

Multicolor

Factory: Huizhou TQ-Lighting Technology Co., Ltd

Office: Shenzhen Lightray Technologies Co.,Ltd

Catalog

Huizhou TQ-Lighting Technology Co., Ltd
Shenzhen Lightray Technologies Co.,Ltd

Website: www.tq-striplight.com
Email : sales@lightray-led.com
Tel: 00 755 23202046 Phone : 00 86 13352954080
Skype: stormxyz918
What's app: 00 86 18688997092

Office address : 8th Building, Zhonggangxing Technology Park, Shiyan Neighborhood, Bao'an District,
Shenzhen City,Guangdong Province
Factory name: Huizhou TQ-lighting technology Co.,Ltd
Facotry address:12th Building, Daxin Technology Park, Chenjiang Neighborhood,HZZK Hi-tech Industrial
Development Zone , Huizhou City,Guangdong Province



WEBSITE

www.tq-striplight.com



About us

Shenzhen Lightray Technologies Co.,Ltd started from 2018 with the only mission to provide customers with good quality led linear light.

Meanwhile the manufacturing base of Huizhou TQ-lighting Technology Co.ltd was founded at Huizhou City owning the complete ERP internal management system as well as the quality system,with the certificates of UL,CE FCC ROHS SAA AND PSE etc.

Light is a fascinating subject. As product developers, technicians, designers and manufacturers over 10 years, we are all enthusiastic lighting enthusiasts. Lightray are united by a passion for good light. Good light, as we understand it, is function plus emotion. With Lightray, it is plannable, feasible and affordable.

After many years of material innovation and process optimization, we make it easy for you and help you achieve impressive results that inspire your customers.

Certification

TONGQI has won the title of National High-tech Enterprise in 2016, and was qualified for ISO9001 Quality System and ISO14001 Environmental System Certifications. All products have passed tests of third-party authoritative laboratory institutions and have obtained multiple quality certifications inclusive of CQC, CE, REACH, ROHS, UL, ETL, SAA, TUV, LM-80 etc. required by various countries and regions.



CQC Product Certification



CE-EMC(OCR)

CE-EMC

CE-LVD

FCC

PSE Cer

Multicolor

Production Facility



Install the Packaging Area



Light Strip Welding Area



Accessories Storage Area



Production Instructions



Reflow Soldering



Integrating Sphere



Mounter



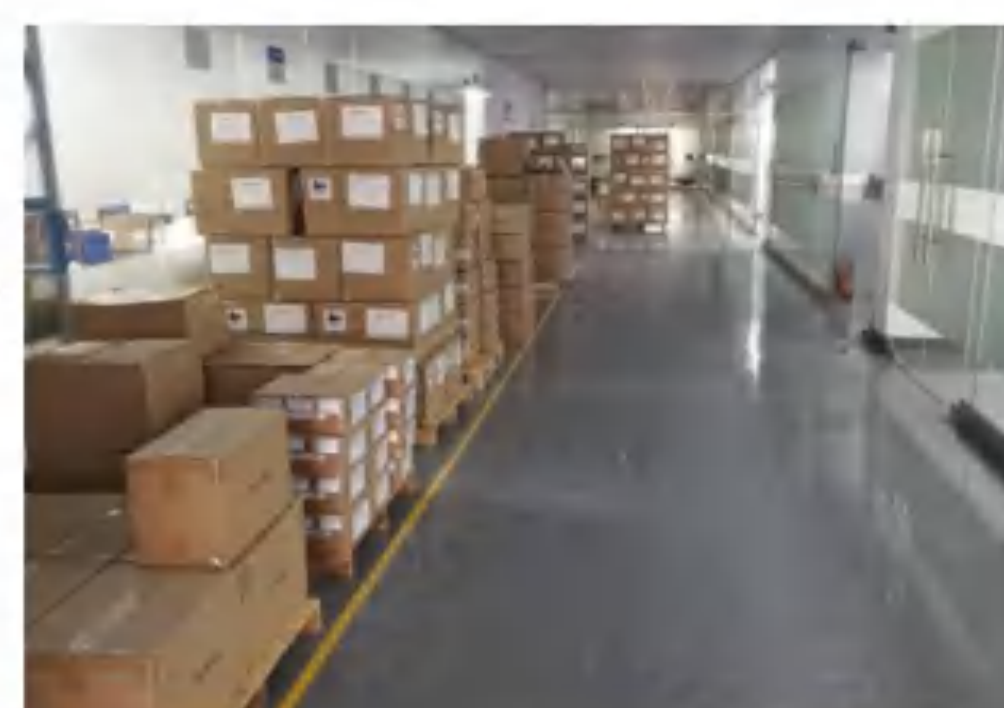
Solder Paste Printer



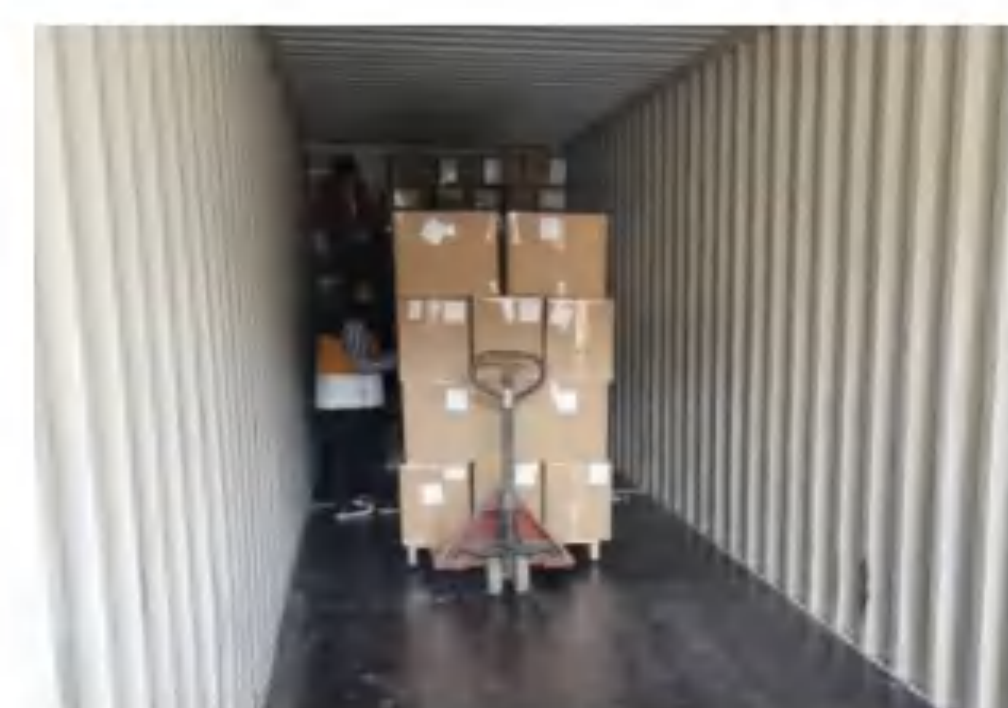
Welding Machine



Automatic Back Glue Machine



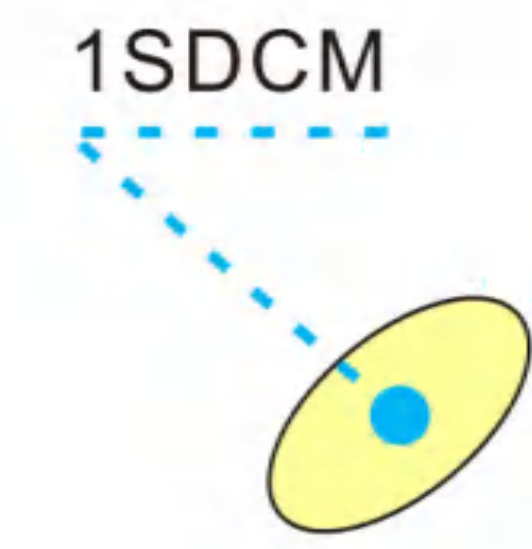
Cargo Storage Area



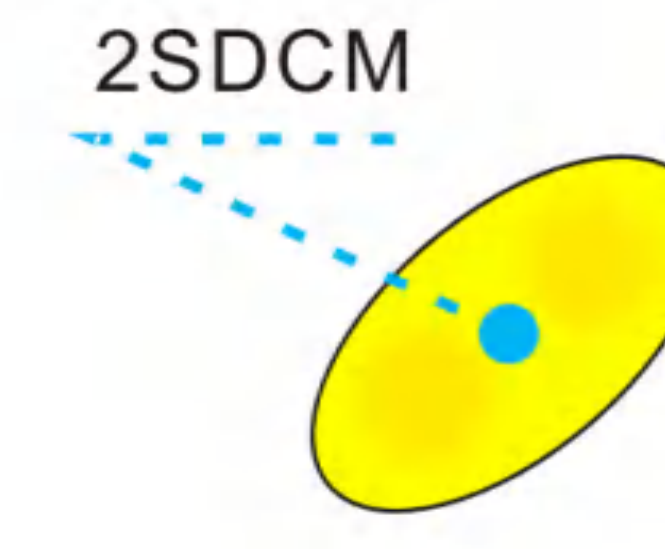
Load Cargo

Multicolor

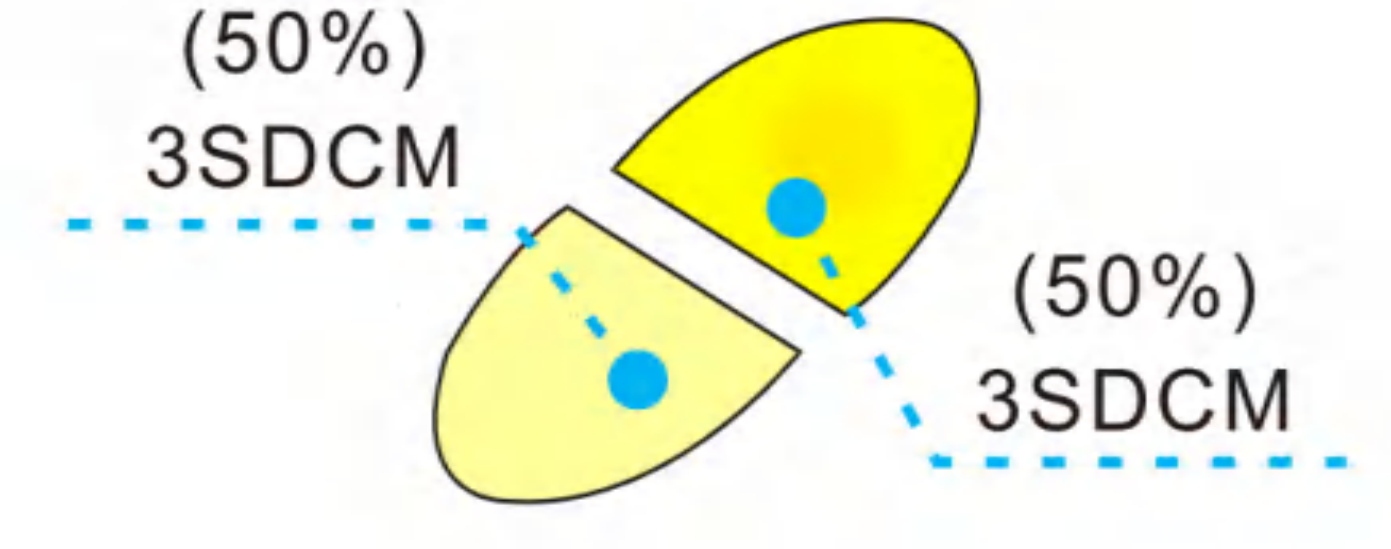
Advanced Bin-technology



OPTION 1



OPTION 2



OPTION 3



2-step Mcadam



3-step Mcadam



5-step Mcadam



7-step Mcadam

FS CRI > 98, as natural as sunshine

The color rendition is as natural as sunshine with the CRI295 or full spectrum LEDs



CRI > 80



CRI > 95

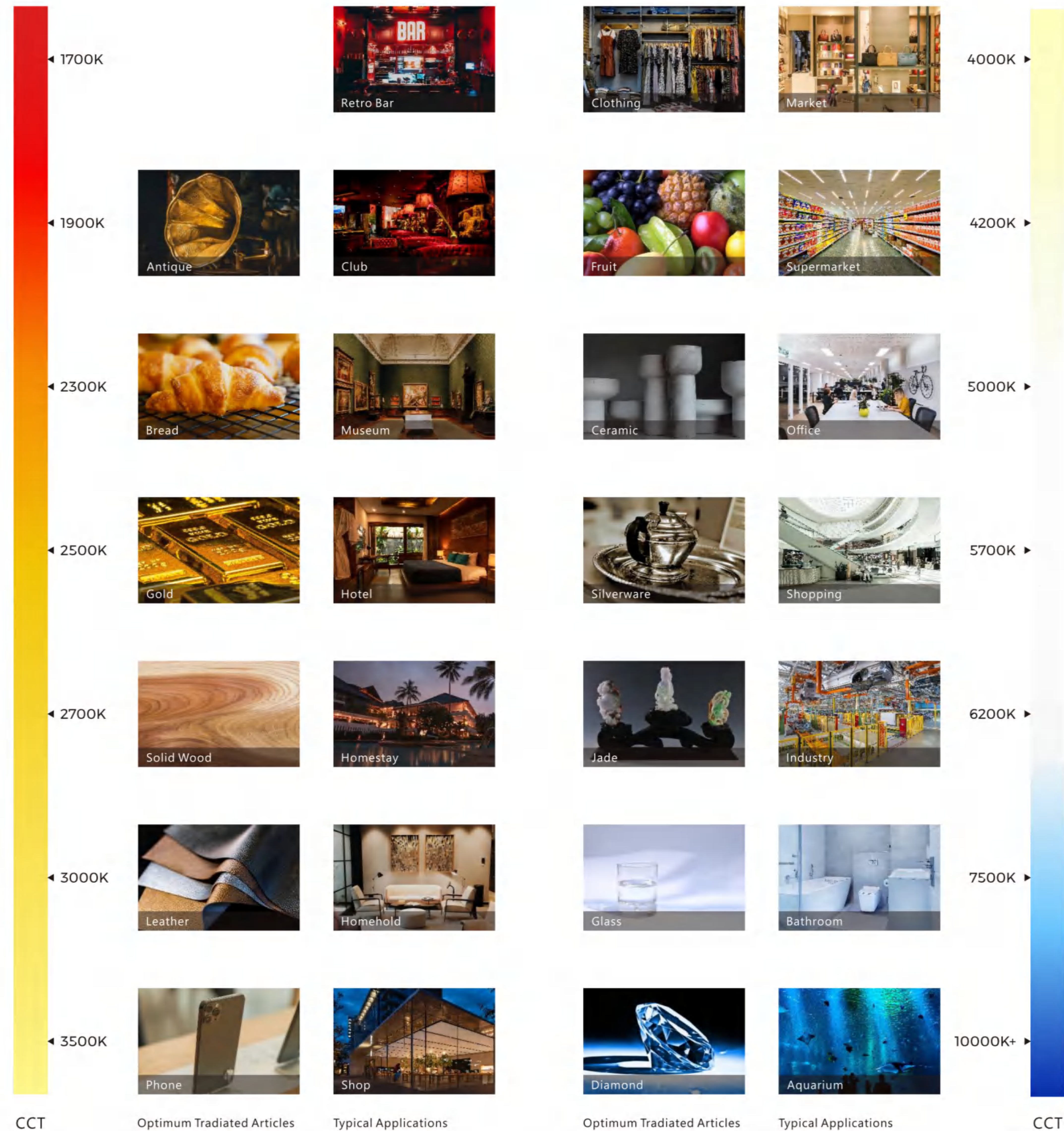


FS

Multicolor

COLOR APPLICATION GUIDELINES

Different color temperatures are used in different environments, and the appropriate color temperature can be selected according to needs.



Multicolor

PRODUCT FEATURE ICONS

Product Features

- Dimmable LED Technology
Wiring with electronic dimmable driver.
- Luminaire Ingress Protection Rating
IP68
- IK08 Protection
IK08
- UV Protection
Protected against UV.
- Flame Resistant
Fire resistant material.
- Saltwater Resistant
Protected against saltwater.
- Solvent Resistant
Solvent resistant material.
- Warranty
5 year warranty.

Colour Temperature

- 2500K Red
- 2700K Green
- 3000K Blue
- 3500K RGB
- 4000K RGBW
- 4500K Dual Colour
- 5000K
- 5700K
- 6500K

- 1800K | 2100K | 2400K | 2700K | 3000K | 3500K
- 4000K | 5000K | 5500K | 6500K

Mono Color:
1800K | 2100K | 2400K | 2700K | 3000K | 3500K
4000K | 5000K | 5500K | 6500K | R/G/B/Y/A...



Dynamic White:
2700K-6500K adjustable
(Other Upper/Lower Limit available)



Dim To Warm:
3000K~1800K
(Other Upper/ lower Limit available)



RGB Color:
RGB3in1
(2700K+Red/Amber+6500K)3in1



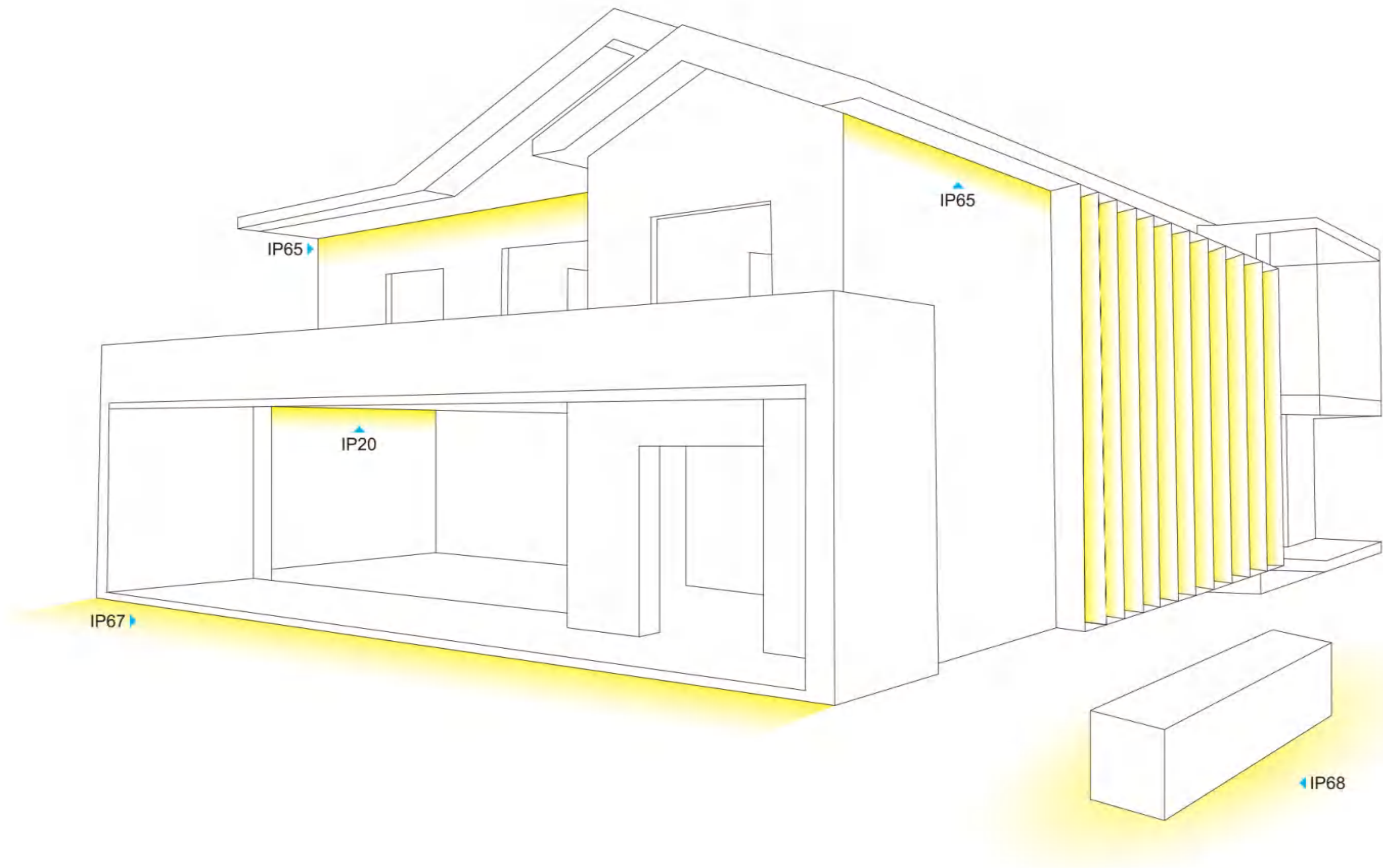
RGBW4in1:
W=2400K, 2700K, 3000K, 4000K, 6500K, Yellow, Amber



DMX512 Pixel:
Single White: 48Pix/m(1LED/Pix), 30Pix/m(2LED/Pix)
RGB: 10Pix/m(1LED/Pix)
RGBW: 10Pix/m(1LED/Pix)

Multicolor

IP GRADE



IP20



Non-Waterproof(N)

IP64



Spray Glue Coated (WP)



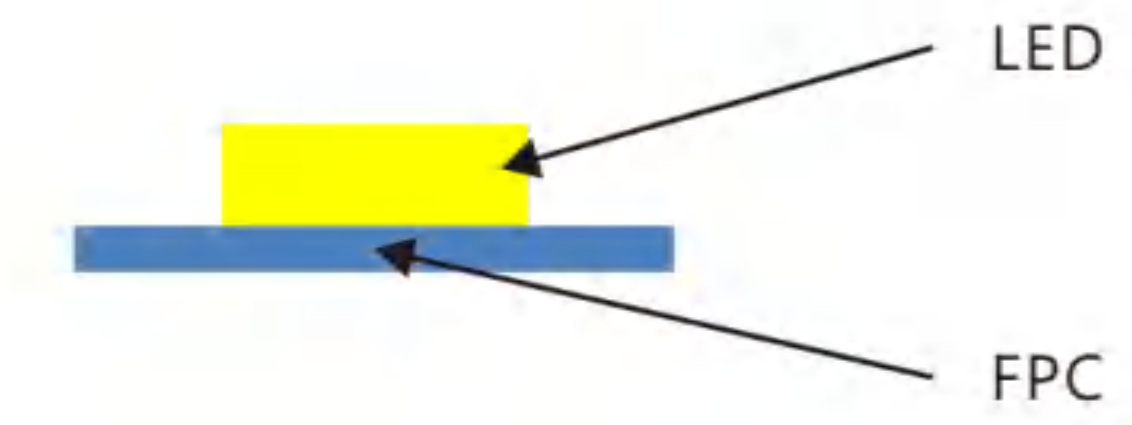
Thick Glue Coated (WS)



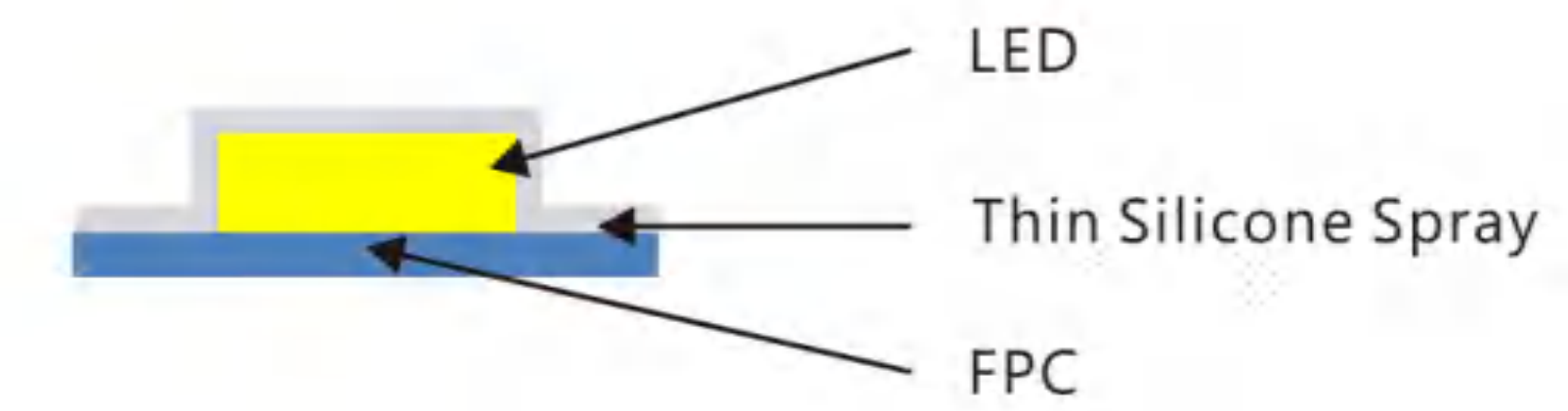
Tube Water proof(WT)

IP Grade Options

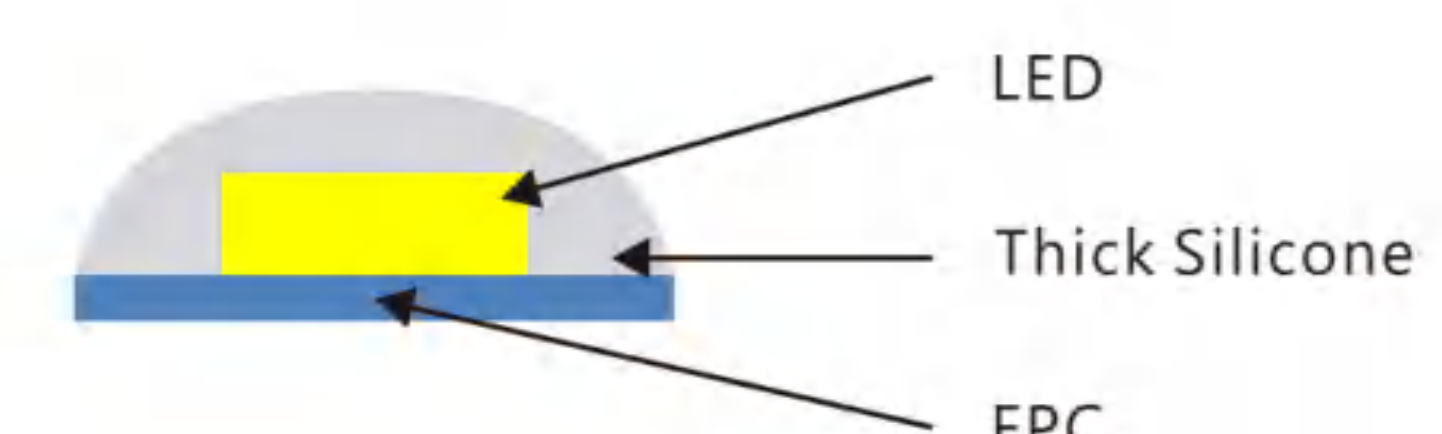
IP20



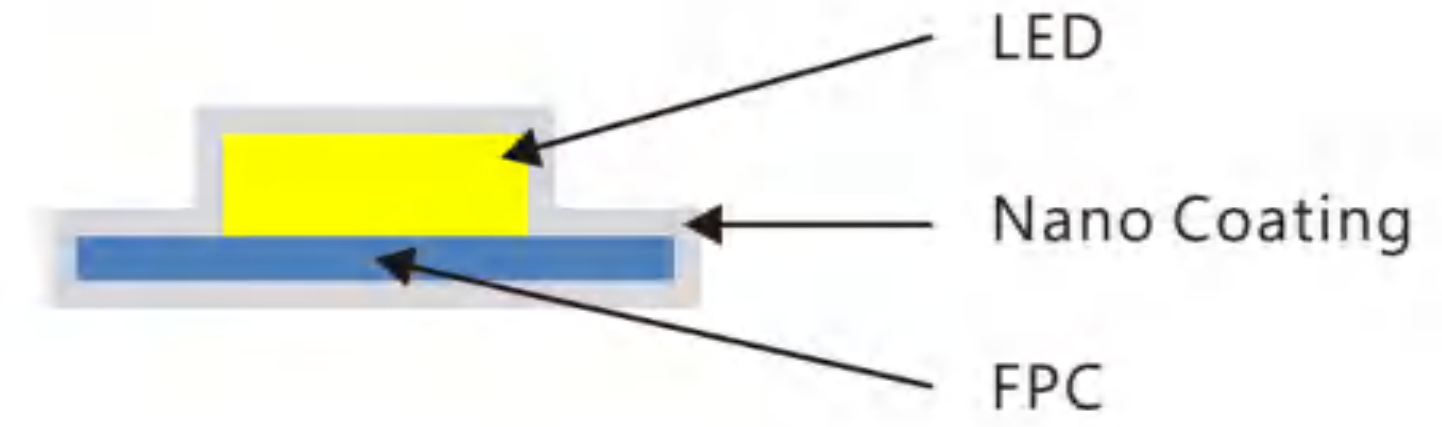
IP54



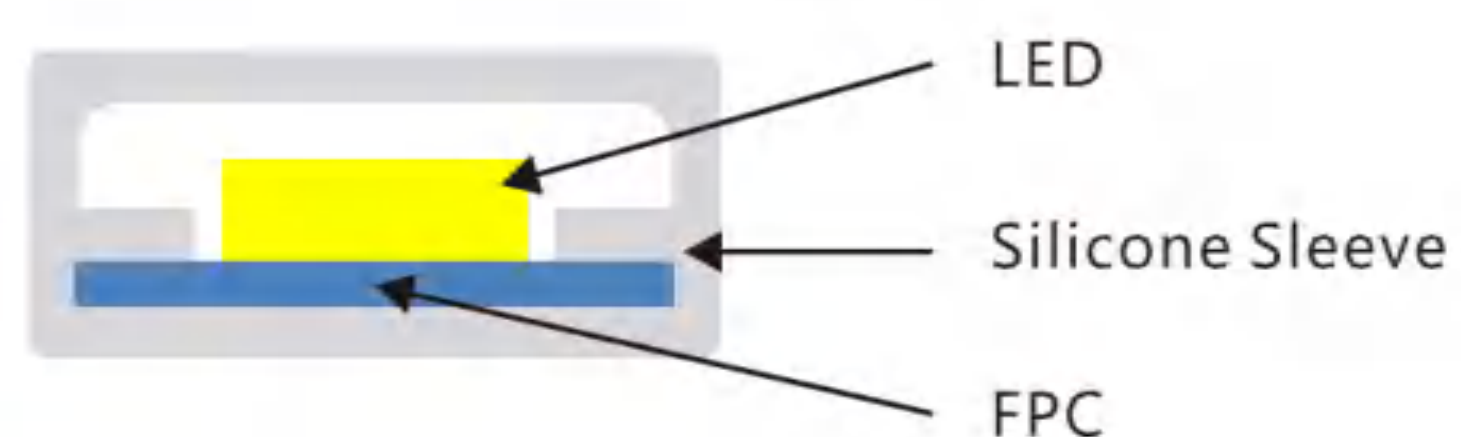
IP65



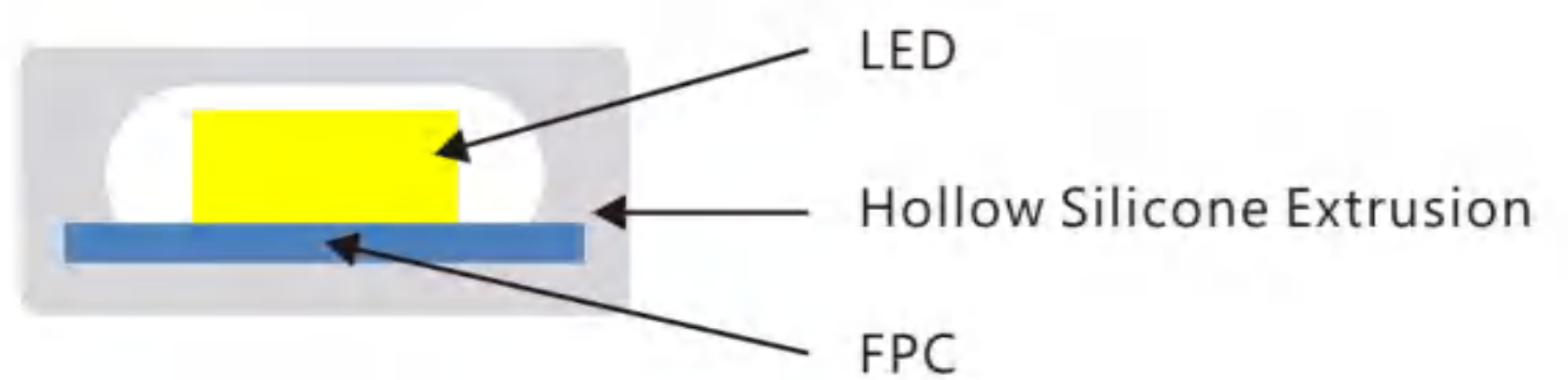
IP66



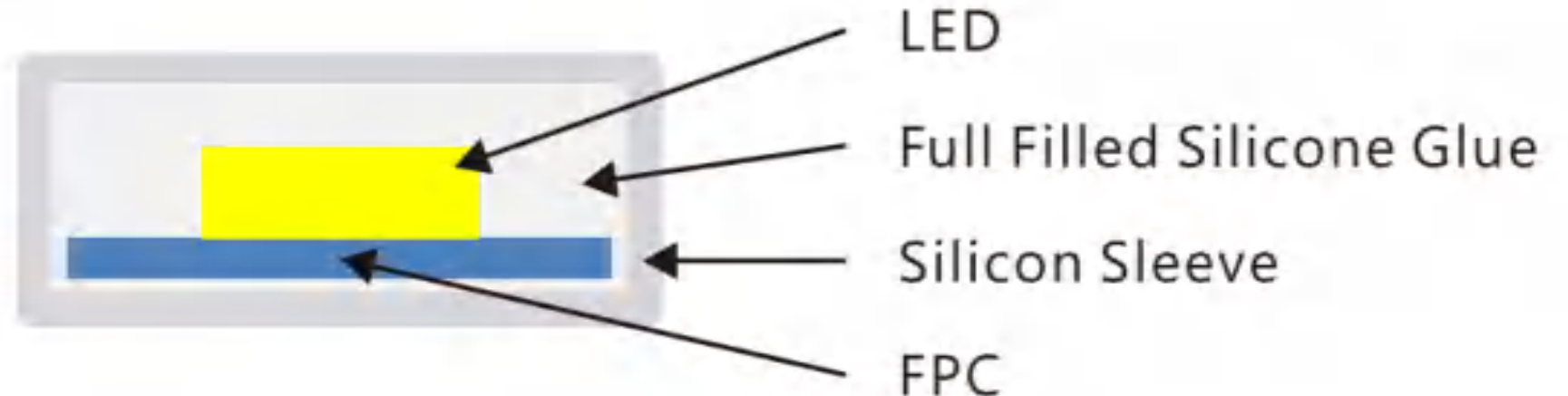
IP67



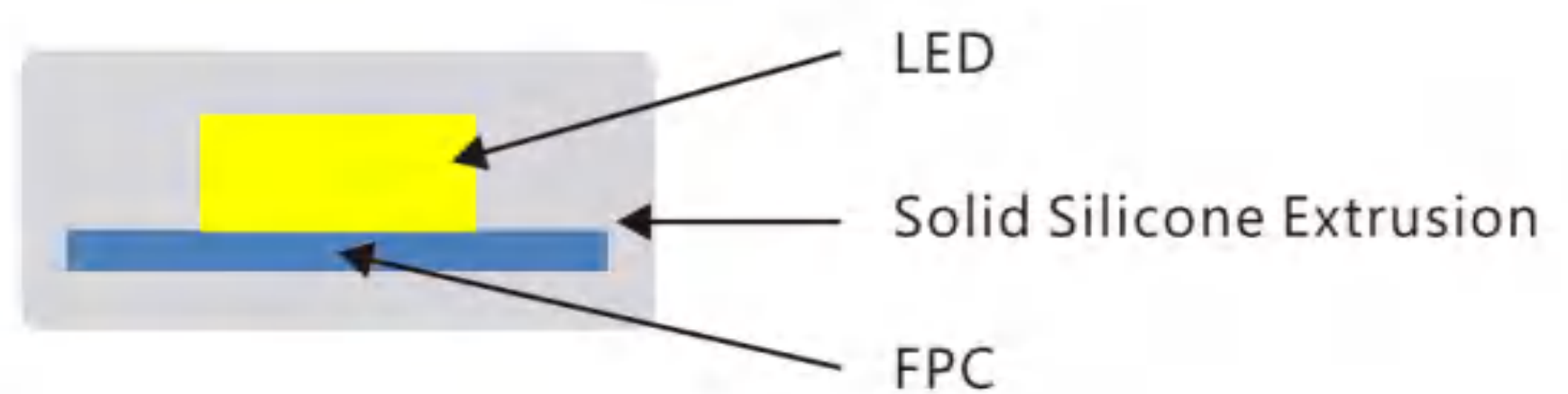
IP67E



IP68



IP68E



Multicolor

- Micro Spray of Silicone
- Low Color-Shift
- Anti UV

- Thick Surface Silicone Glue
- Has Color-Shift
- Anti UV

- Same Appearance as IP20
- No Color-Shift
- For Moisture Area Application
- Can't be Covered by Water
- Anti UV

- No Color-Shift
- Rain Resistant
- 5m/Roll
- Anti UV

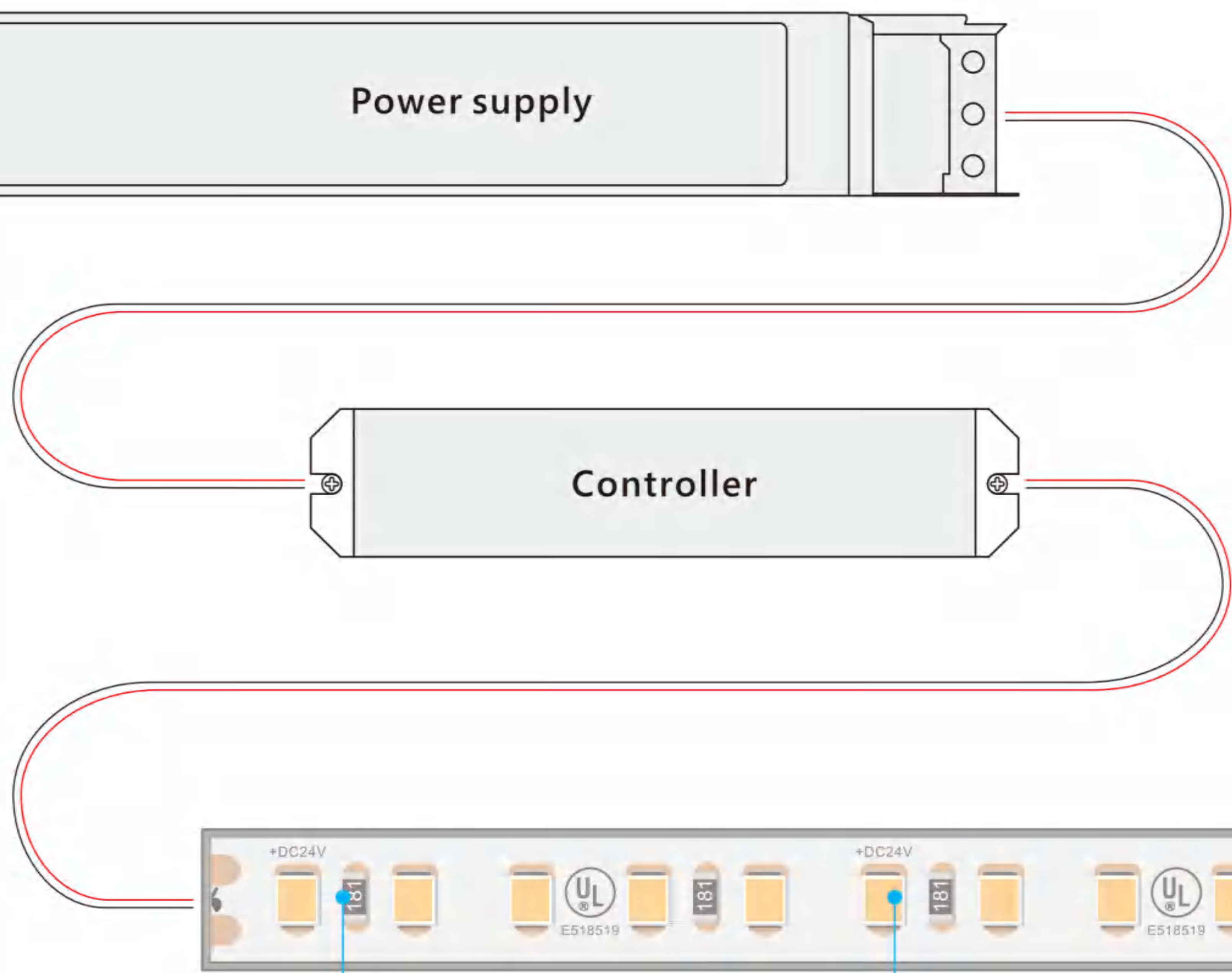
- No Color-Shift
- No Length Limit
- Flexible @ -40°C
- Anti UV

