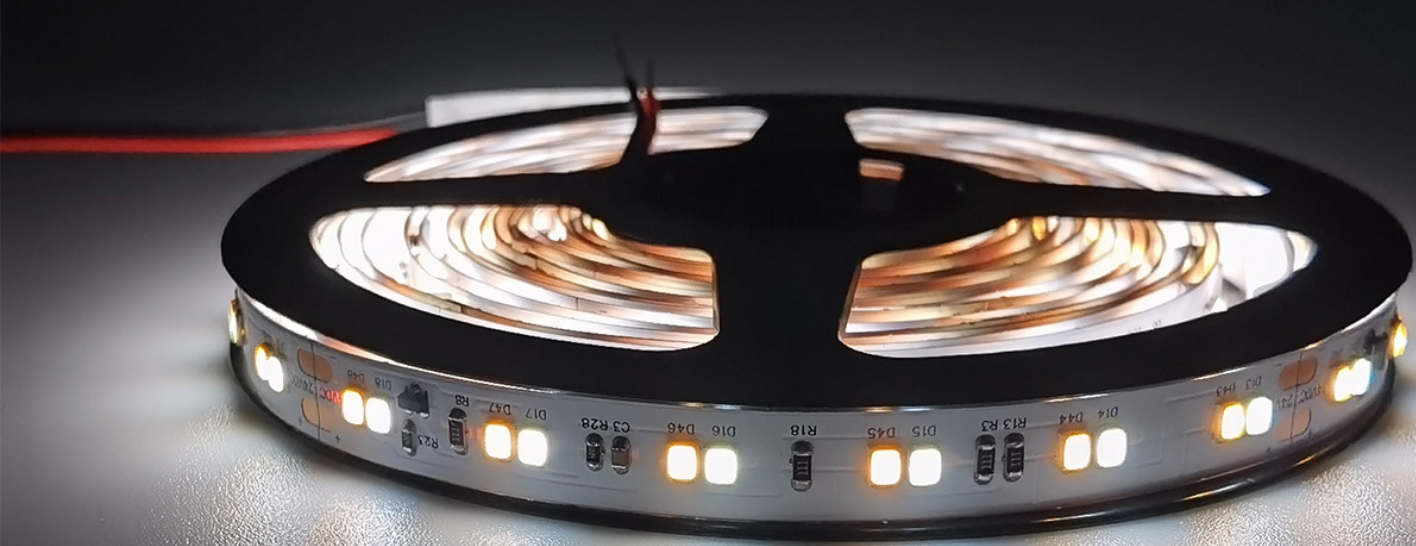
Main Product List

DIM To Warm (Dim from Warm White 3500K to WarmWhite 2200K, Dim by Triac, 0/1-10V, DALI, PWM dimmable driver)

LEDs/m	PCB Width	Voltage	Power	Cutting Length
2835 120 LEDs/m	10mm	24V	14.4W	100mm
2216 224 LEDs/m	10mm	24V	15W	62.5mm
2216 240 LEDs/m	10mm	24V	19.2W	50mm

Tunable White (Color temperature can be adjusted through the controller)

LEDs/m	PCB Width	Voltage	Power	Cutting Length
2835 120 LEDs/m (2in1)	8mm	24V	19.2W	50mm
2835 140 LEDs/m	10mm	24V	14.4W	100mm
2835 240 LEDs/m	10/12mm	24V	19.2W	50mm
2216 240 LEDs/m (2Wire)	5mm	24V	10W	50mm



Dim to warm| 120 LEDs/m

2835 10mm

Voltage	24V dc
Power	14.4W
Cutting Length	100mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

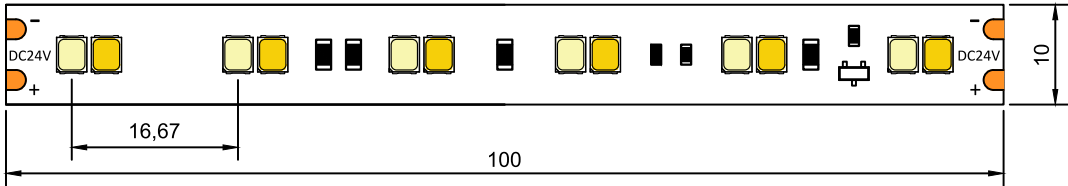
L70/B50
50000h

SDCM
<3/5

CE



Dimension (mm):



Product Feature: 2835 120LEDs/m 24V 10mm 14.4W

Model No.: ZNL-FS2835DTW120-24VN

Light color	Power	CRI	lm/m	Cutting length
3500K-2200K	14.4W	80	1300	100mm

Product Feature: 2835 120LEDs/m 24V 10mm 14.4W

Model No.: ZNL-FS2835DTW120-24VN

Light color	Power	CRI	lm/m	Cutting length
3500K-2200K	14.4W	90	1050	100mm

Protection Level:

IP20

IP65A

IP67A

IP67C

Dim to warm | 224 LEDs/m

2216 10mm

Voltage	24V dc
Power	15W
Cutting Length	62.5mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

CRI
90

5m/reel

Cuttable

Dimmable

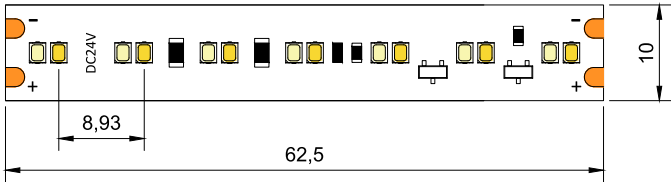
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 2216 224LEDs/m 24V 10mm 15W
Model No.: ZNL-FS2216DTW224-24VN

Light color	Power	CRI	lm/m	Cutting length
3500K-2200K	15W	90	1170	62.5mm

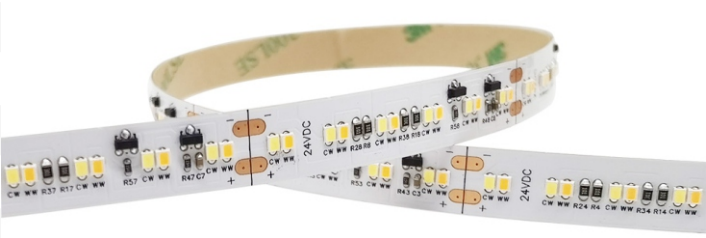
Protection Level:



Dim to warm | 240 LEDs/m

2216 10mm

Voltage	24V dc
Power	19.2W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
90

5m/reel

Cuttable

Dimmable

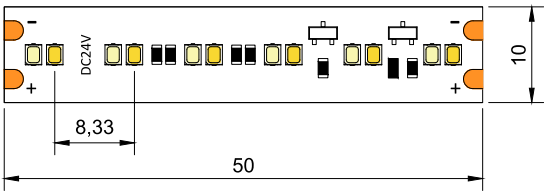
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 2216 240LEDs/m 24V 10mm 19.2W
Model No.: ZNL-FS2216DTW240-24VN

Light color	Power	CRI	lm/m	Cutting length
3500K-2200K	19.2W	90	1400	50mm

Protection Level:



Tunable white | 120 LEDs/m

2835 2in1 8mm

Voltage	24V dc
Power	19.2W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

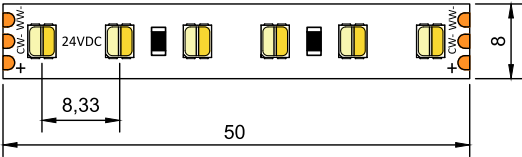
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 2835CCT 120LEDs/m 24V (2in1)
Model No.: ZNL-FS2835CCT120-24VN-TW

Light color	Power	CRI	lm/m	Cutting length
3000K	9.6W	80	910	50mm
6500K	9.6W	80	960	50mm
3000K+6500K	19.2W	80	1170	50mm

Protection Level:



Tunable white | 140 LEDs/m

Voltage	24V dc
Power	14.4W
Cutting Length	100mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

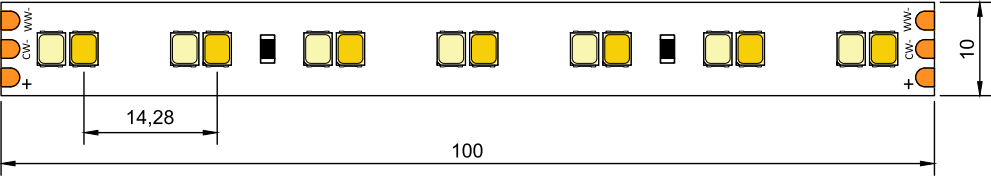
120°

L70/B50
50000h

SDCM
<3/5

CE

Dimension (mm):



Product Feature: 2835CCT 140LEDs/m 24V
Model No.: ZNL-FS2835CCT140-24VN

Light color	Power	CRI	lm/m	Cutting length
2700K	7.2W	80	790	100mm
6500K	7.2W	80	830	100mm
2700K+6500K	14.4W	80	1620	100mm

Product Feature: 2835 140LEDs/m 24V 10mm 14.4W
Model No.: ZNL-FS2835CCT140-24VN

Light color	Power	CRI	lm/m	Cutting length
2200K	7.2W	90	720	100mm
5000K	7.2W	90	760	100mm
2400K+5000K	14.4W	90	1480	100mm

Protection Level:



Tunable white | 240 LEDs/m

2835 10/12mm

Voltage	24V dc
Power	19.2W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
80/90

5m/reel

Cuttable

Dimmable

120°

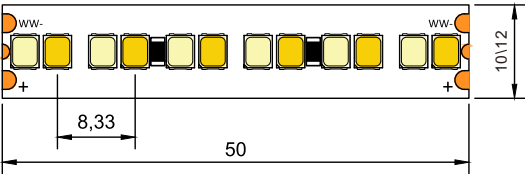
L70/B50
50000h

SDCM
<3/5

CE

III

Dimension (mm):



Product Feature: 2835CCT 240LEDs/m 24V

Model No.: ZNL-FS2835CCT240-24VN

Light color	Power	CRI	lm/m	Cutting length
2700K	9.6W	80	960	50mm
6500K	9.6W	80	1000	50mm
2700K+6500K	19.2W	80	1960	50mm

Product Feature: 2835CCT 240LEDs/m 24V

Model No.: ZNL-FS2835CCT240-24VN

Light color	Power	CRI	lm/m	Cutting length
2200K	9.6W	90	860	50mm
5000K	9.6W	90	910	50mm
2200K+5000K	19.2W	90	1770	50mm

Protection Level:

IP20

IP65A

IP65C

IP67A

IP67C

IP68B

Tunable white | 240 LEDs/m

2216 5mm (2 Wire)

Voltage	24V dc
Power	10W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

CRI
90

5m/reel

Cuttable

Dimmable

120°

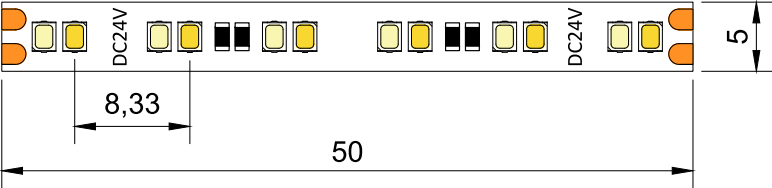
L70/B50
50000h

SDCM
<3

CE

III

Dimension (mm):



Product Feature: 2216 240LEDs/m 24V 5mm 10W

Model No.: ZNL-FS2216CCT240-24VN

Light color	Power	CRI	lm/m	Cutting length
2700K	5W	90	400	50mm
6500K	5W	90	430	50mm
2700K+6500K	10W	90	830	50mm

Protection Level:

IP20

Multi color RGBX STRIP



Main Product List

RGB Series (3in1)

LEDs/m	PCB Width	Voltage	Power	Cutting Length
30 LEDs/m	10mm	12V	7.2W	100mm
30 LEDs/m	10mm	24V	7.2W	166.7mm
60 LEDs/m	10mm	12V	14.4W	50mm
60 LEDs/m	10mm	24V	14.4W	100mm
96 LEDs/m	10mm	24V	18W	62.5mm
120 LEDs/m	10mm	24V	28.8W	50mm

RGBW Series (4in1)

LEDs/m	PCB Width	Voltage	Power	Cutting Length
60 LEDs/m	10/12mm	24V	19.2W	100mm
96 LEDs/m	12mm	24V	30W	62.5mm

RGBWW Series (5in1)

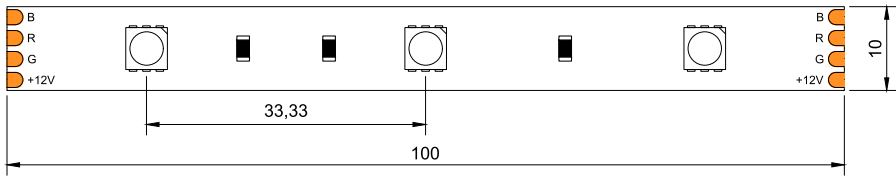
LEDs/m	PCB Width	Voltage	Power	Cutting Length
60 LEDs/m	12mm	24V	24W	100mm
96 LEDs/m	12mm	24V	30W	62.5mm

RGB | 5050 30LEDs/m 12V

Voltage	12V dc
Power	7.2W
Cutting Length	100mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGB30-12VN

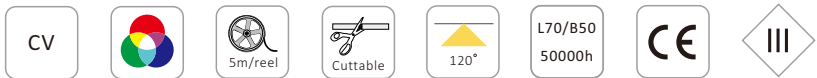
Light color	Wave length	Power	lm/m	CRI
Red	620-625nm	2.4W/m	80	/
Green	520-525nm	2.4W/m	210	/
Blue	460-465nm	2.4W/m	48	/
R+G+B	/	7.2W/m	338	/

Protection Level:

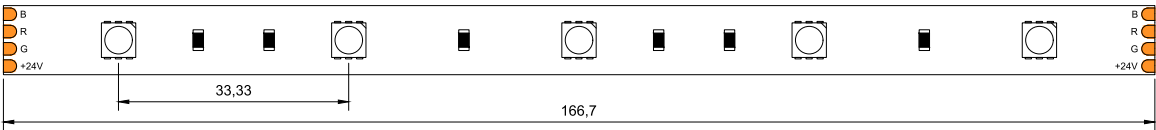


RGB | 5050 30LEDs/m 24V

Voltage	24V dc
Power	7.2W
Cutting Length	166.7mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGB30-24VN

Light color	Wave length	Power	lm/m	CRI
Red	620-625nm	2.4W/m	66	/
Green	520-525nm	2.4W/m	174	/
Blue	460-465nm	2.4W/m	40	/
R+G+B	/	7.2W/m	276	/

Protection Level:

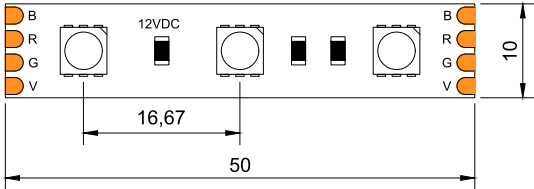


RGB | 5050 60LEDs/m 12V

Voltage	12V dc
Power	14.4W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGB60-12VN

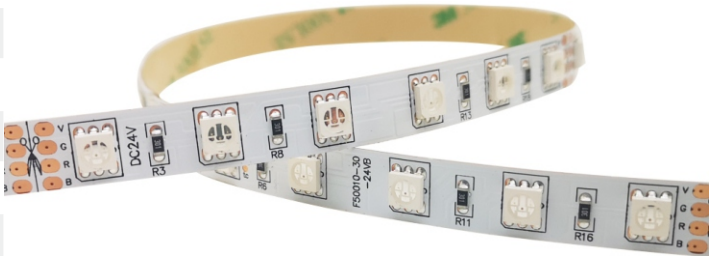
Light color	Wave length	Power	lm/m	CRI
Red	620-625nm	4.8W/m	160	/
Green	520-525nm	4.8W/m	420	/
Blue	460-465nm	4.8W/m	96	/
R+G+B	/	14.4W/m	676	/

Protection Level:

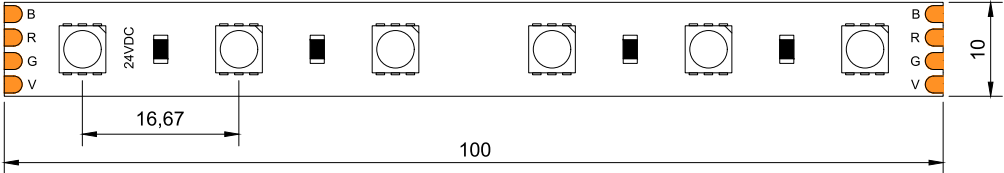


RGB | 5050 60LEDs/m 24V

Voltage	24V dc
Power	14.4W
Cutting Length	100mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGB60-24VN

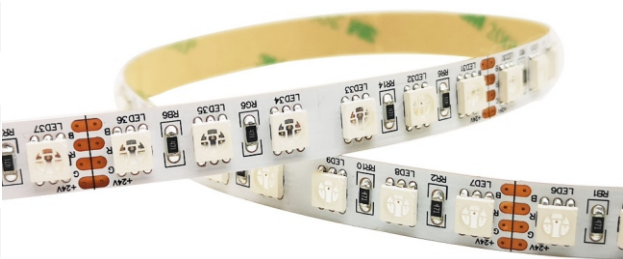
Light color	Wave length	Power	lm/m	CRI
Red	620-625nm	4.8W/m	160	/
Green	520-525nm	4.8W/m	420	/
Blue	460-465nm	4.8W/m	96	/
R+G+B	/	14.4W/m	676	/

Protection Level:

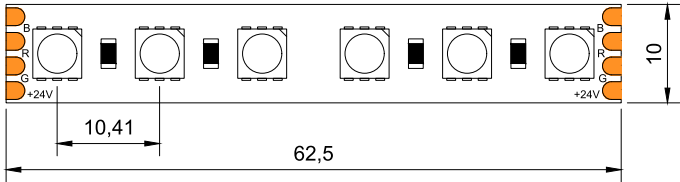


RGB | 5050 96LEDs/m 24V

Voltage	24V dc
Power	18W
Cutting Length	62.5mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGB96-24VN

Light color	Wave length	Power	lm/m	CRI
Red	620-625nm	6W/m	200	/
Green	520-525nm	6W/m	525	/
Blue	460-465nm	6W/m	120	/
R+G+B	/	18W/m	845	/

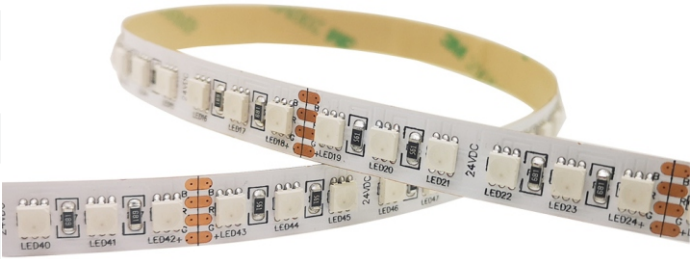
Protection Level:



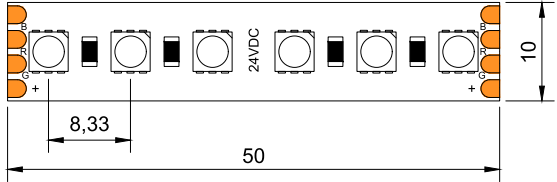
RGB | 4040 120LEDs/m 24V

4040/3838/3535/2835

Voltage	24V dc
Power	28.8W
Cutting Length	50mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS4040RGB120-24VN

Light color	Wave length	Power	lm/m	CRI
Red	620-625nm	9.6W/m	320	/
Green	520-525nm	9.6W/m	840	/
Blue	460-465nm	9.6W/m	192	/
R+G+B	/	28.8W/m	1352	/

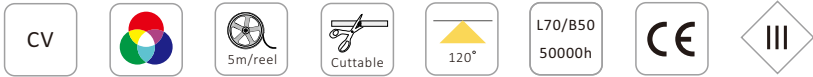
Protection Level:



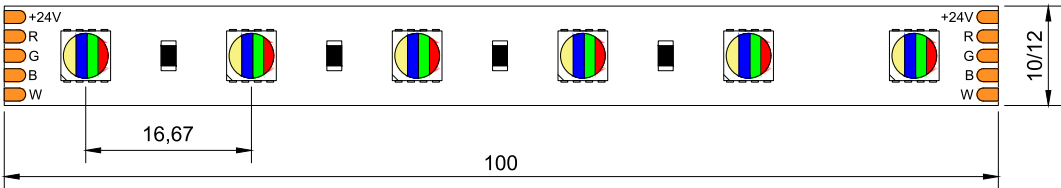
RGBW | 60LEDs/m 24V

4in1

Voltage	24V dc
Power	19.2W
Cutting Length	100mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGBW60-24VN

Light color	Wave length/CCT	Power	lm/m	CRI
Red	620-625nm	4.8W/m	160	/
Green	520-525nm	4.8W/m	420	/
Blue	460-465nm	4.8W/m	96	/
White	2700/3000/4000/6500K	4.8W/m	480	>80
R+G+B+W	/	19.2W/m	1156	/

Protection Level:



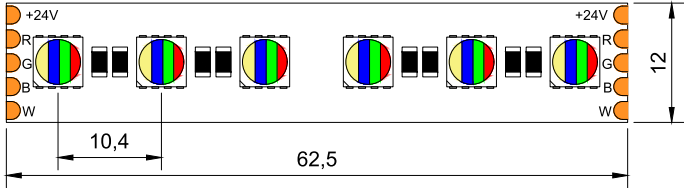
RGBW | 96LEDs/m 24V

4in1

Voltage	24V dc
Power	30W
Cutting Length	62.5mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGBW96-24VN

Light color	Wave length/CCT	Power	lm/m	CRI
Red	620-625nm	7.5W/m	250	/
Green	520-525nm	7.5W/m	656	/
Blue	460-465nm	7.5W/m	150	/
White	2700/3000/4000/6500K	7.5W/m	750	>80
R+G+B+W	/	30W/m	1800	/

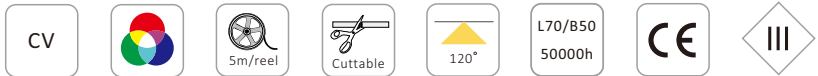
Protection Level:



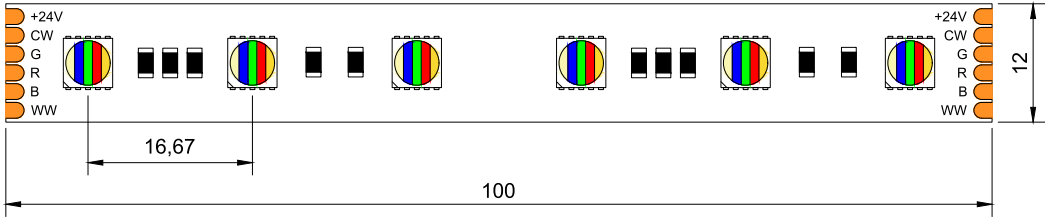
RGBWW | 60LEDs/m 24V

5in1

Voltage	24V dc
Power	24W
Cutting Length	100mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGBWW60-24VN

Light color	Wave length/CCT	Power	lm/m	CRI
Red	620-625nm	4.8W/m	160	/
Green	520-525nm	4.8W/m	420	/
Blue	460-465nm	4.8W/m	96	/
CW	6500K	4.8W/m	480	>80
WW	2400K	4.8W/m	450	>80
R+G+B+CW+WW	/	24W/m	1600	/

Protection Level:



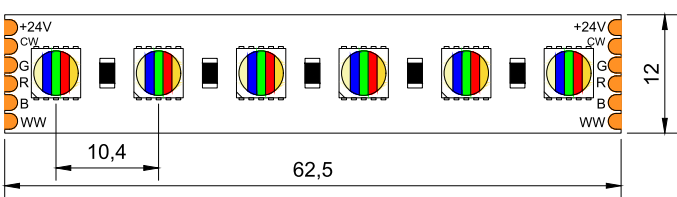
RGBWW | 96LEDs/m 24V

5in1

Voltage	24V dc
Power	30W
Cutting Length	62.5mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGBWW96-24VN

Light color	Wave length/CCT	Power	lm/m	CRI
Red	620-625nm	6W/m	200	/
Green	520-525nm	6W/m	525	/
Blue	460-465nm	6W/m	120	/
CW	6500K	6W/m	600	>80
WW	2700K	6W/m	570	>80
R+G+B+CW+WW	/	30W/m	2000	/

Protection Level:



Pixel Chasing LED Strip

Individual LED control for unlimited creative possibilities

Each LED (or each section) can be independently controlled for color and brightness, enabling sophisticated programmable lighting displays with chase, flash, flow, and custom effects.

Key Features

- **Individual LED Control:** Every LED programmable independently (or each section)
- **Full Color Range:** 16.7M colors per LED
- **Dynamic Effects:** Chase, flash, flow, rainbow, and custom patterns
- **Programmable:** Compatible with standard controllers and software

Applications

- Digital signage and displays
- Architectural lighting features
- Entertainment and stage lighting
- Interactive installations

Transform any space with dynamic, programmable lighting that responds to your creativity.



Main Product List

SPI Single color

IC Position	LEDs/m	Voltage	Power	Cutting Length
Built-in	5050 60LEDs/m	5V	10.8W/m	16.67mm
Built-in	5050 60LEDs/m	12V	6.5W/m	16.67mm
Built-in	5050 96LEDs/m	12V	10.4W/m	10.4mm
External	2835 120LEDs/m	24V	10W/m	125mm

SPI Tunable white

IC Position	LEDs/m	Voltage	Power	Cutting Length
Built-in	5050 60LEDs/m	5V	7.2W/m	16.67mm
External	2835(2in1) 120LEDs/m	24V	16W/m	50mm

SPI RGB

IC Position	LEDs/m	Voltage	Power	Cutting Length
Built-in	60 LEDs/ m	5V	10.8W/m	16.67mm
Built-in	60LEDs/m	12V	6.5W/ m	16.67mm
Built-in	96 LEDs/ m	5V	17W/m	10.4mm
Built-in	96LEDs/m	12V	10.4W/m	10.4mm
Built-in	144LEDs/m	5V	26W/m	6.94mm
External	60LEDs/m	12V 24V	12W/m	50mm 100mm
External	96LEDs/m	24V	20W/m	62.5mm

SPI RGBW

IC Position	LEDs/m	Voltage	Power	Cutting Length
Built-in	60LEDs/m	5V	12W/m	16.67mm
External	60LEDs/m	12V 24V	16W	50mm 100mm

SPI RGBWW

IC Position	LEDs/m	Voltage	Power	Cutting Length
External	60LEDs/m	12V 24V	21.6W	50mm 100mm

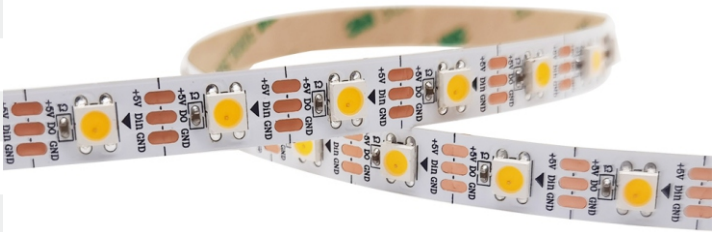
DMX RGB & RGBW

IC Position	LEDs/m	Voltage	Power	Cutting Length
External	RGB 60LEDs/m	24V	13W	100mm
External	RGBW 60LEDs/m	24V	17.3W	100mm

SPI Single color | 60 LEDs/m

5050 Built in WS 2812 5V

Voltage	5V dc
Power	10.8W
Cutting Length	16.67mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

SPI

5m/reel

Cuttable

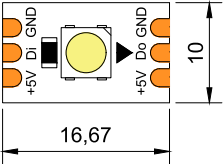
120°

L70/B50
50000h

CE

III

Dimension (mm):



Model No.: ZNL-FS5050UWIC60-5VN-2812

Light color	Power	CRI	lm/m	Cutting length
3000K	10.8W/m	80	970	16.67mm
4000K	10.8W/m	80	1080	16.67mm
6500K	10.8W/m	80	1080	16.67mm

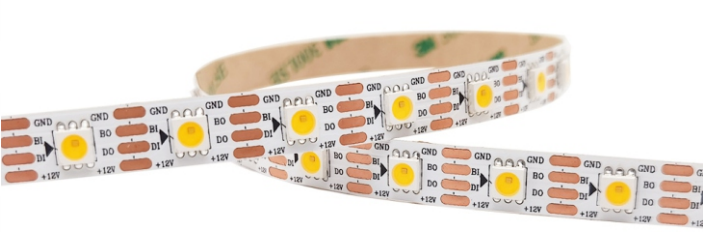
Protection Level:



SPI Single color | 60 LEDs/m

5050 Built in WS 2815 12V

Voltage	12V dc
Power	6.5W
Cutting Length	16.67mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

SPI

5m/reel

Cuttable

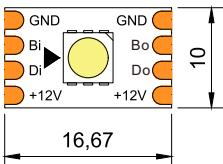
120°

L70/B50
50000h

CE

III

Dimension (mm):



Model No.: ZNL-FS5050UWIC60-12VN-2815

Light color	Power	CRI	lm/m	Cutting length
3000K	6.5W/m	80	620	16.67mm
4000K	6.5W/m	80	650	16.67mm
6500K	6.5W/m	80	650	16.67mm

Protection Level:



SPI Single color | 96 LEDs/m

5050 Built in WS 2815 12V

Voltage	12V dc
Power	10.4W
Cutting Length	10.4mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

SPI

5m/reel

Cuttable

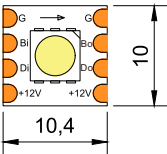
120°

L70/B50
50000h

CE

III

Dimension (mm):



Model No.: ZNL-FS5050UWIC96-12VN-2815

Light color	Power	CRI	lm/m	Cutting length
3000K	10.4W/m	80	940	10.4mm
4000K	10.4W/m	80	1040	10.4mm
6500K	10.4W/m	80	1040	10.4mm

Protection Level:



SPI Single color | 120 LEDs/m

2835 External WS2811/SM16703/UCS1903

Voltage	24V dc
Power	10W
Cutting Length	125mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

SPI

5m/reel

Cuttable

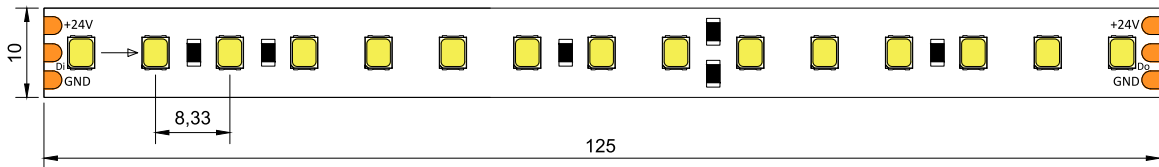
120°

L70/B50
50000h

CE

III

Dimension (mm):



Model No.: ZNL-FS2835UXIC120-24VN

Light color	Power	CRI	lm/m	Cutting length
2700K	10W/m	80/90	900	125mm
3000K	10W/m	80/90	950	125mm
4000K	10W/m	80/90	1000	125mm
6500K	10W/m	80/90	1000	125mm