- 5m/Roll
- Has Color Shift
- Anti UV

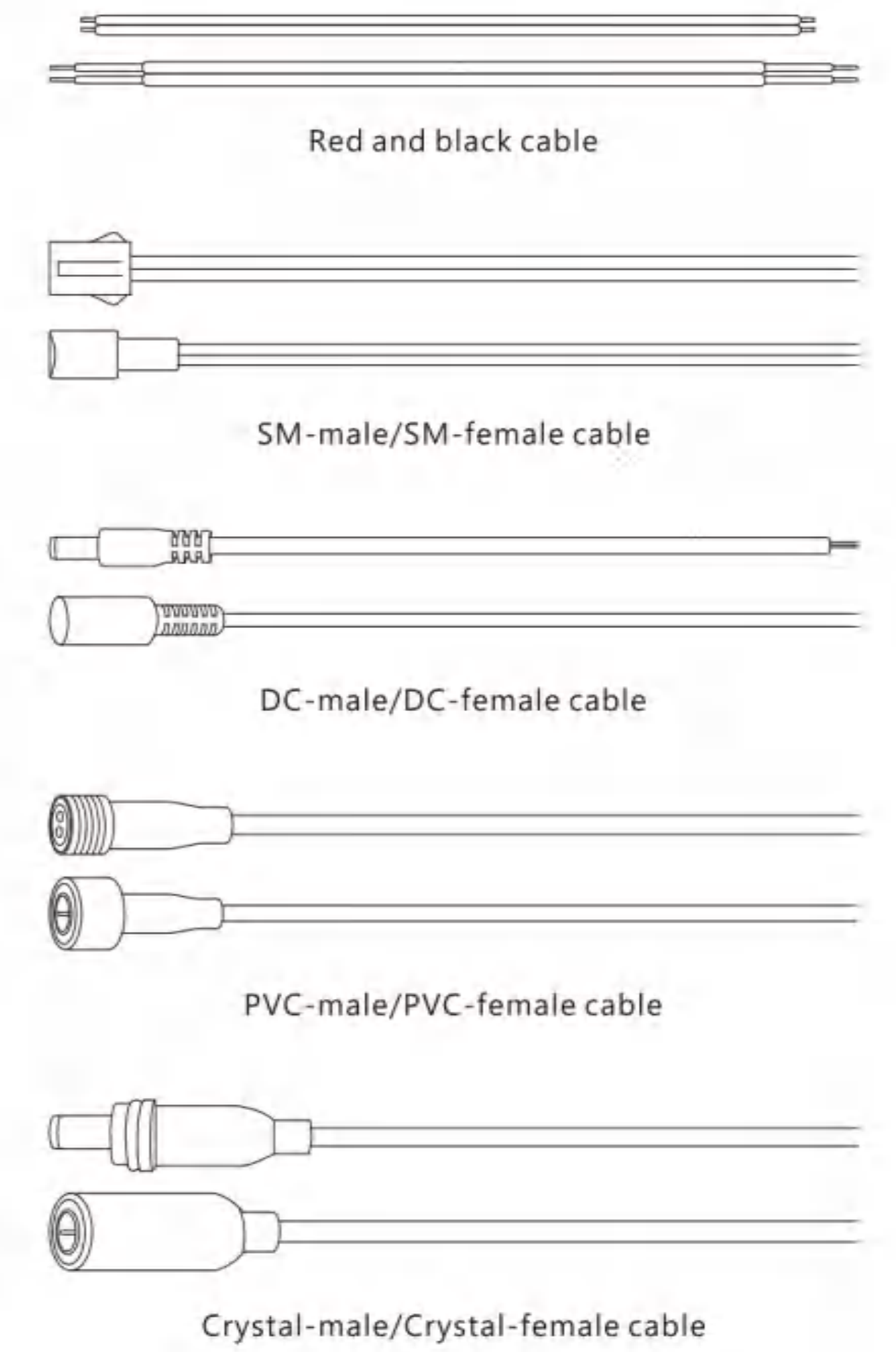
- No Length Limit
- Has Color Shift
- Flexible @ -40°C
- Anti UV

LED STRIP LIGHT SOLUTION

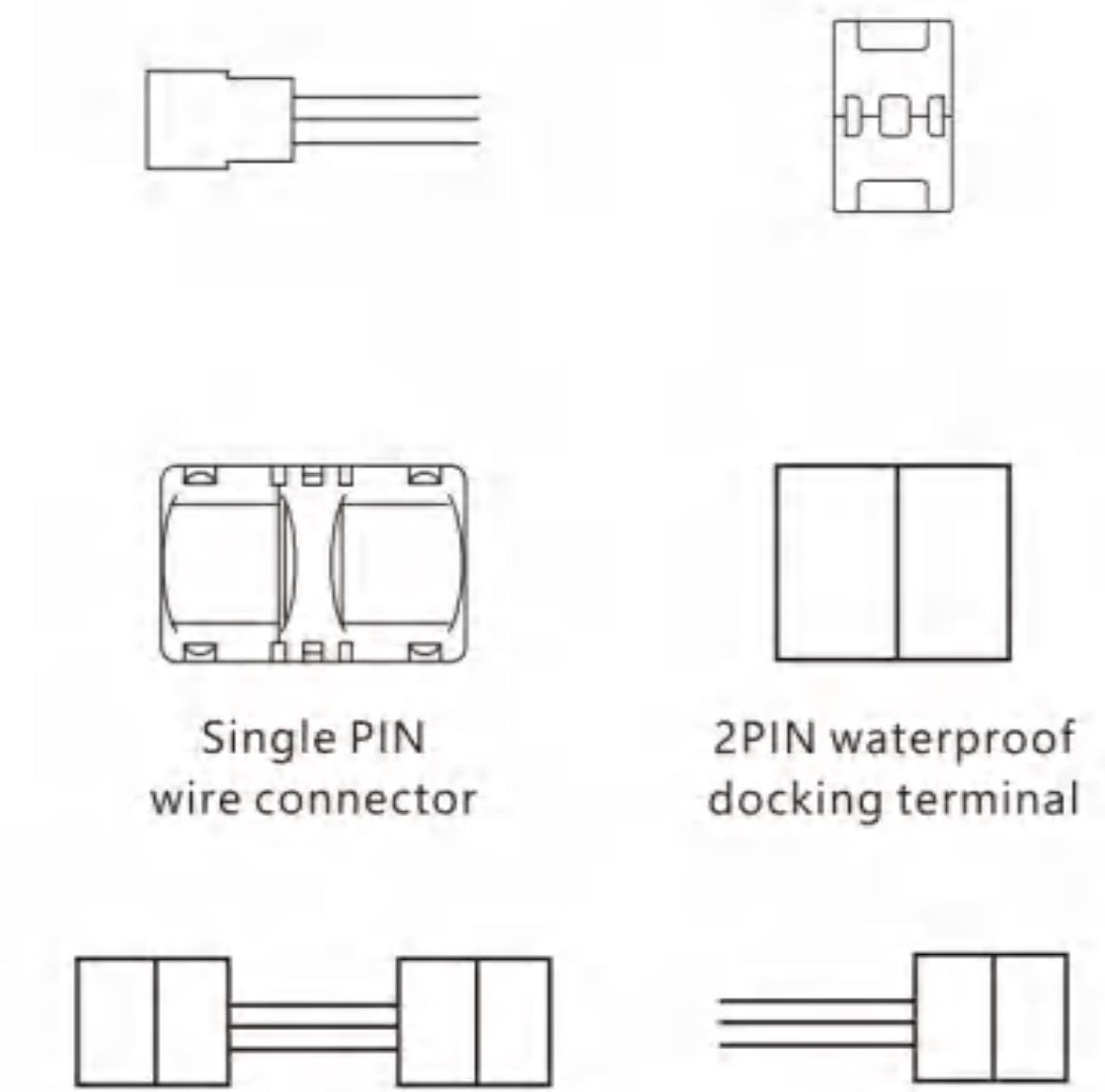
Multicolor



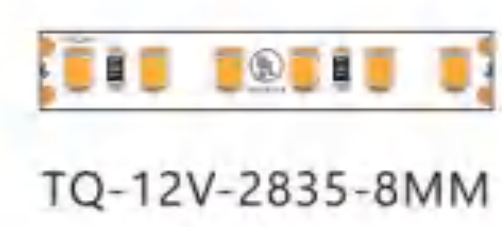
Cables



Connector

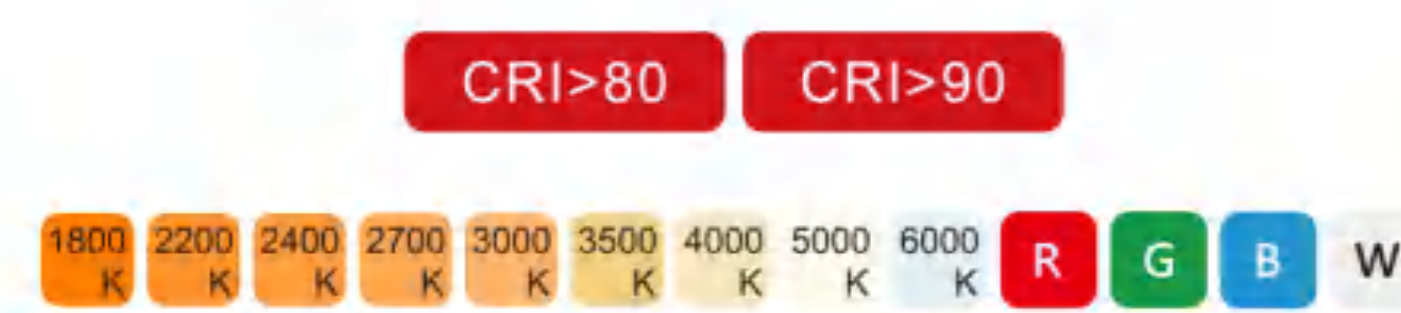


LED strip



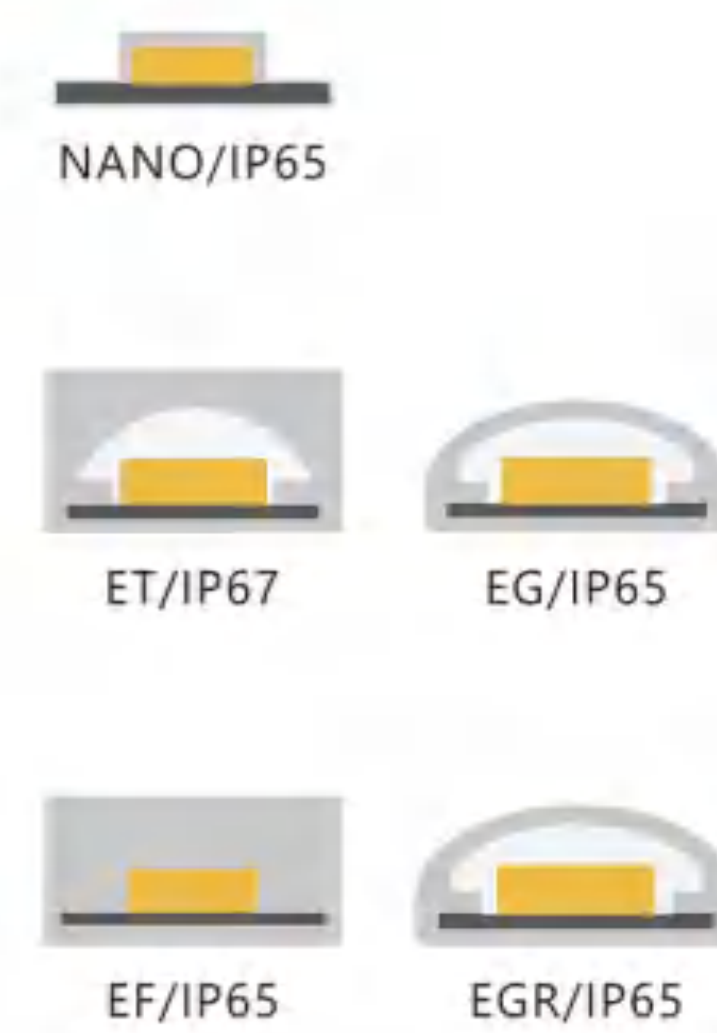
Multiple series and multiple models are available, special models, customized on demand

LED

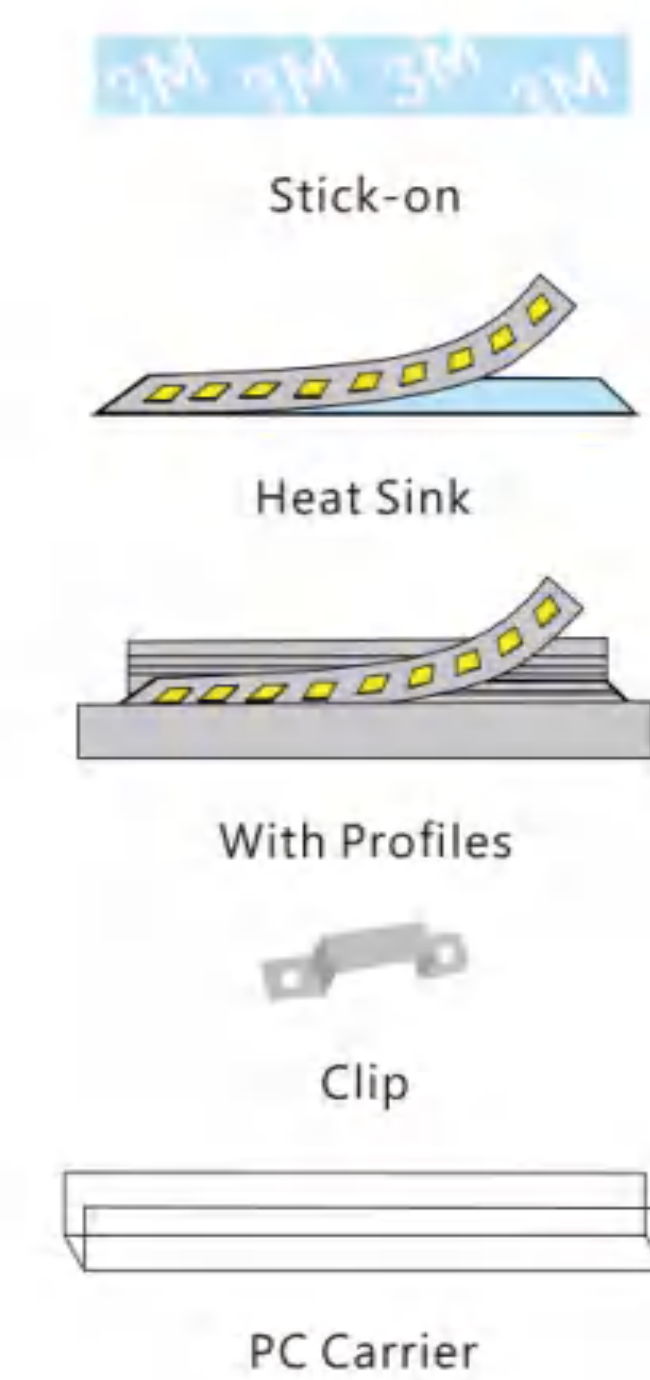


A variety of options, Free choice
Customize color temperature, Formulate BIN area

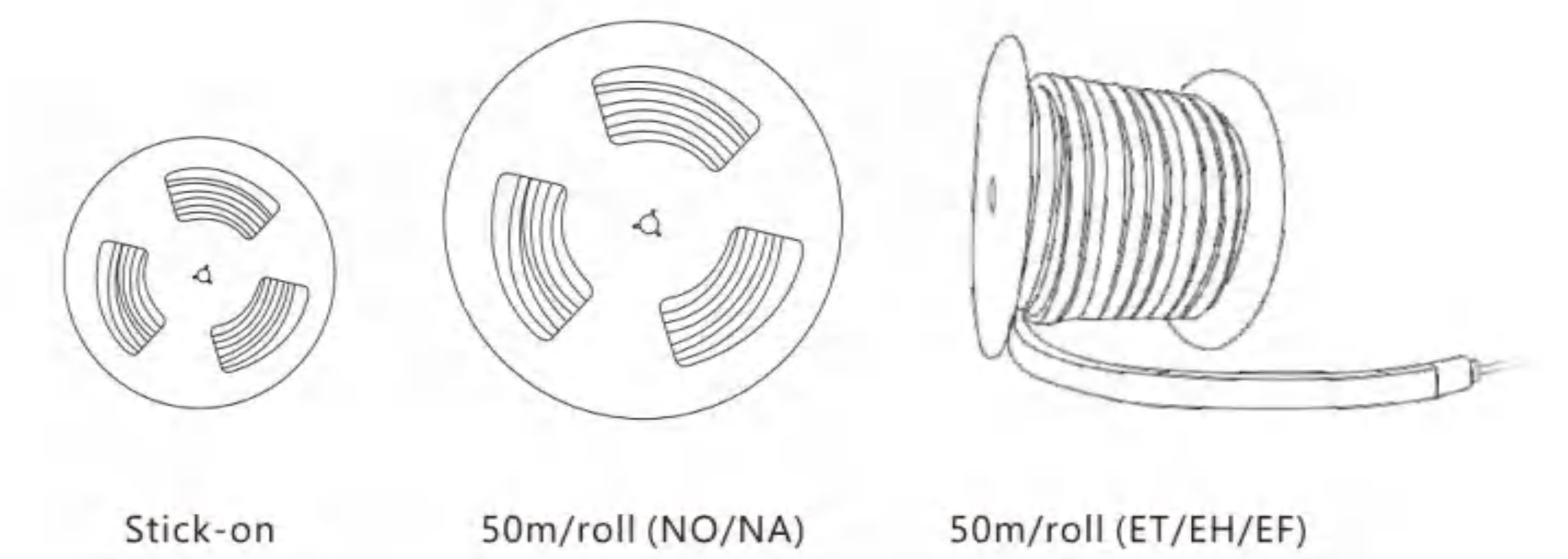
IP process



Installation




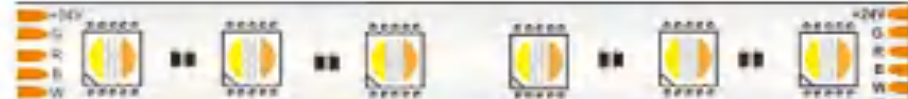













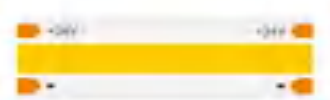


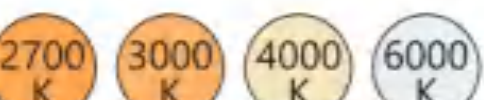




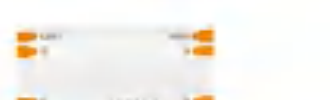



Package



PRODUCT LIST - LED STRIP LIGHT

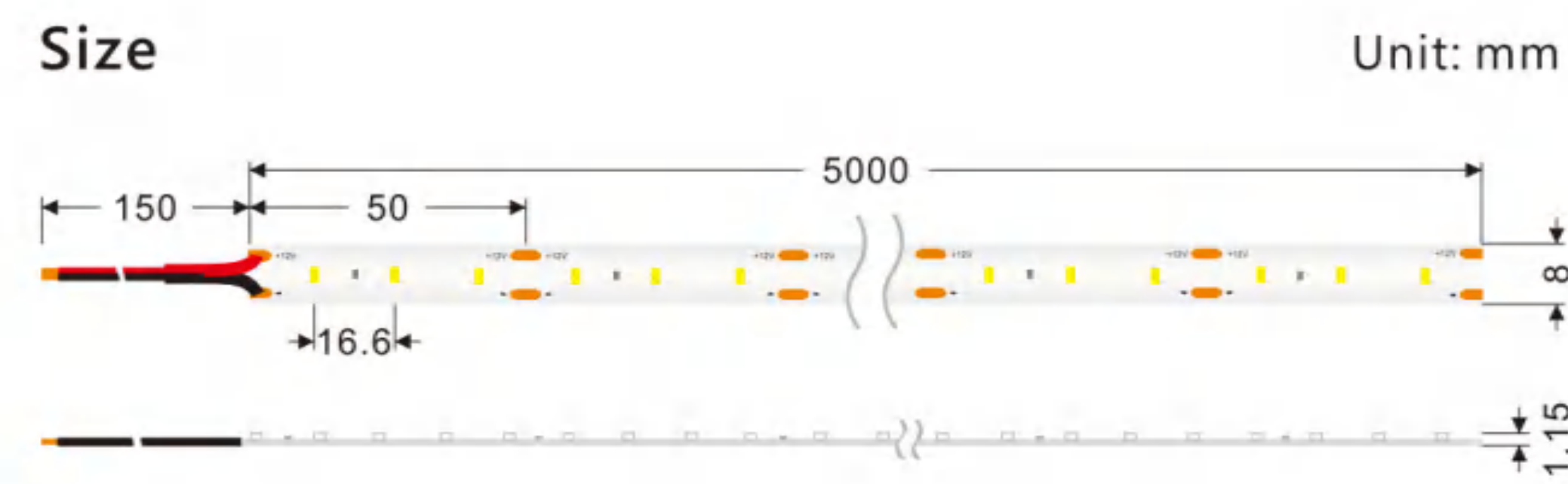
Multicolor

Model	DC(V)	FPC Width(mm)	LEDs/M	LEDs/cut	CRI	CCT/Color	Max.W/M	L/M	Length	Diagram
SMD 2835 Series										
TQ-12V-2835-60D-8MM	12	8	60	3/50MM	>80/90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	6	630	5	
TQ-12V-2835-120D-8MM	12	8	120	3/25MM	>80/90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	12	1265	5	
TQ-12V-2835-120D-8MM-CCT	12	8	120	3/50MM	>90	2200K ← 6000K	12	1265	5	
TQ-12V-2835-120D-4MM	12	4	120	3/25MM	>90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	9.6	960	5	
TQ-12V-2835-210D-10MM	12	10	210	3/14.28MM	>90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	20	2090	5	
TQ-24V-2835-60D-10MM	24	10	60	6/100MM	>80/90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	7.2	630	10	
TQ-48V-2835-120D-10MM	48	10	120	5/41.6MM	>80/90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	15	1650	10	
TQ-48V-2835-120D-10MM-CCT	48	10	120	10/83.2MM	>90	2200K ← 6000K	15	1650	10	
TQ-24V-2835-120D-6MM	24	6	120	6/50MM	>90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	10	1030	10	
TQ-24V-2835-120D-10MM	24	10	120	6/50MM	>90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	15	1575	10	
TQ-24V-2835-168D-8MM	24	8	168	7/41.6MM	>90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	15	1680	10	
TQ-24V-2835-192D-10MM-CCT	24	10	192	12/62.5MM	>90	2200K ← 6000K	17	1780	10	
TQ-24V-2835-256D-10MM	24	10	256	8/31.25MM	>90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	17	2970	10	
SMD 2216/2010 Series										
TQ-24V-2216-140D-4MM	24	4	140	7/50MM	>90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	10	960	5	
TQ-24V-2216-240D-6MM-CCT	24	6	240	12/50MM	>90	2200K ← 6000K	12	1172	10	
TQ-24V-2216-240D-10MM	24	10	240	6/25MM	>90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	15	1460	5*10	
TQ-24V-2010-700D-10MM	24	10	700	7/10MM	>90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	22	2040	5*10	
SMD 3535RGB Series										
TQ-24V-3535-120D-6MM	24	6	120	6/50MM	/		8	/	5	
TQ-12V-3535-240D-15MM	12	15	240	6/50MM	/		15	/	5	
TQ-24V-3535-96D-12MM-RGBW	24	12	96	12/62.5MM	>90	2200K ← 6000K	19	/	5	
SMD 5050 Series										
TQ-24V-5050-60D-10MM	24	10	60	6/100MM	>90	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K	14	/	5	
TQ-48V-5050-60D-12MM-RGB	48	12	60	10/16.6MM	/		10	/	10	
TQ-48V-5050-60D-12MM-RGBW	48	12	60	10/16.6MM	>90		15	/	10	
TQ-24V-5050-60D-12MM-RGBW	24	12	60	6/100MM	>90		18	/	5	

Model	DC(V)	FPC Width(mm)	LEDs/M	LEDs/cut	CRI	CCT/Color	Max.W/M	L/M	Length	Diagram
SMD 5050 Series										
TQ-24V-5050-60D-12MM-RGBCW	24	12	60	6/100MM	>90		18	/	5	
TQ-24V-5050-84D-10MM-RGB	24	10	84	6/71.4MM	/		16	/	5	
TQ-24V-5050-120D-10MM	24	10	120	6/50MM	>90		17	/	5	
TQ-24V-5050-120D-12MM-RGBW	24	12	120	6/50MM	/		20	/	5	
SMD 5050 SPI/DMX Series										
TQ-24V-5050-48D-12MM	24	12	48	6/12.5MM	/		10	/	10	
TQ-24V-5050-60D-12MM	24	12	60	6/100MM	/		14	/	10	
TQ-24V-5050-84D-12MM	24	12	84	6/71.4MM	/		18	/	10	
COB										
TQ-24V-COB-320D-8MM	24	8	320	50MM	>90		8	800	5	
TQ-24V-COB-480D-8MM	24	8	480	50MM	>90		10	1000	5	
TQ-24V-COB-528D-10MM	24	10	528	45.45MM	>90		15	1500	5	
TQ-24V-COB-640D-10MM-CCT	24	10	640	50MM	>90		15	1200-1725	5	
TQ-24V-COB-840D-10MM-RGB	24	10	840	25MM	/		15	750	5	
TQ-24V-COB-840D-12MM-RGBW	24	12	840	33.33MM	>90		18	540	5	
TQ-24V-COB-720D-12MM-SPI	24	12	720	33.33MM	/	/	18	/	5	

SMD 2835 Series Strip Light

TQ-12V-2835-60D-8MM



Basic Parameters

SMD Type	2835 SMD
LED Qty	60LEDs/M
Cutting Unit	3LEDs/50MM
PCB Width	8MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	12V
Input Current	0.55A/1M 2.75A/5M
Typ. Power	6W/M
Max. Power	6.6W/M

Optical Parameter

Color Temp.	● 1800K ● 2200K ● 2700K ● 3000K ● 3500K ● 4000K ○ 5000K ○ 6000K
CRI	>80/90
Lumen	630LM/M

Feature

- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>80/90(Optional 95)
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available

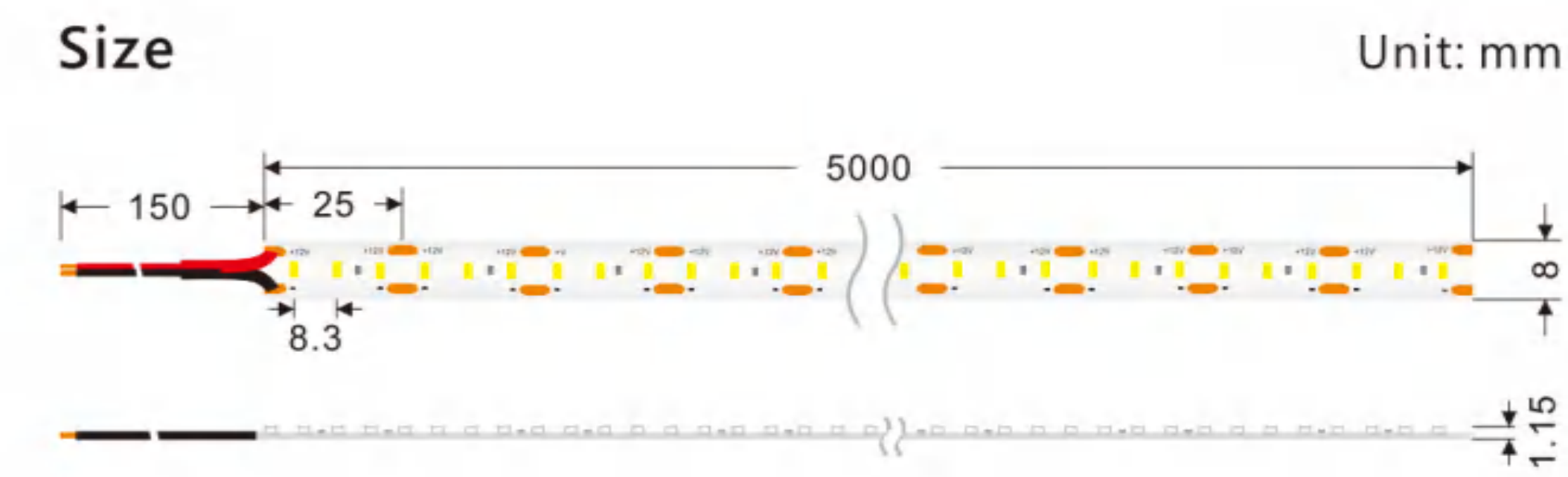
Multicolor



Application renderings



TQ-12V-2835-120D-8MM



Basic Parameters

SMD Type	2835 SMD
LED Qty	120LEDs/M
Cutting Unit	3LEDs/25MM
PCB Width	8MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	12V
Input Current	1.1A/1M 5.5A/5M
Typ. Power	12W/M
Max. Power	13.2W/M

Optical Parameter

Color Temp.	● 1800K ● 2200K ● 2700K ● 3000K ● 3500K ● 4000K ○ 5000K ○ 6000K
CRI	>80/90
Lumen	1265LM/M

Feature

- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>80/90(Optional 95)
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available

Multicolor

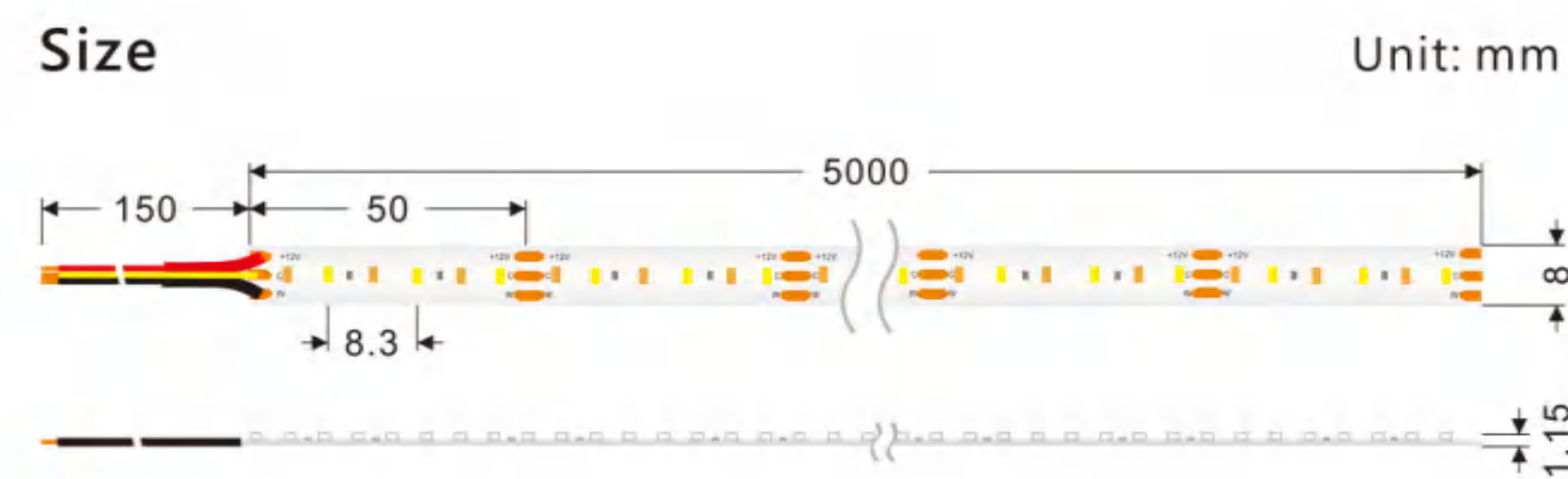


Application renderings

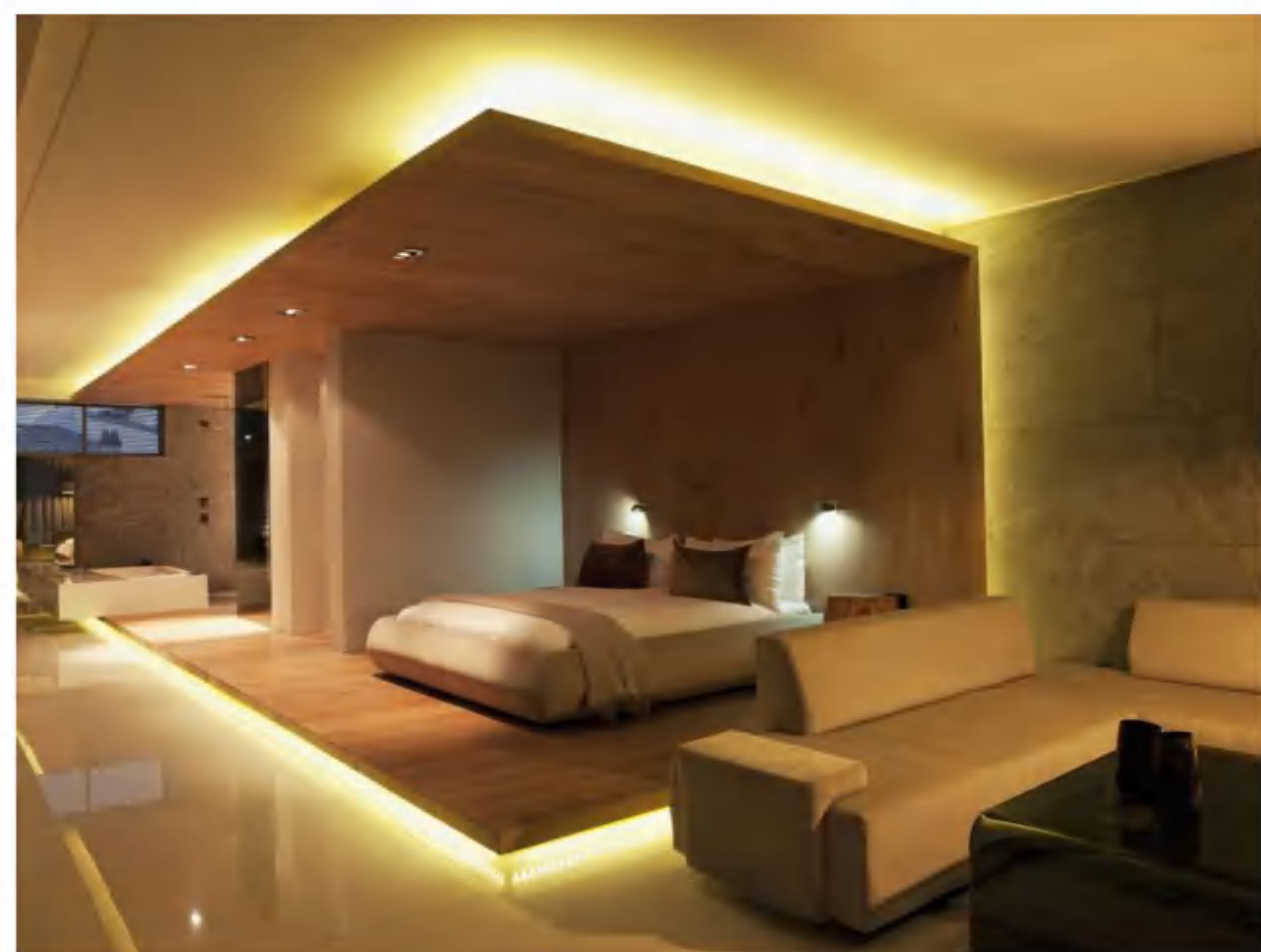


Multicolor

TQ-12V-2835-120D-8MM-CCT



Application renderings



Basic Parameters

SMD Type	2835 SMD
LED Qty	120LEDs/M
Cutting Unit	3LEDs/50MM
PCB Width	8MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	12V
Input Current	1.1A/1M 5.5A/5M
Typ. Power	12W/M
Max. Power	13.2W/M

Optical Parameter

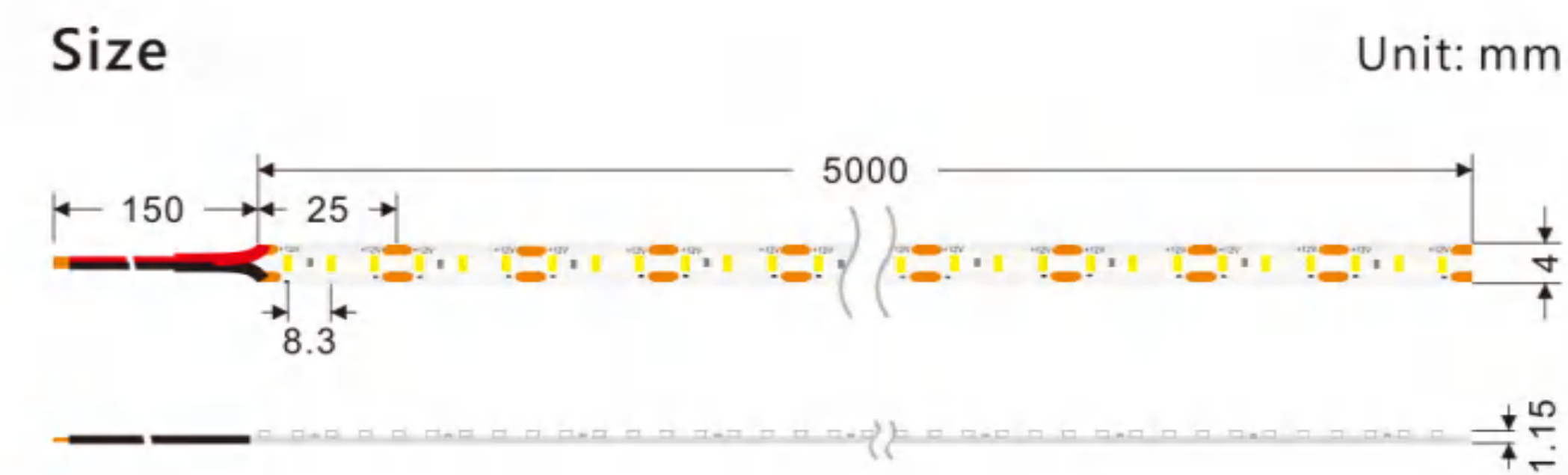
Color Temp.	● 2200K ● 3000K ● 4000K ● 5000K ● 6000K
CRI	>90
Lumen	1265LM/M