R/G/B/P/2200K/2400K/3500K/5000K available

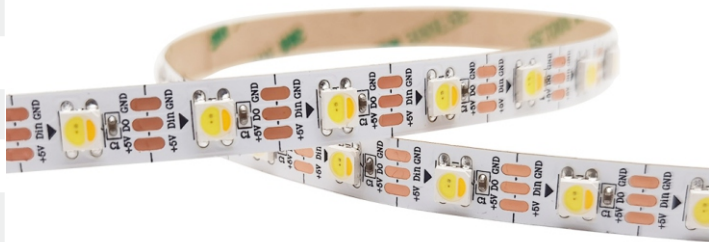
Protection Level:



SPI Tunable white | 60 LEDs/m

5050 Built in WS2812 5V

Voltage	5V dc
Power	7.2W
Cutting Length	16.67mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

SPI

5m/reel

Cuttable

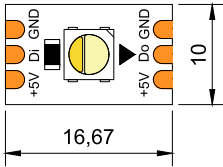
120°

L70/B50
50000h

CE

III

Dimension (mm):



Model No.: ZNL-FS5050UW2IC60-5VN

Light color	Power	CRI	lm/m	Cutting length
3000K	3.6W/m	80	325	16.67mm
6500K	3.6W/m	80	360	16.67mm
3000K+6000K	7.2W/m	80	685	16.67mm

Protection Level:



SPI Single color | 120 LEDs/m

2835(2 in 1) External WS2811/SM16703/UCS1903

Voltage	24V dc
Power	16W
Cutting Length	50mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

SPI

5m/reel

Cuttable

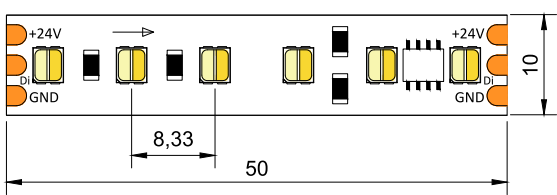
120°

L70/B50
50000h

CE

III

Dimension (mm):



Model No.: ZNL-FS2835UW2IC120-24VN

Light color	Power	CRI	lm/m	Cutting length
3000K	8W/m	80	720	50mm
6500K	8W/m	80	800	50mm
3000K+6500K	16W/m	80	1520	50mm

Protection Level:



SPI RGB | 60 LEDs/m

5050 Built in WS2812 5V

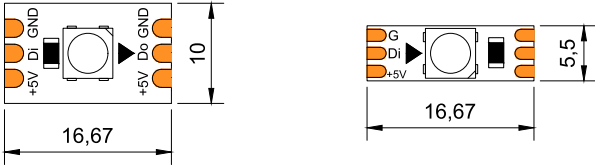
Voltage	5V dc
Power	10.8W
Cutting Length	16.67mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

L70/B50
50000h

Dimension (mm):



Model No.: ZNL-FS5050RGBIC60-5VN-2812

Light color	Power	CRI	lm/m	Cutting length
Red	3.6W/m	/	120	16.67mm
Green	3.6W/m	/	320	16.67mm
Blue	3.6W/m	/	70	16.67mm
R+G+B	10.8W/m	/	510	16.67mm

Protection Level:



SPI RGB | 60 LEDs/m

5050 Built in WS 2815 12V

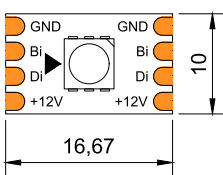
Voltage	12V dc
Power	6.5W
Cutting Length	16.67mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

L70/B50
50000h

Dimension (mm):



Model No.: ZNL-FS5050RGBIC60-12VN-2815

Light color	Power	CRI	lm/m	Cutting length
Red	6.5W/m	/	210	16.67mm
Green	6.5W/m	/	570	16.67mm
Blue	6.5W/m	/	130	16.67mm
R+G+B	6.5W/m	/	300	16.67mm

Protection Level:



SPI RGB | 96 LEDs/m

5050 Built in WS2812 5V

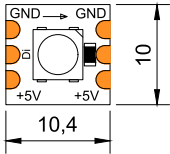
Voltage	5V dc
Power	17W
Cutting Length	10.4mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

L70/B50
50000h

Dimension (mm):



Model No.: ZNL-FS5050RGBIC96-5VN-2812

Light color	Power	CRI	lm/m	Cutting length
Red	5.7W/m	/	120	10.4mm
Green	5.7W/m	/	320	10.4mm
Blue	5.7W/m	/	70	10.4mm
R+G+B	17W/m	/	510	10.4mm

Protection Level:



SPI RGB | 96 LEDs/m

5050 Built in WS 2815 12V

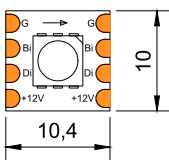
Voltage	12V dc
Power	10.4W
Cutting Length	10.4mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

L70/B50
50000h

Dimension (mm):



Model No.: ZNL-FS5050RGBIC96-12VN-2815

Light color	Power	CRI	lm/m	Cutting length
Red	10.4W/m	/	210	10.4mm
Green	10.4W/m	/	570	10.4mm
Blue	10.4W/m	/	130	10.4mm
R+G+B	10.4W/m	/	300	10.4mm

Protection Level:



SPI RGB | 144 LEDs/m

5050 Built in WS2812 5V

Voltage	5V dc
Power	26W
Cutting Length	6.94mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV









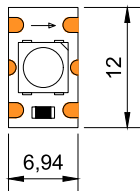
L70/B50

50000h





Dimension (mm):



Model No.: ZNL-FS5050RGBIC144-5VN-2812

Light color	Power	CRI	lm/m	Cutting length
Red	8.7 W/m	/	290	6.94mm
Green	8.7 W/m	/	765	6.94mm
Blue	8.7 W/m	/	170	6.94mm
R+G+B	26 W/m	/	1225	6.94mm

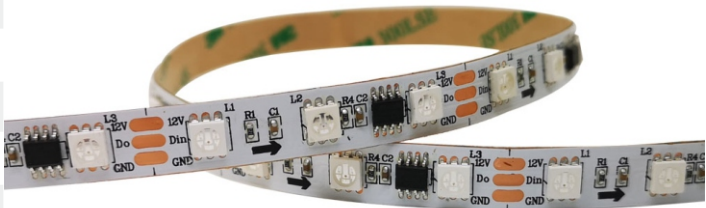
Protection Level:



SPI RGB | 60 LEDs/m

5050 External WS2811/SM16703/UCS1903

Voltage	12V 24V dc
Power	12W
Cutting Length	50mm 100mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV









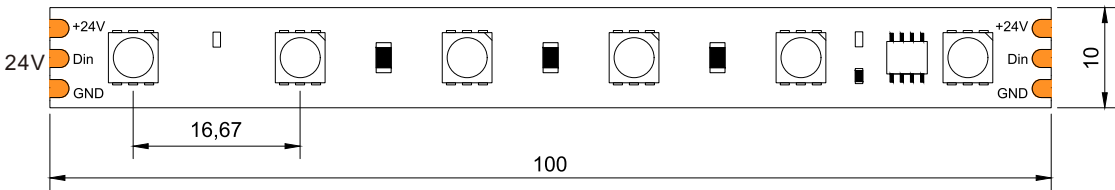
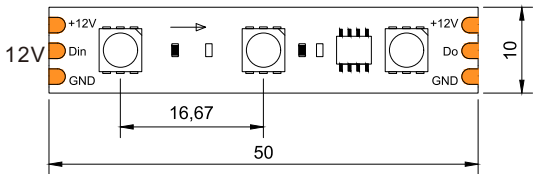
L70/B50

50000h





Dimension (mm):



Model No.: ZNL-FS5050RGBIC60-12/24VN-2811

Light color	Power	CRI	lm/m	Cutting length
Red	4W/m	/	130	50mm 100mm
Green	4W/m	/	350	50mm 100mm
Blue	4W/m	/	80	50mm 100mm
R+G+B	12W/m	/	560	50mm 100mm

Protection Level:



SPI RGB | 96 LEDs/m

4040 External WS2811/SM16703/UCS1903

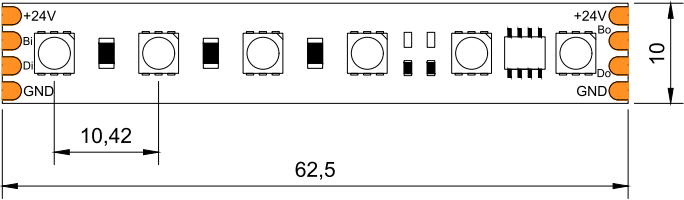
Voltage	24V dc
Power	20W
Cutting Length	62.5mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



CV

L70/B50
50000h

Dimension (mm):



Model No.: ZNL-FS4040RGBIC96-24VN-2811

Light color	Power	CRI	lm/m	Cutting length
Red	6.7 W/m	/	220	62.5mm
Green	6.7 W/m	/	590	62.5mm
Blue	6.7 W/m	/	135	62.5mm
R+G+B	20 W/m	/	945	62.5mm

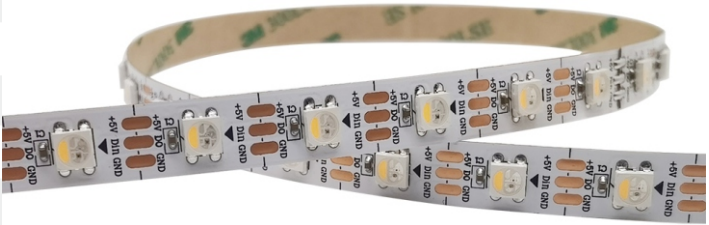
Protection Level:



SPI RGBW | 60 LEDs/m

5050 Built in WS 2814 5V

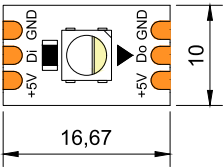
Voltage	5V dc
Power	12.2W
Cutting Length	16.67mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



CV

L70/B50
50000h

Dimension (mm):



Model No.: ZNL-FS5050RGBWIC60-5VN-2814

Light color	Power	CRI	lm/m	Cutting length
Red	2.4W/m	/	80	16.67mm
Green	2.4W/m	/	210	16.67mm
Blue	2.4W/m	/	50	16.67mm
W(3000K/4000K/6000K)	5 W/m	80	450	16.67mm
R+G+B+W	12.2W/m	/	790	16.67mm

Protection Level:



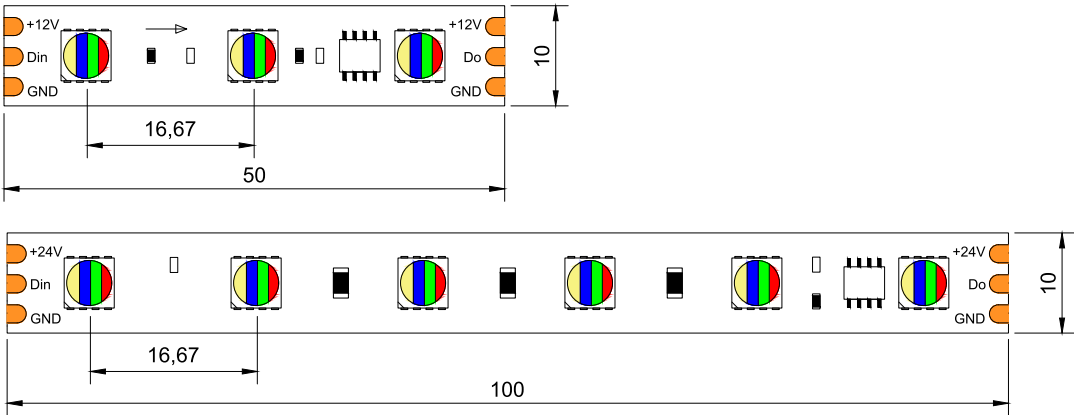
SPI RGBW | 60 LEDs/m

5050 External WS2814/TM1814/UCS2904

Voltage	12/24V dc
Power	16 W
Cutting Length	50mm 100mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGBWIC60-12/24VN-2814

Light color	Power	CRI	lm/m	Cutting length 12V 24V
Red	4 W/m	/	130	50mm 100mm
Green	4 W/m	/	350	50mm 100mm
Blue	4 W/m	/	80	50mm 100mm
W(2700K/3000K/4000K/4500K)	4 W/m	80	380	50mm 100mm
R+G+B+W	16 W/m	/	940	50mm 100mm

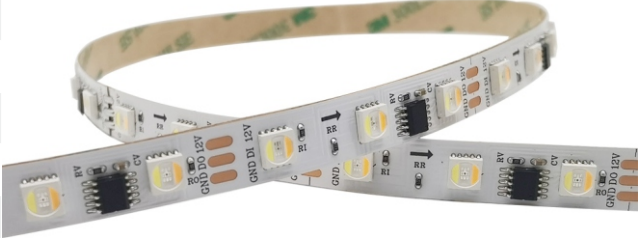
Protection Level:



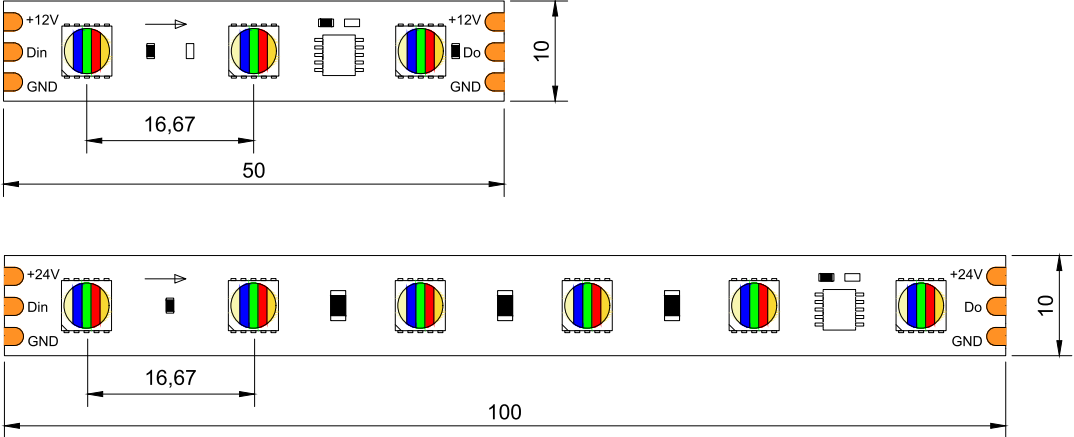
SPI RGBWW | 60 LEDs/m

5050 External FW1906

Voltage	12V 24V dc
Power	21.6W
Cutting Length	50mm 100mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGBWWIC60-12/24VN-1906

Light color	Power	CRI	lm/m	Cutting length 12V 24V
Red	4.32W/m	/	140	50mm 100mm
Green	4.32W/m	/	380	50mm 100mm
Blue	4.32W/m	/	85	50mm 100mm
CW(6500K)	4.32W/m	80	390	50mm 100mm
WW(2400K)	4.32W/m	80	410	50mm 100mm
R+G+B+CW+WW	21.6W/m	/	1405	50mm 100mm

Protection Level:



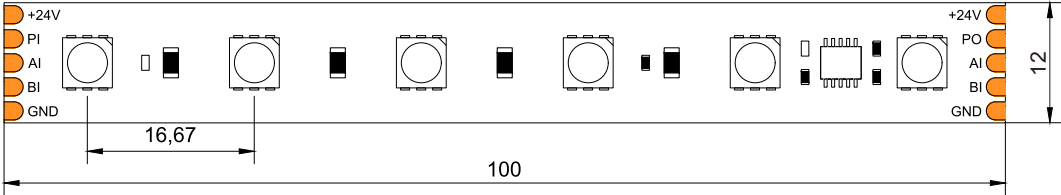
DMX RGB | 60 LEDs/m

5050 External TM512/UCS512

Voltage	24V dc
Power	13W
Cutting Length	100mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGBIC60-24VN-DMX