Feature

- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>90
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available

Multicolor

TQ-12V-2835-120D-4MM



Application renderings



Basic Parameters

SMD Type	2835 SMD
LED Qty	120LEDs/M
Cutting Unit	3LEDs/25MM
PCB Width	4MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	12V
Input Current	0.8A/1M 4A/5M
Typ. Power	8.7W/M
Max. Power	9.6W/M

Optical Parameter

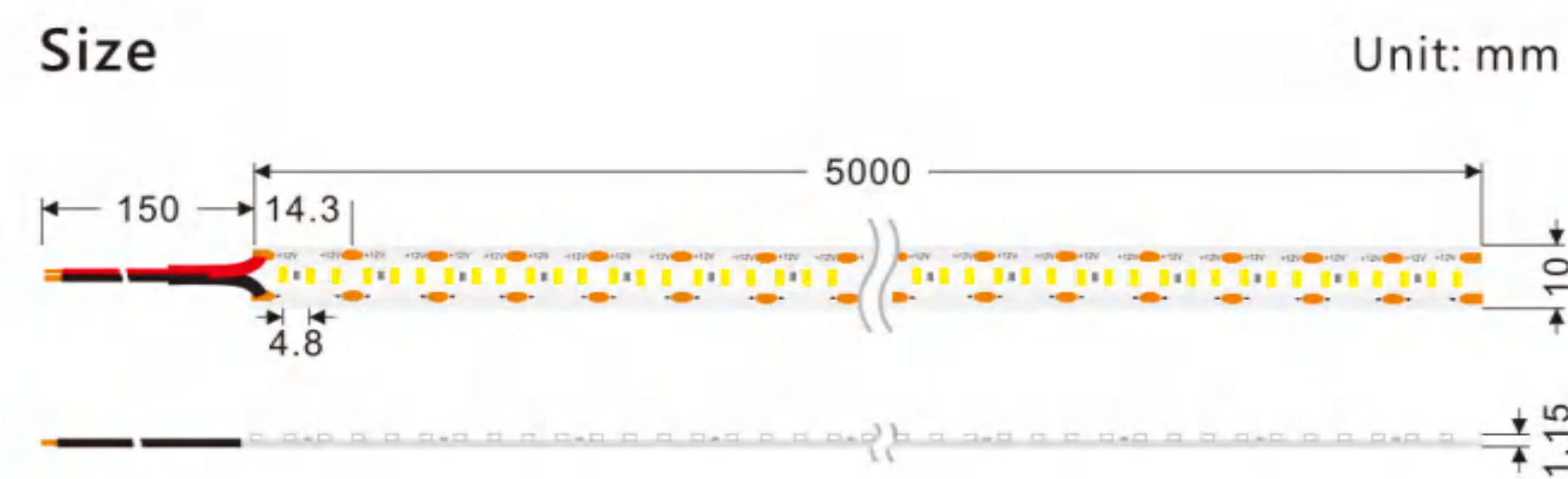
Color Temp.	● 1800K ● 2200K ● 2700K ● 3000K ● 3500K ● 4000K ● 5000K ● 6000K
CRI	>90
Lumen	960LM/M

Feature

- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>90
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available

Multicolor

TQ-12V-2835-210D-10MM



Basic Parameters	
SMD Type	2835 SMD
LED Qty	210LEDs/M
Cutting Unit	3LEDs/14.28MM
PCB Width	10MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	12V
Input Current	1.67A/1M 5A/3M
Typ. Power	18.2W/M
Max. Power	20W/M

Optical Parameter	
Color Temp.	● 1800K ● 2200K ● 2700K ● 3000K ● 3500K ● 4000K ○ 5000K ○ 6000K
CRI	>90
Lumen	2090LM/M

- Feature**
- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
 - High efficiency
 - Long lifetime of LED up to 54,000 hours
 - CRI>90
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

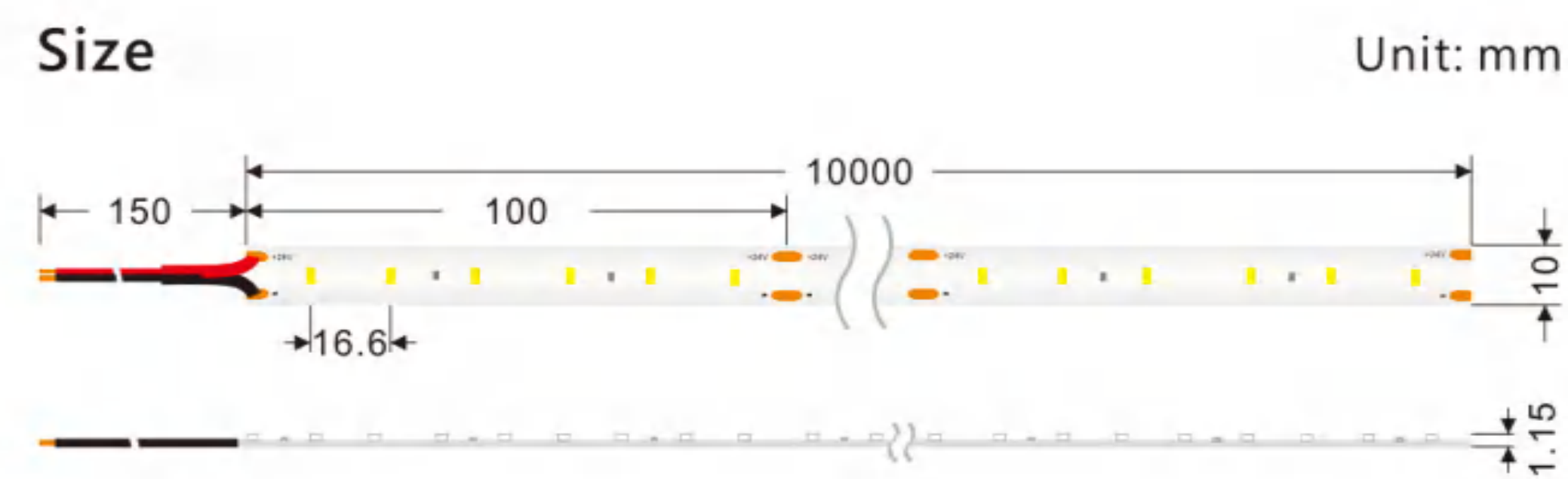


Application renderings



Multicolor

TQ-24V-2835-60D-10MM



Basic Parameters	
SMD Type	2835 SMD
LED Qty	60LEDs/M
Cutting Unit	6LEDs/100MM
PCB Width	10MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

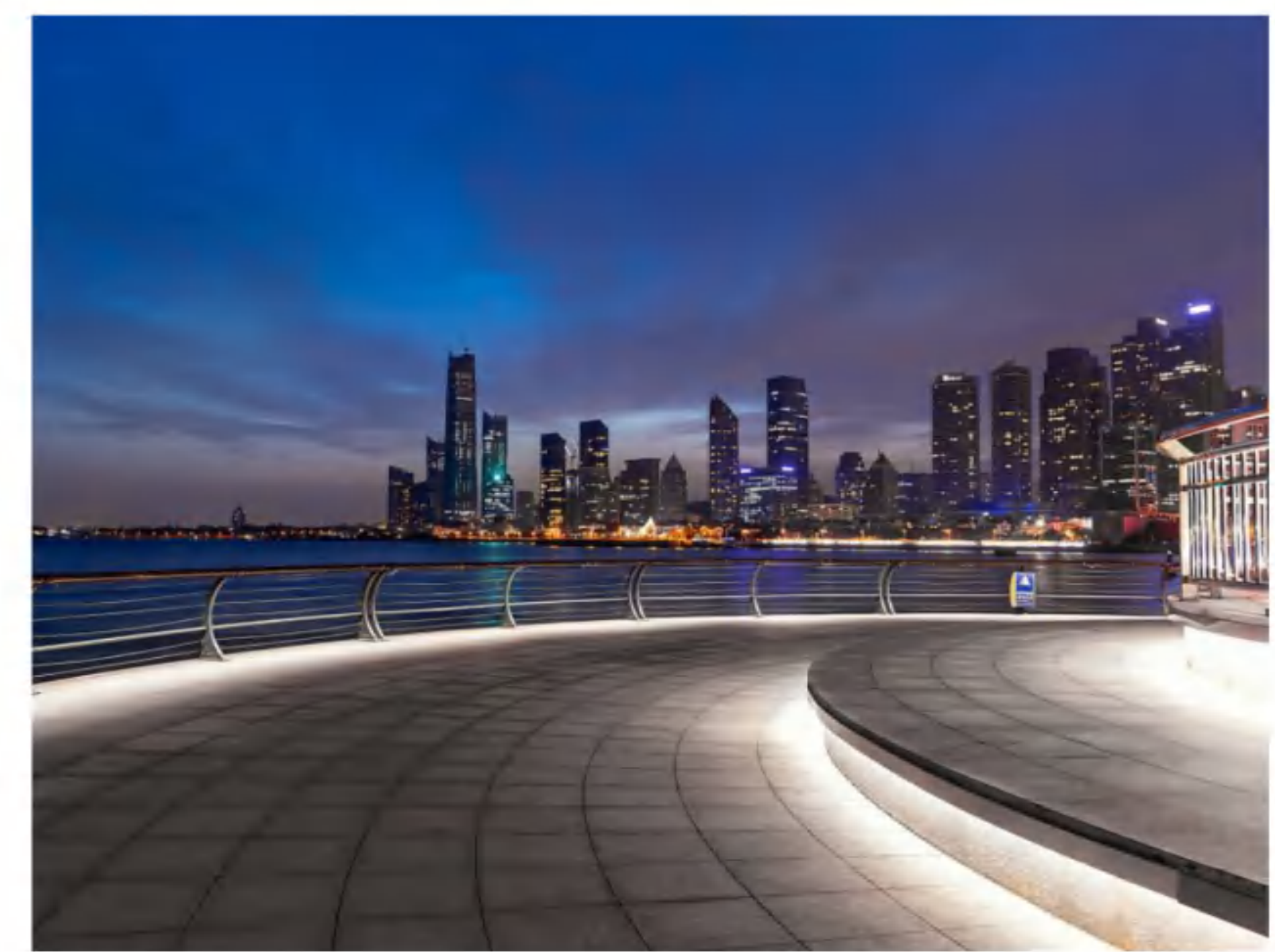
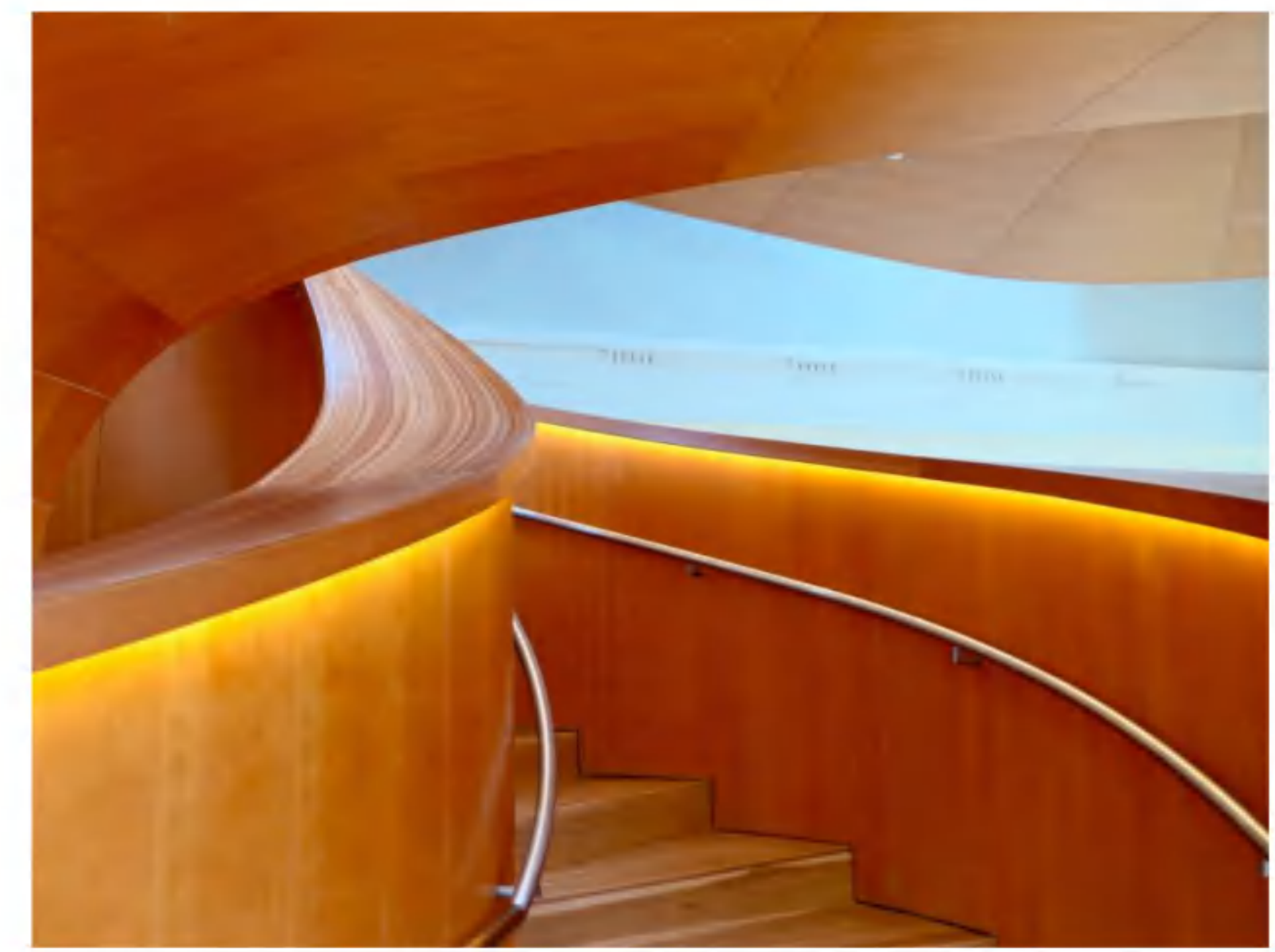
Electrical Parameter	
Input Voltage	24V
Input Current	0.3A/1M 1.5A/5M
Typ. Power	7.2W/M
Max. Power	8W/M

Optical Parameter	
Color Temp.	● 1800K ● 2200K ● 2700K ● 3000K ● 3500K ● 4000K ○ 5000K ○ 6000K
CRI	>80/90
Lumen	735LM/M

- Feature**
- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
 - High efficiency
 - Long lifetime of LED up to 54,000 hours
 - CRI>80/90
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

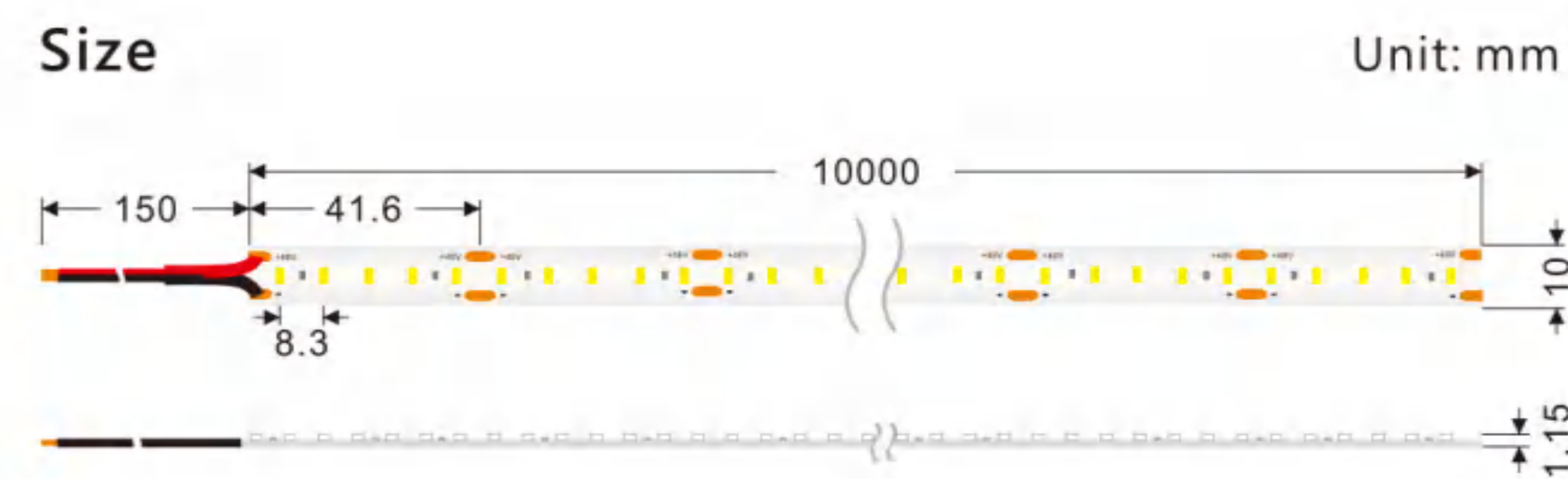


Application renderings



Multicolor

TQ-48V-2835-120D-10MM



Basic Parameters	
SMD Type	2835 SMD
LED Qty	120LEDs/M
Cutting Unit	5LEDs/41.6MM
PCB Width	10MM
Copper Foil	30Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

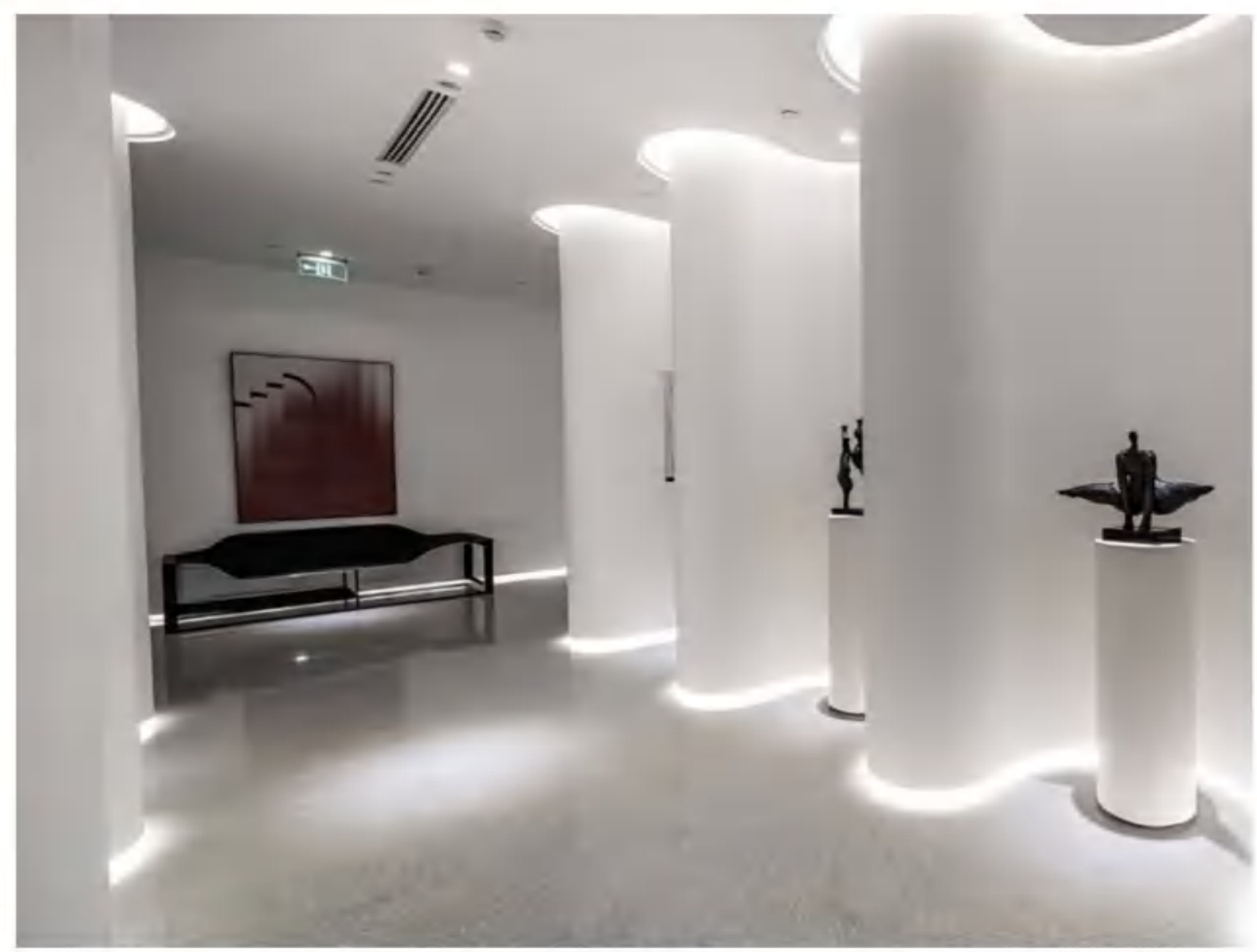
Electrical Parameter	
Input Voltage	48V
Input Current	0.31A/1M 3.1A/10M
Typ. Power	15W/M
Max. Power	16.5W/M

Optical Parameter	
Color Temp.	● 1800K ● 2200K ● 2700K ● 3000K ● 3500K ● 4000K ○ 5000K ○ 6000K
CRI	>80/90
Lumen	1650LM/M

- Feature**
- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
 - High efficiency
 - Long lifetime of LED up to 54,000 hours
 - CRI>80/90
 - Copper Foil: 30Z(Optional 20Z/40Z)
 - Customized design is available

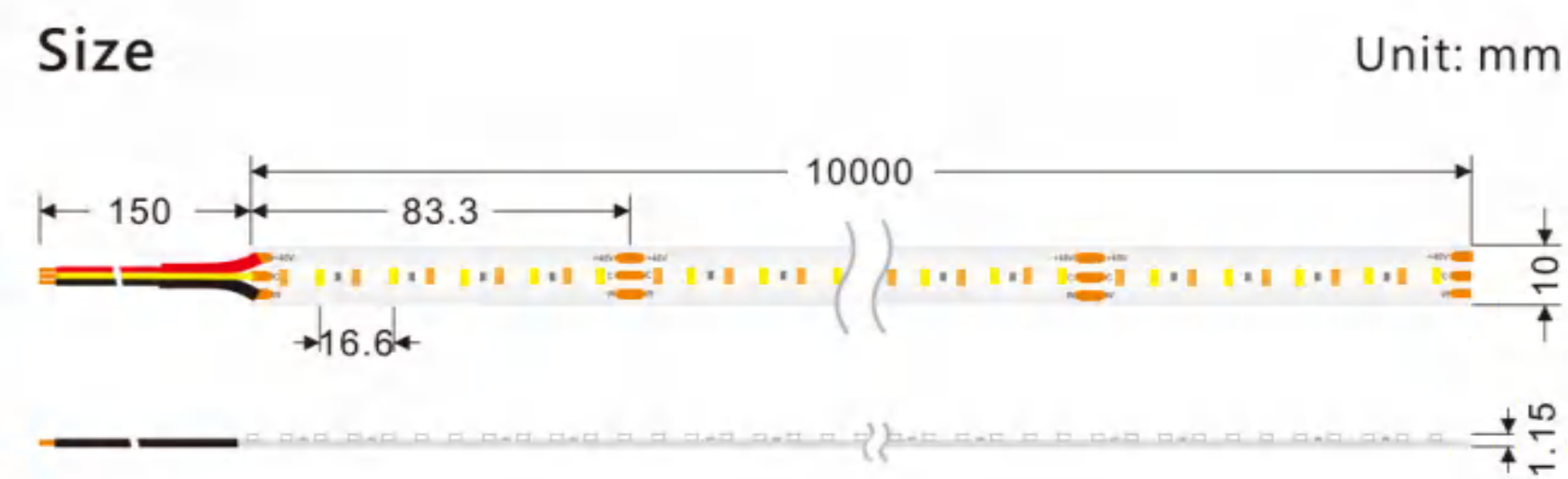


Application renderings



Multicolor

TQ-48V-2835-120D-10MM-CCT



Basic Parameters	
SMD Type	2835 SMD
LED Qty	120LEDs/M
Cutting Unit	10LEDs/83.2MM
PCB Width	10MM
Copper Foil	30Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

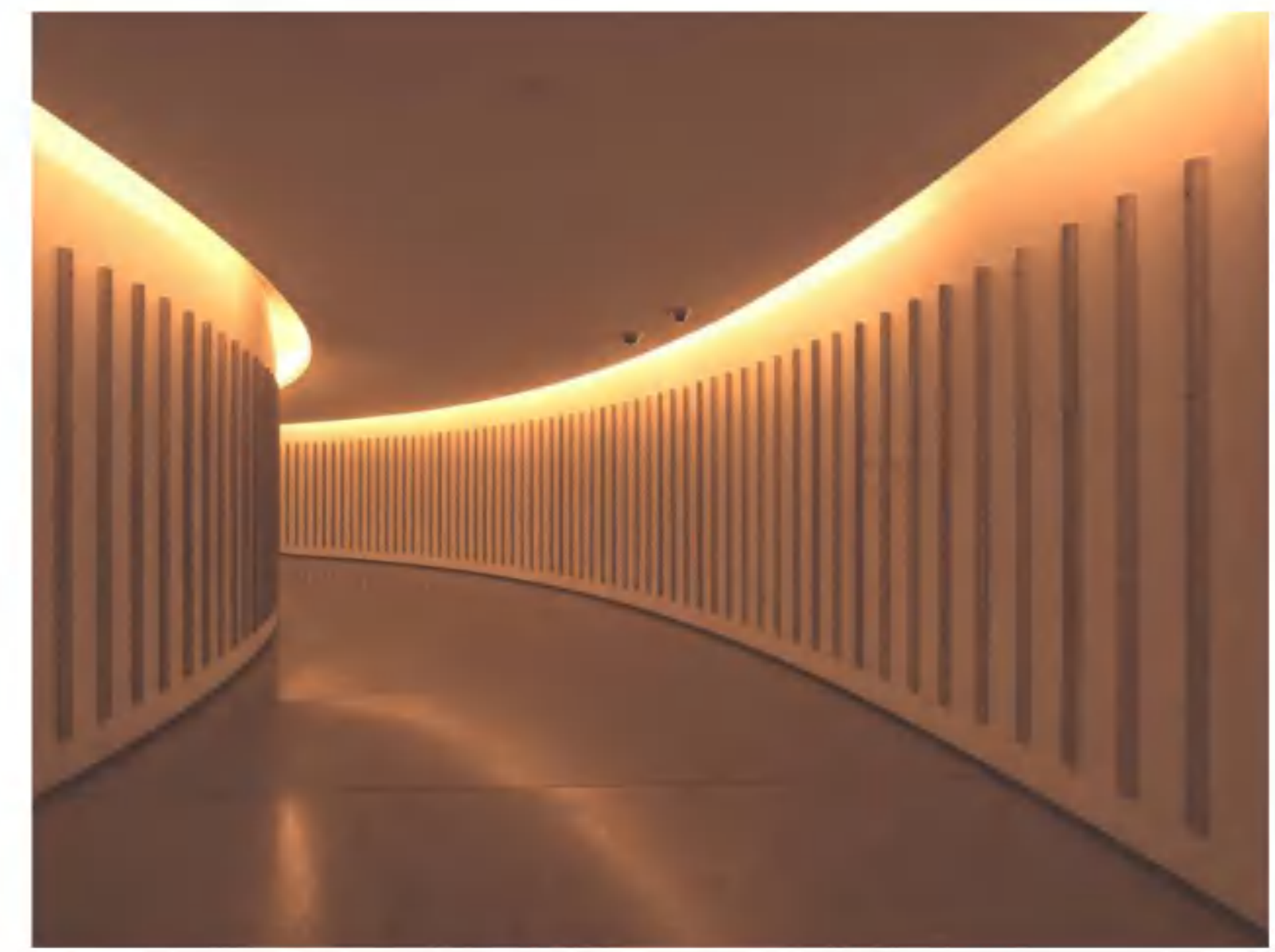
Electrical Parameter	
Input Voltage	48V
Input Current	0.31A/1M 3.1A/10M
Typ. Power	15W/M
Max. Power	16.5W/M

Optical Parameter	
Color Temp.	● 2200K ○ 6000K
CRI	>90
Lumen	1650LM/M

- Feature**
- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
 - High efficiency
 - Long lifetime of LED up to 54,000 hours
 - CRI>90
 - Copper Foil: 30Z(Optional 20Z/40Z)
 - Customized design is available

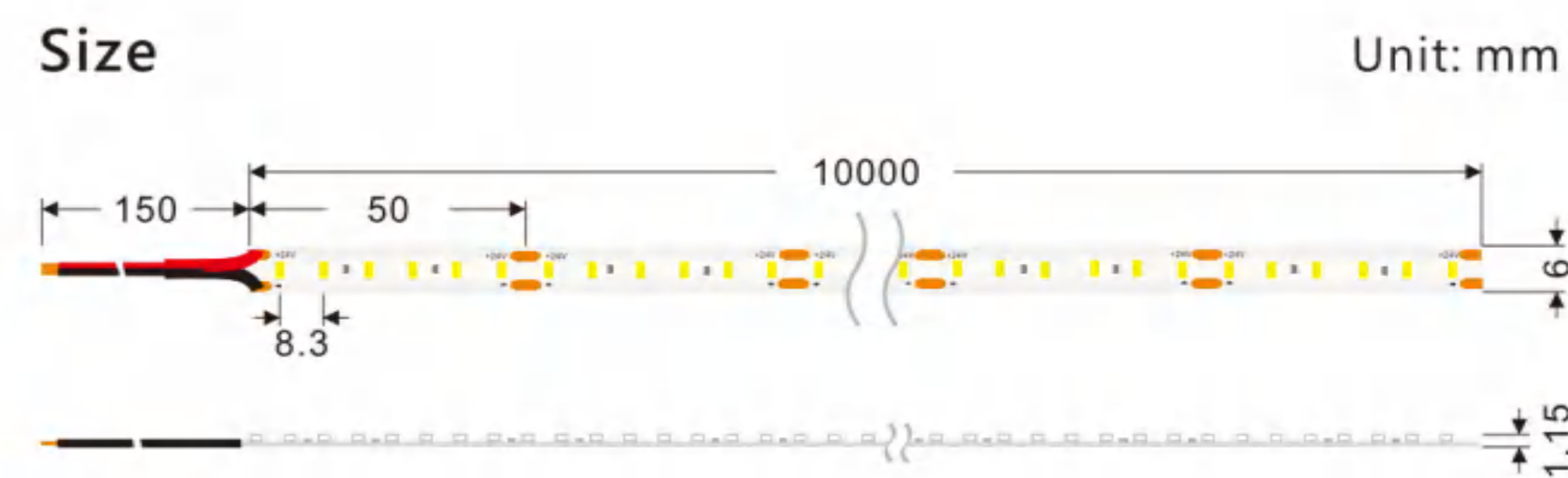


Application renderings

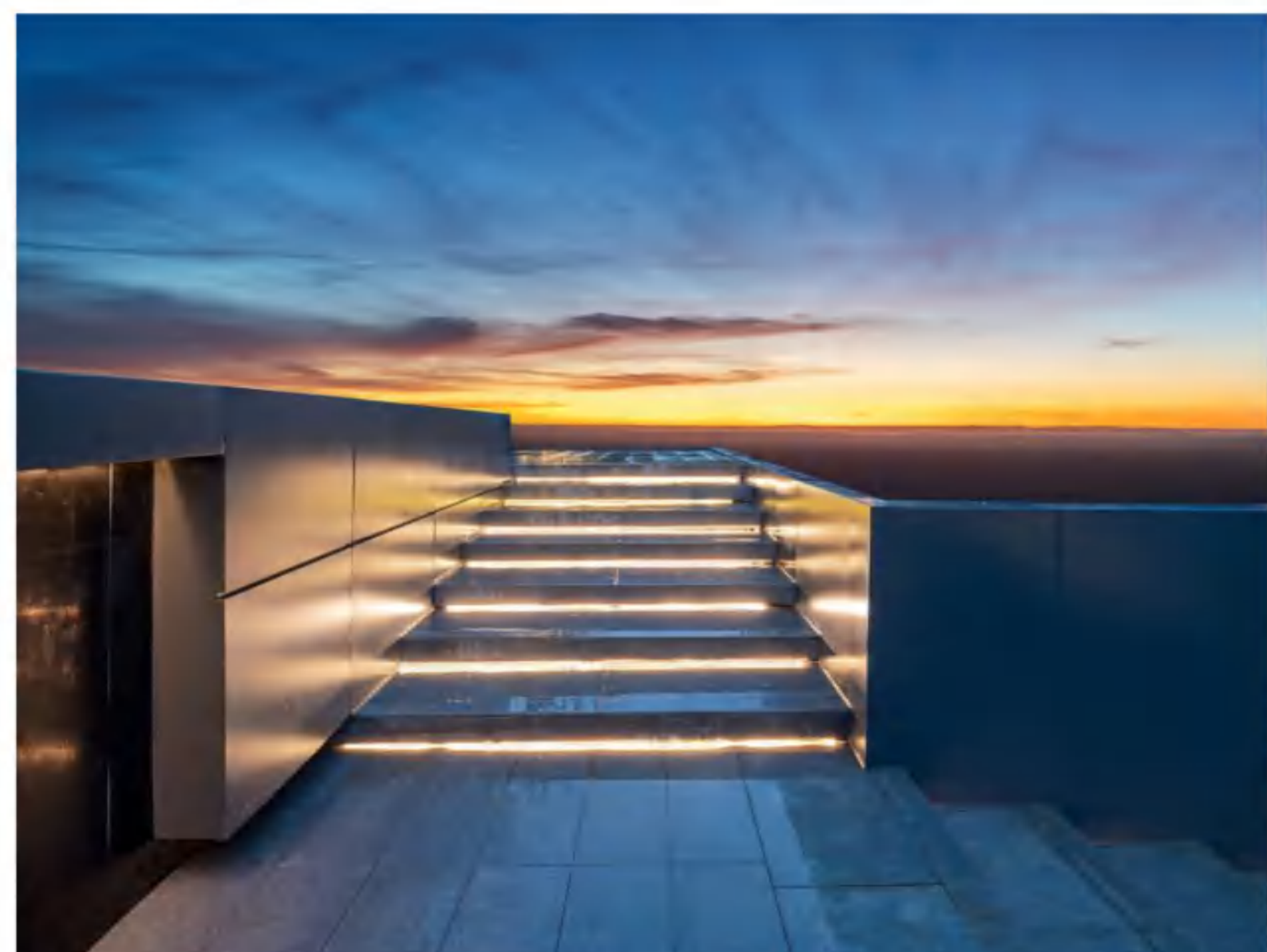
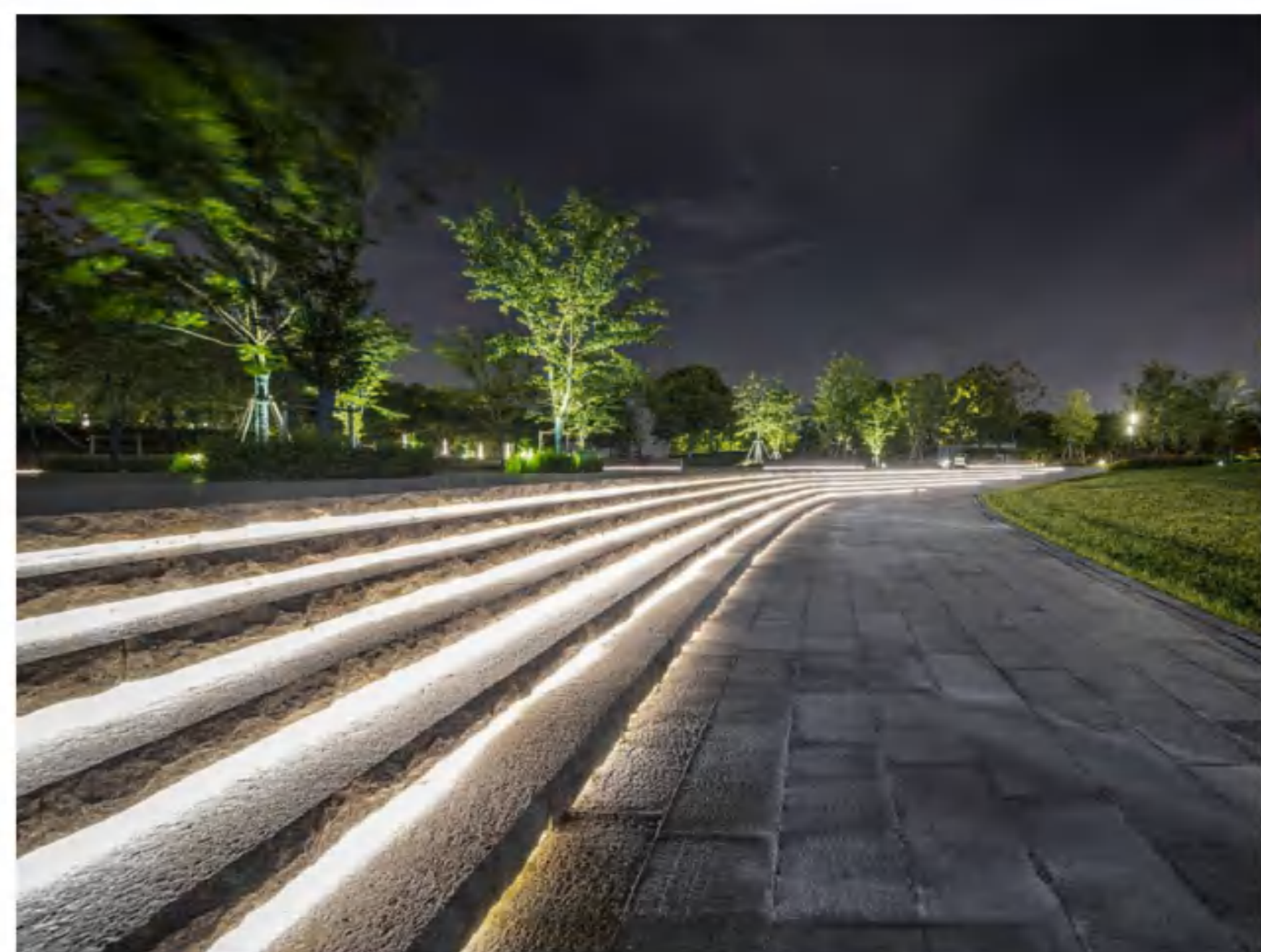


Multicolor

TQ-24V-2835-120D-6MM



Application renderings



Basic Parameters

SMD Type	2835 SMD
LED Qty	120LEDs/M
Cutting Unit	6LEDs/50MM
PCB Width	6MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	24V
Input Current	0.42A/1M 2.1A/5M
Typ. Power	10W/M
Max. Power	11W/M

Optical Parameter

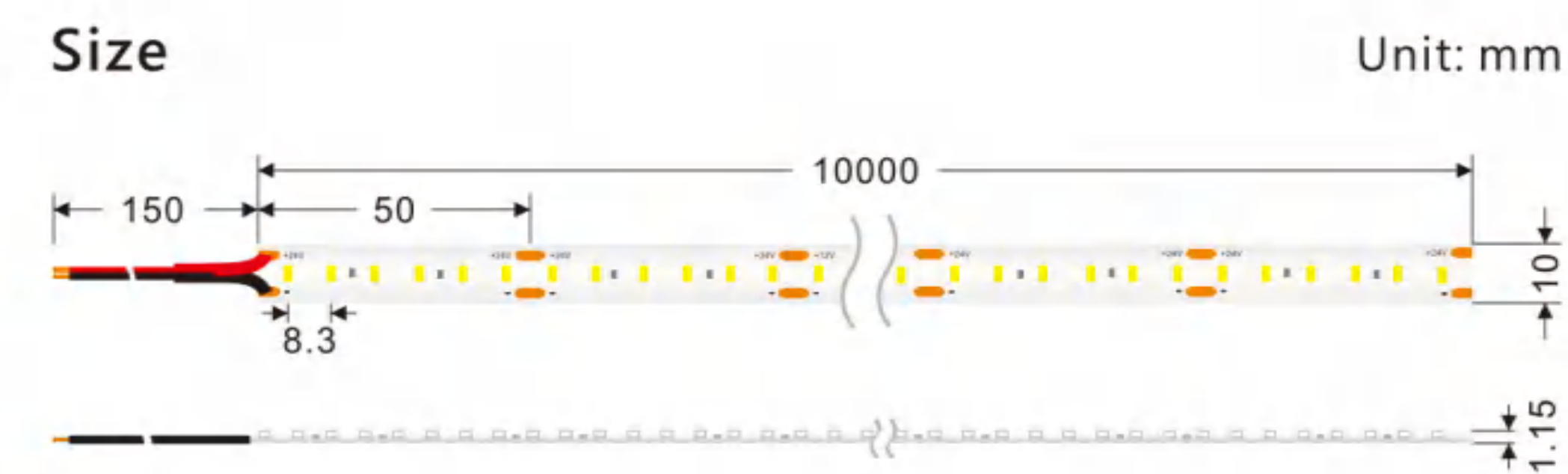
Color Temp.	●1800K ●2200K ●2700K ●3000K ●3500K ●4000K ○5000K ○6000K
CRI	>90
Lumen	1030LM/M

Feature

- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>90
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available

Multicolor

TQ-24V-2835-120D-10MM



Application renderings



Basic Parameters

SMD Type	2835 SMD
LED Qty	120LEDs/M
Cutting Unit	6LEDs/50MM
PCB Width	10MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	24V
Input Current	0.62A/1M 3.1A/5M
Typ. Power	15W/M
Max. Power	16.5W/M

Optical Parameter

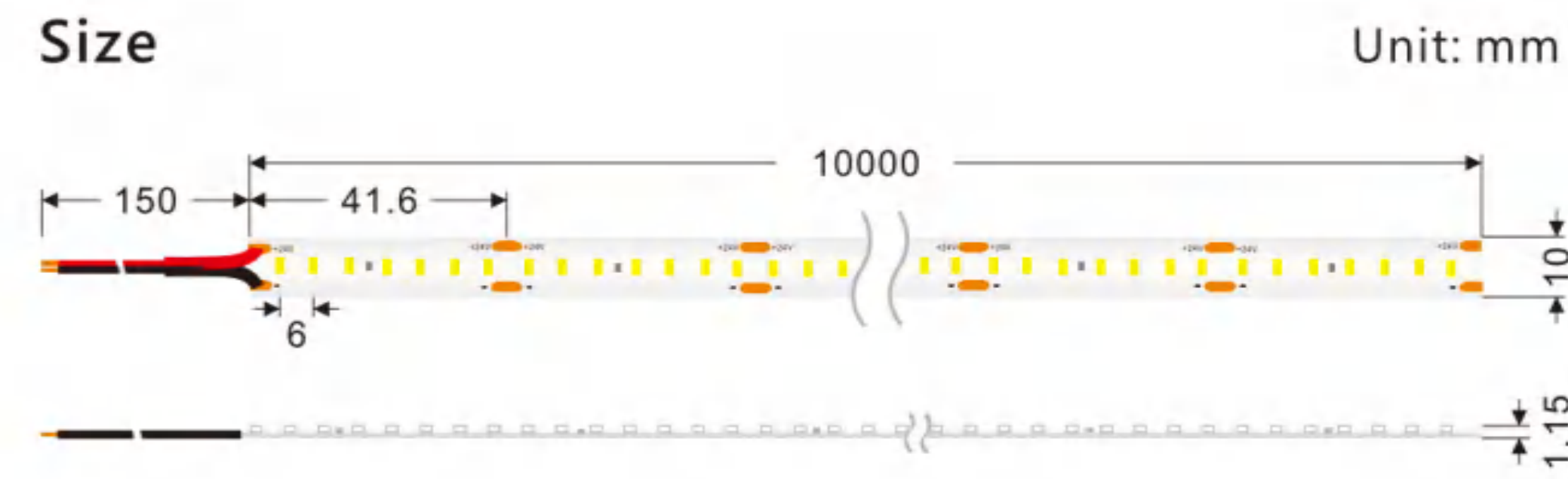
Color Temp.	●1800K ●2200K ●2700K ●3000K ●3500K ●4000K ○5000K ○6000K
CRI	>90
Lumen	1575LM/M

Feature

- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>90
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available

Multicolor

TQ-24V-2835-168D-8MM



Basic Parameters	
SMD Type	2835 SMD
LED Qty	168LEDs/M
Cutting Unit	7LEDs/41.6MM
PCB Width	8MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

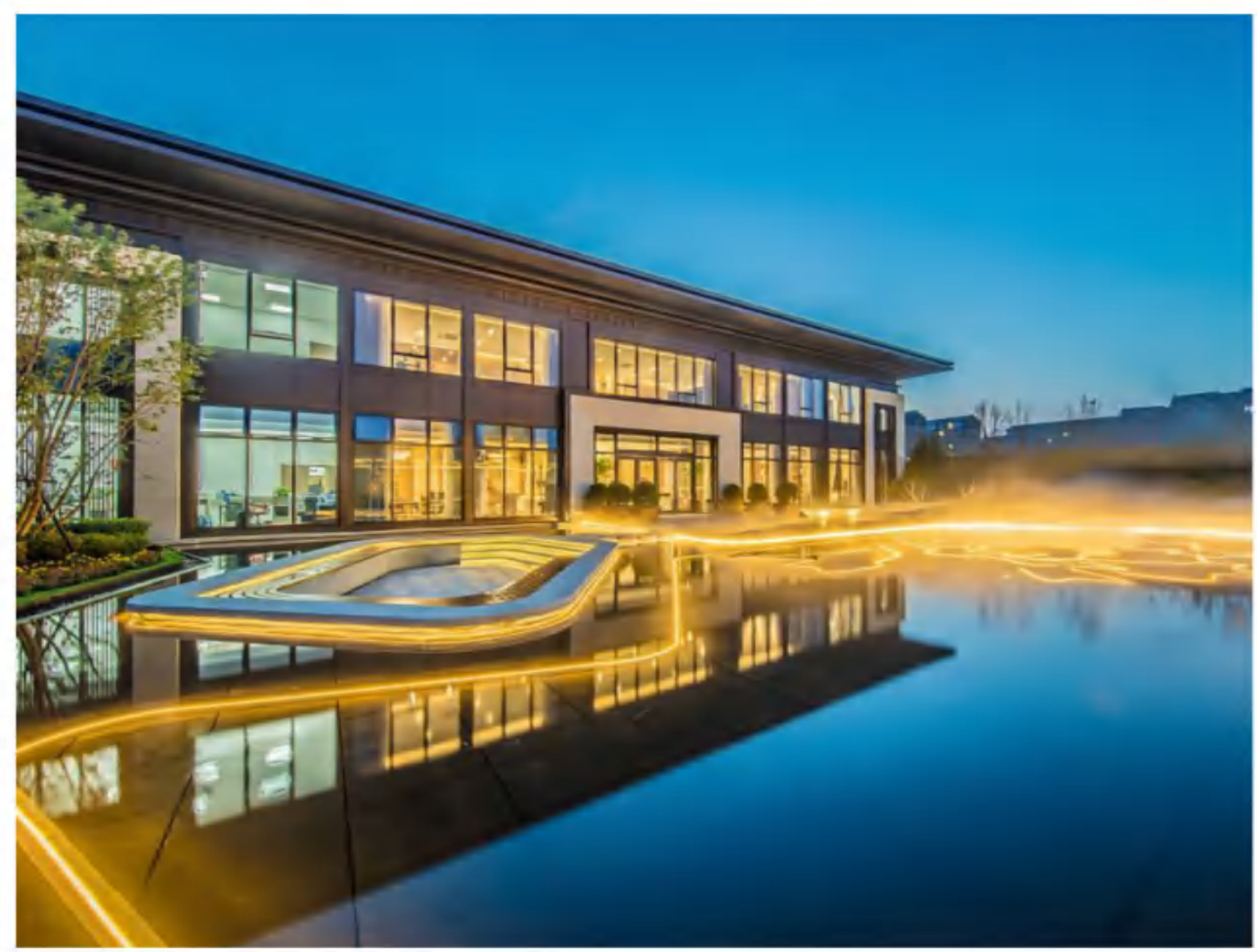
Electrical Parameter	
Input Voltage	24V
Input Current	0.62A/1M 3.1A/5M
Typ. Power	15W/M
Max. Power	16.5W/M

Optical Parameter	
Color Temp.	●1800K ●2200K ●2700K ●3000K ●3500K ●4000K ○5000K ○6000K
CRI	>90
Lumen	1680LM/M

- Feature**
- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
 - High efficiency
 - Long lifetime of LED up to 54,000 hours
 - CRI>90
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

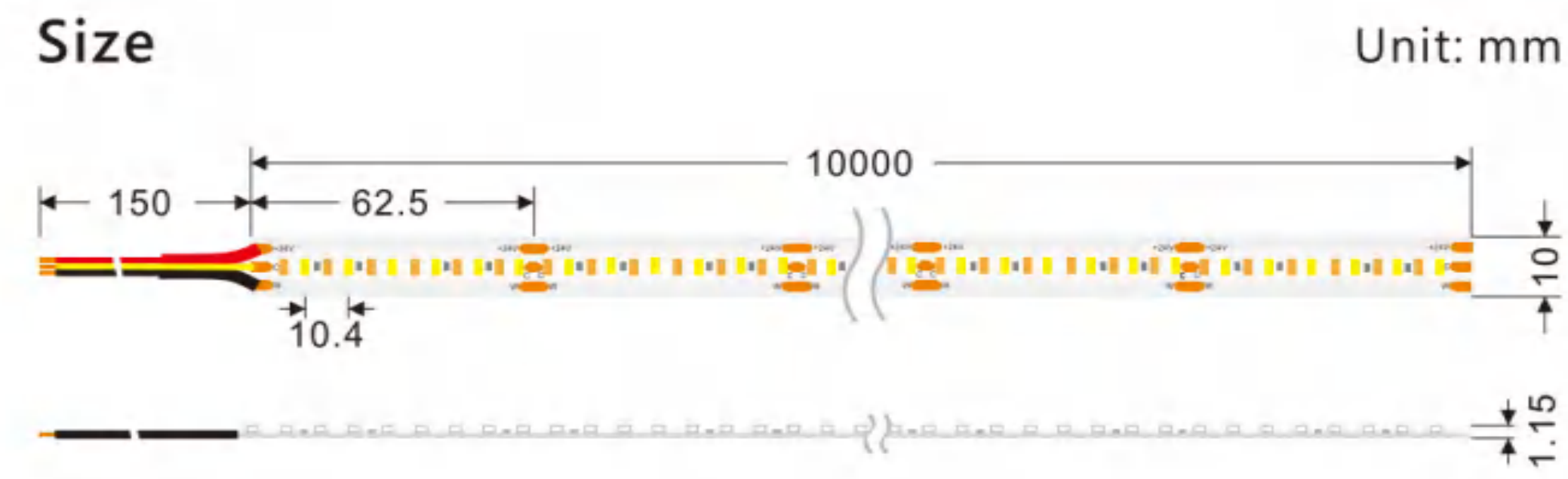


Application renderings



Multicolor

TQ-24V-2835-192D-10MM-CCT



Basic Parameters	
SMD Type	2835 SMD
LED Qty	192LEDs/M
Cutting Unit	12LEDs/62.5MM
PCB Width	10MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.7A/1M 3.5A/5M
Typ. Power	15.5W/M
Max. Power	17W/M

Optical Parameter	
Color Temp.	●2200K ○6000K
CRI	>90
Lumen	1780LM/M

- Feature**
- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
 - High efficiency
 - Long lifetime of LED up to 54,000 hours
 - CRI>90
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

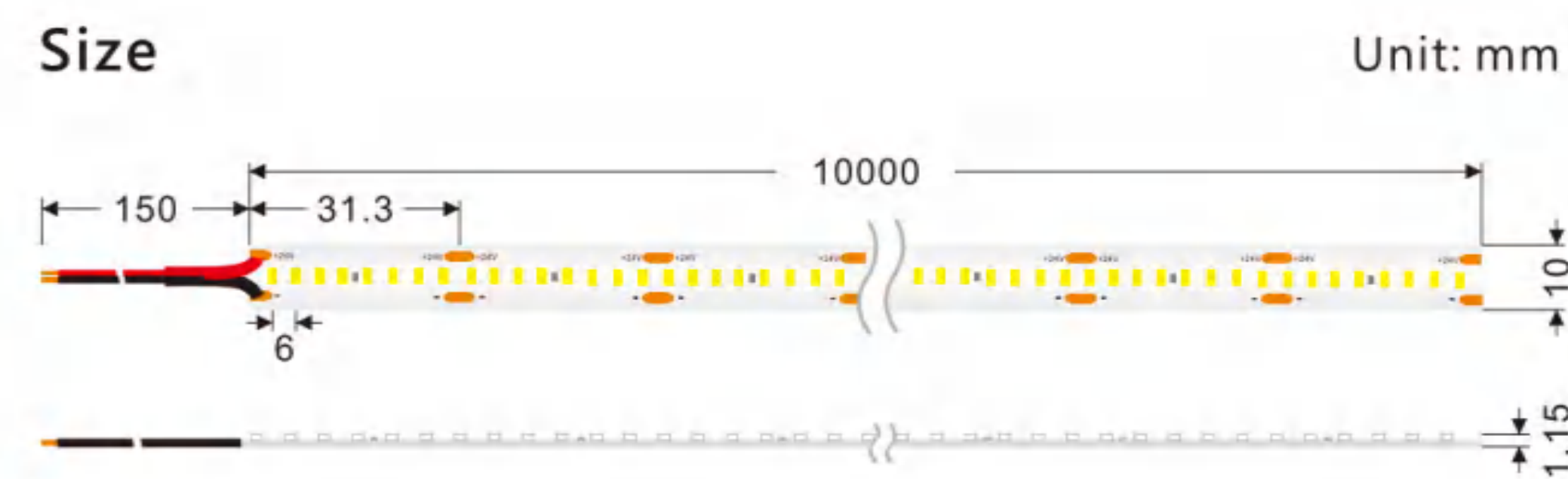


Application renderings

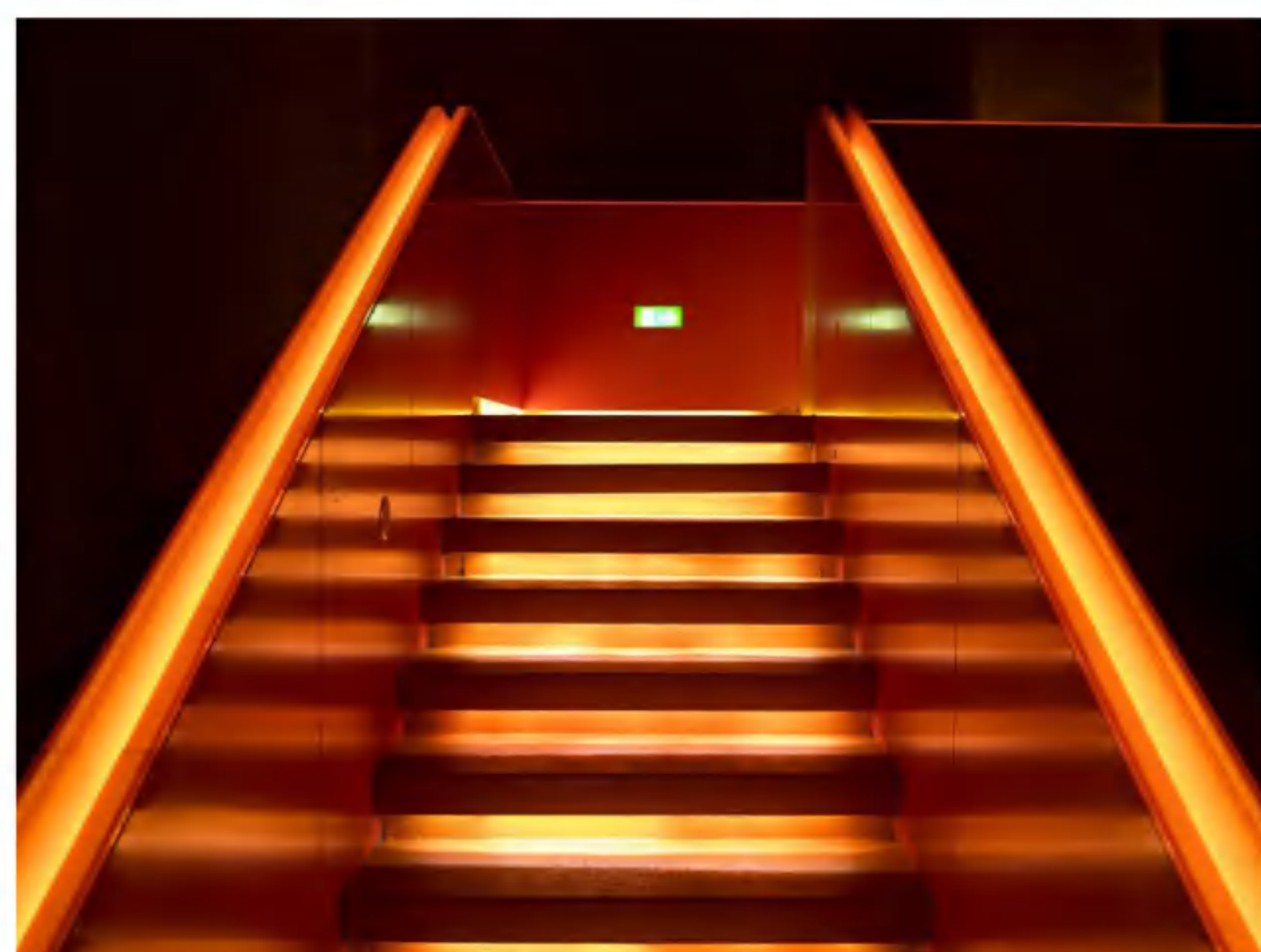
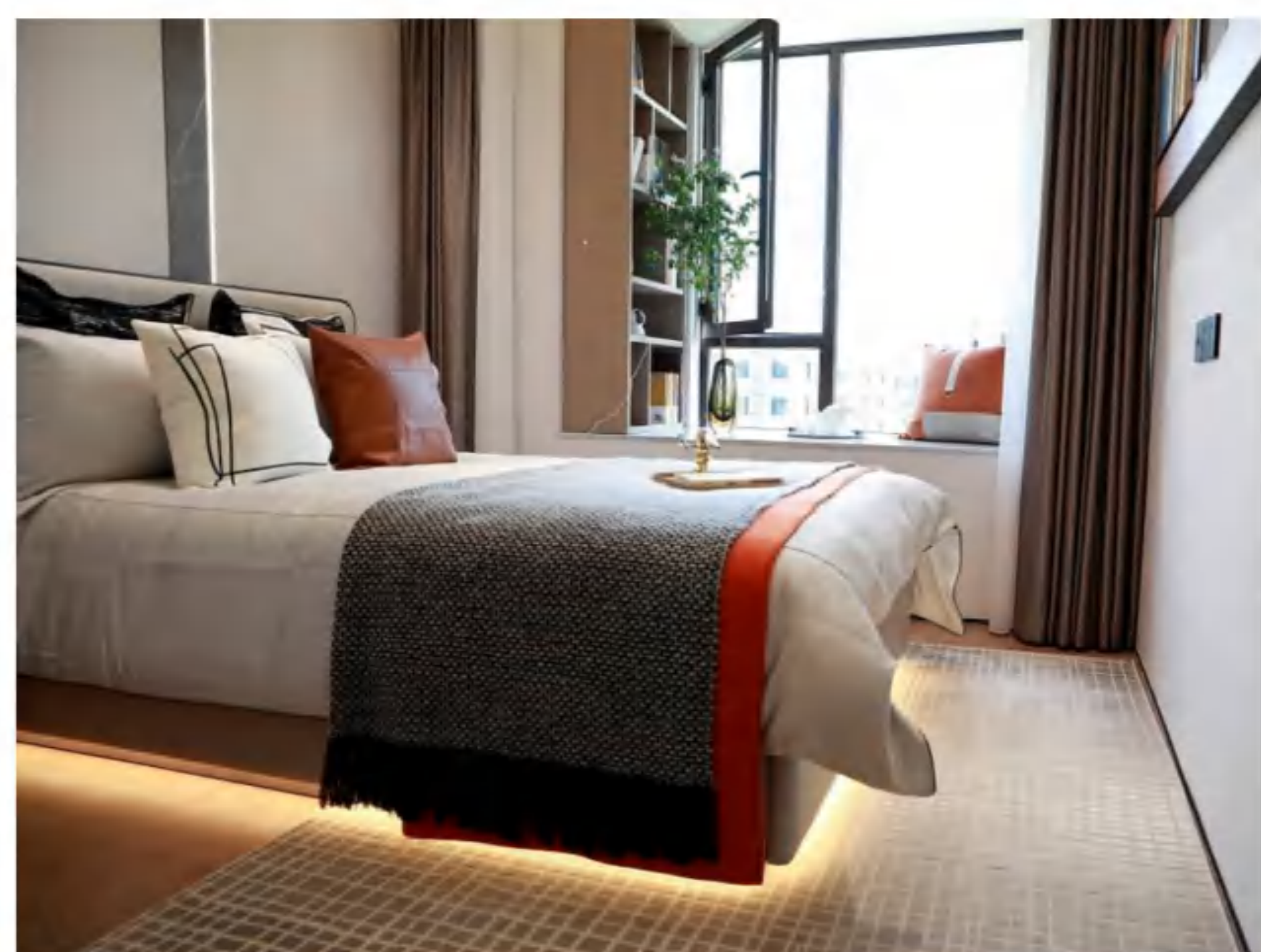


Multicolor

TQ-24V-2835-256D-10MM



Application renderings



Basic Parameters

SMD Type	2835 SMD
LED Qty	256LEDs/M
Cutting Unit	8LEDs/31.25MM
PCB Width	10MM
Copper Foil	30Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	24V
Input Current	0.92A/1M 4.58A/5M
Typ. Power	22W/M
Max. Power	24.2W/M

Optical Parameter

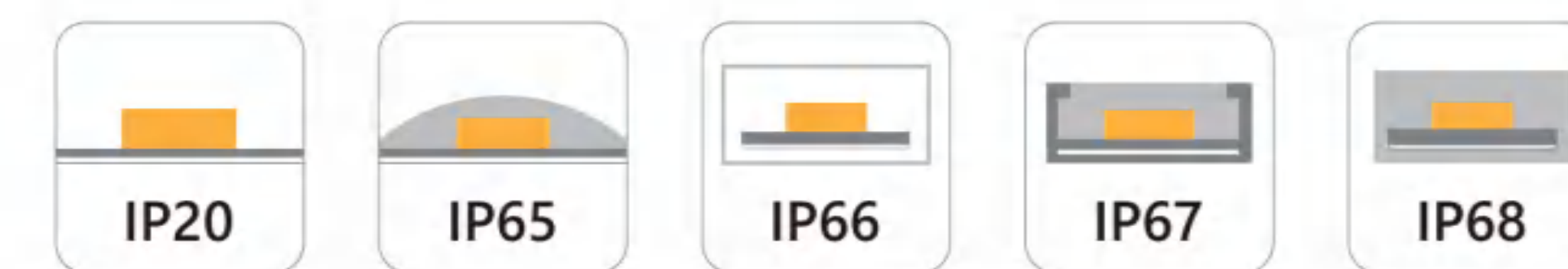
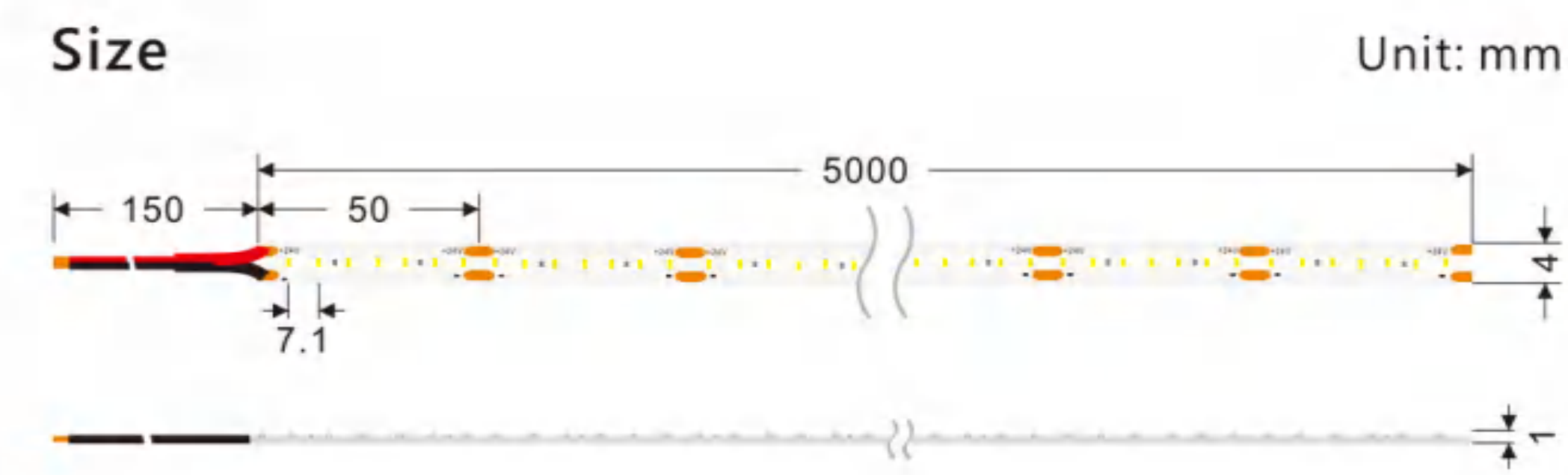
Color Temp.	● 1800K ● 2200K ● 2700K ● 3000K ● 3500K ● 4000K ○ 5000K ○ 6000K
CRI	>90
Lumen	2970LM/M

Feature

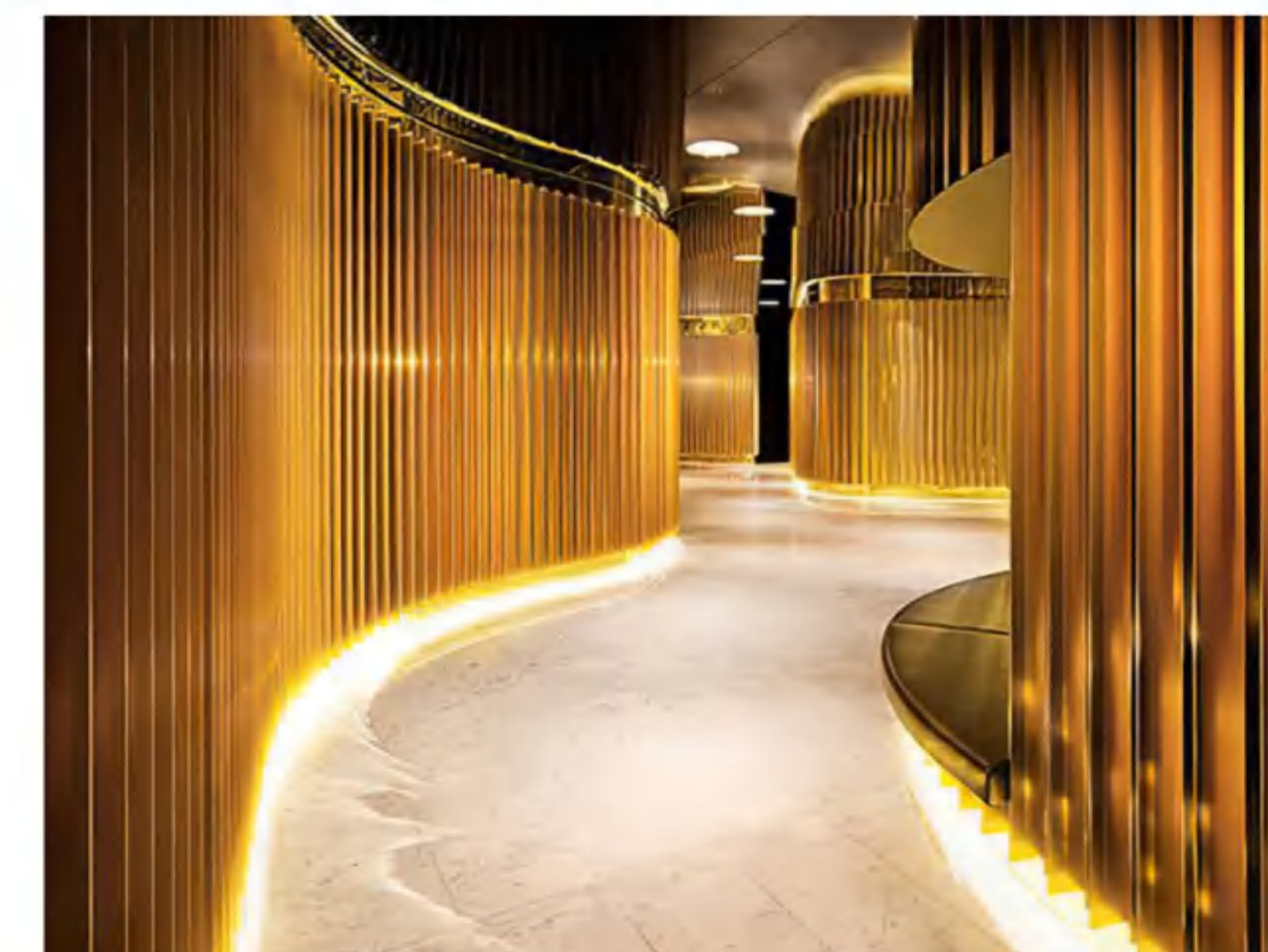
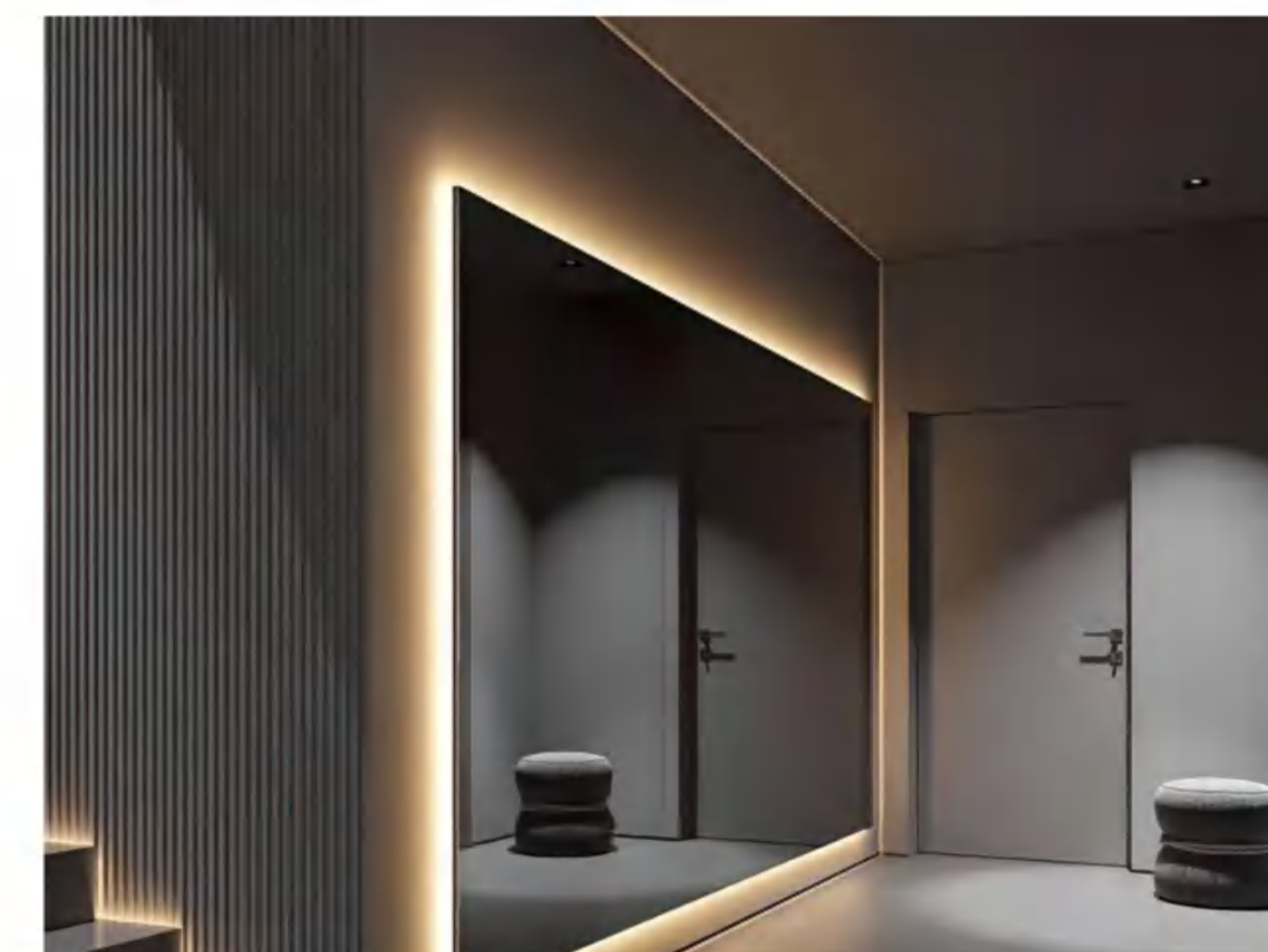
- Made by self-encapsulated 2835 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>90
- Copper Foil: 30Z(Optional 20Z/40Z)
- Customized design is available

Multicolor

TQ-24V-2216-140D-4MM



Application renderings



Basic Parameters

SMD Type	2216 SMD
LED Qty	140LEDs/M
Cutting Unit	7LEDs/50MM
PCB Width	4MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	24V
Input Current	0.41A/1M 2.1A/5M
Typ. Power	10W/M
Max. Power	11W/M

Optical Parameter

Color Temp.	● 2200K ○ 6000K
CRI	>90
Lumen	960LM/M

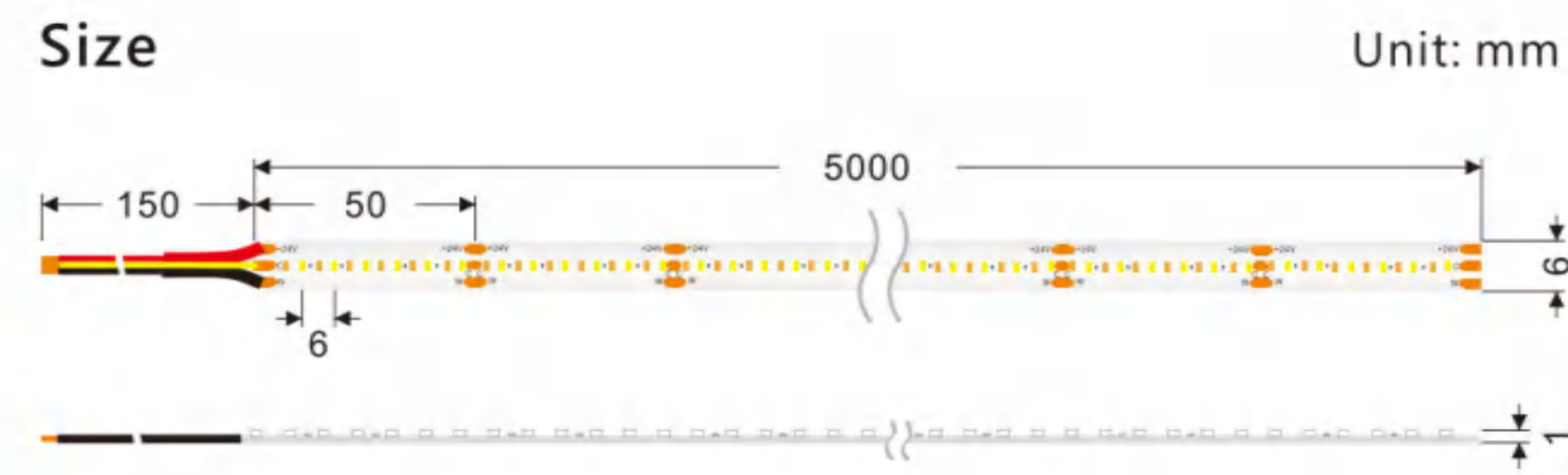
Feature

- Made by self-encapsulated 2216 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>90
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available

SMD 2216/2010 Series Strip Light

Multicolor

TQ-24V-2216-240D-6MM-CCT



Basic Parameters	
SMD Type	2216 SMD
LED Qty	240LEDs/M
Cutting Unit	12LEDs/50MM
PCB Width	6MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.41A/1M 2.1A/5M
Typ. Power	10W/M
Max. Power	11W/M