Light color	Power	CRI	lm/m	Cutting length
Red	4.32 W/m	/	140	100mm
Green	4.32 W/m	/	380	100mm
Blue	4.32 W/m	/	85	100mm
R+G+B	13 W/m	/	605	100mm

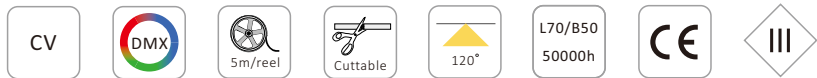
Protection Level:



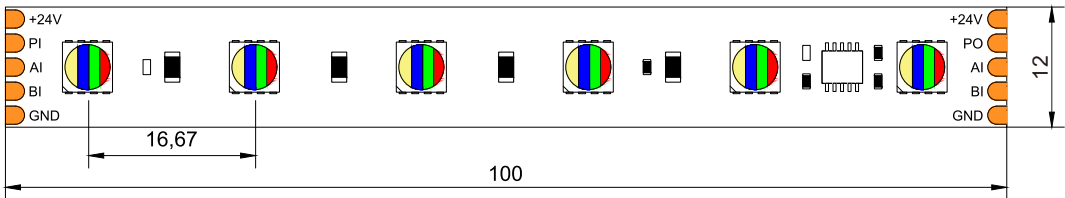
DMX RGBW | 60 LEDs/m

5050 External TM512/UCS512

Voltage	24V dc
Power	17.3W
Cutting Length	100mm
PCB copper	3oz
Ambient temperature	-20°C~+50°C



Dimension (mm):



Model No.: ZNL-FS5050RGBWIC60-24VN-DMX

Light color	Power	CRI	lm/m	Cutting length
Red	4.32 W/m	/	140	100mm
Green	4.32 W/m	/	380	100mm
Blue	4.32 W/m	/	85	100mm
W(2700K/3000K/4000K/6500K)	4.32 W/m	80	410	100mm
R+G+B+W	17.3 W/m	/	1015	100mm

Protection Level:



AC 230V 60LEDs/m

Voltage	230V AC
Power	8W
Cutting Length	1000mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



AC 230V

CRI 80

50m/reel

Cuttable

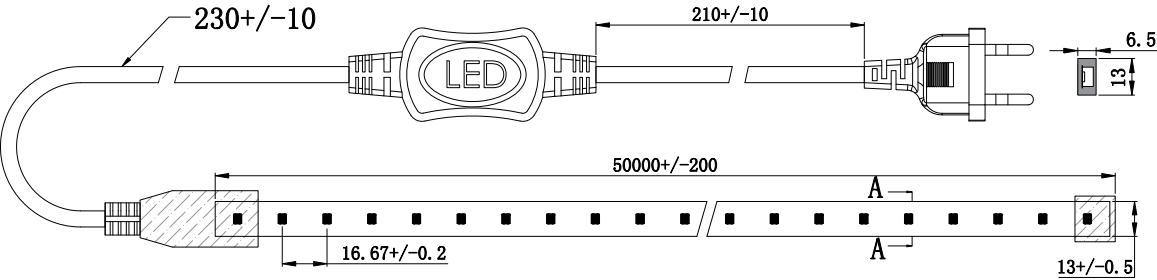
120°

IP65

PVC

CE

Dimension (mm):



Model No.: ZNL-F2835UX60-230VW

Light color	Power	PF	lm/m	Cutting length
6000K	8 W/m	0.92	600	1000mm
4000K	8 W/m	0.92	600	1000mm
3000K	8 W/m	0.92	560	1000mm
2700K	8 W/m	0.92	560	1000mm

Protection Level:



AC 230V 120LEDs/m

Voltage	230V AC
Power	11W
Cutting Length	1000mm
PCB copper	2oz
Ambient temperature	-20°C~+50°C



AC 230V

CRI 80

50m/reel

Cuttable

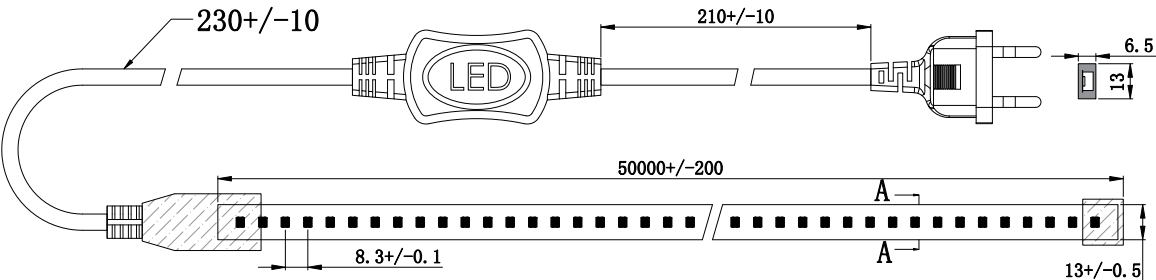
120°

IP65

PVC

CE

Dimension (mm):



Model No.: ZNL-FS2835UX120-230VW

Light color	Power	PF	lm/m	Cutting length
6000K	11W/m	0.92	720	1000mm
4000K	11 W/m	0.92	720	1000mm
3000K	11 W/m	0.92	680	1000mm
2700K	11 W/m	0.92	680	1000mm

Protection Level:



Sensor switch

Sensor Switch

Smart activation for cabinet and accent lighting

Convenient hands-free operation with four intelligent switching modes designed for cabinet lights, closets, and under-counter applications.

Four Switch Modes

- **Touch Dimmer:** Adjustable brightness control
- **Door Trigger:** Automatic on/off with door movement
- **Hand Wave:** Gesture activation without contact
- **Motion Sensor:** PIR detection for presence-based lighting

Applications

- Kitchen cabinets and pantries
- Wardrobes and closets
- Display cases and shelving
- Under-counter lighting

Effortless lighting control that activates when you need it.

Door trigger sensor switch External integrated

Model No.: ZNL-IRDR4001



Charcteristics

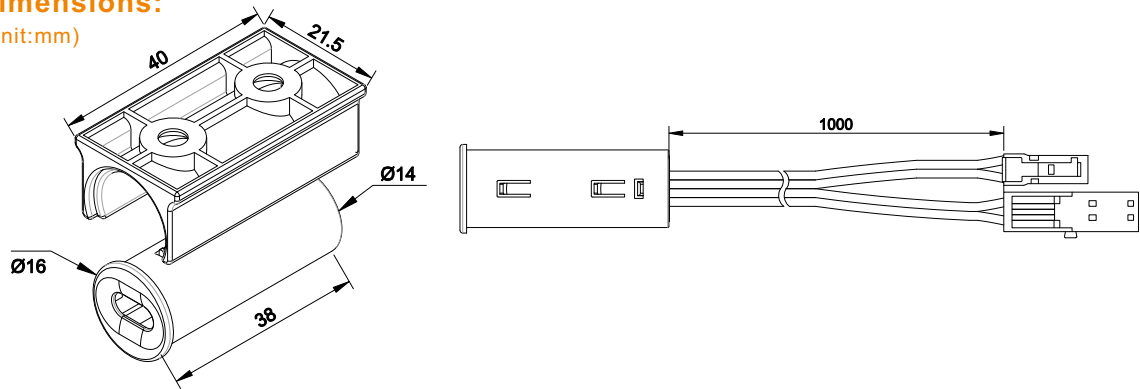
- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 1-5cm
- Open door, light on; close door, light off

Applications Ideas

LED cabinet light, LED kitchen, LED drawer light, LED wardrobe light, LED wine rack light, and so on...

Dimensions:

(Unit:mm)



Door trigger sensor switch Built-in

Model No.: ZNL-IRDR4002



Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Dimensions: 50*10mm
- Detection distance: 1-5cm
- Open door, light on; close door, light off

Applications Ideas

LED cabinet light, LED drawer light, LED wardrobe light, LED wine rack light, and so on...

Application:



Door trigger sensor switch
Separate surface mounted

Model No.: ZNL-IRDR4004



Characteristics

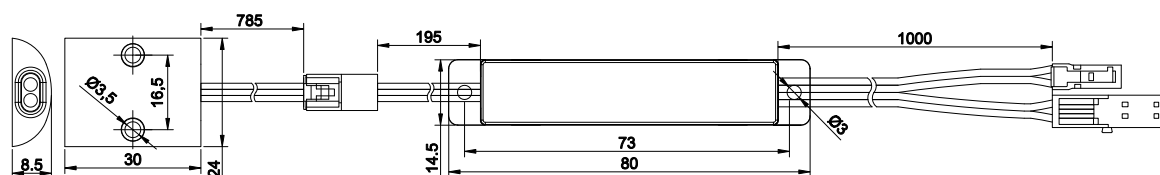
- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 1-5cm
- Open door, light on; close door, light off

Applications Ideas

LED cabinet light, LED kitchen, LED drawer light,
LED wardrobe light, LED wine rack light, and so on...

Dimensions:

(Unit:mm)



Door trigger sensor switch
Separate surface mounted(Double door)

Model No.: ZNL-IRDR4006



Characteristics

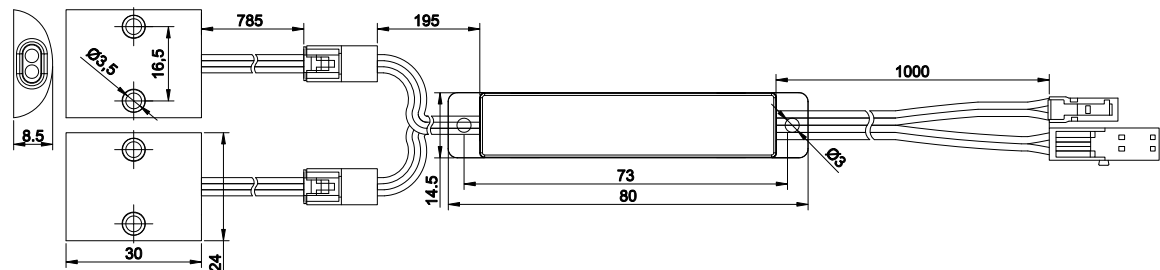
- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 1-5cm
- Open door, light on; close door, light off; when both doors are closed, the light off

Applications Ideas

LED cabinet light, LED kitchen, LED drawer light,
LED wardrobe light, LED wine rack light, and so on...

Dimensions:

(Unit:mm)



Door trigger sensor switch
Split embedded

Model No.: ZNL-IRDR4007



Characteristics

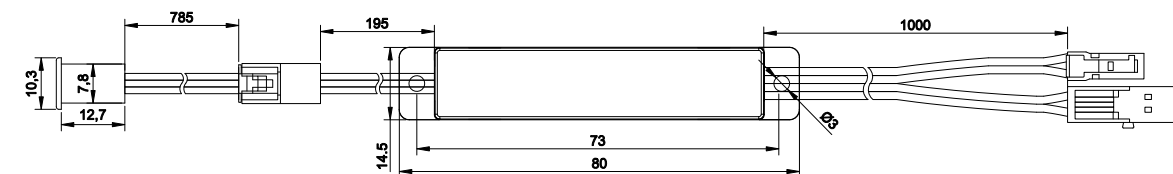
- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 1-5cm
- Open door, light on; close door, light off;
when both doors are closed, the light off

Applications Ideas

LED cabinet light, LED kitchen, LED drawer light,
LED wardrobe light, LED wine rack light, and so on...

Dimensions:

(Unit:mm)



Door trigger sensor switch
Split embedded(Double door)

Model No.: ZNL-IRDR4008



Characteristics

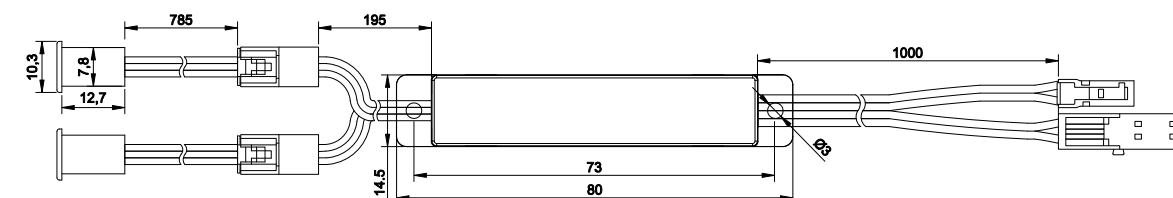
- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 1-5cm
- Open door, light on; close door, light off;
when both doors are closed, the light off

Applications Ideas

LED cabinet light, LED kitchen, LED drawer light,
LED wardrobe light, LED wine rack light, and so on...

Dimensions:

(Unit:mm)



Hand shaking sensor switch
External integrated Model No.: ZNL-IRHS2001

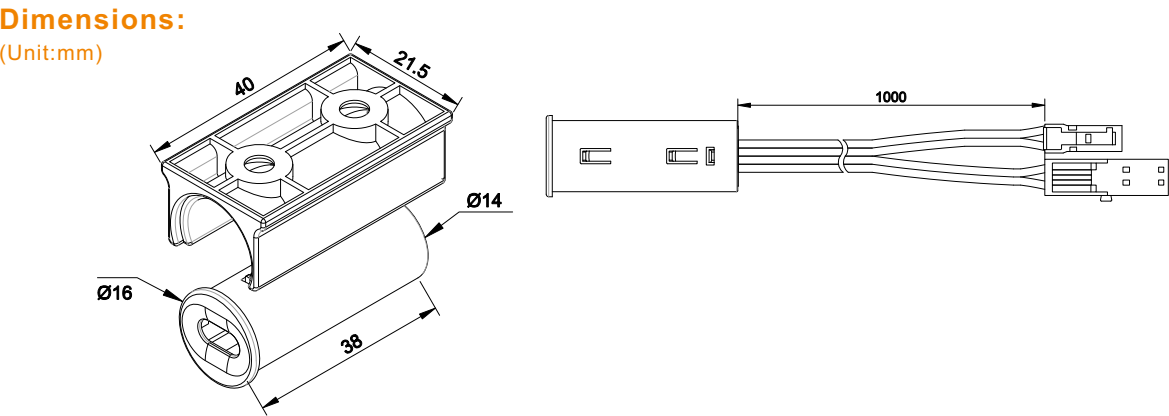


Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 1-10cm
- Hand shaking, light on; hand shaking again, light off

Applications Ideas

LED cabinet light, LED wardrobe light,
LED wine rack light, and so on...



Hand shaking sensor switch
Split embedded Model No.: ZNL-IRHS2003

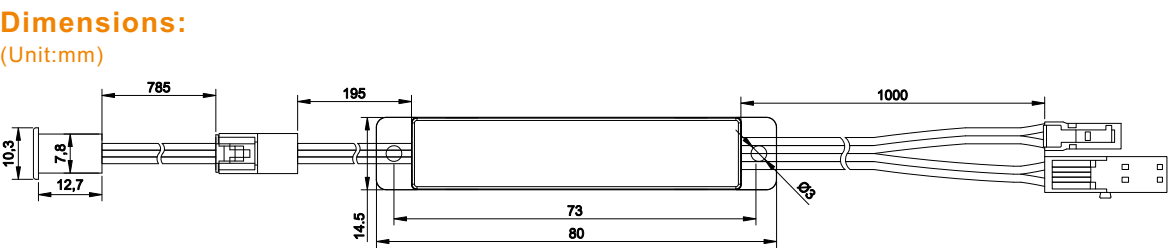


Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 1-10cm
- Hand shaking, light on; hand shaking again, light off

Applications Ideas

LED cabinet light, LED wardrobe light,
LED wine rack light, and so on...



Hand shaking sensor switch
Separate surface mounted Model No.: ZNL-IRHS2004

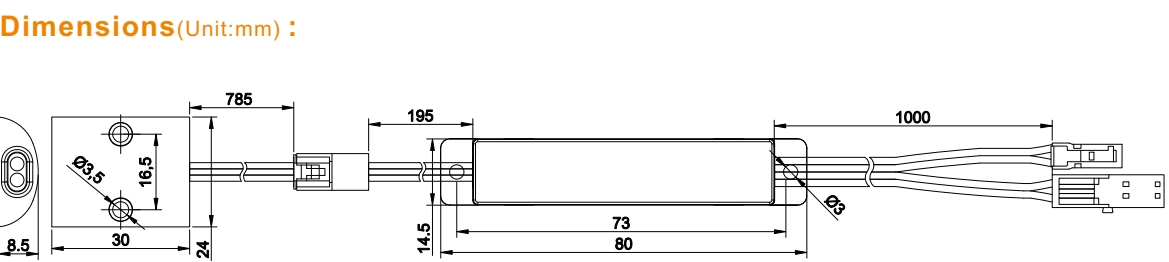


Charcteristics

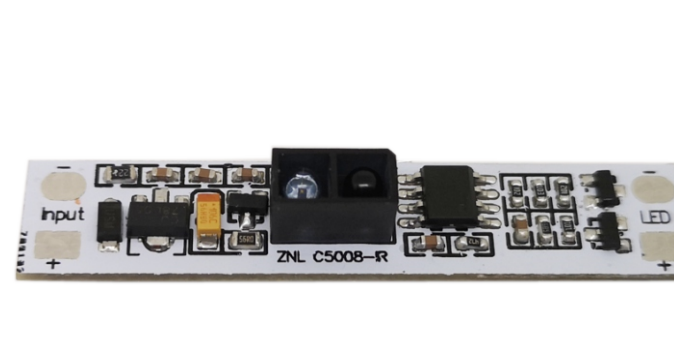
- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 1-10cm
- Hand shaking, light on; hand shaking again, light off

Applications Ideas

LED cabinet light, LED wardrobe light,
LED wine rack light, and so on...



Hand shaking sensor switch
Built-in Model No.: ZNL-IRHS2002



Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 1-10cm
- Hand shaking, light on; hand shaking again, light off

Applications Ideas

LED cabinet light, LED wardrobe light,
LED wine rack light, and so on...



Motion sensor switch
External integrated

Model No.: ZNL-PIR1001



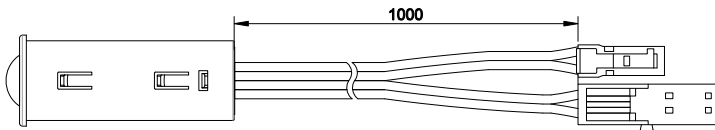
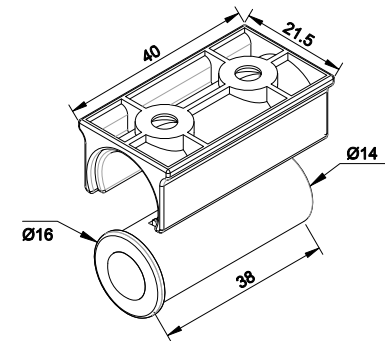
Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 3-5meter
- Detection angle is 120°
- The light turn on when human walk in; and light turn off when human walk out after 35 secs
- Can be installed externally or embedded

Applications Ideas

LED cabinet light, LED drawer light,
LED wardrobe light, LED wine rack light, and so on...

Dimensions(Unit:mm) :



Motion sensor switch
Built-in

Model No.: ZNL-PIR1002



Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 3-5meter
- Detection angle is 120°
- Dimensions: 50*10mm
- The light turn on when human walk in; and light turn off when human walk out after 35 secs

Applications Ideas

LED cabinet light, LED drawer light,
LED wardrobe light, LED wine rack light, and so on...

Application:



Motion sensor switch
Split embedded

Model No.: ZNL-PIR1003



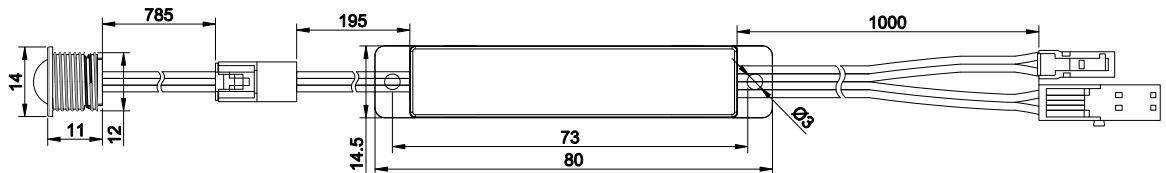
Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Detection distance: 3-5meter
- Detection angle is 120°
- The light turn on when human walk in; and light turn off when human walk out after 35 secs
- Sensor embedded installation

Applications Ideas

LED cabinet light, LED drawer light,
LED wardrobe light, LED wine rack light, and so on...

Dimensions(Unit:mm) :



Mirror touching switch
Special for mirror

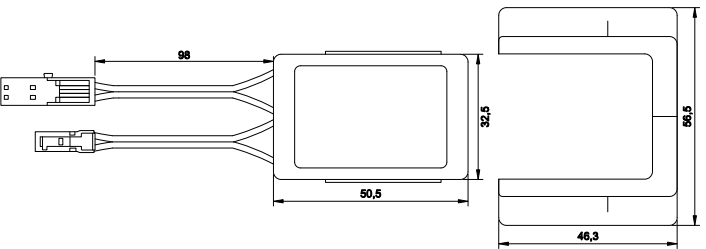
Model No.: ZNL-TS001



Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Installed invisibly behind the mirror
- Mirror touch controllable switch
- Surface materials: can be wood, glass, ceramics, plastic, etc
- Maximum induction distance 5 mm

Dimensions(Unit:mm) :



Touch dimmer sensor switch
External integrated

Model No.: ZNL-TDS3001



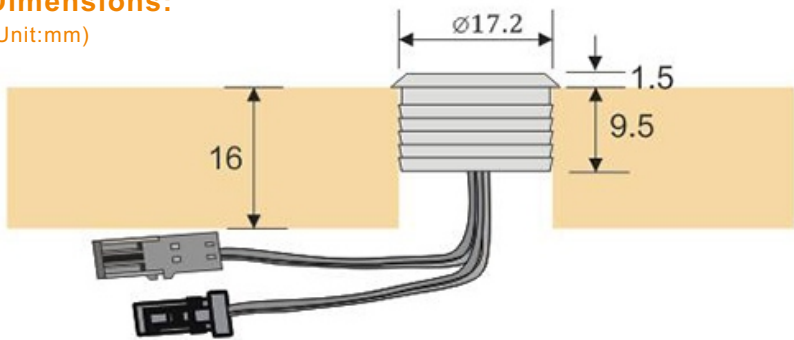
Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Dimensions: 40*8mm
- Surface mounted and embedded installation
- Touch, light on; touch again, light off; Press for 3 secs could adjust the brightness

Applications Ideas

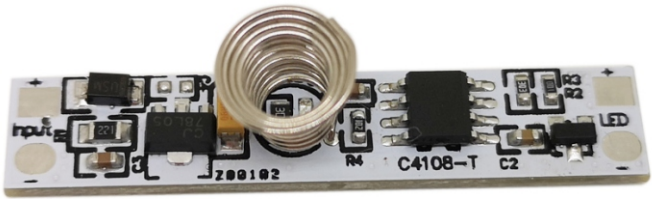
LED cabinet light, LED drawer light,
LED wardrobe light, and so on...

Dimensions:
(Unit:mm)



Touch dimmer sensor switch
Built-in

Model No.: ZNL-TDS3002



Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Dimensions: 40*8mm
- Installed in aluminum profile
- Touch, light on; touch again, light off; Press for 3 secs could adjust the brightness

Applications Ideas

LED cabinet light, LED drawer light,
LED wardrobe light, and so on...

Application:



Touch dimmer sensor switch
Strong penetration

Model No.: ZNL-TDS3003



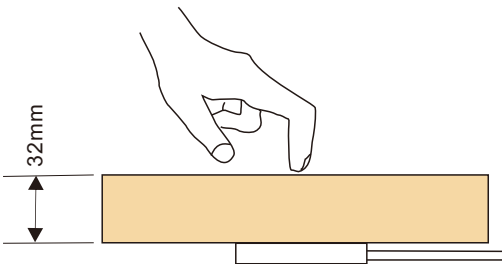
Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Dimensions: 45*35mm
- It can penetrate 30mm of wood, 12mm of glass and 14mm of tile
- Touch, light on; touch again, light off; Press for 3 secs could adjust the brightness

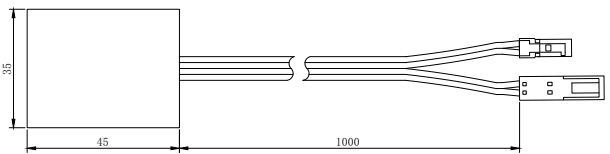
Applications Ideas

LED cabinet light, LED drawer light,
LED wardrobe light, and so on...

Application:



Dimensions(Unit:mm):



Touch dimmer sensor switch
2.4G RF

Model No.: ZNL-TDS3004



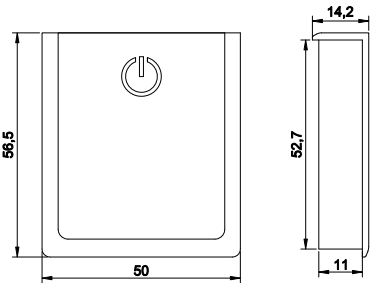
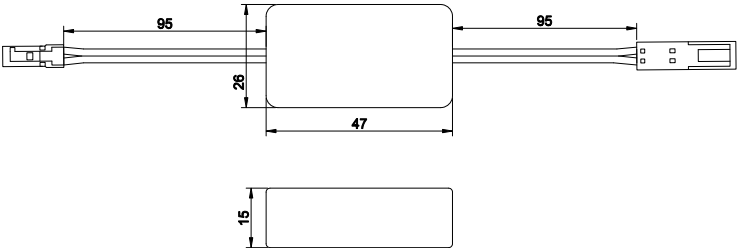
Charcteristics

- Operating Voltage DC12V or 24V
- Load power <60W
- Touch, light on; touch again, light off; Press for 3 secs could adjust the brightness
- Remote control distance <10m

Applications Ideas

LED cabinet light, LED drawer light,
LED wardrobe light, and so on...

Dimensions:
(Unit: mm)



Accessories | Connector

SR Series



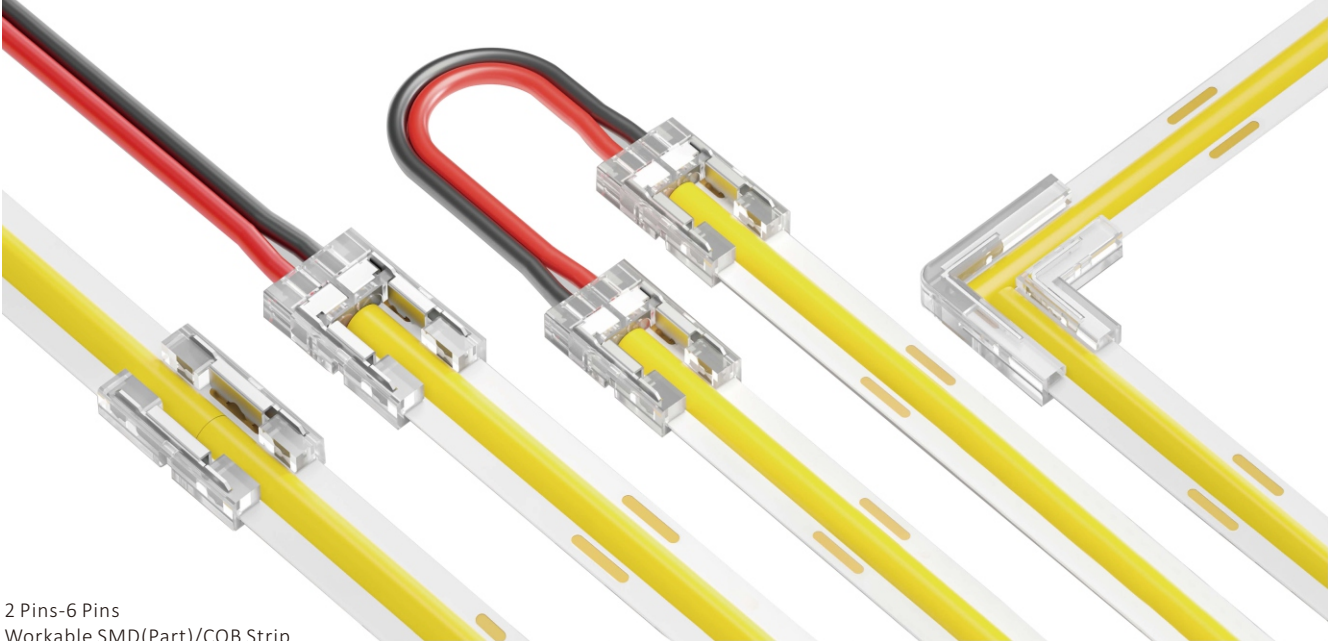
2 Pins-5 Pins
Workable SMD Strip
PCB Width 8mm, 10mm, 12mmStandard
IP20
One color, CCT, RGB, RGBW
Workable Wire:22~20AWG
Max Current: 2.5A (Low Voltage)

SR Series



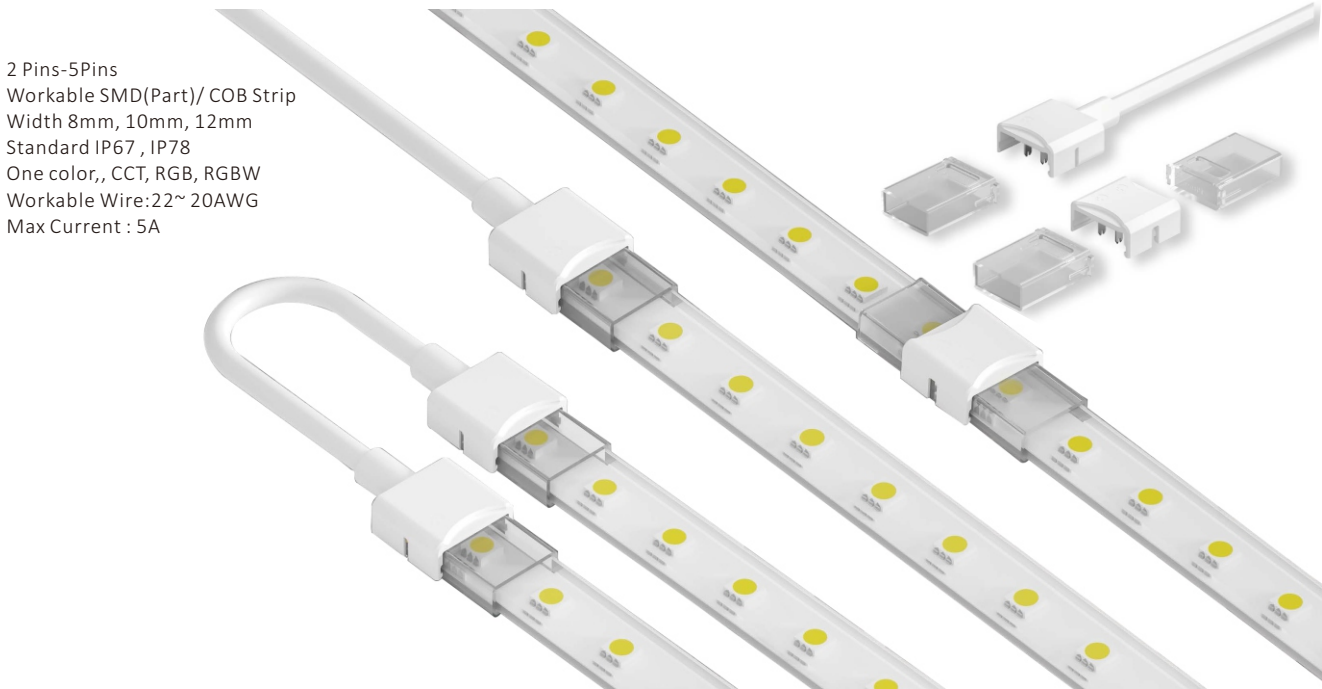
2 Pins-6 Pins
Workable SMD (Part)/COB Strip
PCB Width 5mm, 8mm, 10mm, 12mm
IP20-IP65A
One color, CCT, RGB, RGBW, RGBCCT
Workable Wire:22~ 18AWG
Max Current:5A