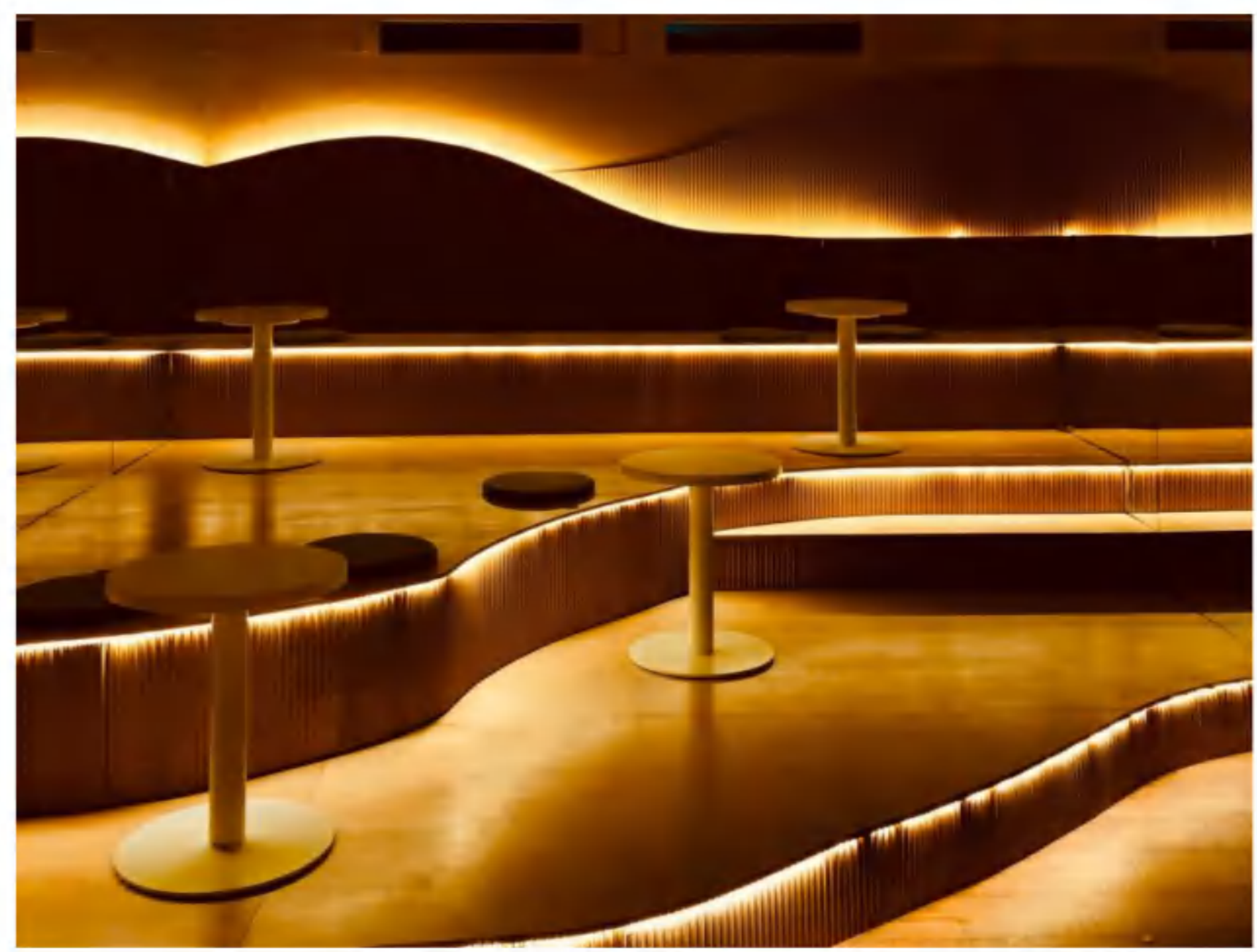
Optical Parameter	
Color Temp.	● 2200K ● 6000K
CRI	>90
Lumen	1172LM/M

Feature

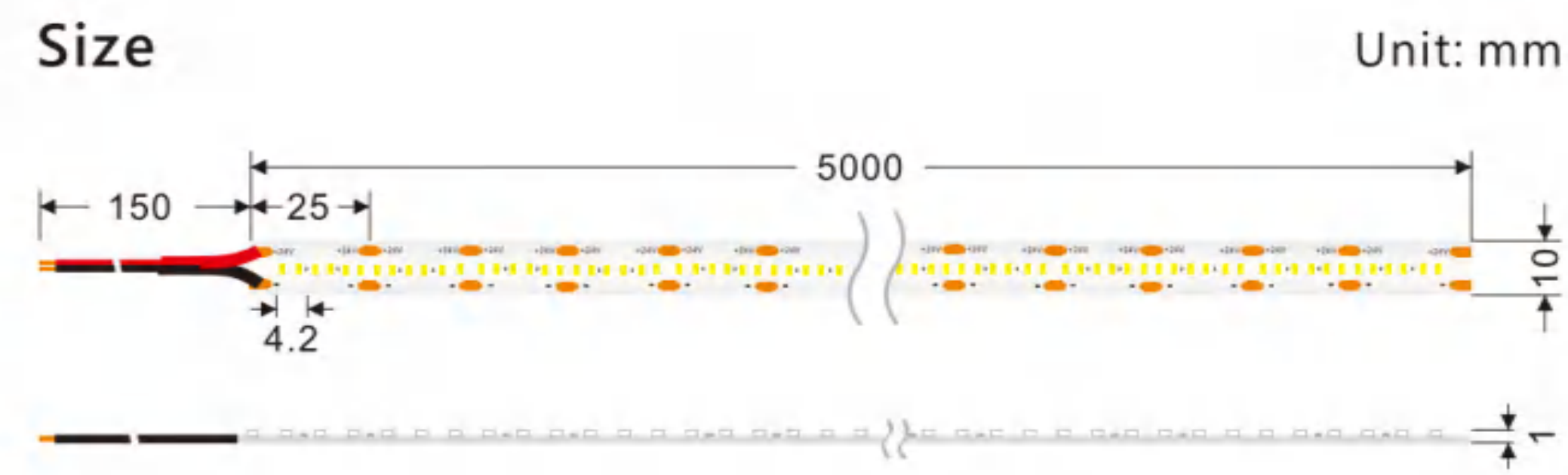
- Made by self-encapsulated 2216 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>90
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available



Application renderings



TQ-24V-2216-240D-10MM



Basic Parameters	
SMD Type	2216 SMD
LED Qty	240LEDs/M
Cutting Unit	6LEDs/25MM
PCB Width	10MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

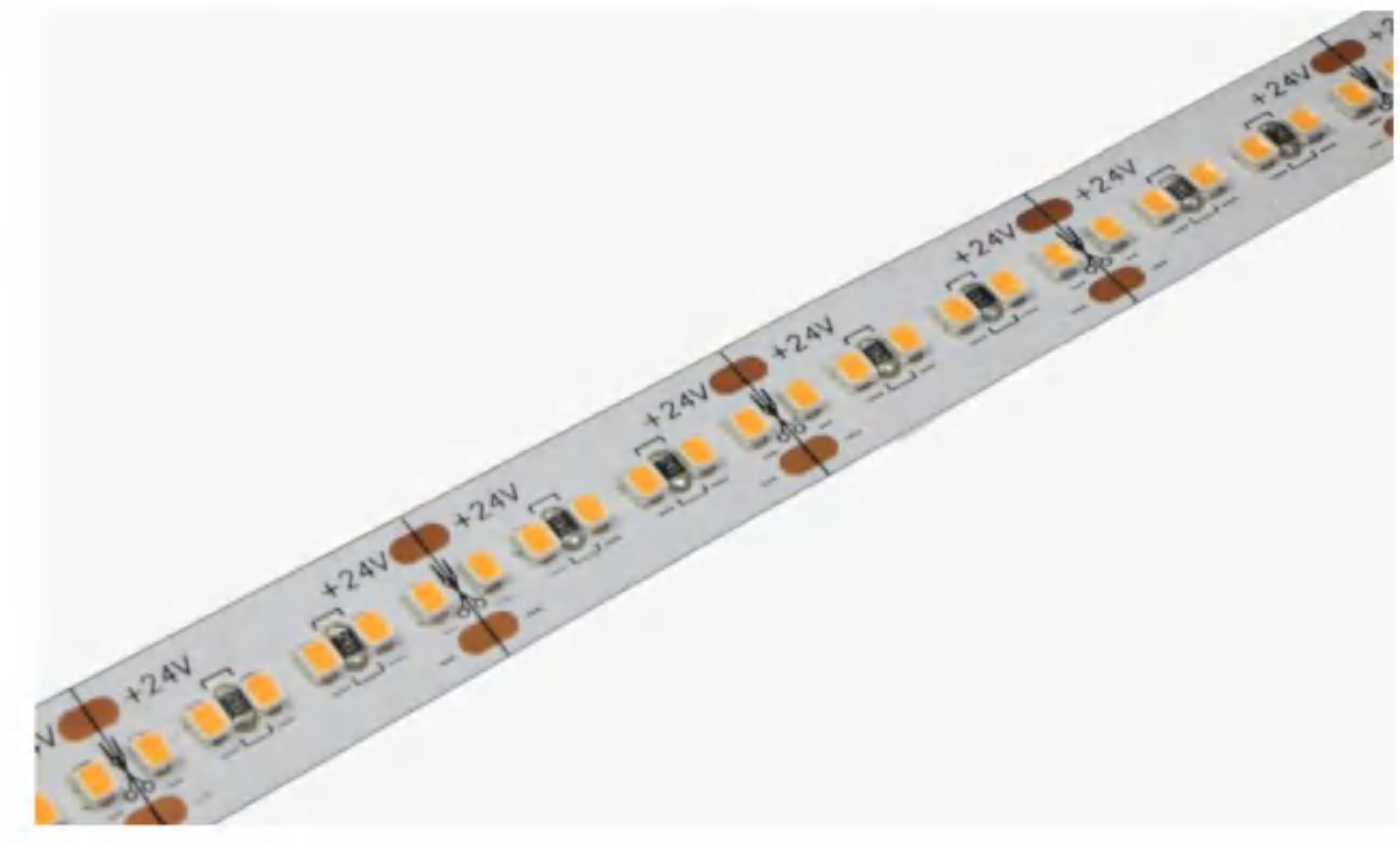
Electrical Parameter	
Input Voltage	24V
Input Current	0.625A/1M 3.125A/5M
Typ. Power	15W/M
Max. Power	16.5W/M

Optical Parameter	
Color Temp.	● 1800K ● 2200K ● 2700K ● 3000K ● 3500K ● 4000K ● 5000K ● 6000K
CRI	>90
Lumen	1460LM/M

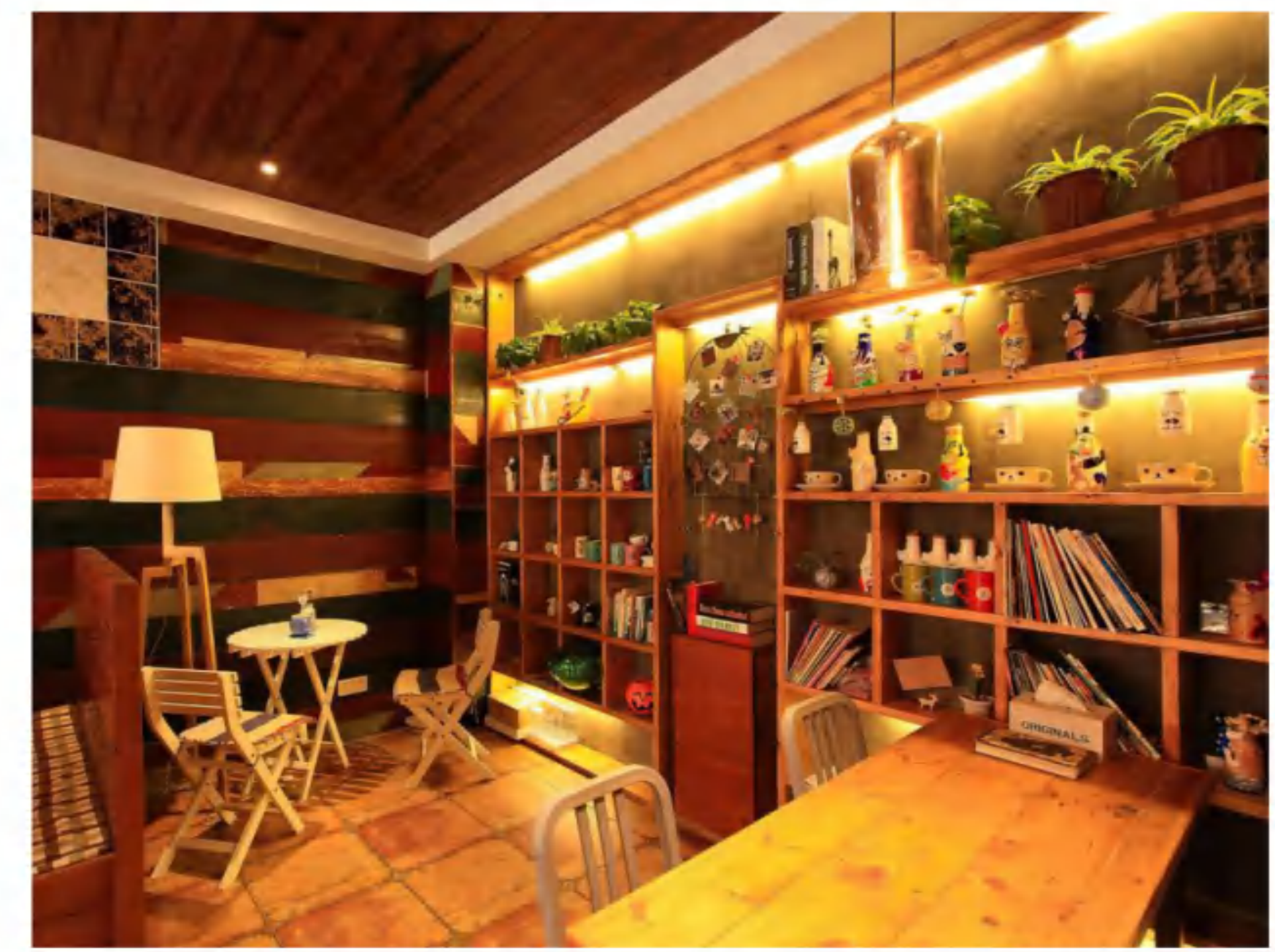
Feature

- Made by self-encapsulated 2216 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>90
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available

Multicolor

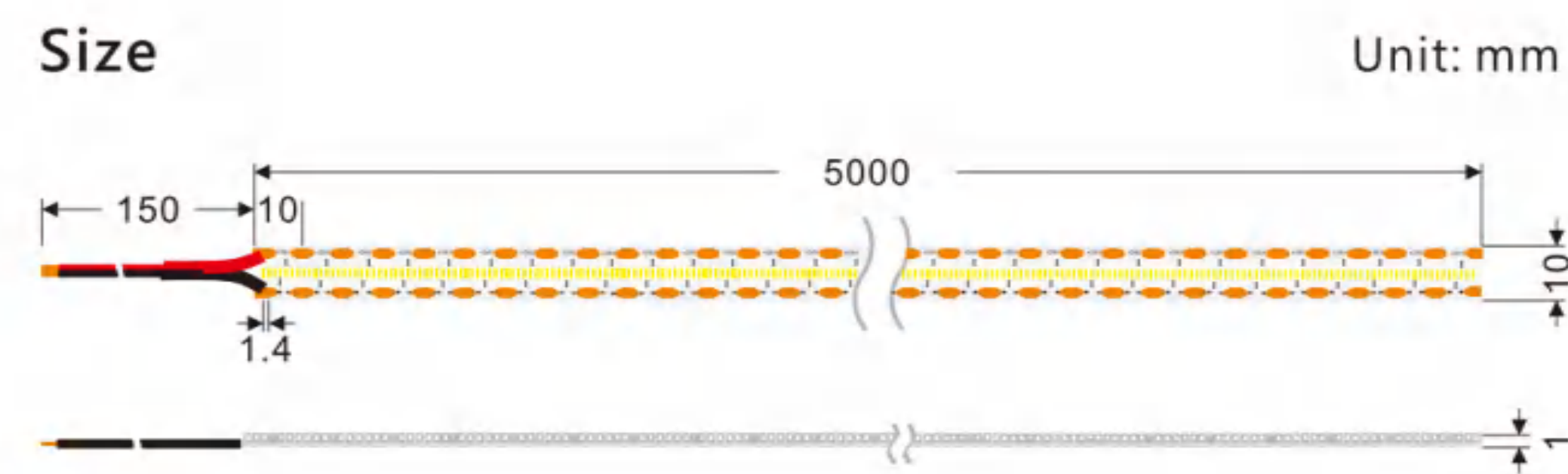


Application renderings



Multicolor

TQ-24V-2010-700D-10MM



Basic Parameters	
SMD Type	2010 SMD
LED Qty	700LEDs/M
Cutting Unit	7LEDs/10MM
PCB Width	10MM
Copper Foil	3OZ
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

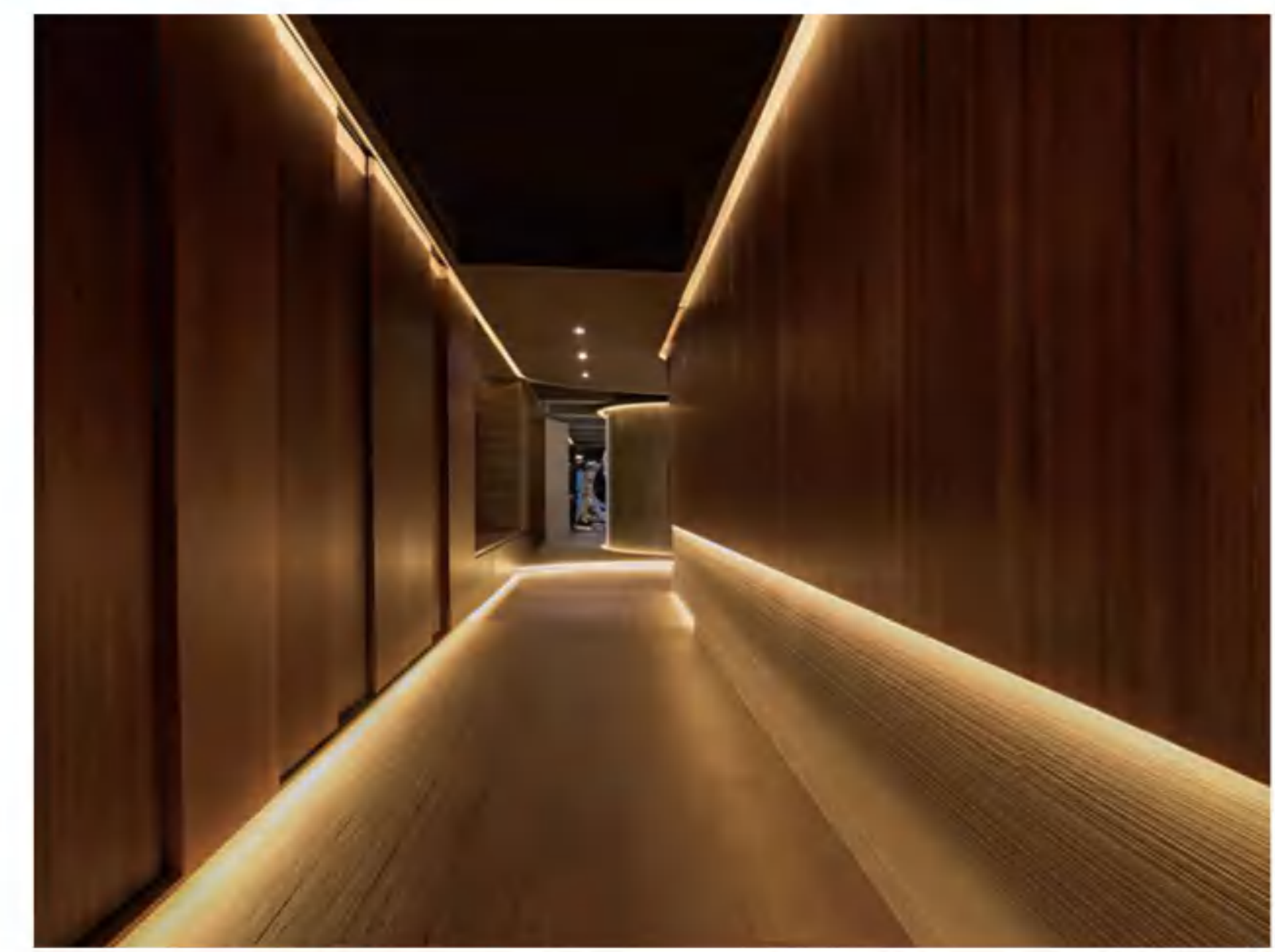
Electrical Parameter	
Input Voltage	24V
Input Current	0.92A/1M 4.58A/5M
Typ. Power	22W/M
Max. Power	24.2W/M

Optical Parameter	
Color Temp.	●1800K ●2200K ●2700K ●3000K ●3500K ●4000K ○5000K ○6000K
CRI	>90
Lumen	2040LM/M

- Feature**
- Made by self-encapsulated 2010 Top LEDs with 99.99% pure gold wire
 - High efficiency
 - Long lifetime of LED up to 54,000 hours
 - CRI>90
 - Copper Foil: 3OZ(Optional 2OZ/4OZ)
 - Customized design is available

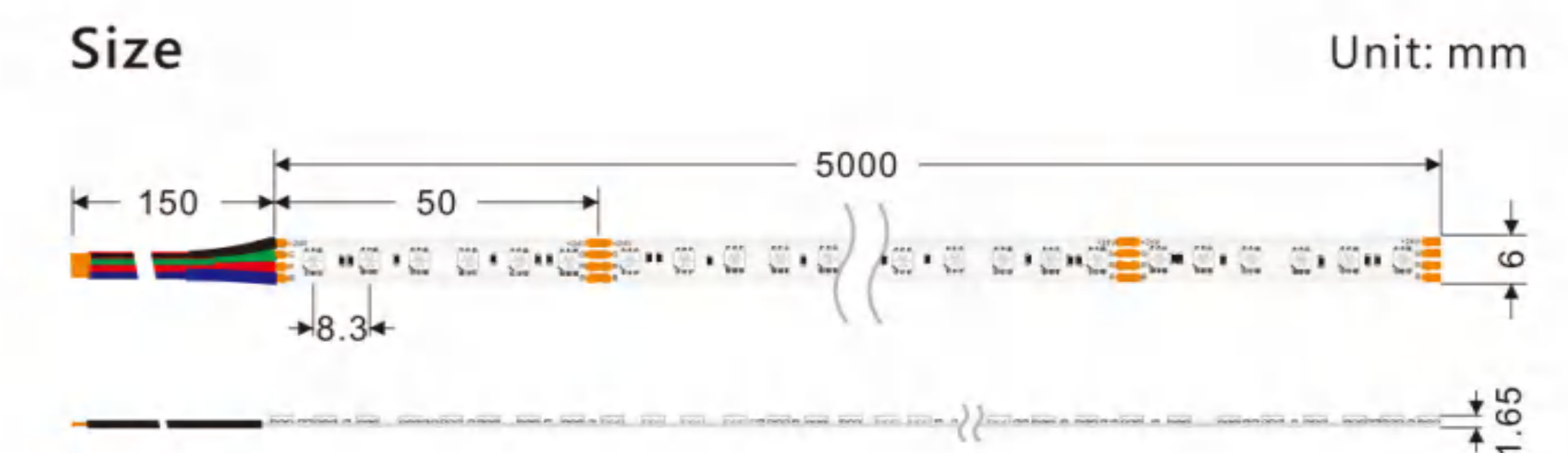


Application renderings



SMD 3535 Series Strip Light

TQ-24V-3535-120D-6MM



Basic Parameters	
SMD Type	3535 SMD
LED Qty	120LEDs/M
Cutting Unit	6LEDs/50MM
PCB Width	6MM
Copper Foil	2OZ
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.33A/1M 1.67A/5M
Typ. Power	8W/M
Max. Power	8.8W/M

Optical Parameter	
Color Temp.	
CRI	/
Lumen	/

- Feature**
- Made by 3535RGB Top LEDs as light source
 - Integrated 3 colors in LED, achieve smooth and colorful RGB mixing effect with RGB controller
 - Cost effective, entry level version with affordable price and reliable quality
 - Widely used for decorative lighting, windows display lighting, automotive interior lighting etc
 - Copper Foil: 2OZ(Optional 3OZ/4OZ)
 - Customized design is available

Multicolor

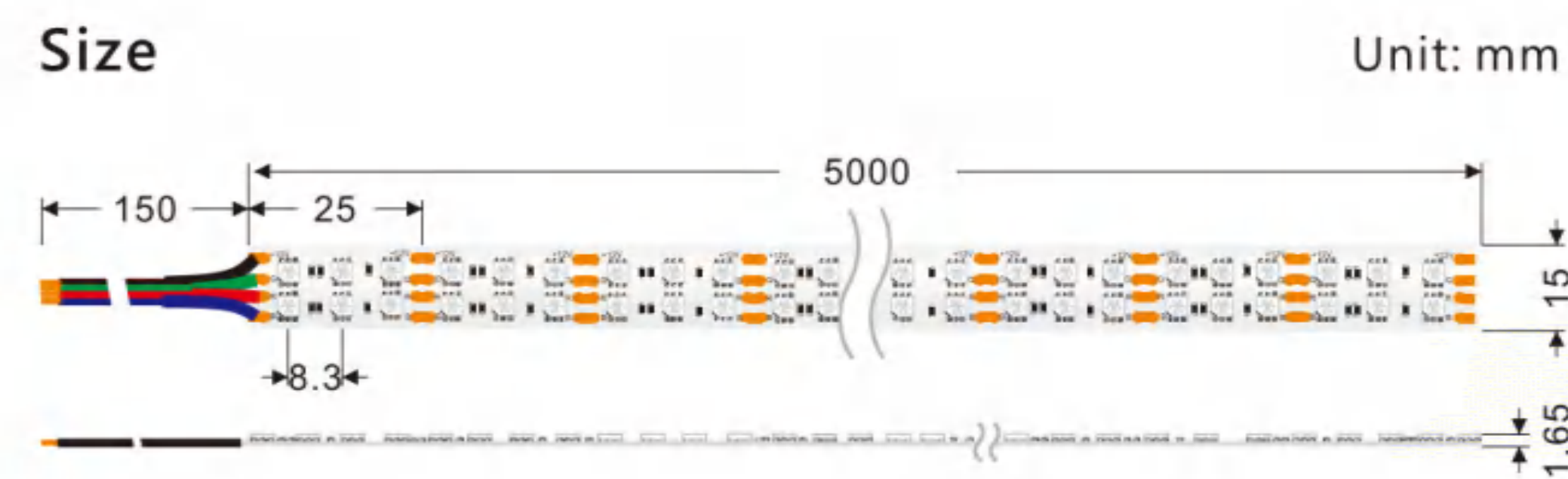


Application renderings



Multicolor

TQ-12V-3535-240D-15MM

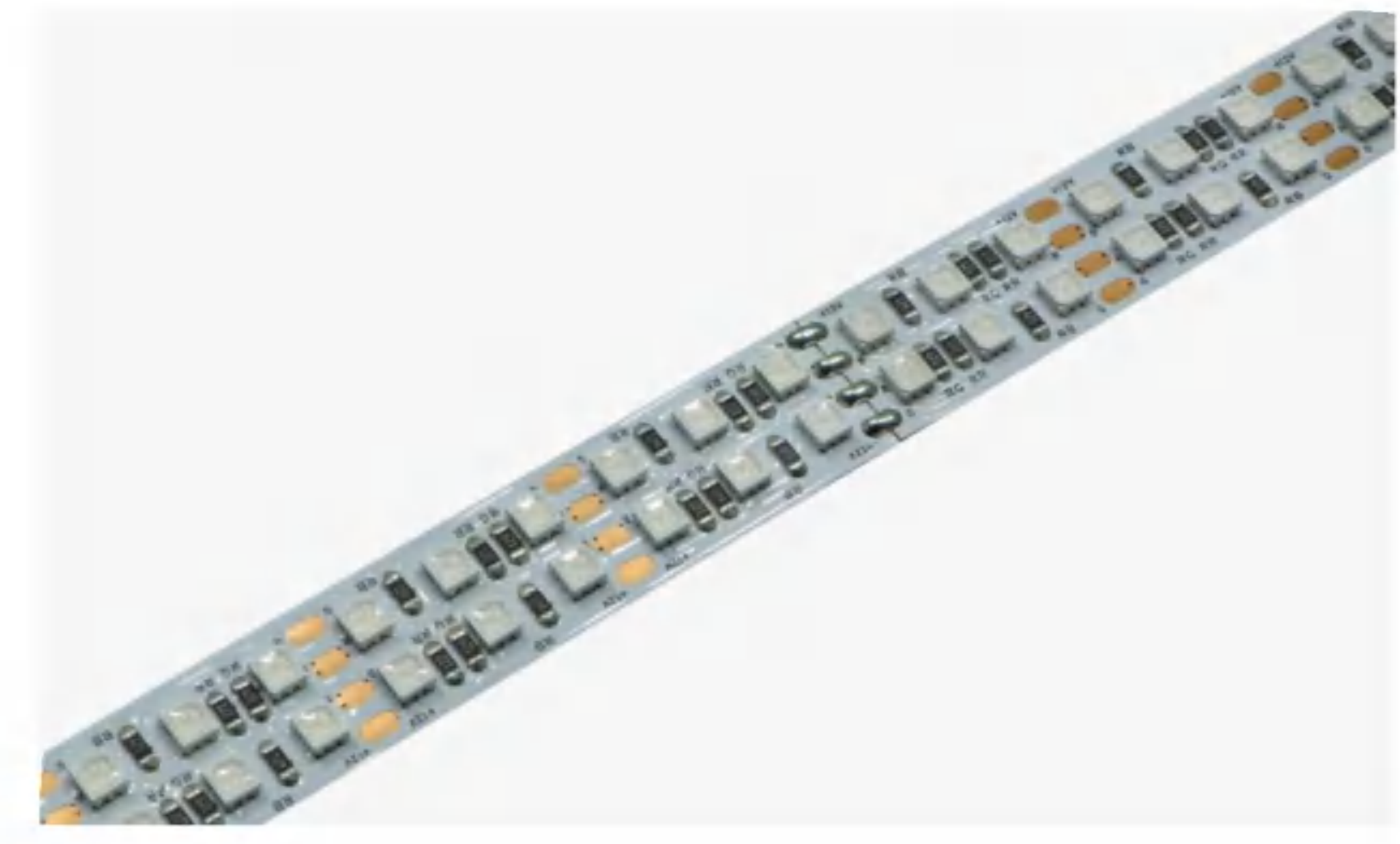
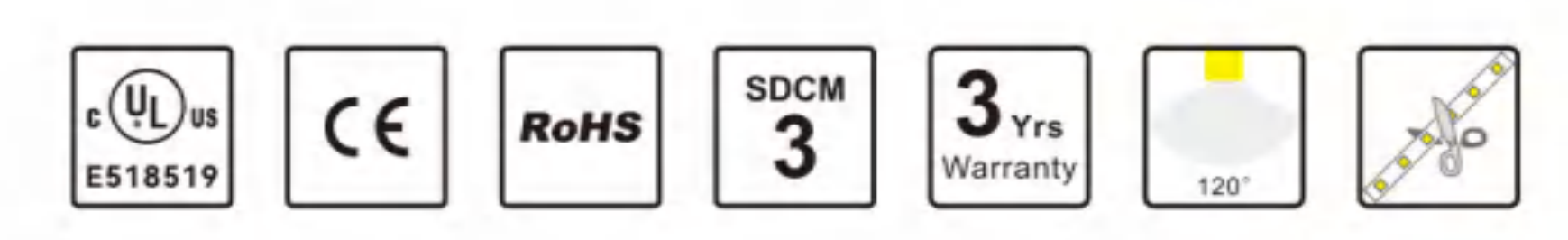


Basic Parameters	
SMD Type	3535 SMD
LED Qty	240LEDs/M
Cutting Unit	6LEDs/25MM
PCB Width	15MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

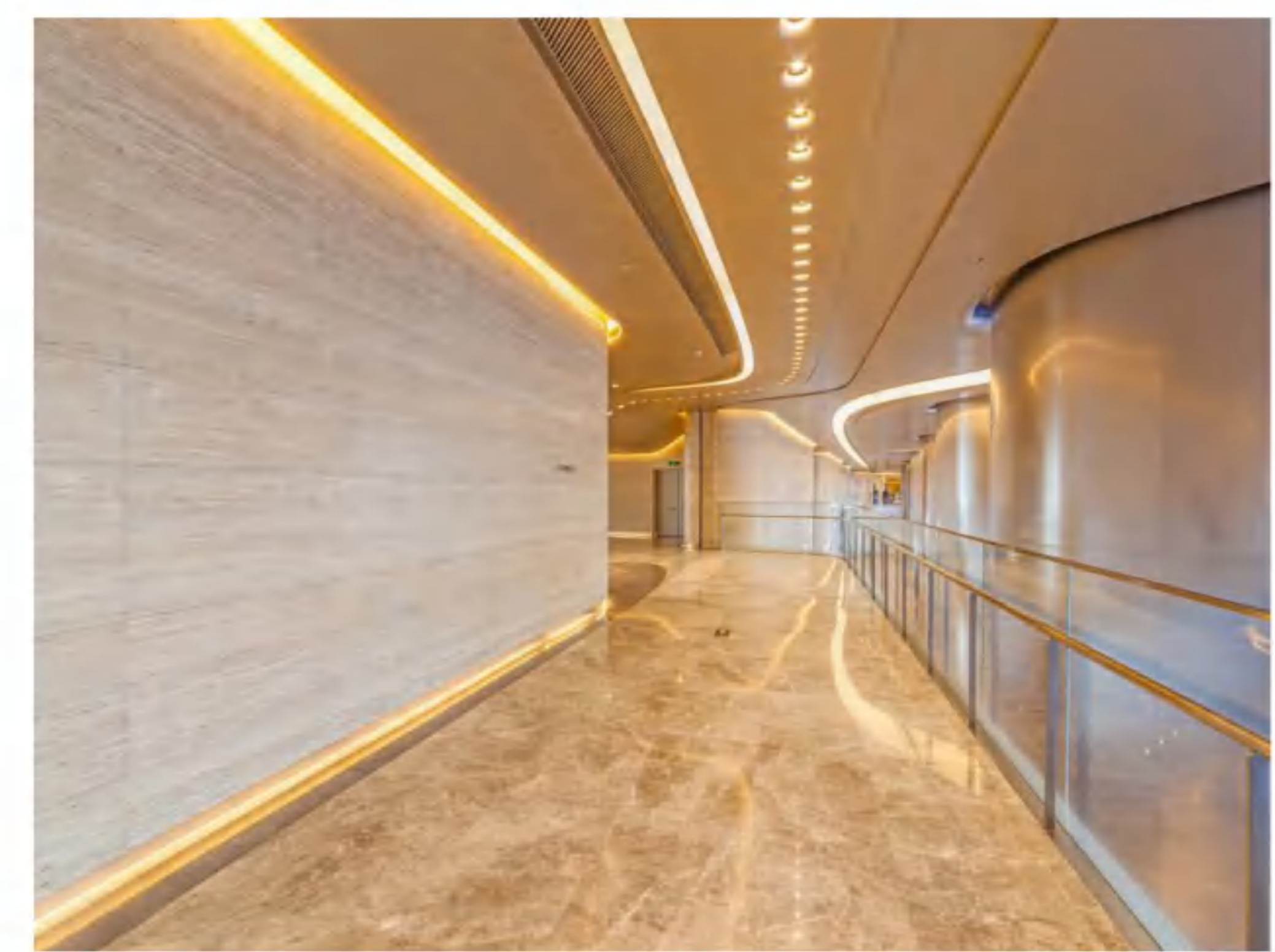
Electrical Parameter	
Input Voltage	12V
Input Current	1.25A/1M 6.25A/5M
Typ. Power	15W/M
Max. Power	16.5W/M

Optical Parameter	
Color Temp.	
CRI	/
Lumen	/

- Feature**
- Made by 3535RGB Top LEDs as light source
 - Integrated 3 colors in LED, achieve smooth and colorful RGB mixing effect with RGB controller
 - Cost effective, entry level version with affordable price and reliable quality
 - Widely used for decorative lighting, windows display lighting, automotive interior lighting etc
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

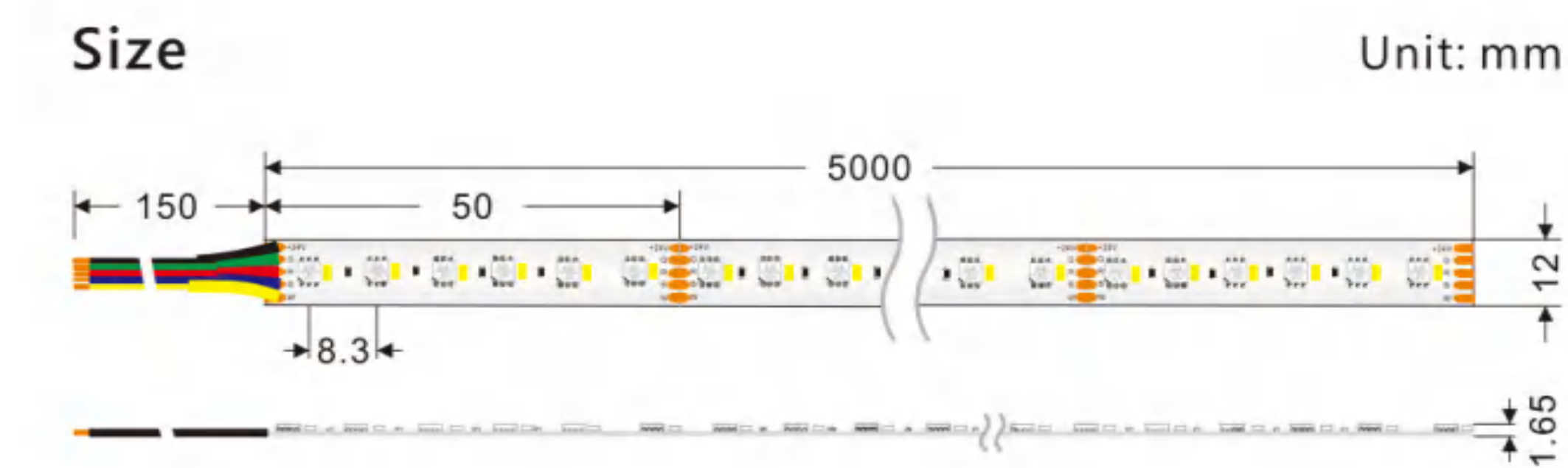


Application renderings



Multicolor

TQ-24V-3535-96D-12MM-RGBW



Basic Parameters	
SMD Type	3535+2835 SMD
LED Qty	96LEDs/M
Cutting Unit	12LEDs/62.5MM
PCB Width	12MM
Copper Foil	30Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.8A/1M 4A/5M
Typ. Power	19W/M
Max. Power	21W/M

Optical Parameter	
Color Temp.	● 2200K ← ○ 6000K
CRI	>90
Lumen	/

- Feature**
- Made by 3535RGB Top LEDs as light source
 - Integrated 3 colors in LED, achieve smooth and colorful RGB mixing effect with RGB controller
 - Cost effective, entry level version with affordable price and reliable quality
 - Widely used for decorative lighting, windows display lighting, automotive interior lighting etc
 - Copper Foil: 30Z(Optional 20Z/40Z)
 - Customized design is available