BC Series



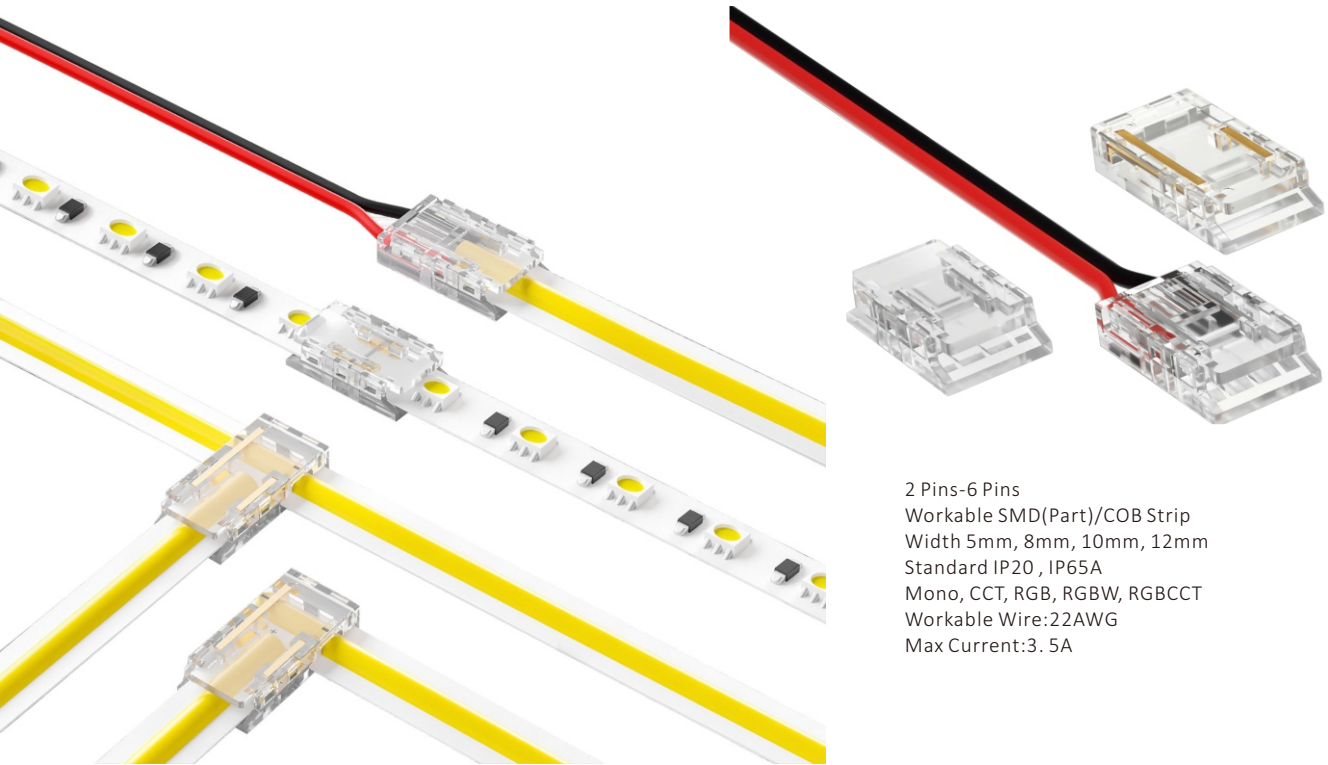
2 Pins-6 Pins
Workable SMD(Part)/COB Strip
PCB Width 5mm, 6mm, 8mm, 10mm, 12mm
Standard IP20, IP65A
One color, CCT, RGB, RGBW, RGBCCT
Workable Wire:22-20AWG
Max Current: 5A(Low Voltage)

SD Series



2 Pins-5Pins
Workable SMD(Part)/ COB Strip
Width 8mm, 10mm, 12mm
Standard IP67 , IP78
One color,, CCT, RGB, RGBW
Workable Wire:22~ 20AWG
Max Current : 5A

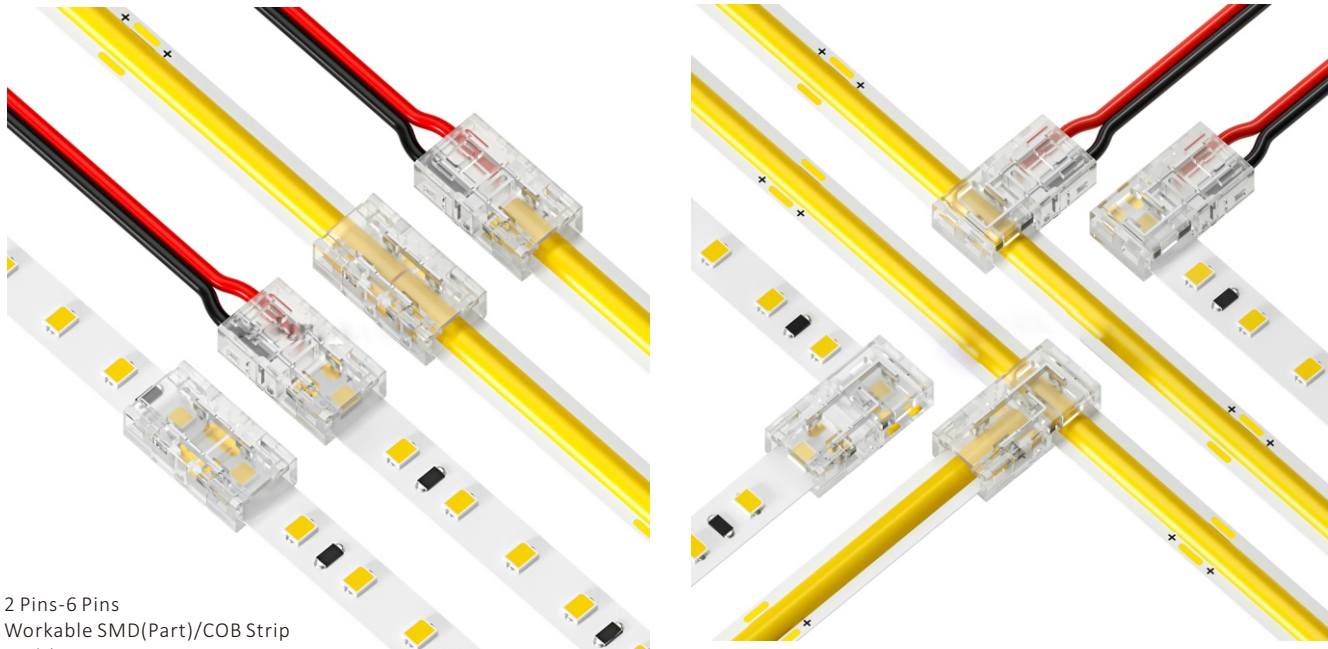
MN Series



2 Pins-6 Pins
Workable SMD(Part)/COB Strip
Width 5mm, 8mm, 10mm, 12mm
Standard IP20 , IP65A
Mono, CCT, RGB, RGBW, RGBCCT
Workable Wire:22AWG
Max Current:3. 5A

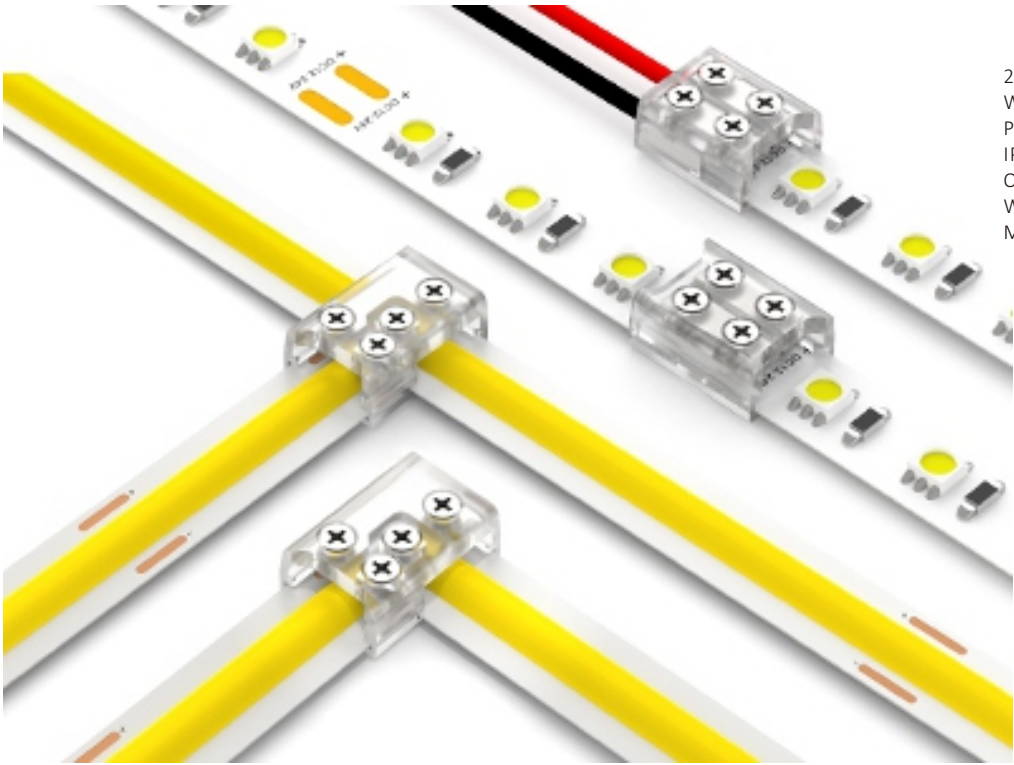
Accessories | Connector

MM Series



2 Pins-6 Pins
Workable SMD(Part)/COB Strip
Width 5mm, 8mm, 10mm, 12mm
Standard IP20 , IP65A
Mono, CCT, RGB, RGBW, RGBCT
Workable Wire:22AWG
Max Current:3. 5A

LS Series



2 Pins& T/L Shape
Workable: SMD (Part) / COB Strip:
PCB Width: 8mm, 10mm
IP20
One color strip
Workable Wire:22-18AWG
Max Current: 6A

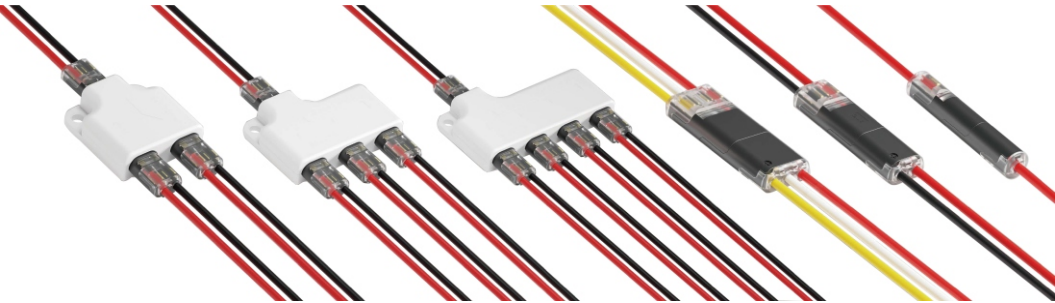
BX Series



2 Pins
Workable SMD(Part)/COB Strip
PCB Width: 5mm, 8mm, 10mm
IP20/ 65 One color strip
Workable Wire:22-20AWG
Max Current: 5A (Low Voltage)

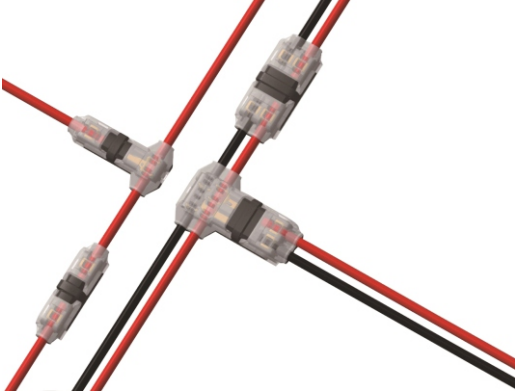
Accessories

Pluggable Wire Joint



1 Pin(Small size&BigSize),
2 Pins(Small size&BigSize),
3 Pins(Small size)
Wire: 22-20AWG/18-16AWG
Max Current: 3.5A-10A

Wire joint



1 Pins~3 Pins (Include I Shape, Y Shape, T Shape)
Big Size/Small Size
Workable Wire:22-14AWG
Max Current: 3.5A-10A

Mounted clip



Workable: SMD(Part)/COB Strip:
PCB Width: 8mm, 10mm, 12mm
IP20/IP54/IP65/IP67/IP68

Connector for power to strip



Production No.: ZNL-DC-1
Type: DC5.5×2.1
Max Power: 100W
Working Environment: -10~45℃
Workable Wire Gauge: 22-18AWG



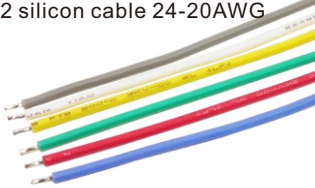
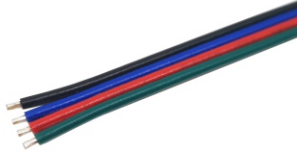
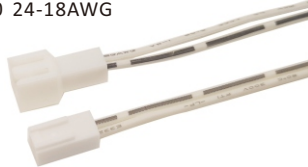
Production No.: ZNL-DC-2
Type: DC5.5×2.1
Max Power: 100W
Working Environment: -10~45℃
Workable Wire Gauge: 22-18AWG

Package reel

Diameter: 130mm  Max: 8m/ reel	Diameter: 178mm (7inch)  Max: 15m/ reel	Diameter: 200mm  Max: 20m/ reel	Diameter: 254mm  Max: 30m/ reel	Diameter: 305mm  Max: 50m/ reel
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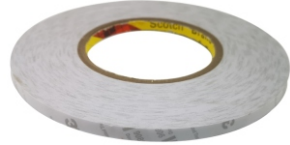
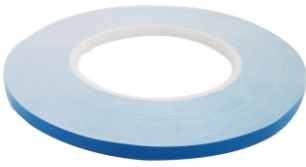
Remarks: The above package quantity is based on IP20 2835 120LEDs/m

Leads wire

2468 red&black 26-18AWG 	2464 round cable 24-18AWG 	3232 silicon cable 24-20AWG 
RGB 4bin cable 24-20AWG 	DuPont 24-18AWG 	2510 24-18AWG 
JST 24-18AWG 	SM 2P/4P 24-20AWG 	DC 5521 (IP20) 
DC 5521 (Waterproof) 	RGB Waterproof 	Mini Waterproof 