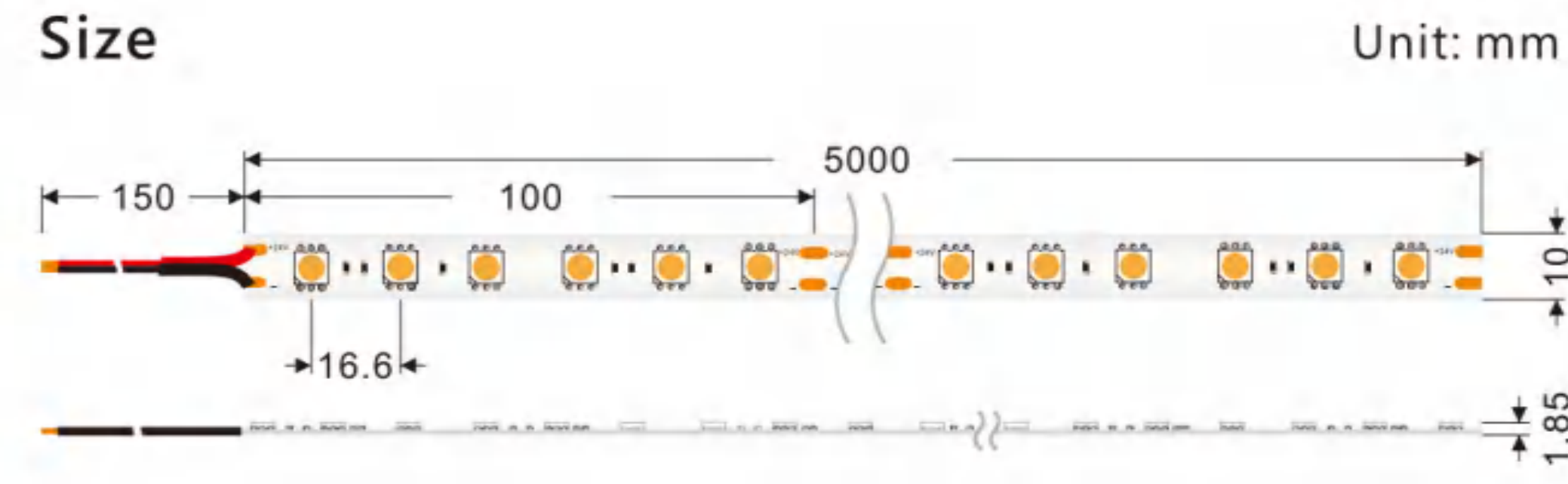


Application renderings



SMD 5050 Series Strip Light

TQ-24V-5050-60D-10MM



Basic Parameters

SMD Type	5050 SMD
LED Qty	60LEDs/M
Cutting Unit	6LEDs/100MM
PCB Width	10MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	24V
Input Current	0.5A/1M 2.5A/5M
Typ. Power	12W/M
Max. Power	13.2W/M

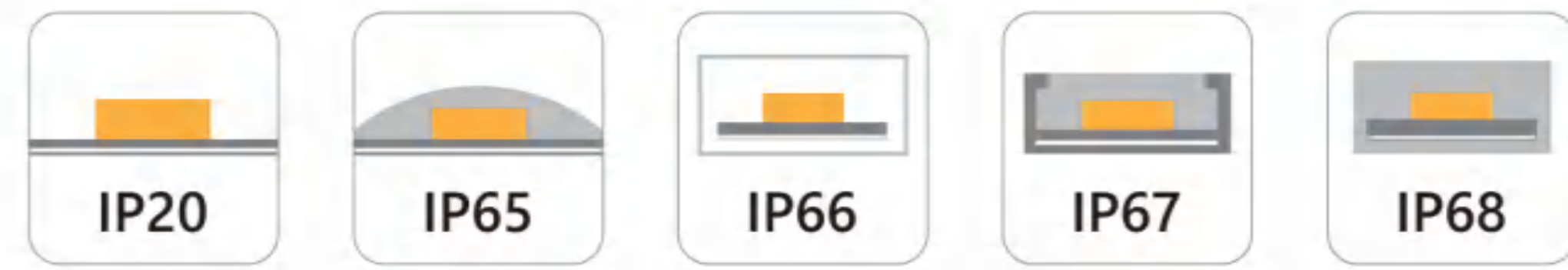
Optical Parameter

Color Temp.	●1800K ●2200K ●2700K ●3000K ●3500K ●4000K ○5000K ○6000K
CRI	>90
Lumen	1190LM/M

Feature

- Made by self-encapsulated 5050 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>90
- Copper Foil: 2OZ(Optional 3OZ/4OZ)
- Customized design is available

Multicolor

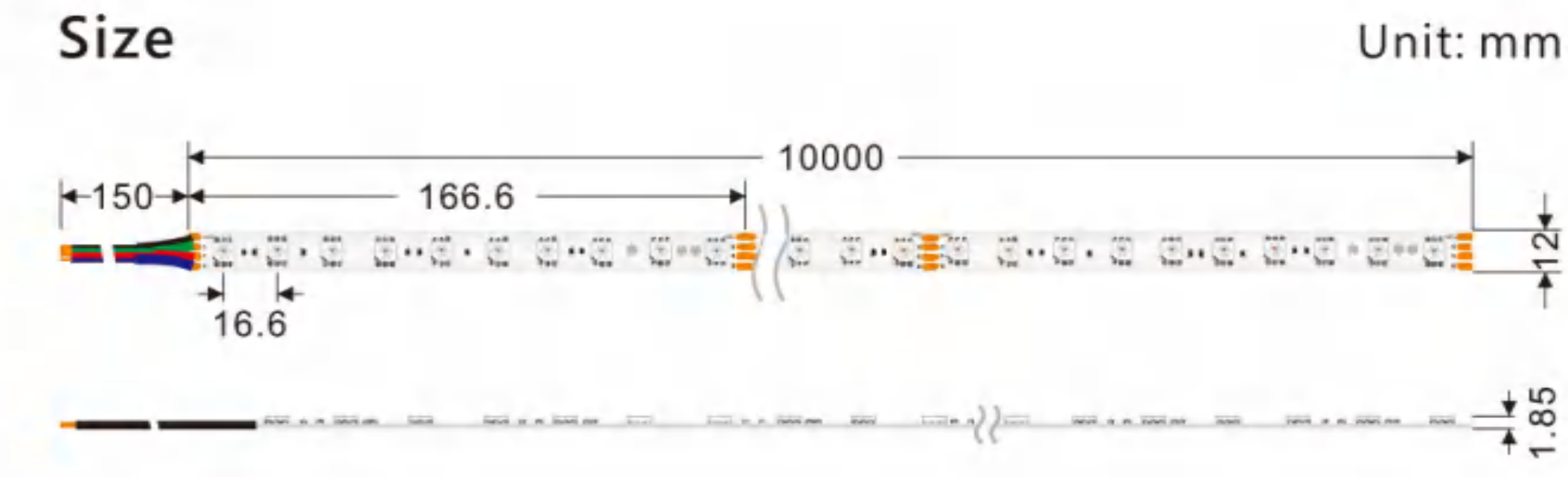


Application renderings



Multicolor

TQ-48V-5050-60D-12MM-RGB



Basic Parameters

SMD Type	5050 SMD
LED Qty	60LEDs/M
Cutting Unit	10LEDs/16.6MM
PCB Width	12MM
Copper Foil	30Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

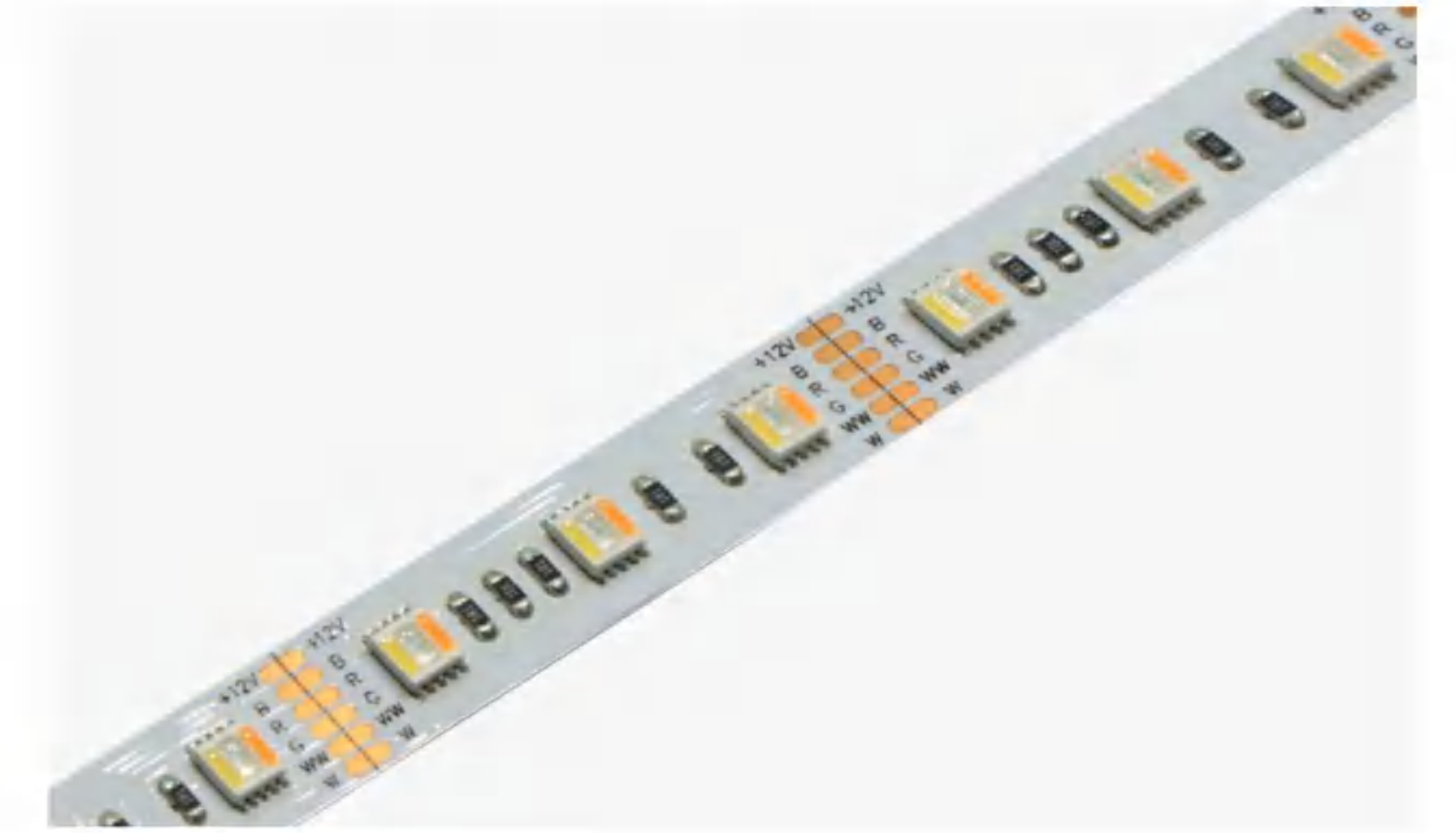
Input Voltage	48V
Input Current	0.2A/1M 2A/10M
Typ. Power	10W/M
Max. Power	11W/M

Optical Parameter

Color Temp.	
CRI	/
Lumen	/

Feature

- Made by 5050RGB Top LEDs as light source
- Integrated 3 colors in LED, achieve smooth and colorful RGB mixing effect with RGB controller
- Cost effective, entry level version with affordable price and reliable quality
- Widely used for decorative lighting, windows display lighting, automotive interior lighting etc
- Copper Foil: 3OZ(Optional 2OZ/4OZ)
- Customized design is available

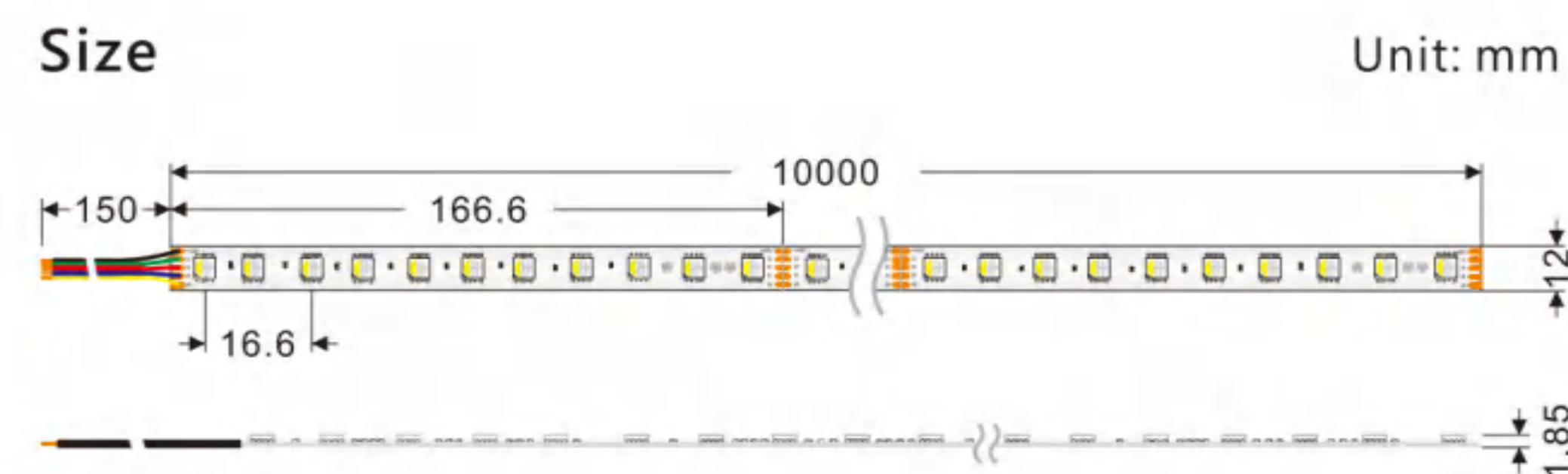


Application renderings



Multicolor

TQ-48V-5050-60D-12MM-RGBW

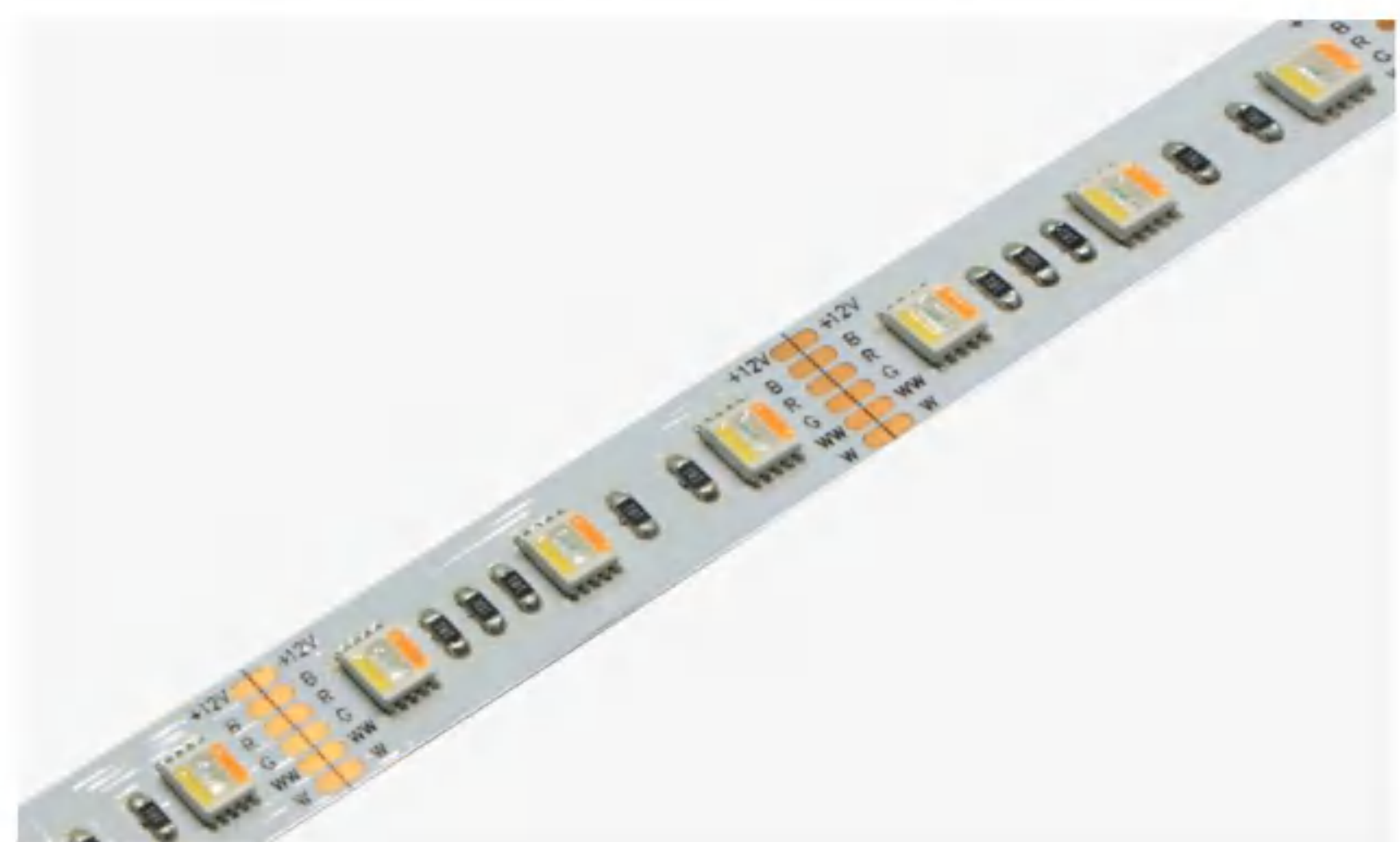


Basic Parameters	
SMD Type	5050 SMD
LED Qty	60LEDs/M
Cutting Unit	10LEDs/16.6MM
PCB Width	12MM
Copper Foil	30Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	48V
Input Current	0.31A/1M 3A/10M
Typ. Power	15W/M
Max. Power	16.5W/M

Optical Parameter	
Color Temp.	
CRI	>90
Lumen	/

- Feature**
- Made by 5050RGB Top LEDs as light source
 - Integrated 3 colors in LED, achieve smooth and colorful RGB mixing effect with RGB controller
 - Cost effective, entry level version with affordable price and reliable quality
 - Widely used for decorative lighting, windows display lighting, automotive interior lighting etc
 - Copper Foil: 30Z(Optional 20Z/40Z)
 - Customized design is available

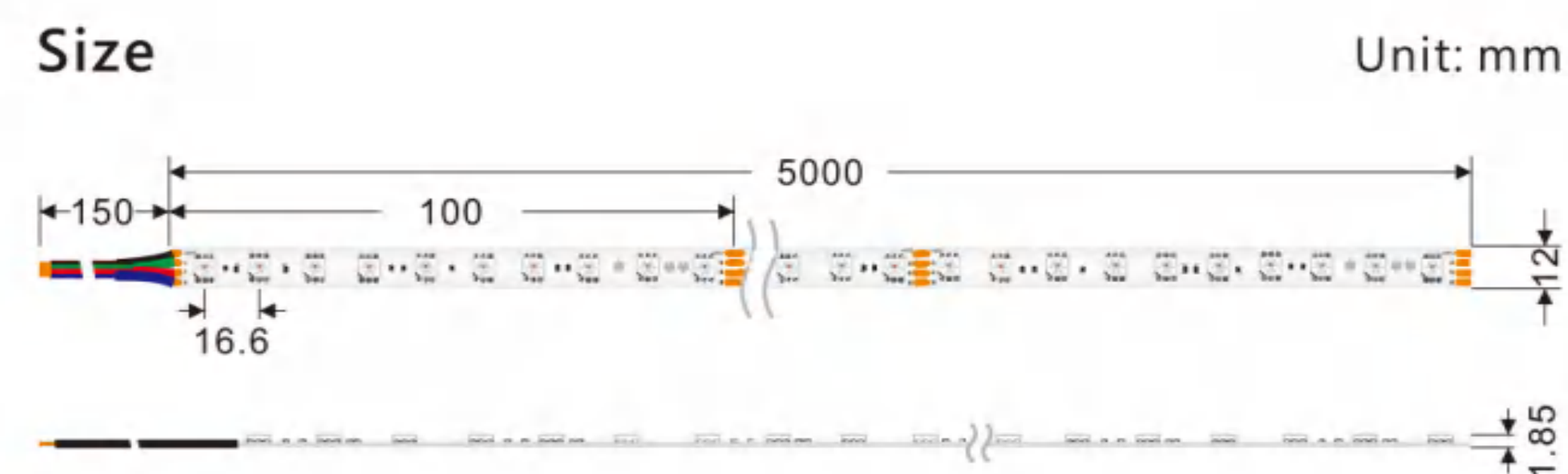


Application renderings



Multicolor

TQ-24V-5050-60D-12MM-RGBW



Basic Parameters	
SMD Type	5050 SMD
LED Qty	60LEDs/M
Cutting Unit	6LEDs/100MM
PCB Width	12MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

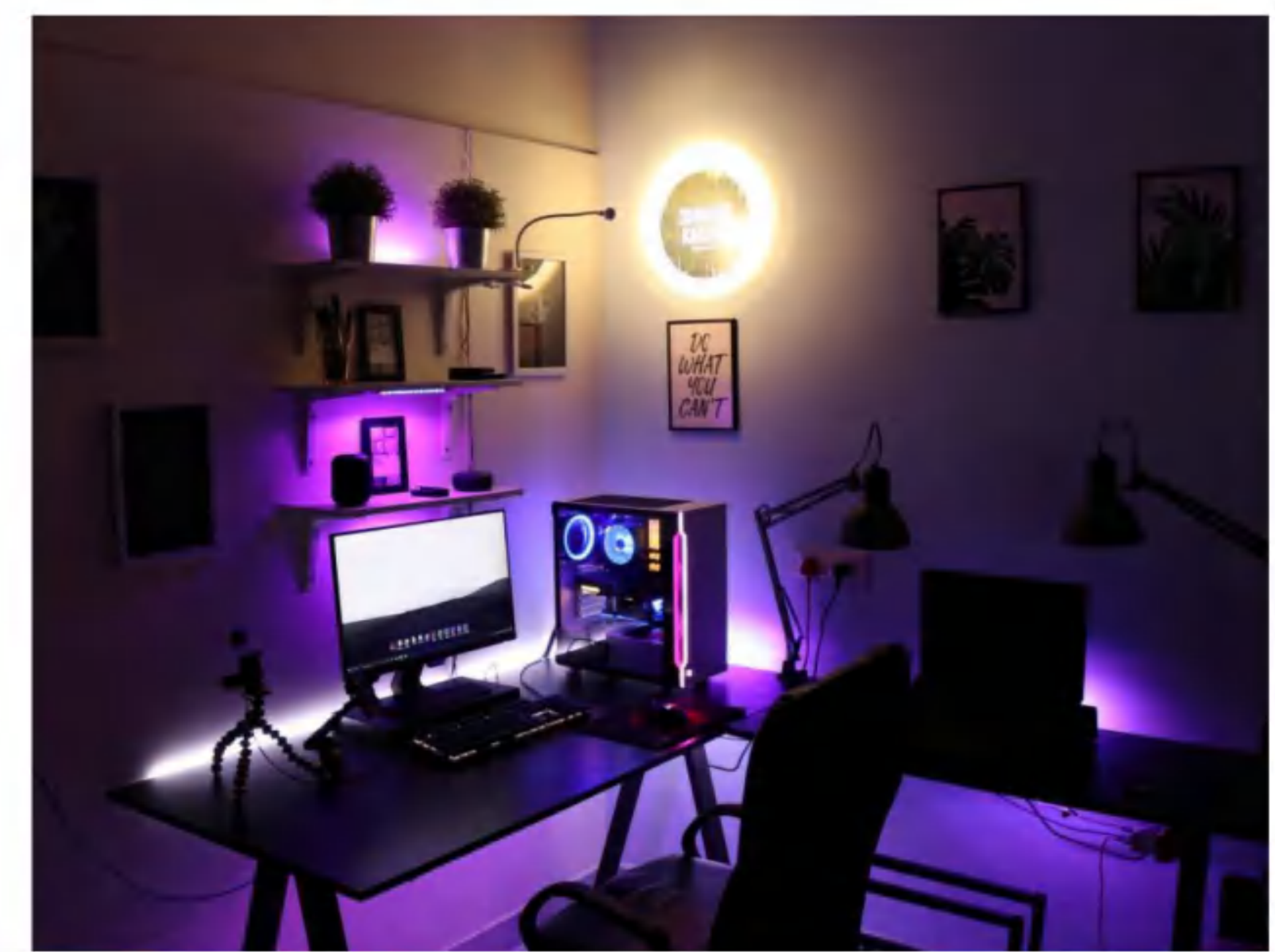
Electrical Parameter	
Input Voltage	24V
Input Current	0.75A/1M 3.75A/5M
Typ. Power	18W/M
Max. Power	19.8W/M

Optical Parameter	
Color Temp.	
CRI	>90
Lumen	/

- Feature**
- Made by 5050RGB Top LEDs as light source
 - Integrated 3 colors in LED, achieve smooth and colorful RGB mixing effect with RGB controller
 - Cost effective, entry level version with affordable price and reliable quality
 - Widely used for decorative lighting, windows display lighting, automotive interior lighting etc
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

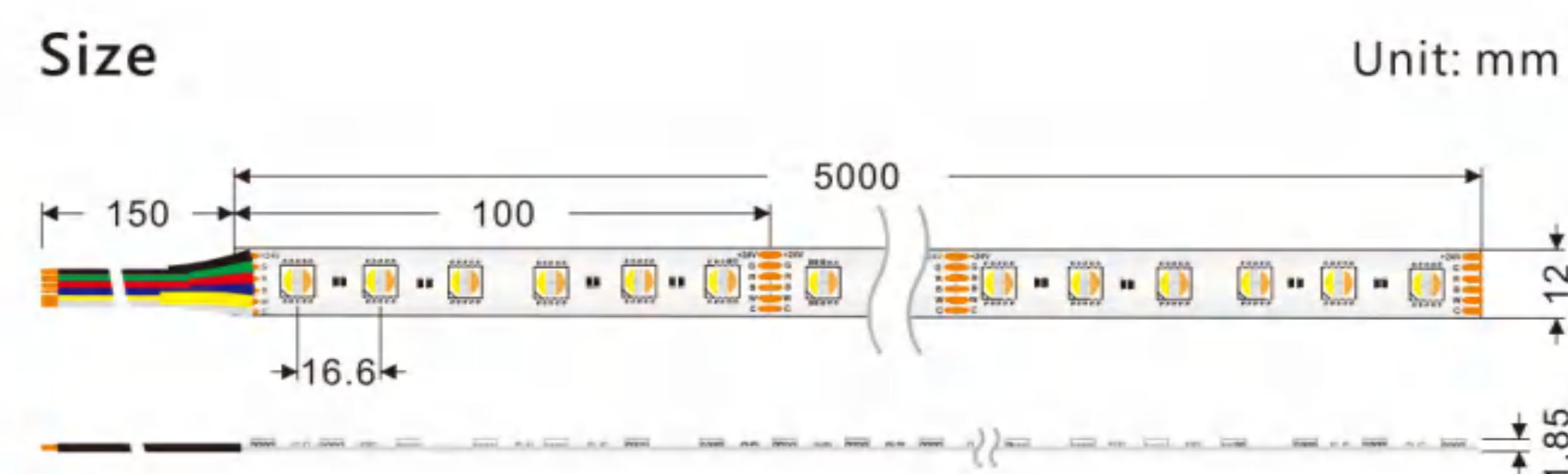


Application renderings



Multicolor

TQ-24V-5050-60D-12MM-RGBCW



Basic Parameters	
SMD Type	5050 SMD
LED Qty	60LEDs/M
Cutting Unit	6LEDs/100MM
PCB Width	12MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.75A/1M 3.75A/5M
Typ. Power	18W/M
Max. Power	19.8W/M

Optical Parameter	
Color Temp.	
CRI	>90
Lumen	/

- Feature**
- Made by 5050RGB Top LEDs as light source
 - Integrated 3 colors in LED, achieve smooth and colorful RGB mixing effect with RGB controller
 - Cost effective, entry level version with affordable price and reliable quality
 - Widely used for decorative lighting, windows display lighting, automotive interior lighting etc
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

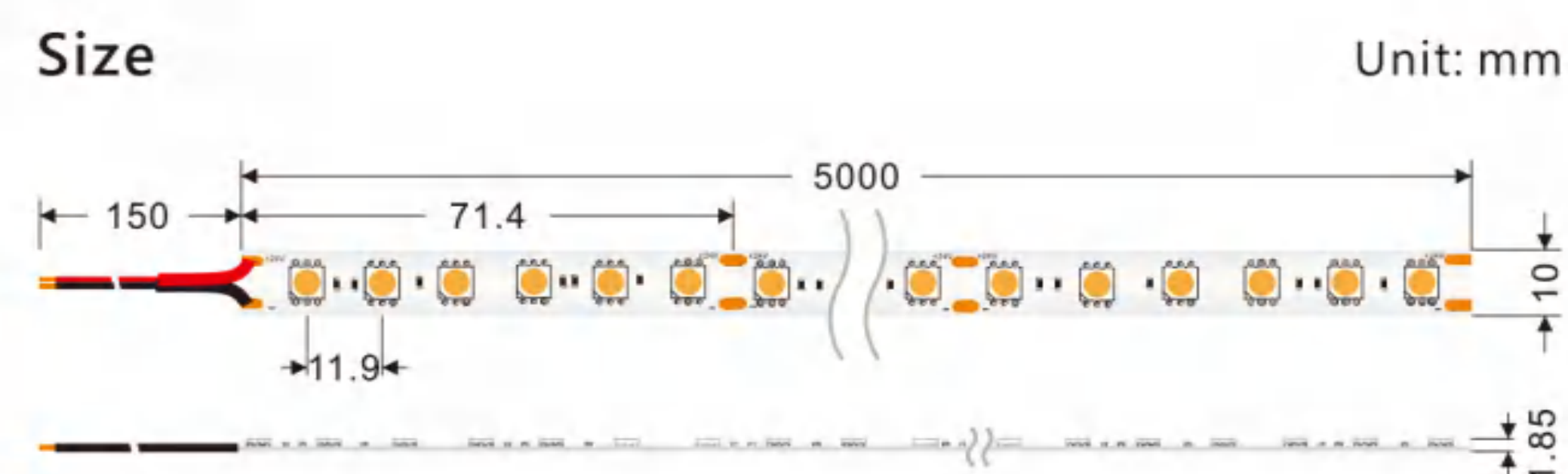


Application renderings



Multicolor

TQ-24V-5050-84D-10MM-RGB



Basic Parameters	
SMD Type	5050 SMD
LED Qty	84LEDs/M
Cutting Unit	6LEDs/71.4MM
PCB Width	10MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

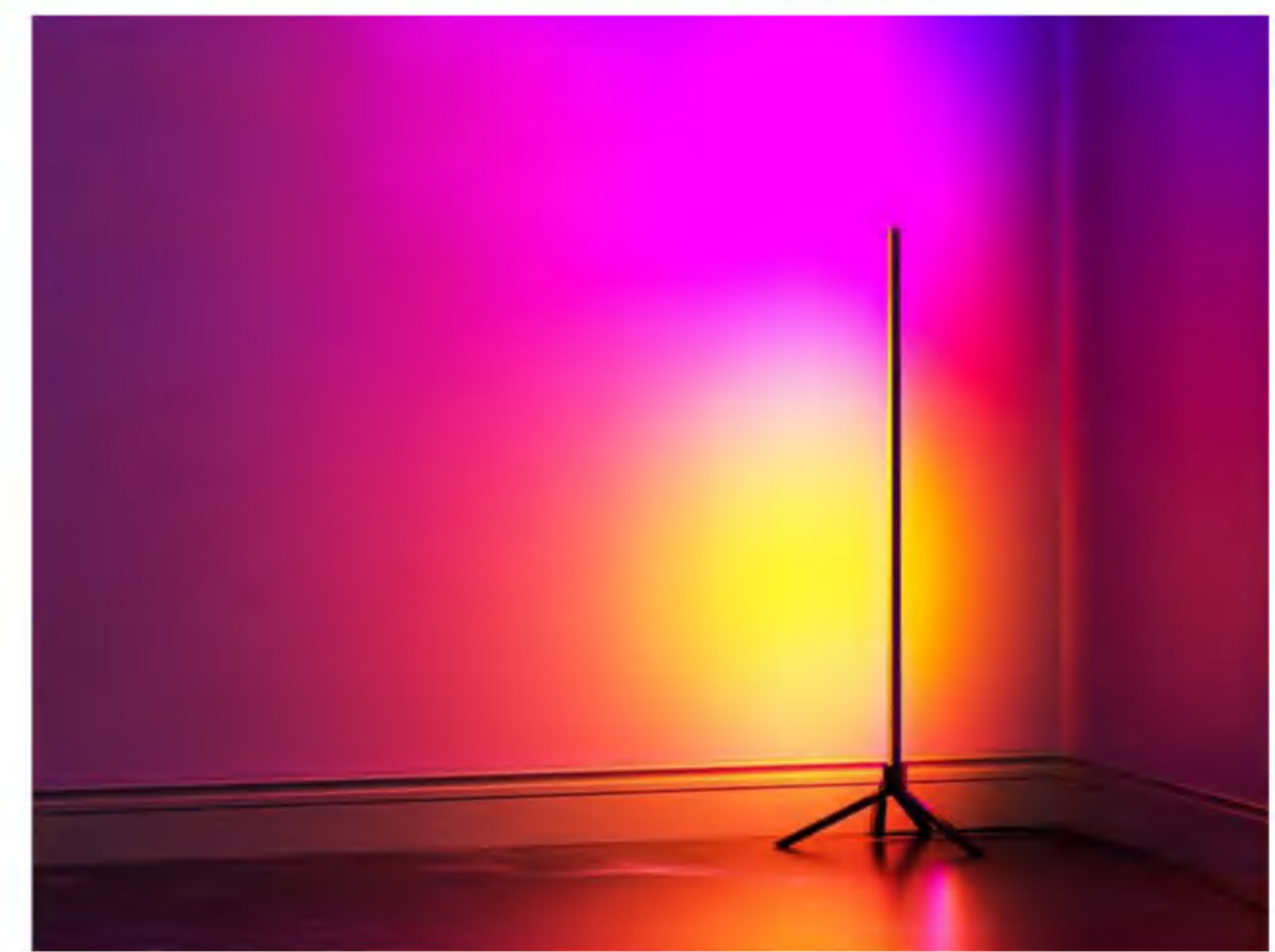
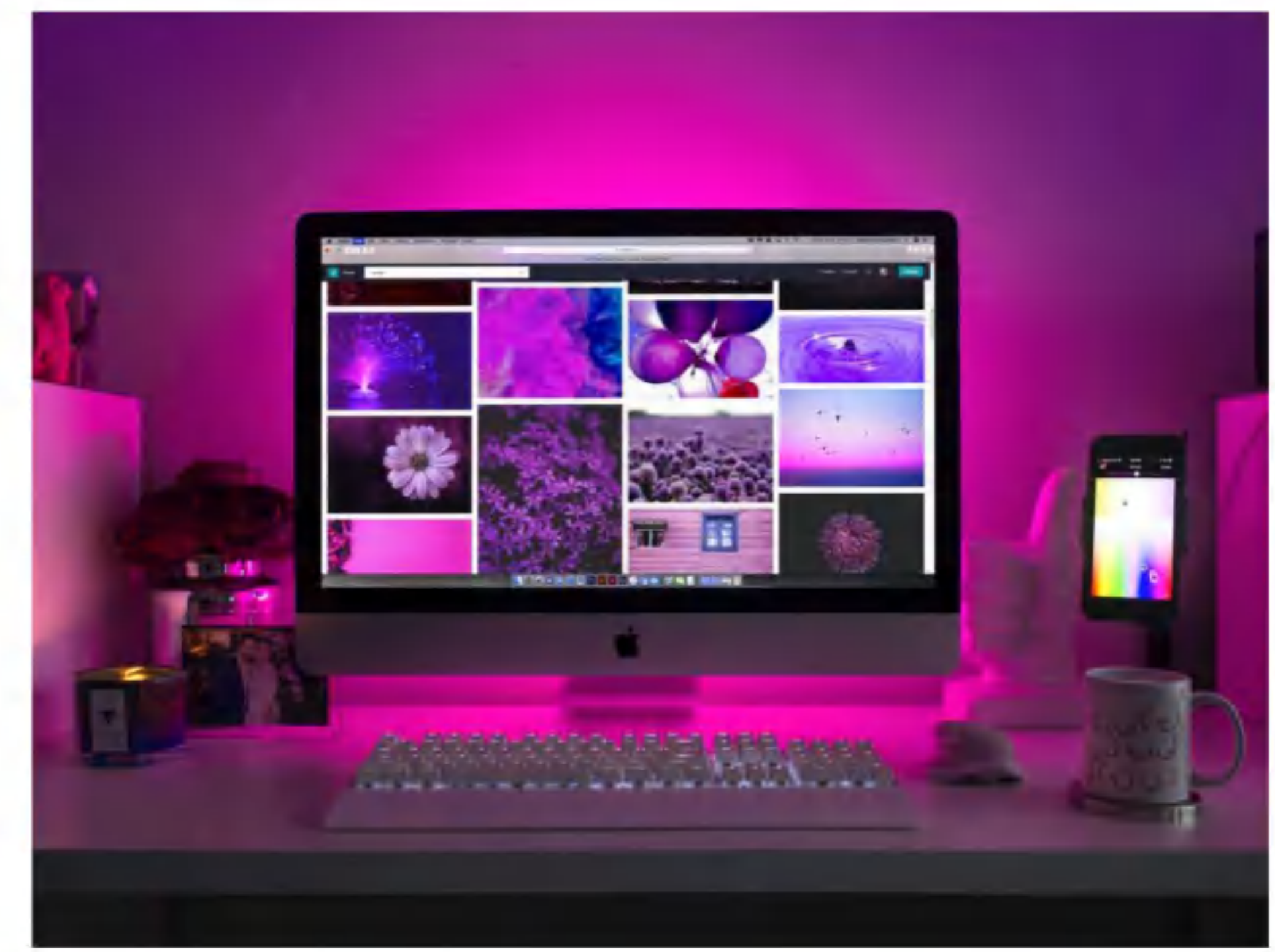
Electrical Parameter	
Input Voltage	24V
Input Current	0.67A/1M 3.33A/5M
Typ. Power	16W/M
Max. Power	17.6W/M

Optical Parameter	
Color Temp.	
CRI	/
Lumen	/

- Feature**
- Made by 5050RGB Top LEDs as light source
 - Integrated 3 colors in LED, achieve smooth and colorful RGB mixing effect with RGB controller
 - Cost effective, entry level version with affordable price and reliable quality
 - Widely used for decorative lighting, windows display lighting, automotive interior lighting etc
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