Remarks: 22AWG=0.32mm², 20AWG=0.515mm², 18AWG=0.817mm²

Adhesive tape

3M 9495 200MP  Moderate viscosity, commonly used	3M 9495 300LSE  Strong viscosity, commonly used	3M 468MP  No base material, used in special occasions
3M 9080A  Moderate viscosity, commonly used	3M 5608N VHB  For waterproof strips, outdoor used	Blue heat-conducting tape  For high wattage strips and aluminum profiles

Power Supply

Indoor

	Model No.	LRS-35	LRS-50	LRS-75
	Input Voltage	85-264V AC	85-264V AC	85-264V AC
	Frequency	50~60Hz	50~60Hz	50~60Hz
	Output Voltage	12 or 24V dc	12 or 24V dc	12 or 24V dc
	Power	35W	50W	75W
	Dimension (L×W×H)	99×82×30mm	99×82×30mm	99×97×30mm
	Weight (G.W)	230g	230g	250g
	Model No.	LRS-100	LRS-200	LRS-350
	Input Voltage	85-264V AC	85-264V AC	85-264V AC
	Frequency	50~60Hz	50~60Hz	50~60Hz
	Output Voltage	12 or 24V dc	12 or 24V dc	12 or 24V dc
	Power	100W	200W	350W
	Dimension (L×W×H)	129×97×30mm	215×115×30mm	215×115×30mm
	Weight (G.W)	340g	660g	760g

	Model No.	LD-24	LD-36	LD-60
	Input Voltage	185-264V AC	185-264V AC	185-264V AC
	Frequency	50~60Hz	50~60Hz	50~60Hz
	Output Voltage	12 or 24V dc	12 or 24V dc	12 or 24V dc
	Power	24W	36W	60W
	Dimension (L×W×H)	145×52×16.5mm	180×60×16.5mm	223×64×16.5mm
	Weight (G.W)	120g	150g	190g

	Model No.	AP-12	AP-24	AP-36
	Input Voltage	85-264V AC	85-264V AC	85-264V AC
	Frequency	50~60Hz	50~60Hz	50~60Hz
	Output Voltage	12 or 24V dc	12 or 24V dc	12 or 24V dc
	Power	12W	24W	36W
	Dimension (L×W×H)	75×40×30mm	83×44×31mm	94×44×33mm
	Weight (G.W)	90g	100g	145g

	Model No.	AP-36B	AP-60	AP-72
	Input Voltage	85-264V AC	85-264V AC	85-264V AC
	Frequency	50~60Hz	50~60Hz	50~60Hz
	Output Voltage	12 or 24V dc	12 or 24V dc	12 or 24V dc
	Power	36W	60W	72W
	Dimension (L×W×H)	115×45×30mm	120×60×38mm	140×60×34mm
	Weight (G.W)	178g	250g	280g

Outdoor (IP67)

ELG series 	100~305VAC input range 75W~300W reliable output Metal case, IP67/IP65 design for indoor or outdoor installations, Output adjustable via potentiometer; 3 in 1 dimming (0~10Vdc or 10V PWM signal or resistance, dim-to-off); smart timer dimming; DALI. 5years warranty
HLG series 	90~305VAC input, built-in active PFC function 40W~600W reliable output Metal case, IP67/IP65 design for indoor or outdoor installations, Output adjustable via potentiometer; 3 in 1 dimming (1~10Vdc or 10V PWM signal or resistance); timer dimming 7years warranty

Controller

RF Wireless single color Dimming Remote & Receiver

Model No.:ZNL-V1-12180W-RF

Receiver	Remote
Input voltage: 12~24V dc	Input voltage: 3V dc (battery Cr2032)
Output voltage: 1CH×15A	Standby time: 2 Years
Output power: 180W(12V)/360W(24V)	Remote distance: 30m
IP level: IP20	Working frequency: 2.4GHz
Working TEMP: -30℃~+55℃	Working TEMP: -30℃~+55℃
Dimensions: L175×W45×H27mm	Dimensions: L107×W58.5×H9mm
EMC: EN301489, EN62479	
LVD: EN60950	
RED: EN300328	



RF Wireless CCT Dimming Remote & Receiver

Model No.:ZNL-V2-12192W-RF

Receiver	Remote
Input voltage: 12~24V dc	Input voltage: 3V dc (battery Cr2032)
Output voltage: 2CH×8A	Standby time: 2 Years
Output power: 192W(12V)/384W(24V)	Remote distance: 30m
IP level: IP20	Working frequency: 2.4GHz
Working TEMP: -30℃~+55℃	Working TEMP: -30℃~+55℃
Dimensions: L175×W45×H27mm	Dimensions: L107×W58.5×H9mm
EMC: EN301489, EN62479	
LVD: EN60950	
RED: EN300328	



RF Wireless RGB Remote & Receiver

Model No.:ZNL-V3-12192W-RF

Receiver	Remote
Input voltage: 12~24V dc	Input voltage: 3V dc (battery Cr2032)
Output voltage: 3CH×6A	Standby time: 2 Years
Output power: 216W(12V)/432W(24V)	Remote distance: 30m
IP level: IP20	Working frequency: 2.4GHz
Working TEMP: -30℃~+55℃	Working TEMP: -30℃~+55℃
Dimensions: L175×W45×H27mm	Dimensions: L107×W58.5×H9mm
EMC: EN301489, EN62479	
LVD: EN60950	
RED: EN300328	



RF Wireless RGBW Remote & Receiver

Model No.:ZNL-V4-12240W-RF

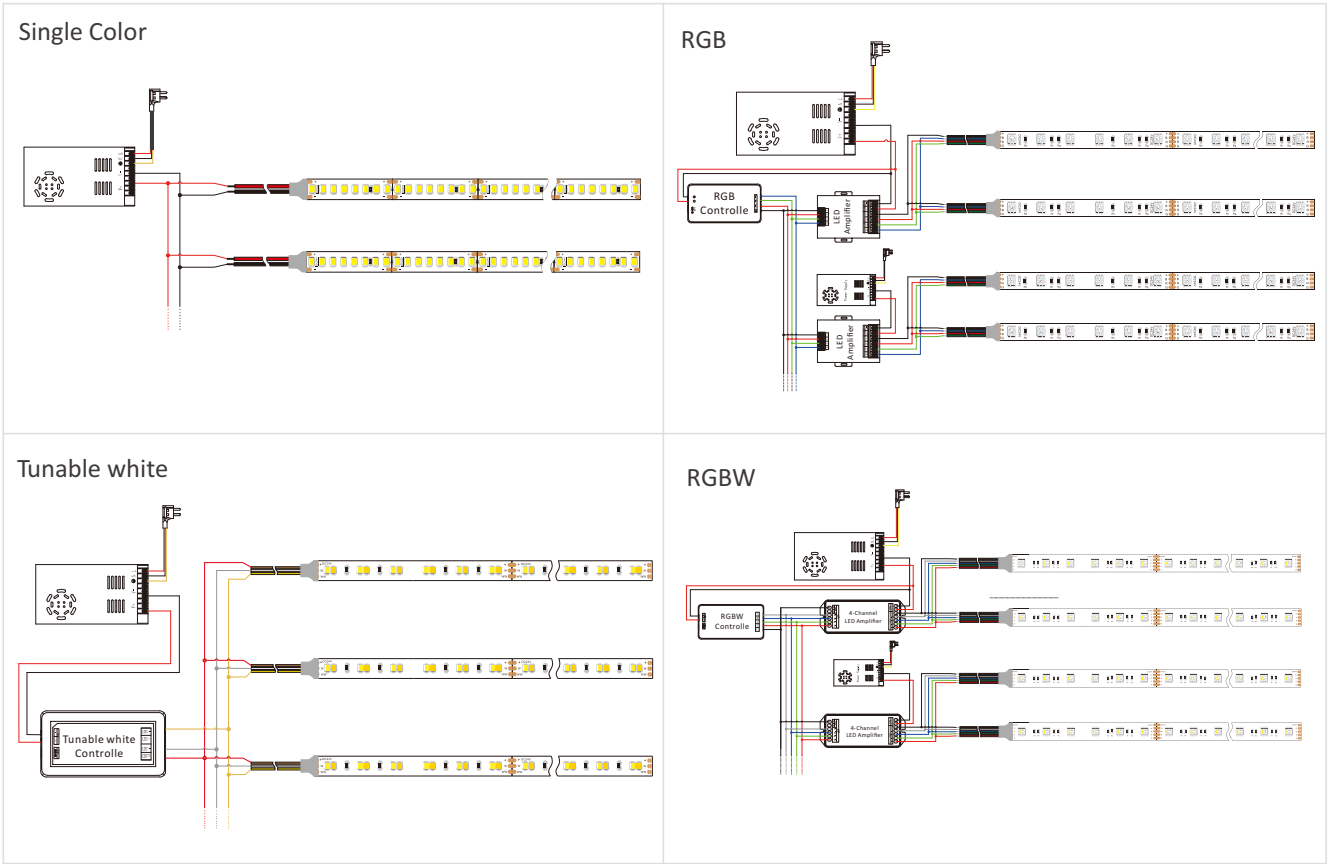
Receiver	Remote
Input voltage: 12~24V dc	Input voltage: 3V dc (battery Cr2032)
Output voltage: 4CH×5A	Standby time: 2 Years
Output power: 240W(12V)/480W(24V)	Remote distance: 30m
IP level: IP20	Working frequency: 2.4GHz
Working TEMP: -30℃~+55℃	Working TEMP: -30℃~+55℃
Dimensions: L175×W45×H27mm	Dimensions: L107×W58.5×H9mm
EMC: EN301489, EN62479	
LVD: EN60950	
RED: EN300328	



Controller

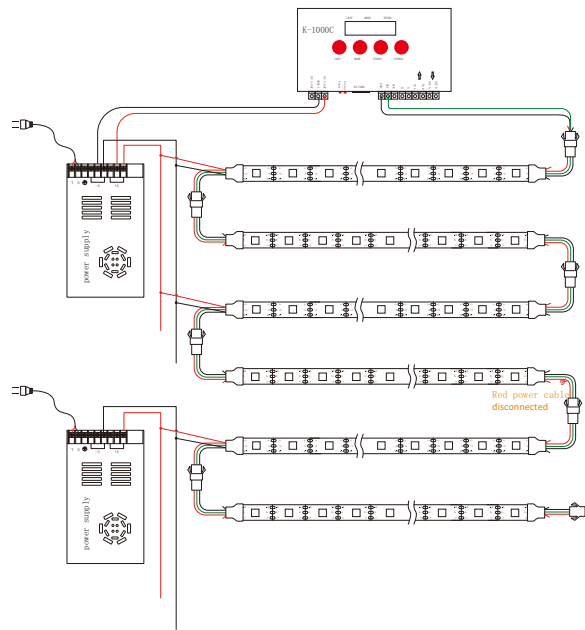
 Controller: One /two color flow controller Voltage: 5-24V dc Size: L40*W12*H5mm Pixels: 2048PCS Application: One color flow LED strip (SPI) Two color flow LED strip (SPI)	All in one  Controller: 12 IN 1 controller Voltage: 5-24V dc Size: L78*W56*H20mm Pixels: RGB1200/RGBW900/RGWW720 Application: Almost all SPI LED strip Almost all PWM LED strip	 Controller: Single port offline controller Voltage: 5-24V dc Size: L159*W89*H24mm Pixels: MX512-300 SPI-1024 Application: Almost all SPI LED strip Almost all DMX LED strip
 Controller: 8 port offline controller Voltage: 5-24V dc Size: L180*W120*H30mm Pixels: MX512-300 SPI-1024 Application: Almost all SPI LED strip Almost all DMX LED strip	 Controller: 8 port sub controller Voltage: 110-240V AC Size: L310*W152*H42mm Pixels: MX512-300 SPI-1024 Application: Almost all SPI LED strip Almost all DMX LED strip	 Controller: Master controller Voltage: 110-240V AC Size: L268*W158*H45mm Pixels: MX512-300 SPI-1024 Application: Almost all SPI LED strip Almost all DMX LED strip

Connection Diagram

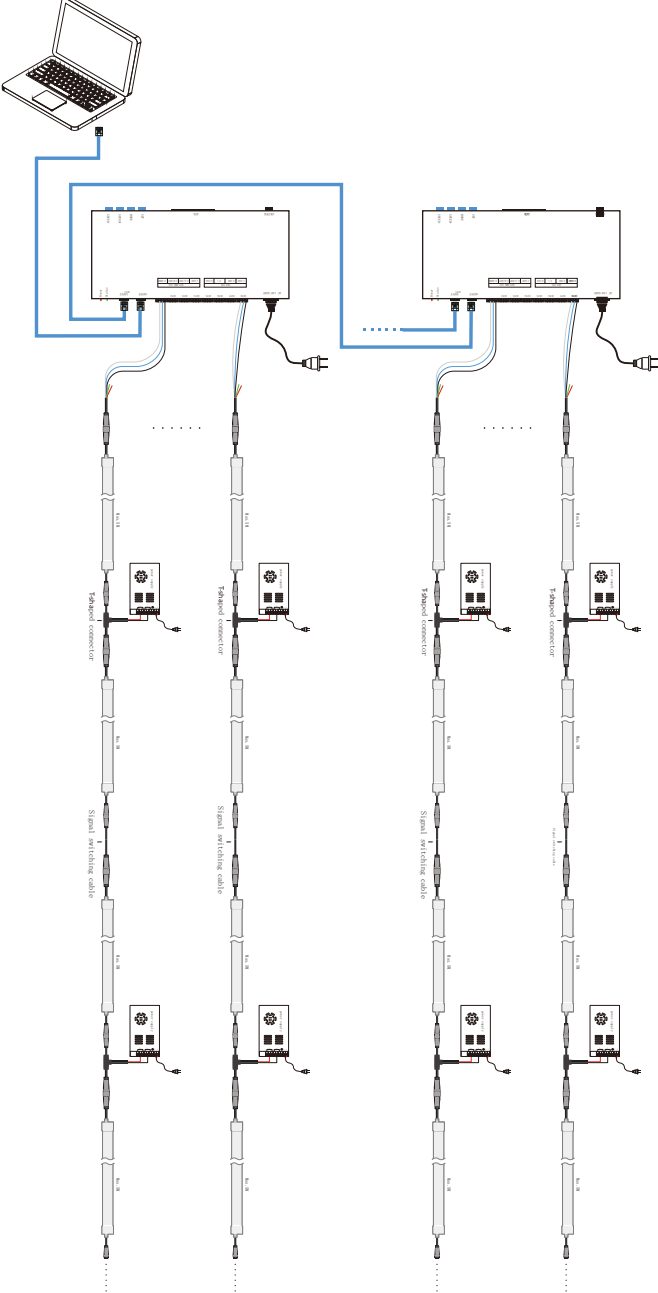


SPI/DMX Connection Diagram

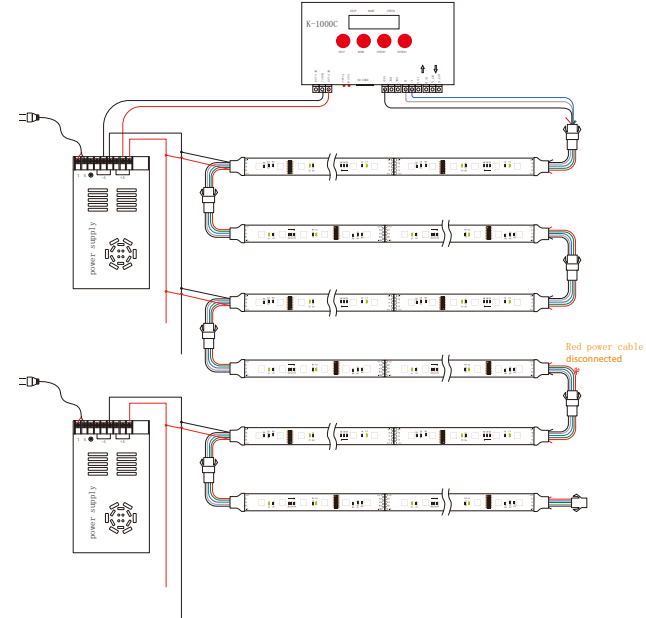
Offline controller (SPI)