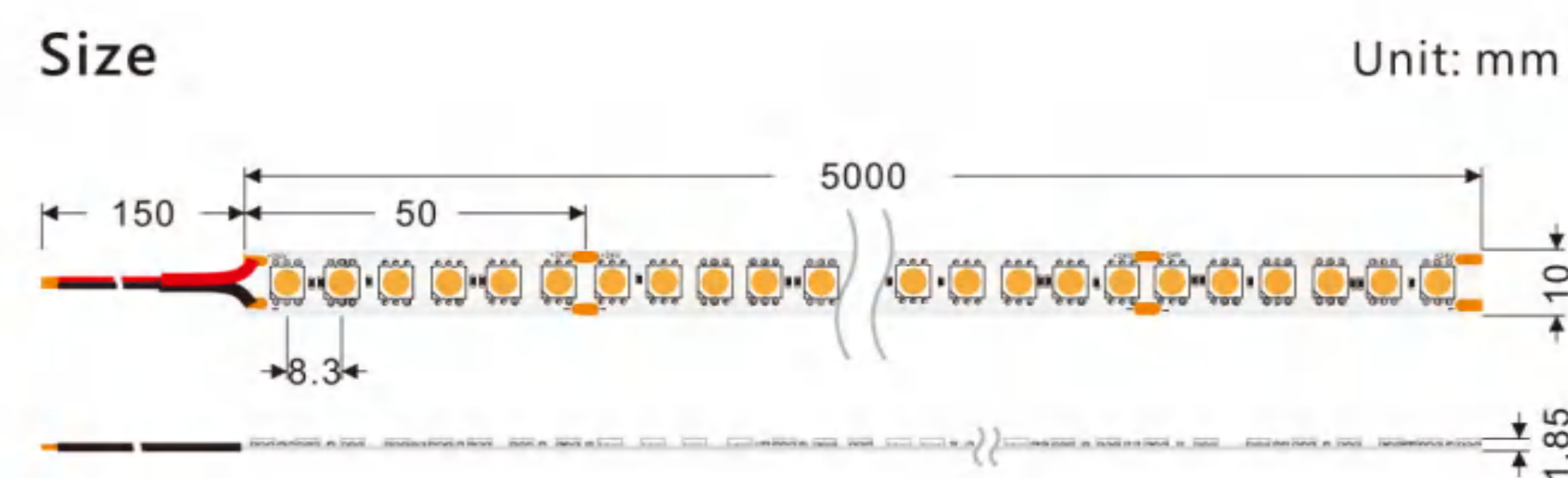


Application renderings



Multicolor

TQ-24V-5050-120D-10MM



Application renderings



Basic Parameters

SMD Type	5050 SMD
LED Qty	120LEDs/M
Cutting Unit	6LEDs/50MM
PCB Width	10MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	24V
Input Current	0.7A/1M 2.5A/5M
Typ. Power	17W/M
Max. Power	18.7W/M

Optical Parameter

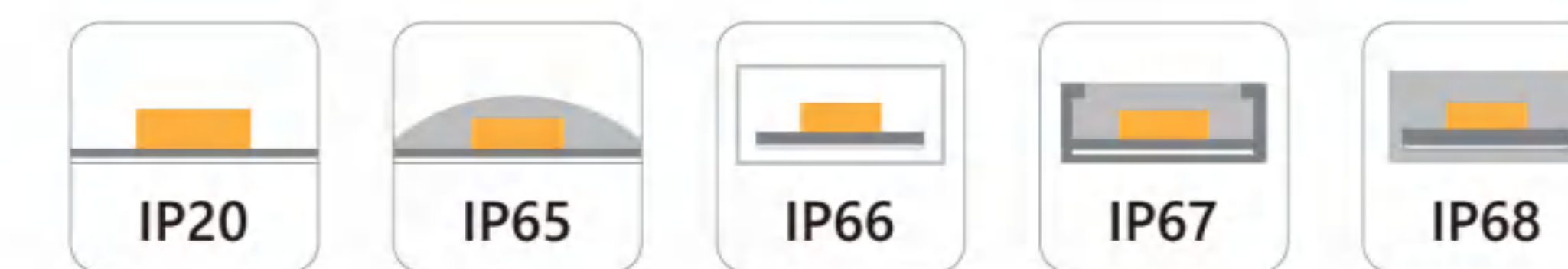
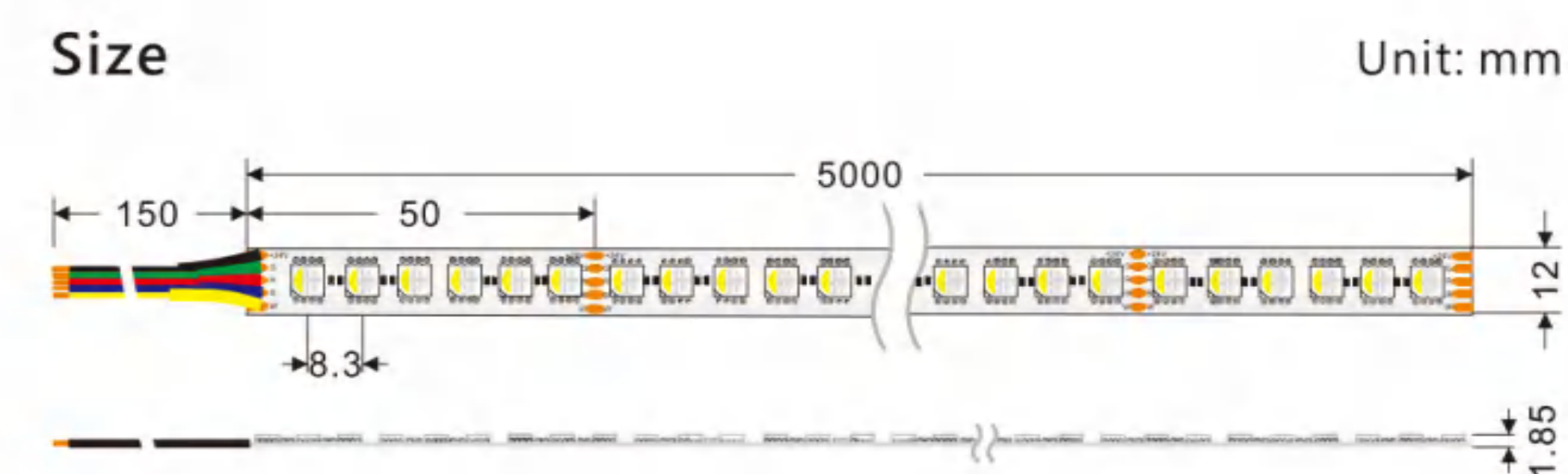
Color Temp.	1800K 2200K 2700K 3000K 3500K 4000K 5000K 6000K
CRI	>90
Lumen	1496LM/M

Feature

- Made by self-encapsulated 5050 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- CRI>90
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available

Multicolor

TQ-24V-5050-120D-12MM-RGBW



Application renderings



Basic Parameters

SMD Type	5050 SMD
LED Qty	120LEDs/M
Cutting Unit	6LEDs/50MM
PCB Width	12MM
Copper Foil	30Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	24V
Input Current	0.83A/1M 4.2A/5M
Typ. Power	20W/M
Max. Power	22W/M

Optical Parameter

Color Temp.	RGBW
CRI	/
Lumen	/

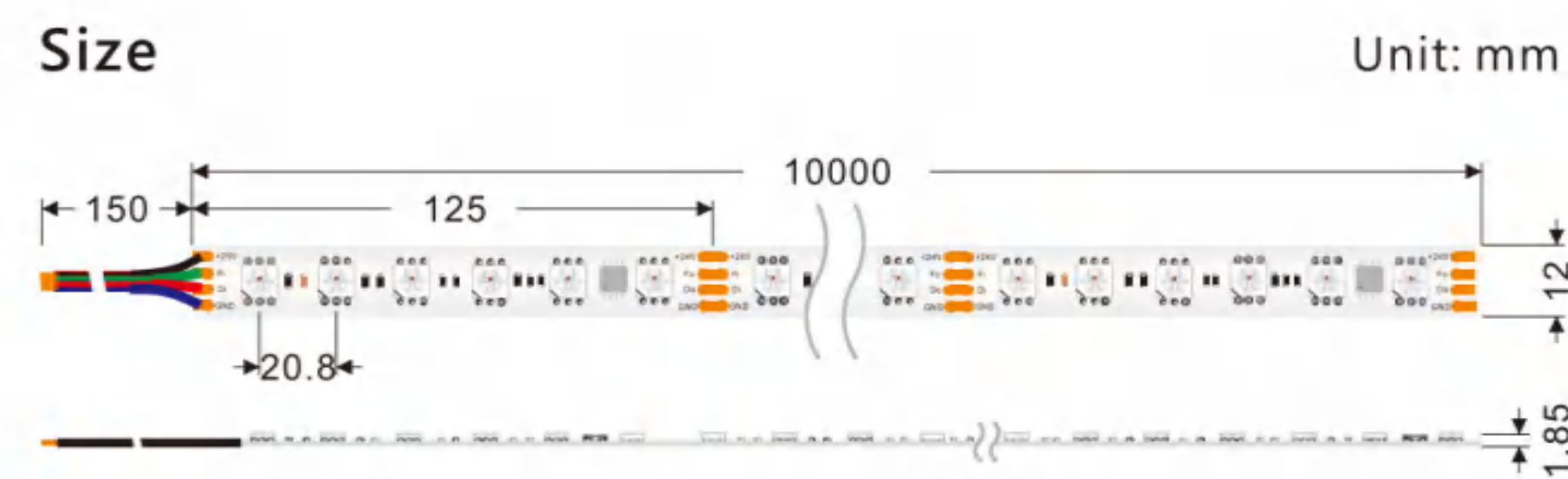
Feature

- Made by self-encapsulated 5050 Top LEDs with 99.99% pure gold wire
- High efficiency
- Long lifetime of LED up to 54,000 hours
- Copper Foil: 30Z(Optional 20Z/40Z)
- Customized design is available

SMD 5050 SPI/DMX Series Strip Light

Multicolor

TQ-24V-5050-48D-12MM-SPI



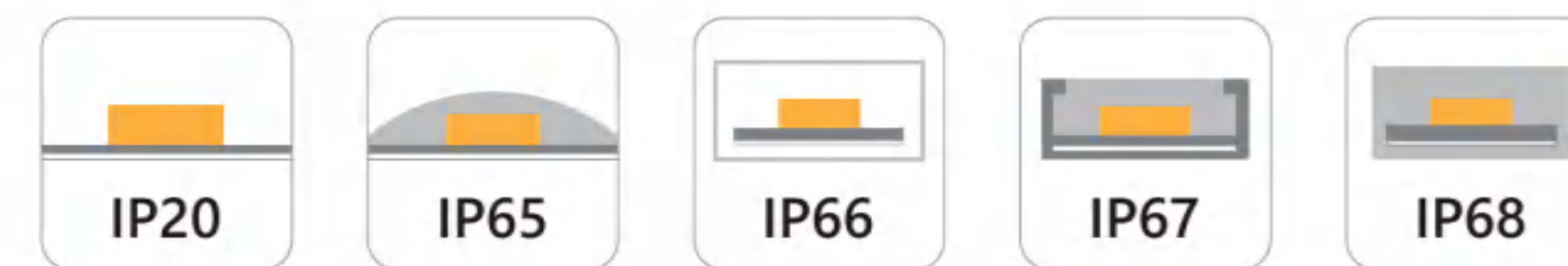
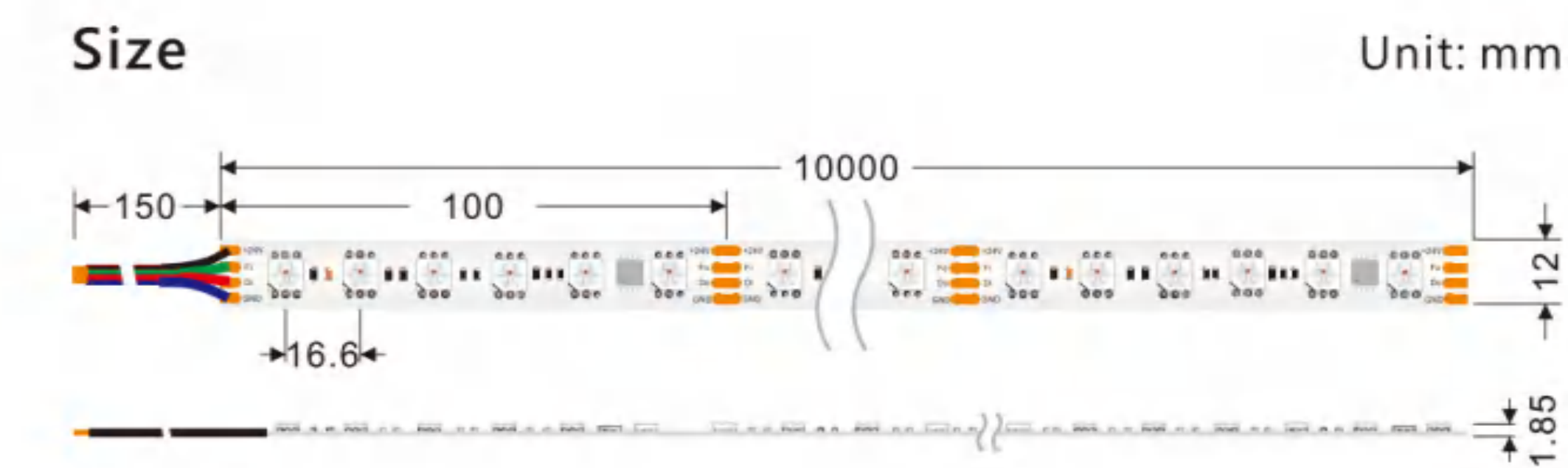
Basic Parameters	
SMD Type	5050 SMD
LED Qty	48LEDs/M
Cutting Unit	6LEDs/12.5MM
PCB Width	12MM
Copper Foil	30Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.41A/1M 2.1A/5M
Typ. Power	10W/M
Max. Power	11W/M

Optical Parameter	
Color Temp.	
CRI	/
Lumen	/

- Feature**
- Made by 5050RGB Top LEDs as light source
 - Integrated 3 colors in LED, achieve smooth and colorful RGB mixing effect with RGB controller
 - Cost effective, entry level version with affordable price and reliable quality
 - Widely used for decorative lighting, windows display lighting, automotive interior lighting etc
 - Copper Foil: 30Z(Optional 20Z/40Z)
 - Customized design is available

TQ-24V-5050-60D-12MM-SPI



Basic Parameters	
SMD Type	5050 SMD
LED Qty	60LEDs/M
Cutting Unit	6LEDs/10MM
PCB Width	12MM
Copper Foil	30Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.58A/1M 2.91A/5M
Typ. Power	14W/M
Max. Power	15.4W/M

Optical Parameter	
Color Temp.	
CRI	/
Lumen	/

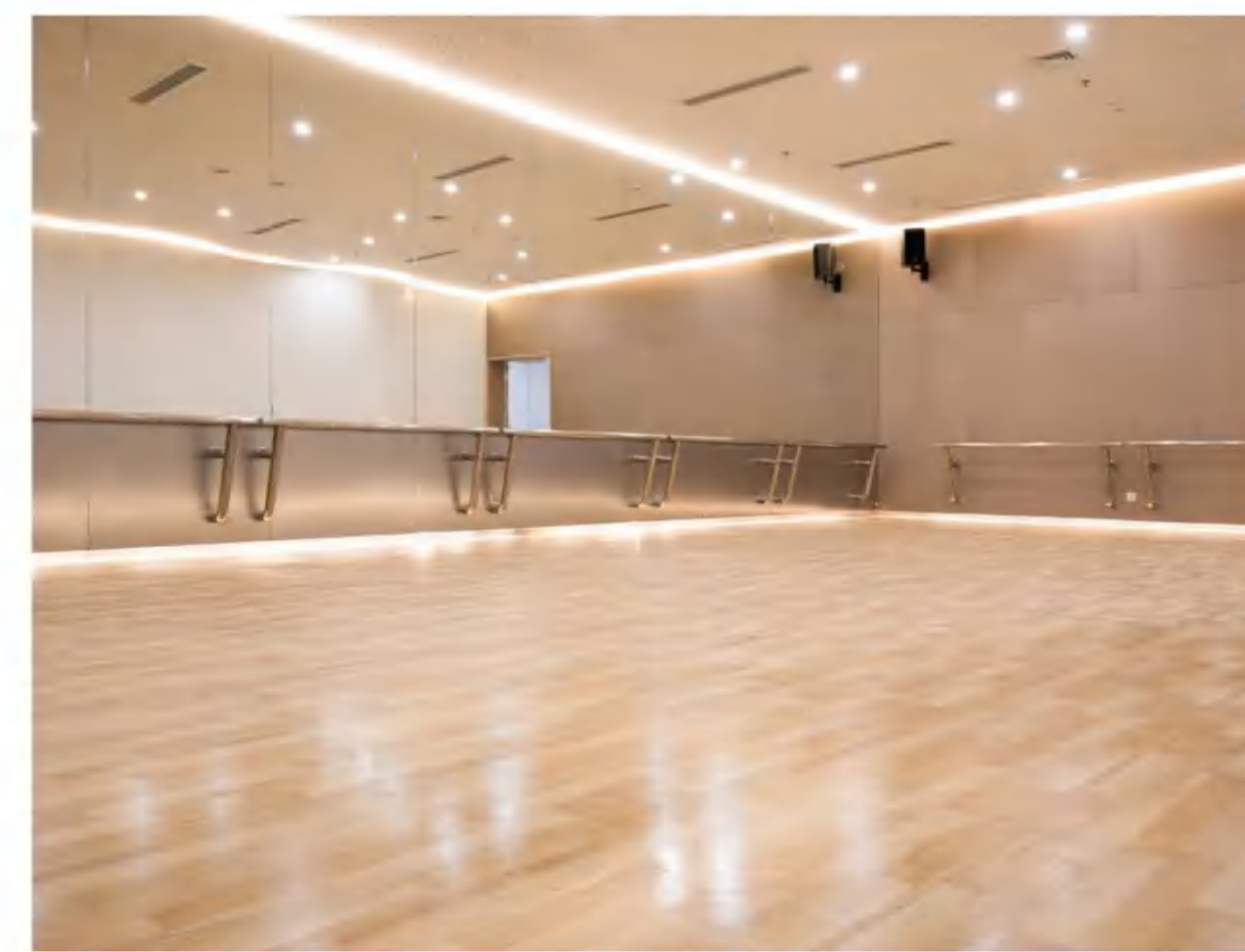
- Feature**
- Made by 5050RGB Top LEDs as light source
 - Integrated 3 colors in LED, achieve smooth and colorful RGB mixing effect with RGB controller
 - Cost effective, entry level version with affordable price and reliable quality
 - Widely used for decorative lighting, windows display lighting, automotive interior lighting etc
 - Copper Foil: 30Z(Optional 20Z/40Z)
 - Customized design is available

Multicolor

Application renderings

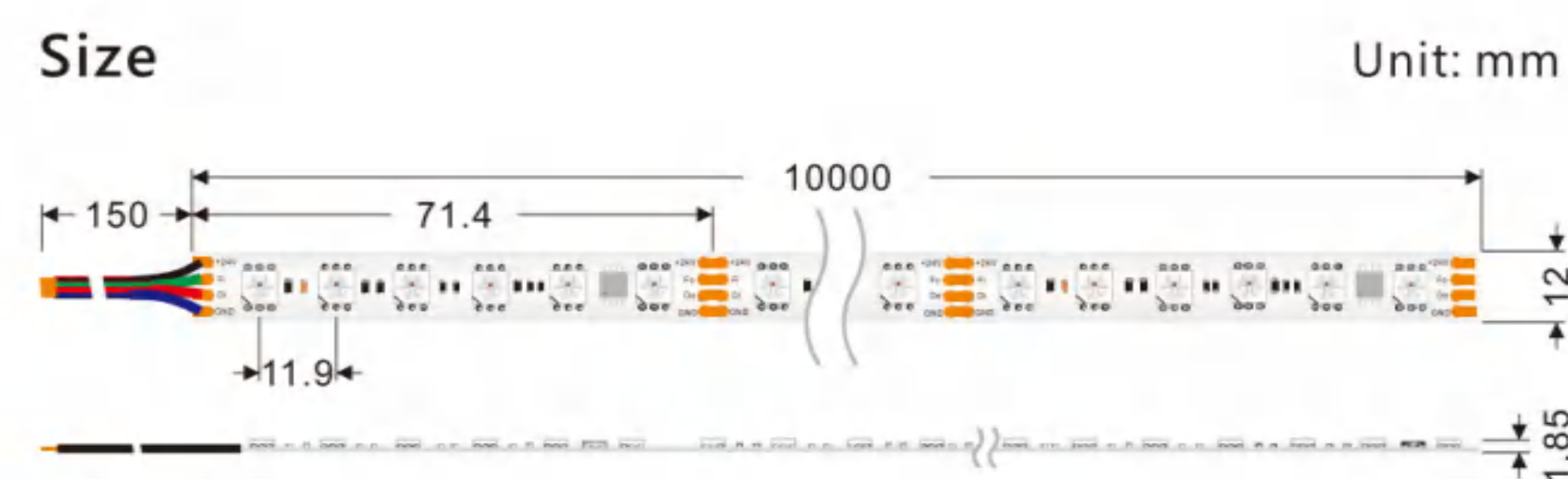


Application renderings



Multicolor

TQ-24V-5050-84D-12MM-SPI



Basic Parameters	
SMD Type	5050 SMD
LED Qty	84LEDs/M
Cutting Unit	6LEDs/71.4MM
PCB Width	12MM
Copper Foil	30Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

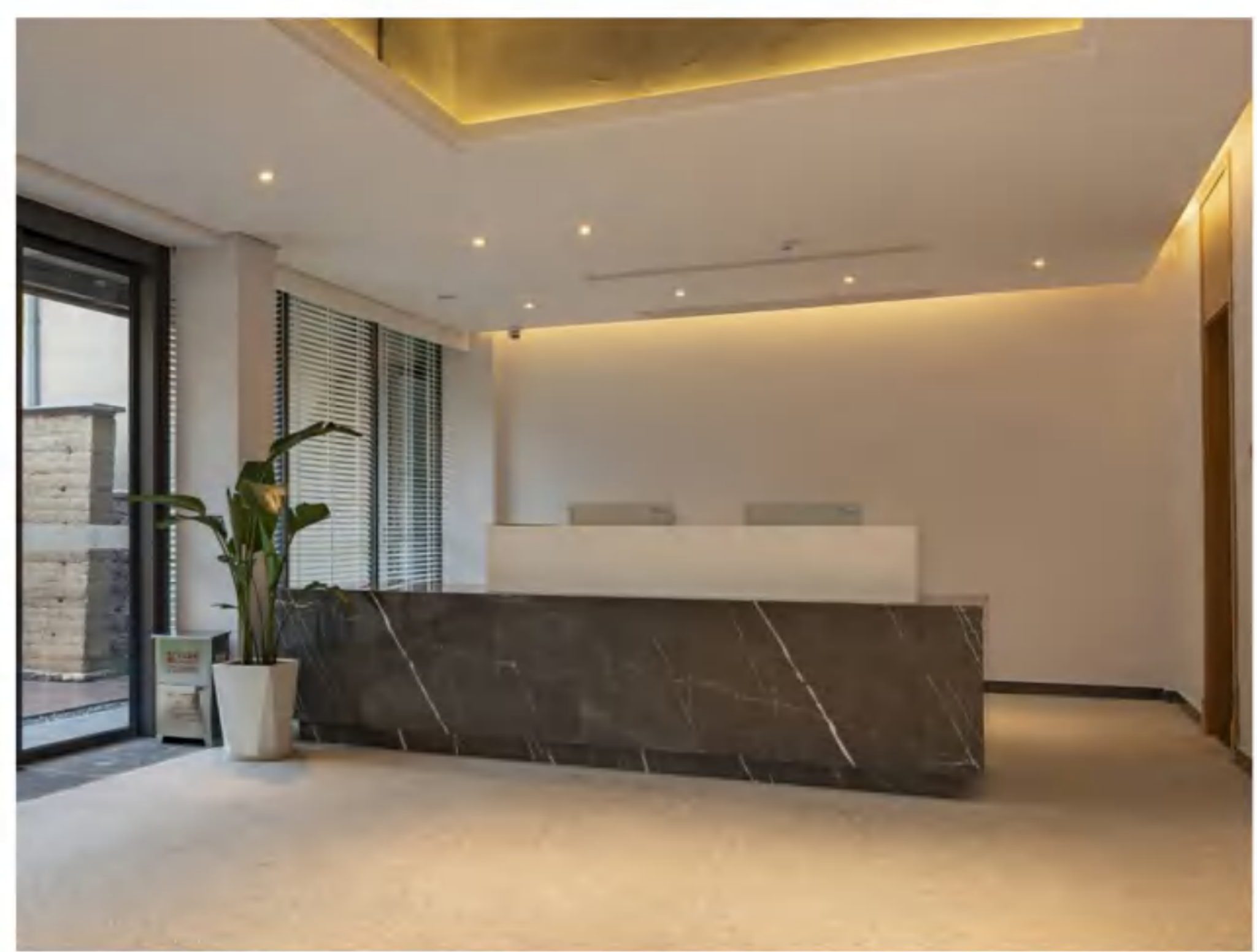
Electrical Parameter	
Input Voltage	24V
Input Current	0.58A/1M 2.91A/5M
Typ. Power	18W/M
Max. Power	19.8W/M

Optical Parameter	
Color Temp.	
CRI	/
Lumen	/

- Feature**
- Made by 5050RGB Top LEDs as light source
 - Integrated 3 colors in LED, achieve smooth and colorful RGB mixing effect with RGB controller
 - Cost effective, entry level version with affordable price and reliable quality
 - Widely used for decorative lighting, windows display lighting, automotive interior lighting etc
 - Copper Foil: 30Z(Optional 20Z/40Z)
 - Customized design is available

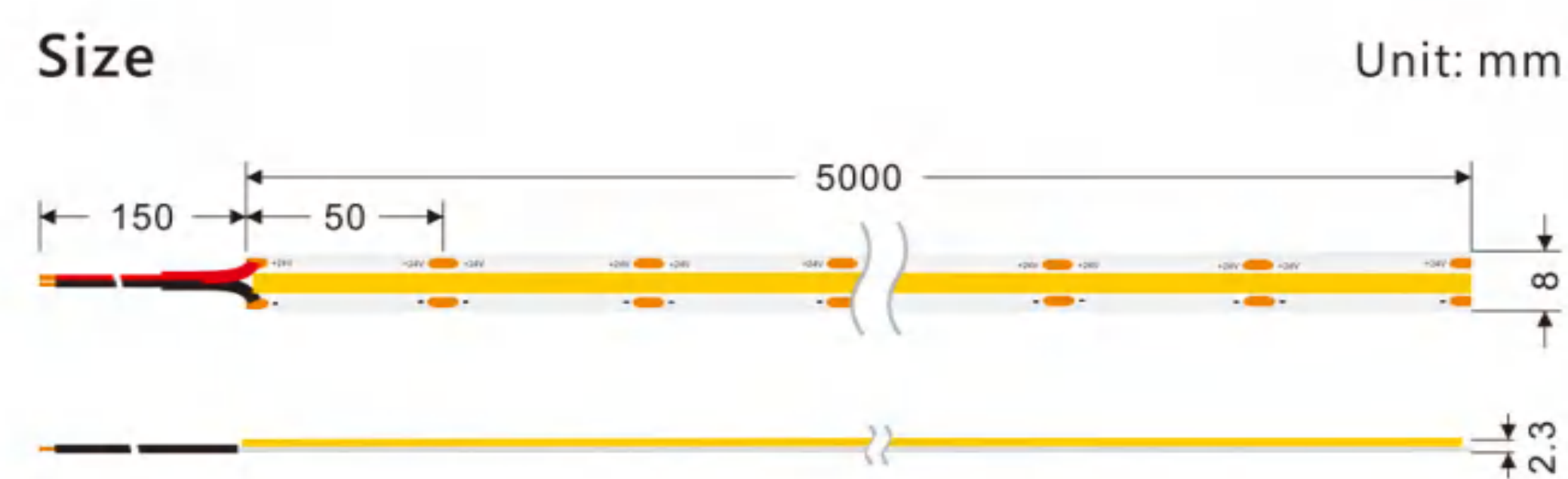


Application renderings



COB Series Strip Light

TQ-24V-COB-320D-8MM



Basic Parameters	
SMD Type	COB
LED Qty	320LEDs/M
Cutting Unit	50MM
PCB Width	8MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.33A/1M 1.67A/5M
Typ. Power	8W/M
Max. Power	8.8W/M

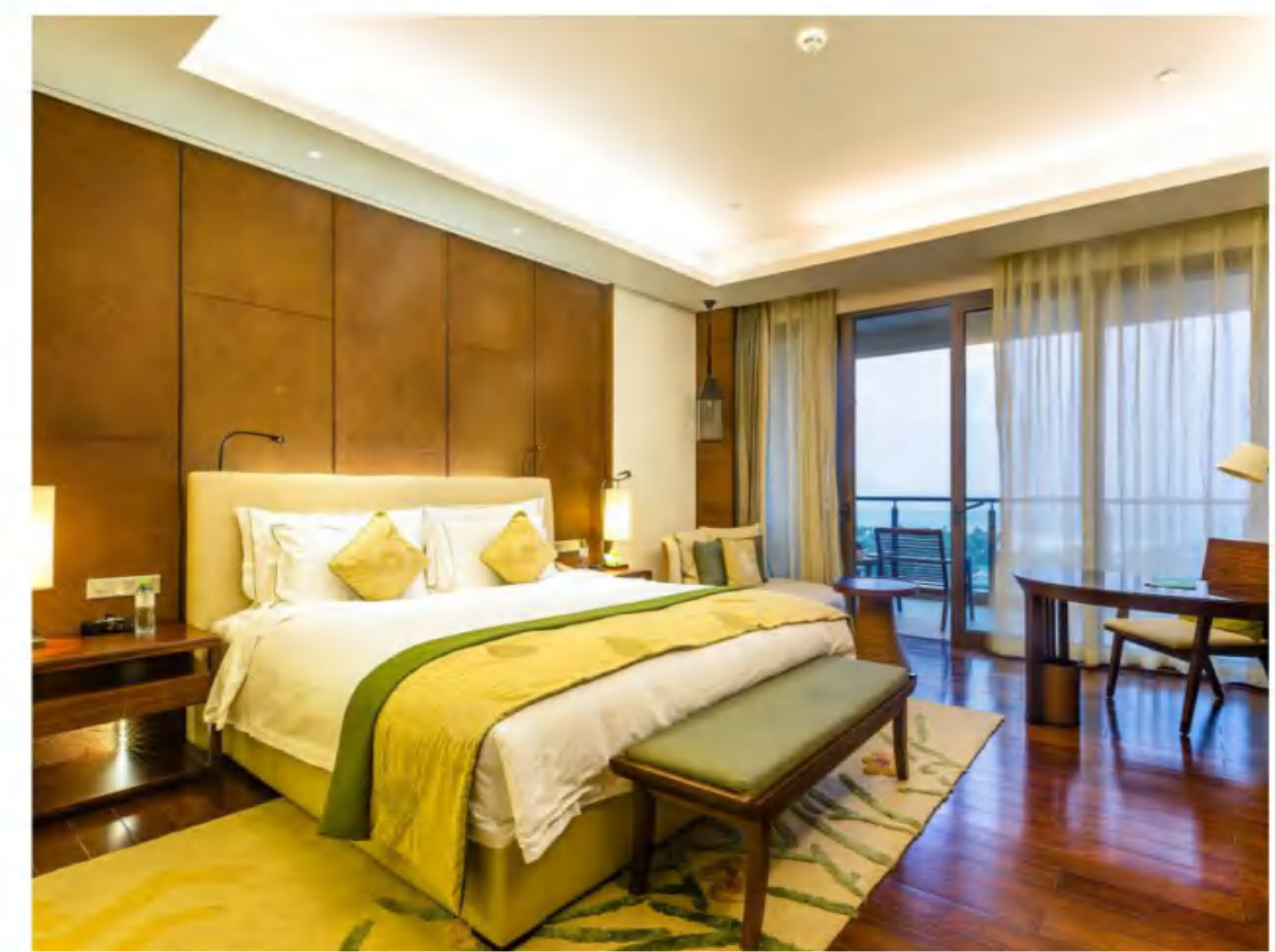
Optical Parameter	
Color Temp.	2700K 3000K 4000K 6000K
CRI	>90
Lumen	800LM/M

- Feature**
- Perfect uniform illumination, soft and confirmation light without dot spot
 - High efficiency
 - Color consistency with 3-step MacAdam
 - 140°beam angle and high CRI>90
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

Multicolor

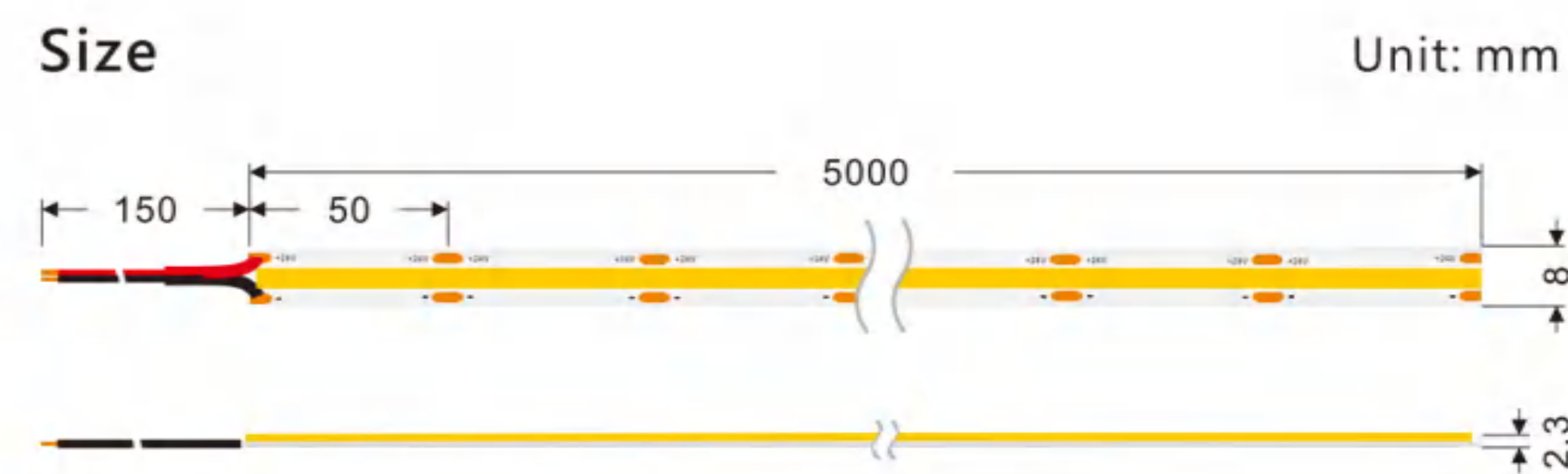


Application renderings



Multicolor

TQ-24V-COB-480D-8MM



Basic Parameters	
SMD Type	COB
LED Qty	480LEDs/M
Cutting Unit	50MM
PCB Width	8MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.416A/1M 2.1A/5M
Typ. Power	10W/M
Max. Power	11W/M

Optical Parameter	
Color Temp.	●2700K ●3000K ●4000K ○6000K
CRI	>90
Lumen	1000LM/M

- Feature**
- Perfect uniform illumination, soft and confirmation light without dot spot
 - High efficiency
 - Color consistency with 3-step MacAdam
 - 140°beam angle and high CRI>90
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

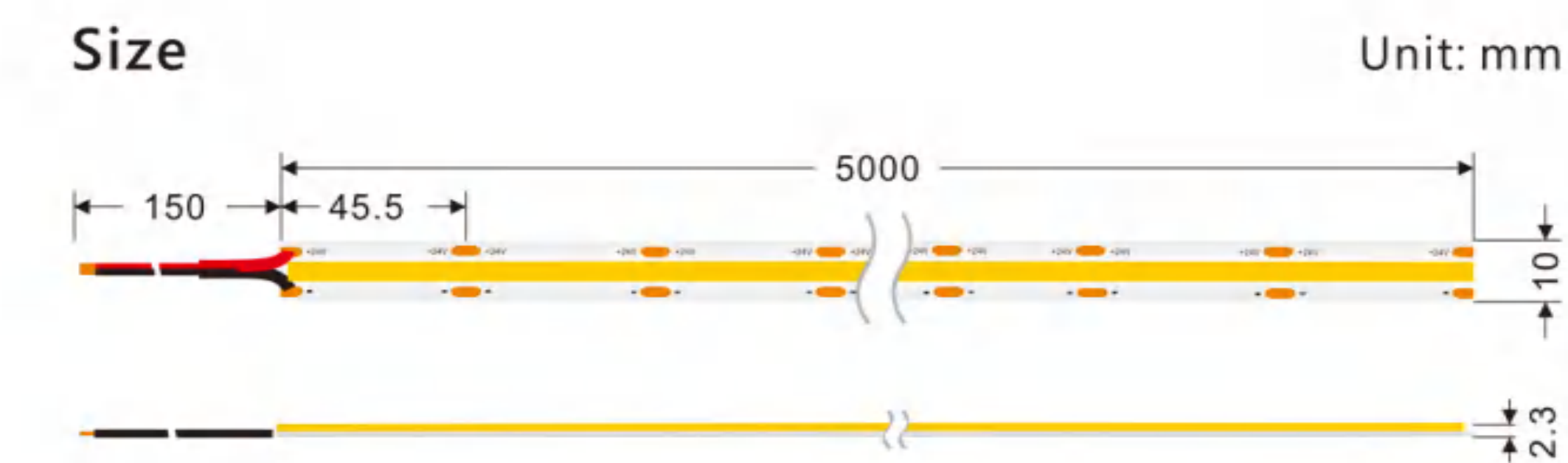


Application renderings



Multicolor

TQ-24V-COB-528D-10MM



Basic Parameters	
SMD Type	COB
LED Qty	528LEDs/M
Cutting Unit	45.45MM
PCB Width	10MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.625A/1M 3.125A/5M
Typ. Power	15W/M
Max. Power	16.5W/M

Optical Parameter	
Color Temp.	●2700K ●3000K ●4000K ○6000K
CRI	>90
Lumen	1500LM/M

- Feature**
- Perfect uniform illumination, soft and confirmation light without dot spot
 - High efficiency
 - Color consistency with 3-step MacAdam
 - 140°beam angle and high CRI>90
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