Sub controller

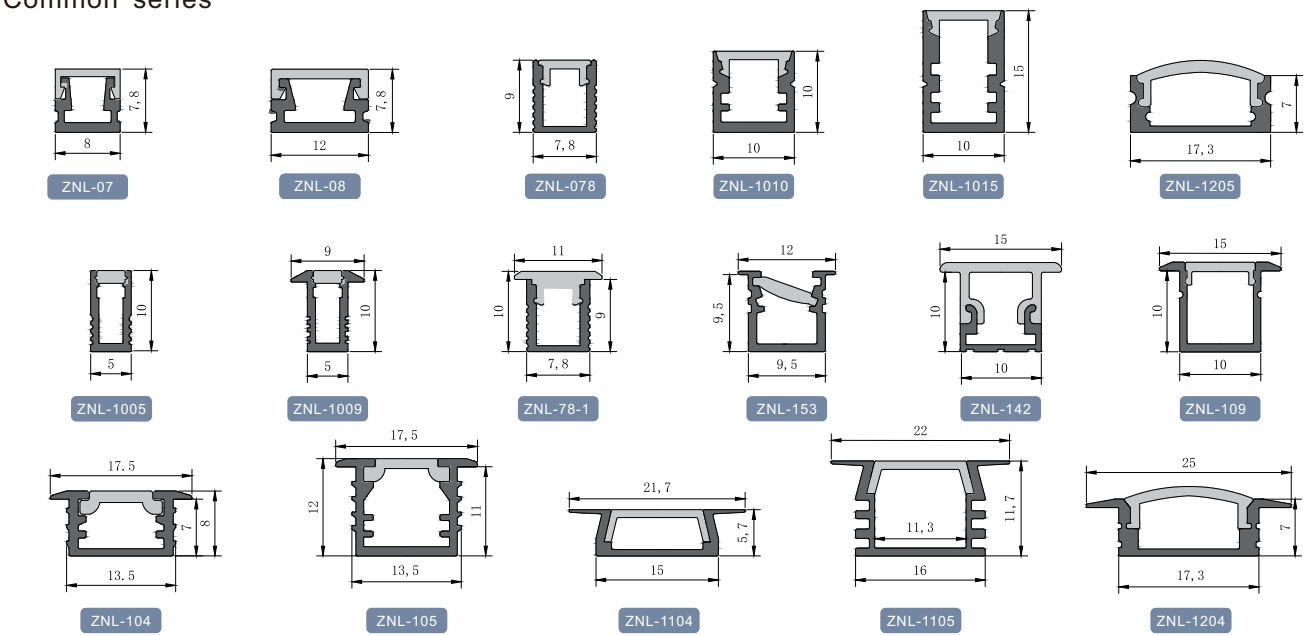


Offline controller (DMX)

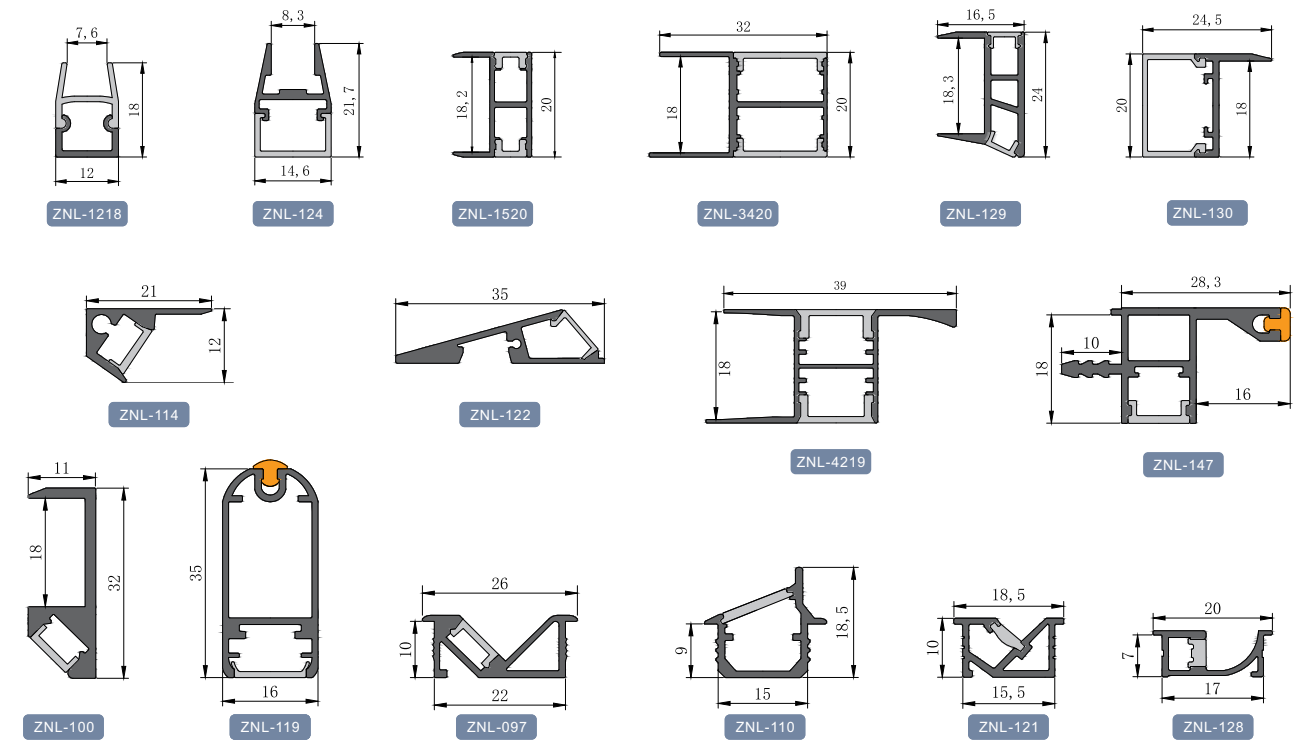


Aluminum Profile

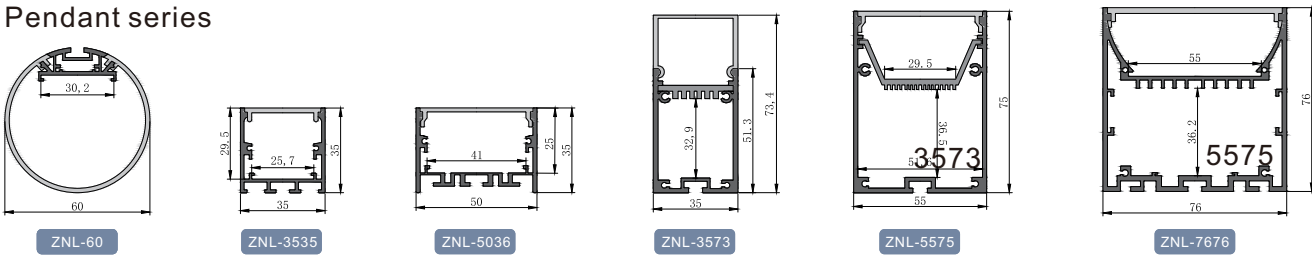
Common series



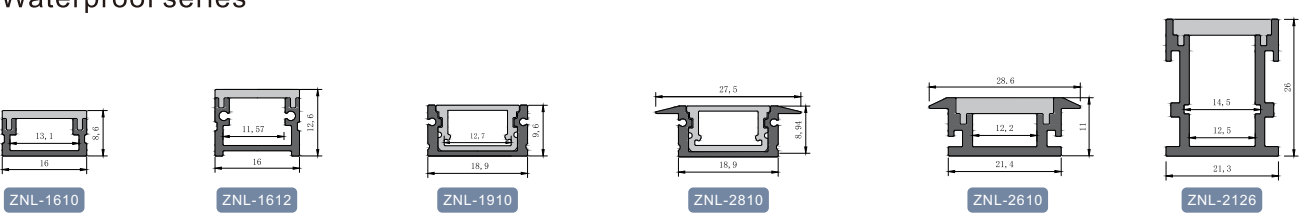
Cabinet series



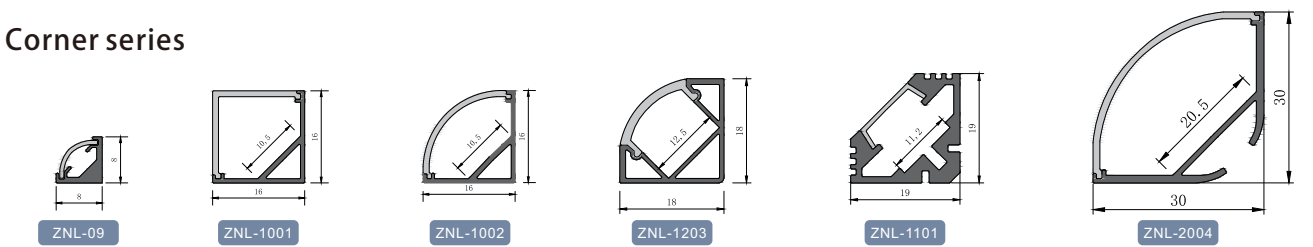
Pendant series



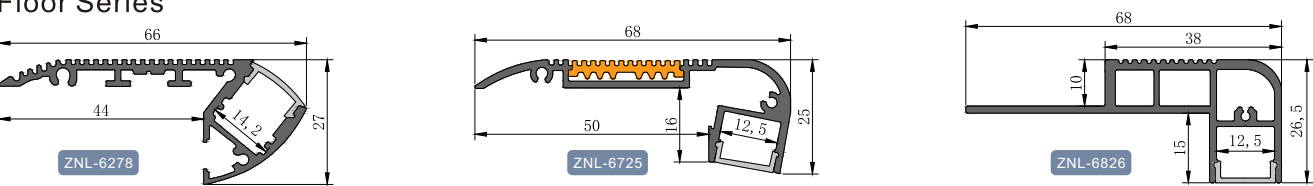
Waterproof series



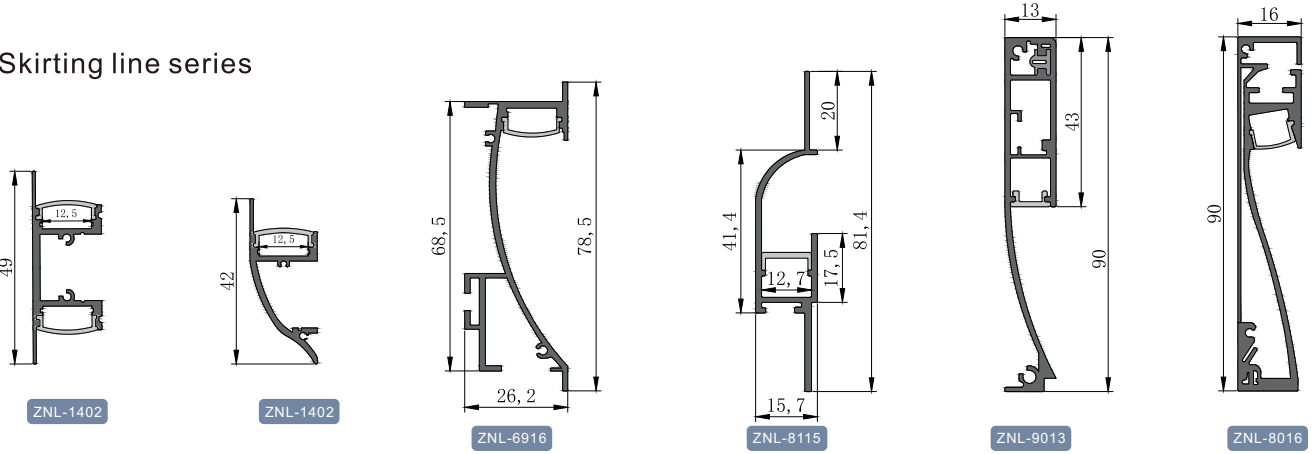
Corner series



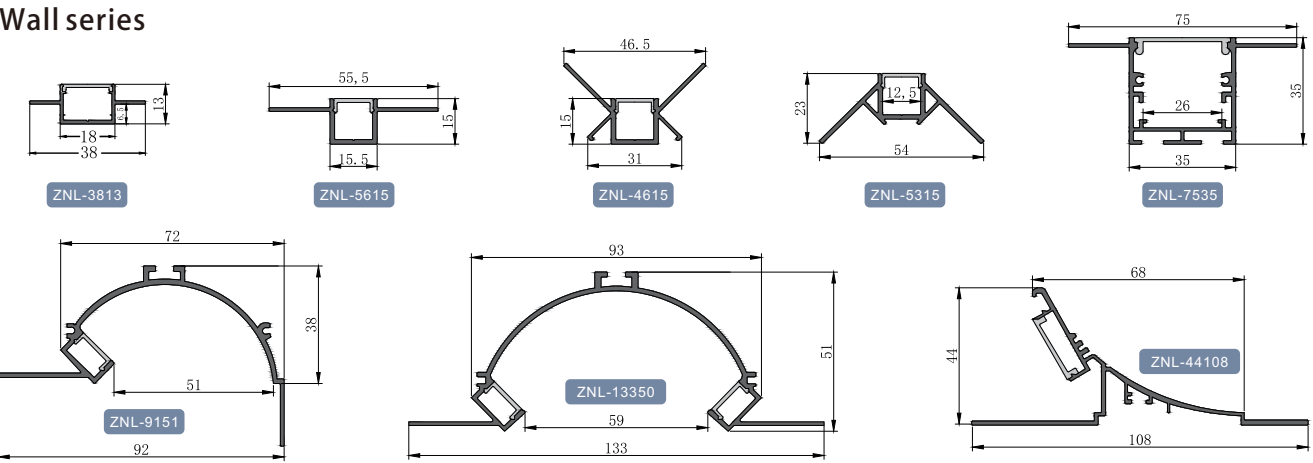
Floor Series



Skirting line series



Wall series



CAUTIONS !

1. Please do not power on the flexible strip and LED module when its emitting surfaced overlap.
2. Ensure no conducting objects are in contact with the emitting surface before powering on the flexible strip.
3. Please do not continuously power on the flexible strip and LED module over 12 hours/day for better product life span.

WARNING !

1. Installation of flexible strips and LED modules should be made with regard to all applicable electrical and safety standards. Only qualified personnel should be allowed to perform installations.
2. Please note the careful operation, in the power supply connection's situation, will touch the alternating current supply end possibly to cause your safety.
3. In the actual application, the power supply should retain 20% remainders, guaranteed that the sufficiency of voltage to lighten LED.
4. Please install product in the appropriate environment.
5. Pay attention to the positive and negative of power cable in the installation process extremely, in order to avoid creating damage to the product. Wrong polarity will lead to no light emission.
6. Please do not power on the flexible strip and LED module in rolled-up or packed conditions.
7. Unplug the power supply before making any cleaning to reduce the risk of electric shock.
8. Avoid applying mechanical stress on the flexible strip body and module body or their components.
9. Pay attention to the correct electrical polarity and maximum operating voltage. Wrong polarity or over voltage can destroy the flexible strips and LED modules.
10. Ensure that the flexible strips and LED module are installed at places that cannot be reachable by children.

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