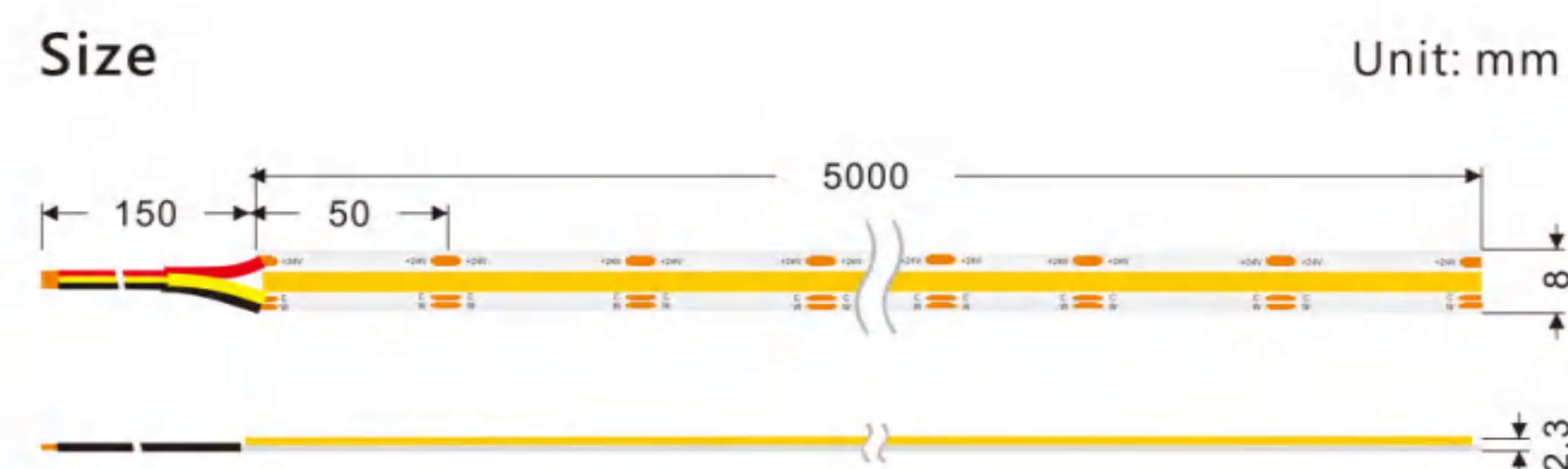


Application renderings

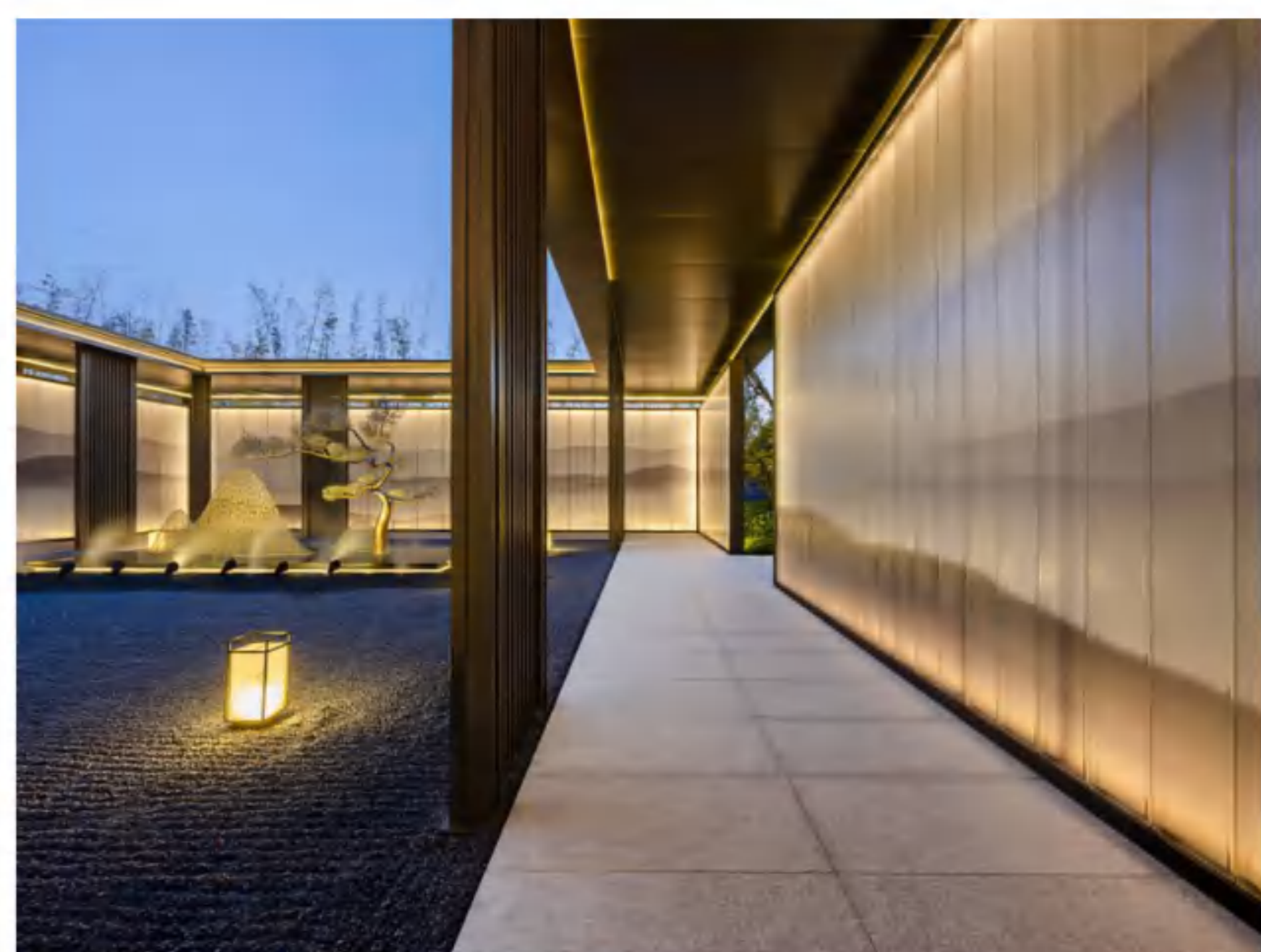


Multicolor

TQ-24V-COB-640D-10MM-CCT



Application renderings



Basic Parameters

SMD Type	COB
LED Qty	640LEDs/M
Cutting Unit	50MM
PCB Width	10MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	24V
Input Current	0.625A/1M 3.125A/5M
Typ. Power	15W/M
Max. Power	16.5W/M

Optical Parameter

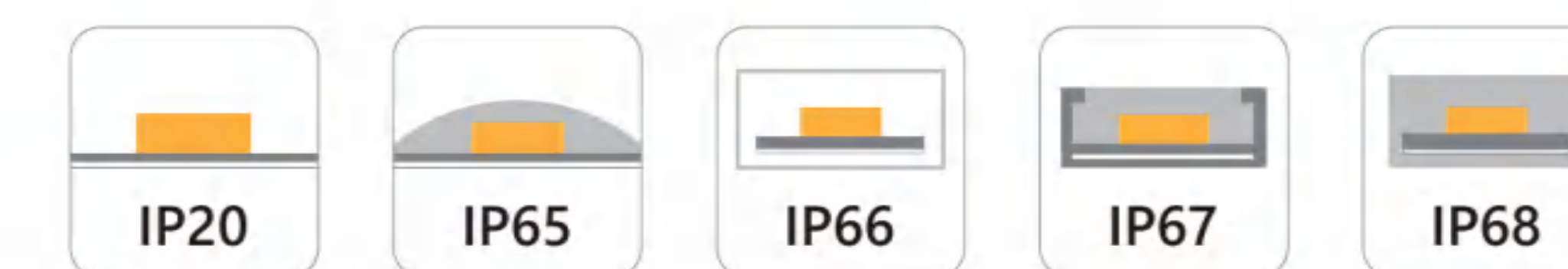
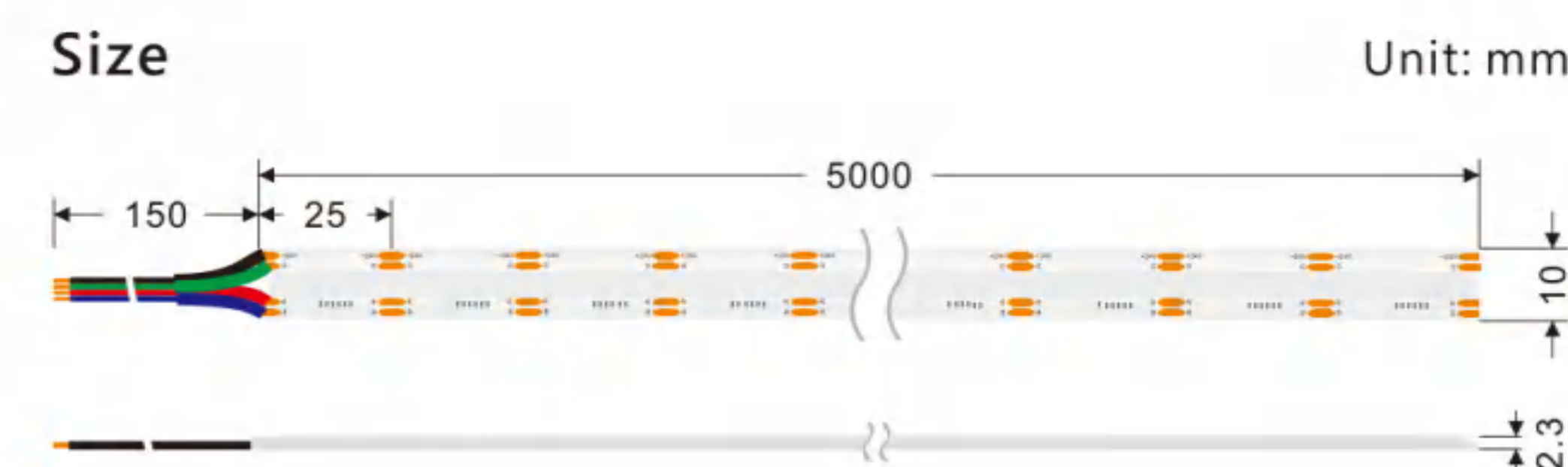
Color Temp.	● 3000K ← ○ 6000K ● 2400K ← ○ 6000K
CRI	>90
Lumen	1200-1725LM/M

Feature

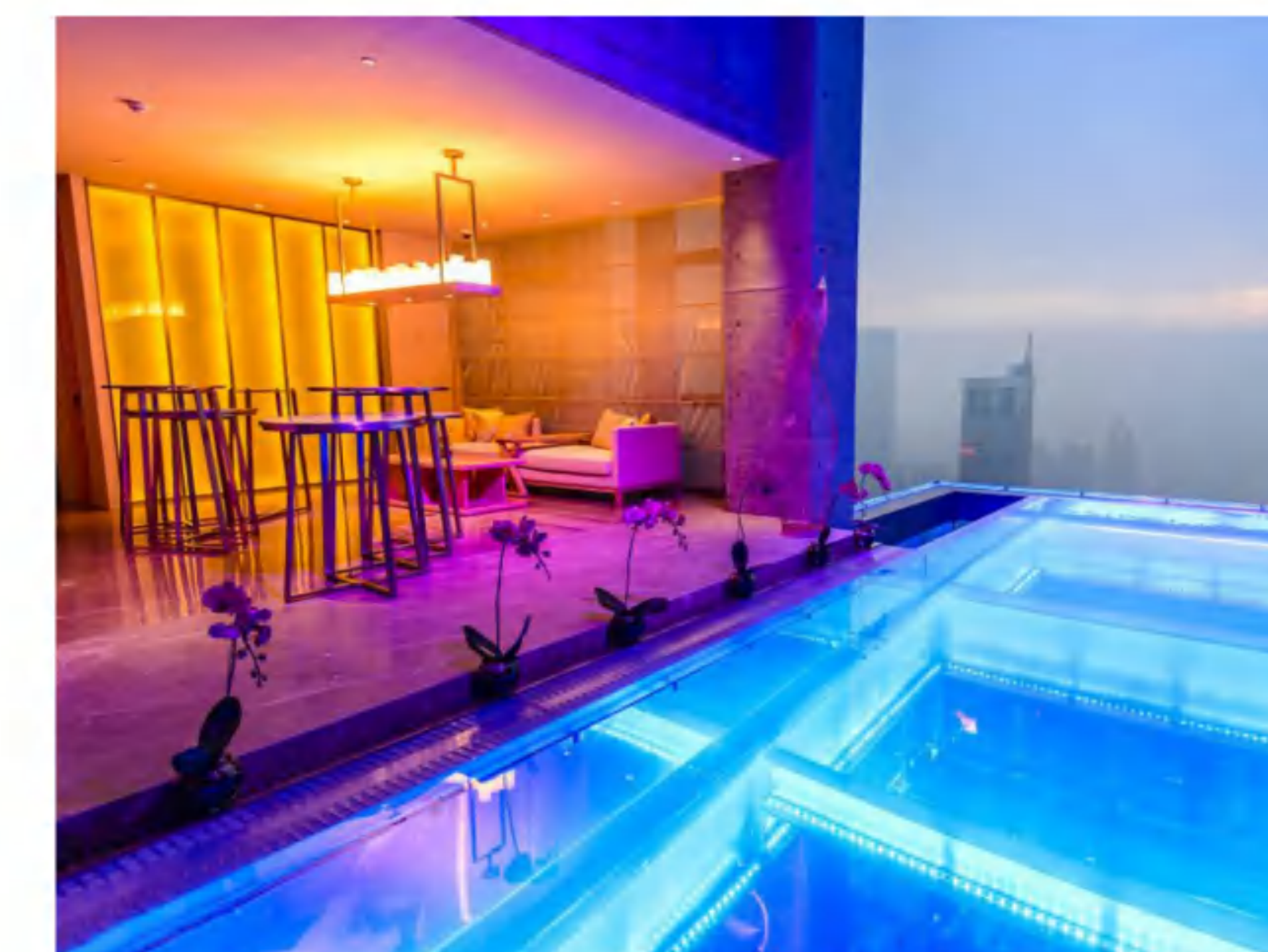
- Perfect uniform illumination, soft and confirmation light without dot spot
- High efficiency
- Color consistency with 3-step MacAdam
- 140° beam angle and high CRI>90
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available

Multicolor

TQ-24V-COB-840D-10MM-RGB



Application renderings



Basic Parameters

SMD Type	COB
LED Qty	840LEDs/M
Cutting Unit	25MM
PCB Width	10MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter

Input Voltage	24V
Input Current	0.625A/1M 3.125A/5M
Typ. Power	15W/M
Max. Power	16.5W/M

Optical Parameter

Color Temp.	
CRI	/
Lumen	750LM/M

Feature

- Perfect uniform illumination, soft and confirmation light without dot spot
- High efficiency
- Color consistency with 3-step MacAdam
- Copper Foil: 20Z(Optional 30Z/40Z)
- Customized design is available

Multicolor

TQ-24V-COB-840D-12MM-RGBW



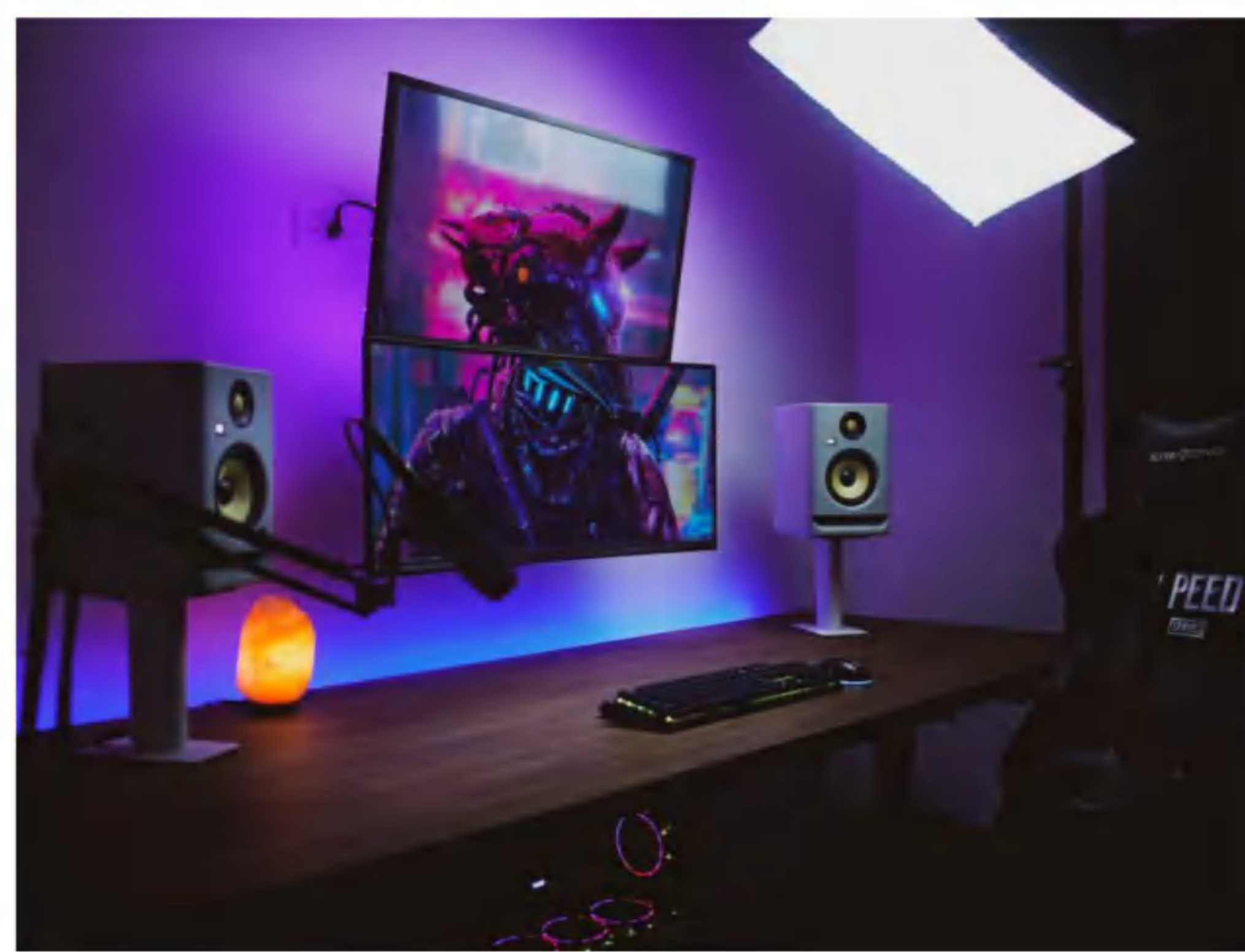
Basic Parameters	
SMD Type	COB
LED Qty	840LEDs/M
Cutting Unit	33.3MM
PCB Width	12MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.75A/1M 3.75A/5M
Typ. Power	18W/M
Max. Power	19.8W/M

Optical Parameter	
Color Temp.	
CRI	>90
Lumen	540LM/M

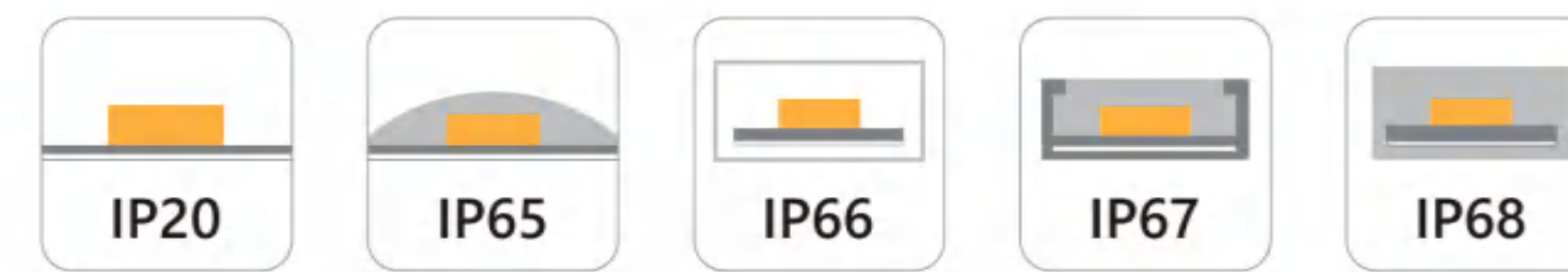
- Feature**
- Perfect uniform illumination, soft and confirmation light without dot spot
 - High efficiency
 - Color consistency with 3-step MacAdam
 - 140° beam angle and high CRI>90
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

Application renderings



Multicolor

TQ-24V-COB-720D-12MM-SPI



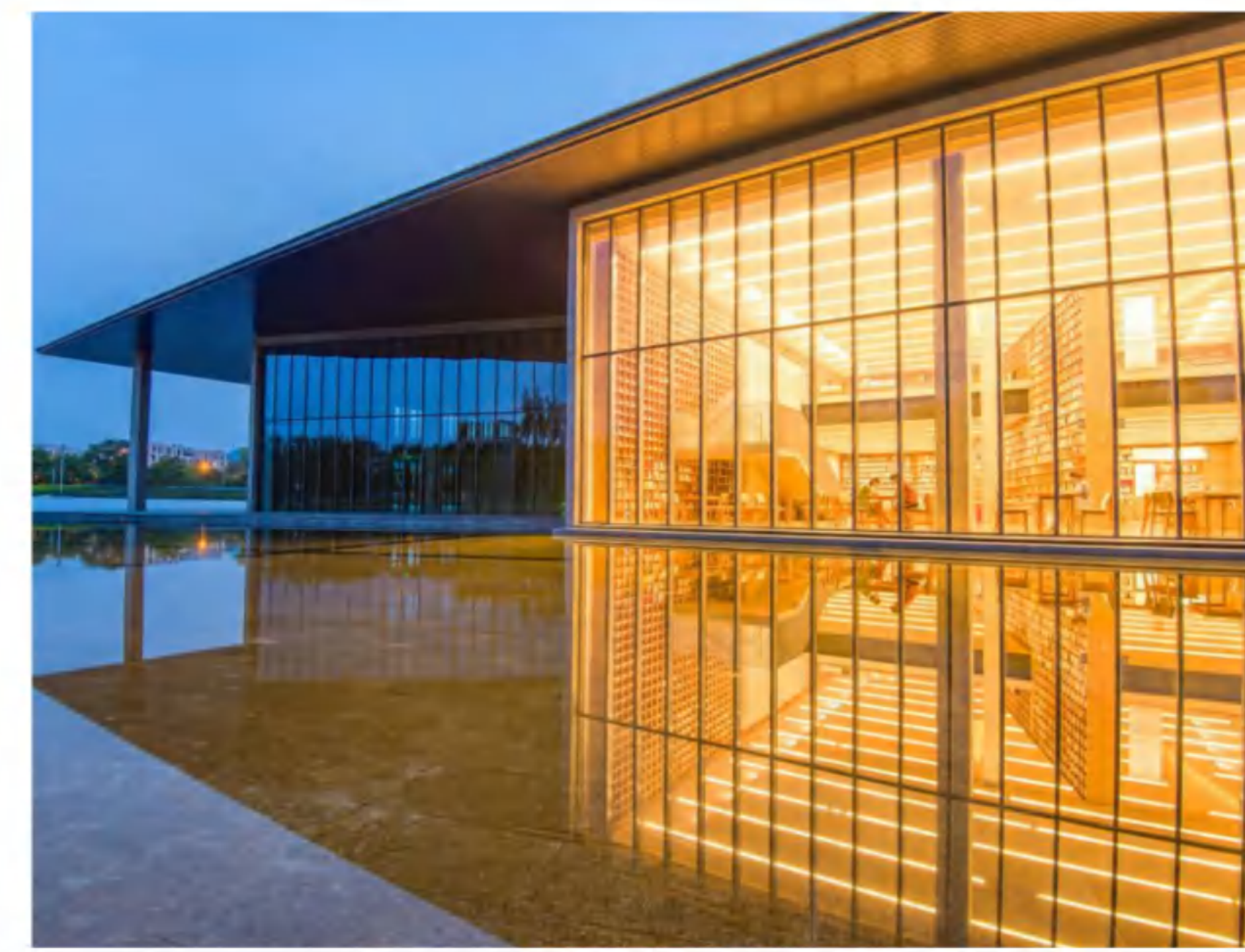
Basic Parameters	
SMD Type	COB
LED Qty	720LEDs/M
Cutting Unit	33.3MM
PCB Width	12MM
Copper Foil	20Z
Bending Diameter	>60MM
IP Rating	IP20 (Optional IP65/IP66/IP67/IP68)

Electrical Parameter	
Input Voltage	24V
Input Current	0.75A/1M 3.75A/5M
Typ. Power	18W/M
Max. Power	19.8W/M

Optical Parameter	
Color Temp.	/
CRI	/
Lumen	/

- Feature**
- Perfect uniform illumination, soft and confirmation light without dot spot
 - High efficiency
 - Color consistency with 3-step MacAdam
 - Copper Foil: 20Z(Optional 30Z/40Z)
 - Customized design is available

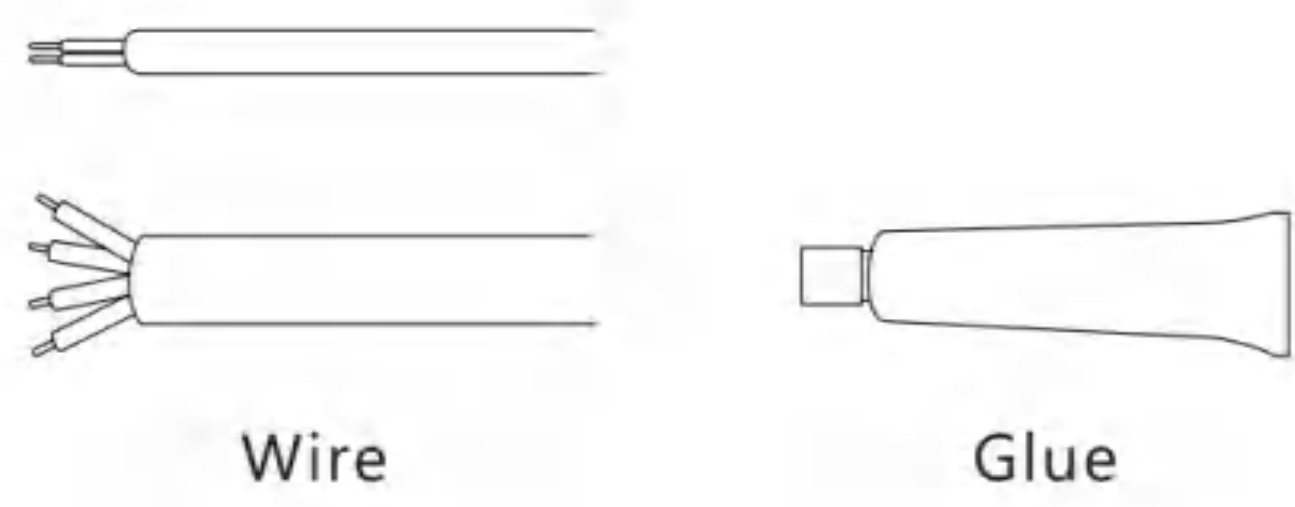
Application renderings



SILICONE STRIP LIGHT SOLUTION

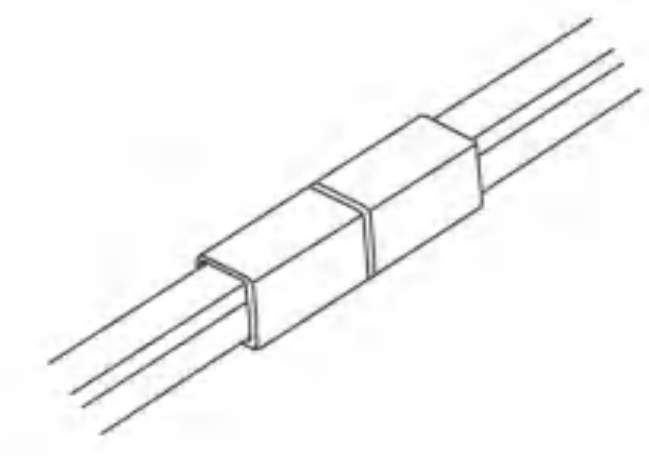
Multicolor

Wire & Glue



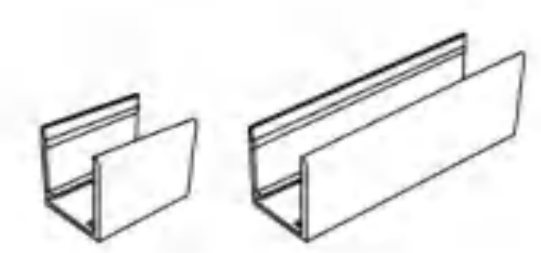
Top bend

Connection accessories

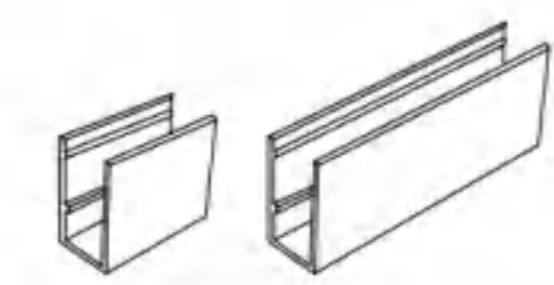


Intermediate quick connector

Mounting accessories



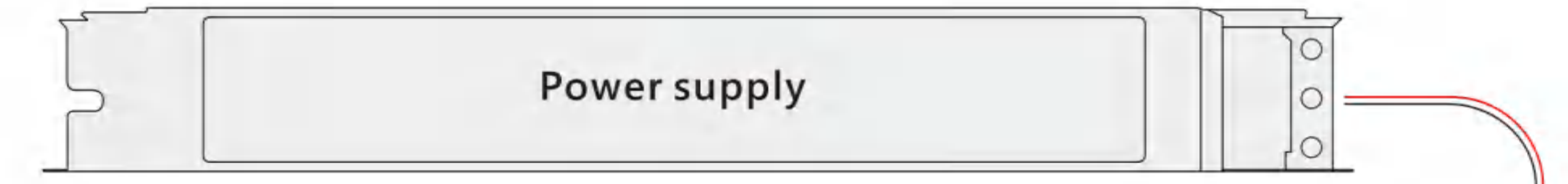
Install clip accessories



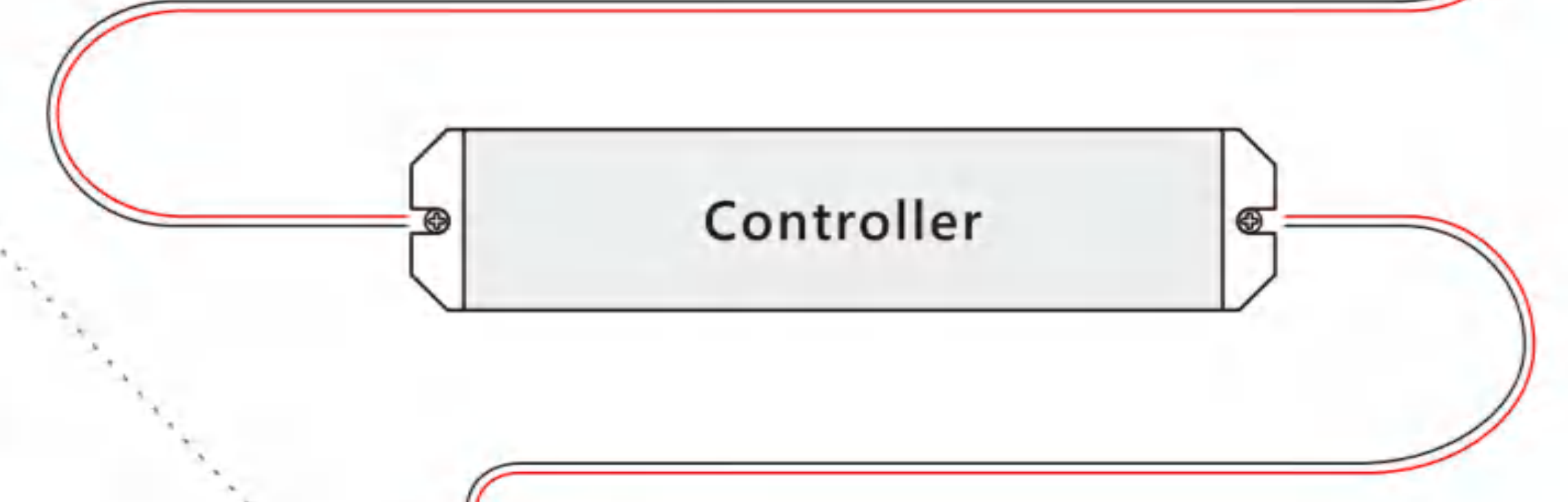
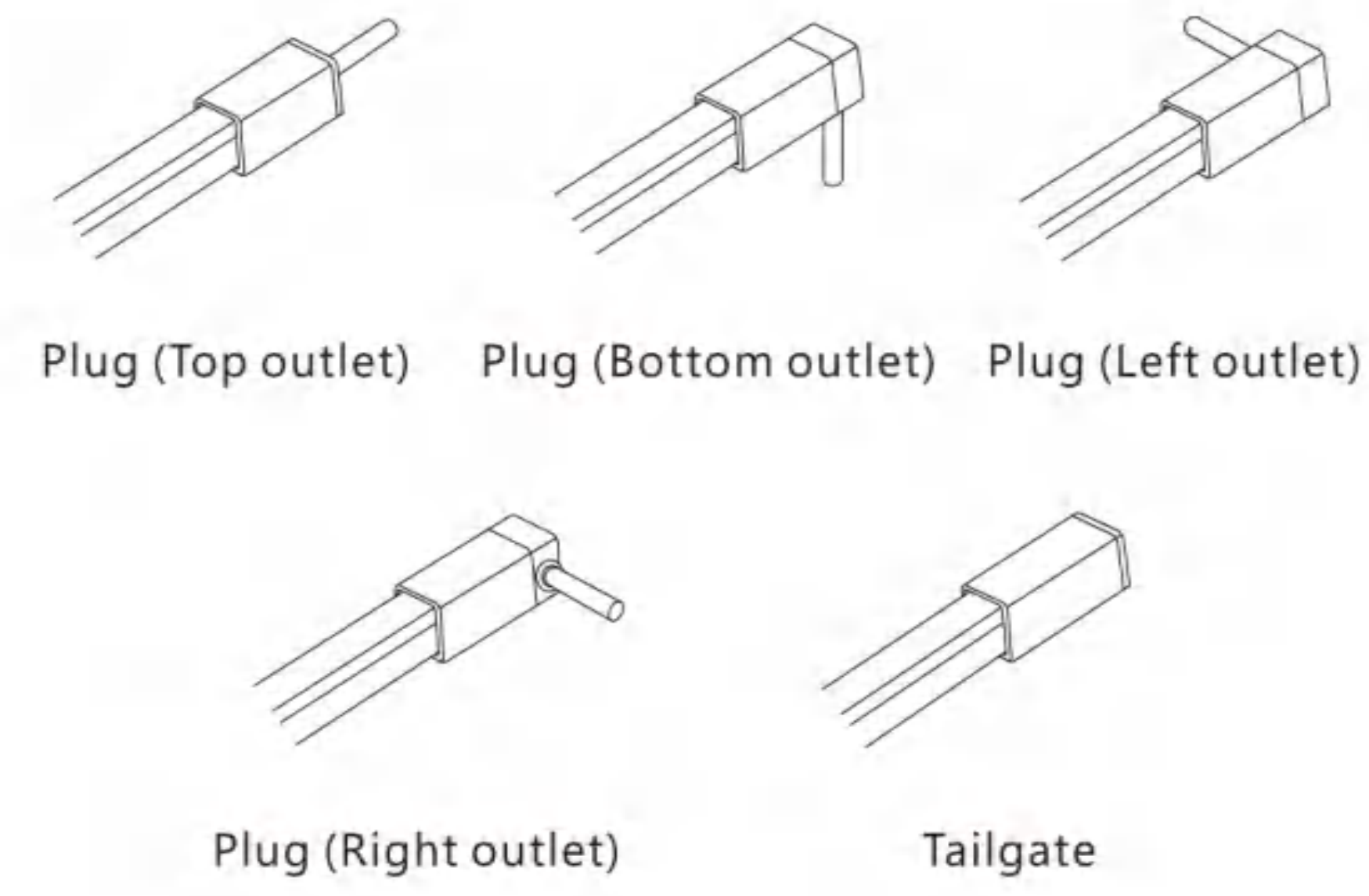
Installing aluminum slot accessories



Moldable mounting slot
(Stainless steel natural color)



Silicone plug



Side bend

Side bend

Side bend

Cutting line

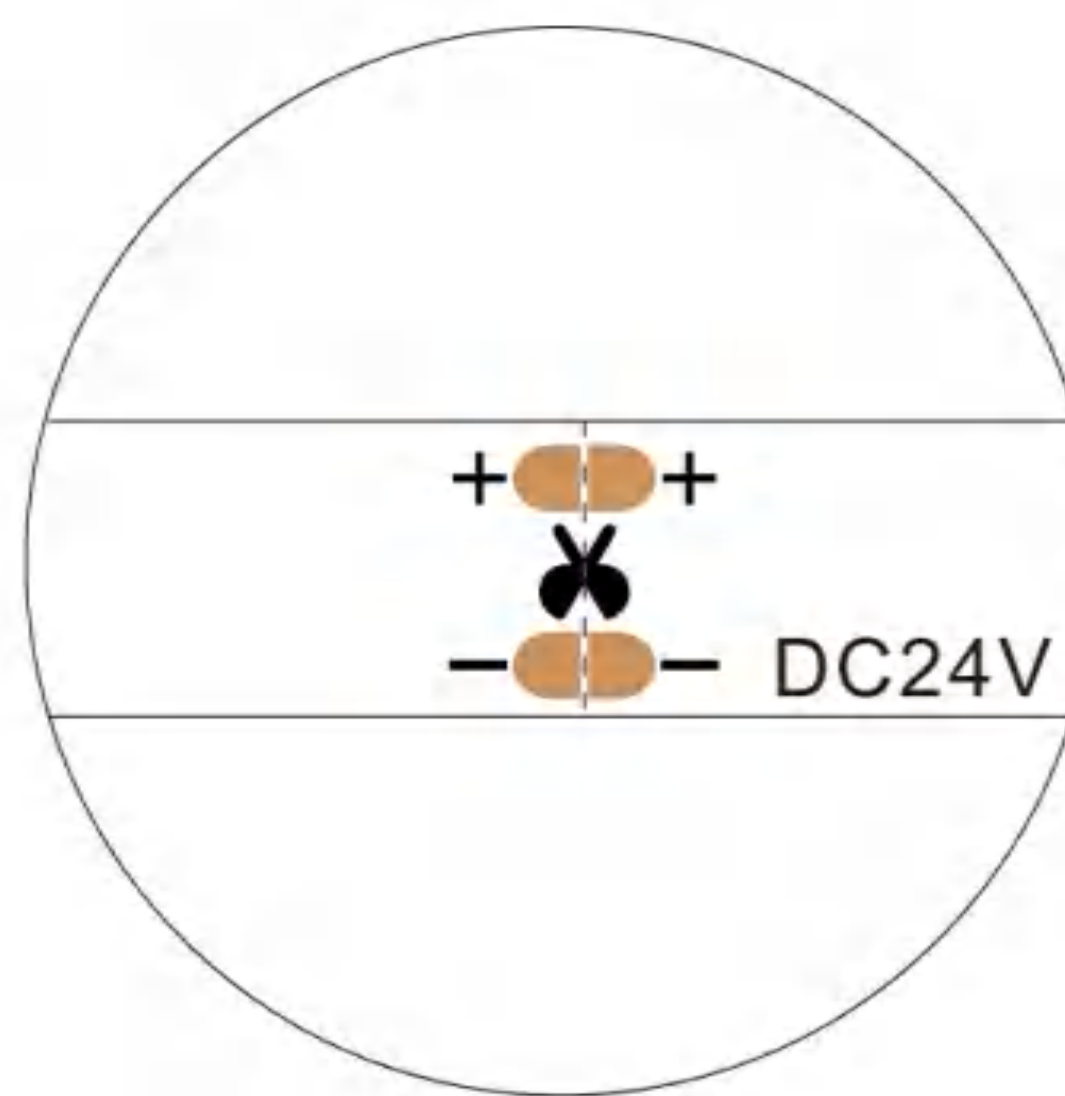
LED light source

CRI>80 CRI>90

1800 2200 2400 2700 3000 3500 4000 5000 6000 R G B W

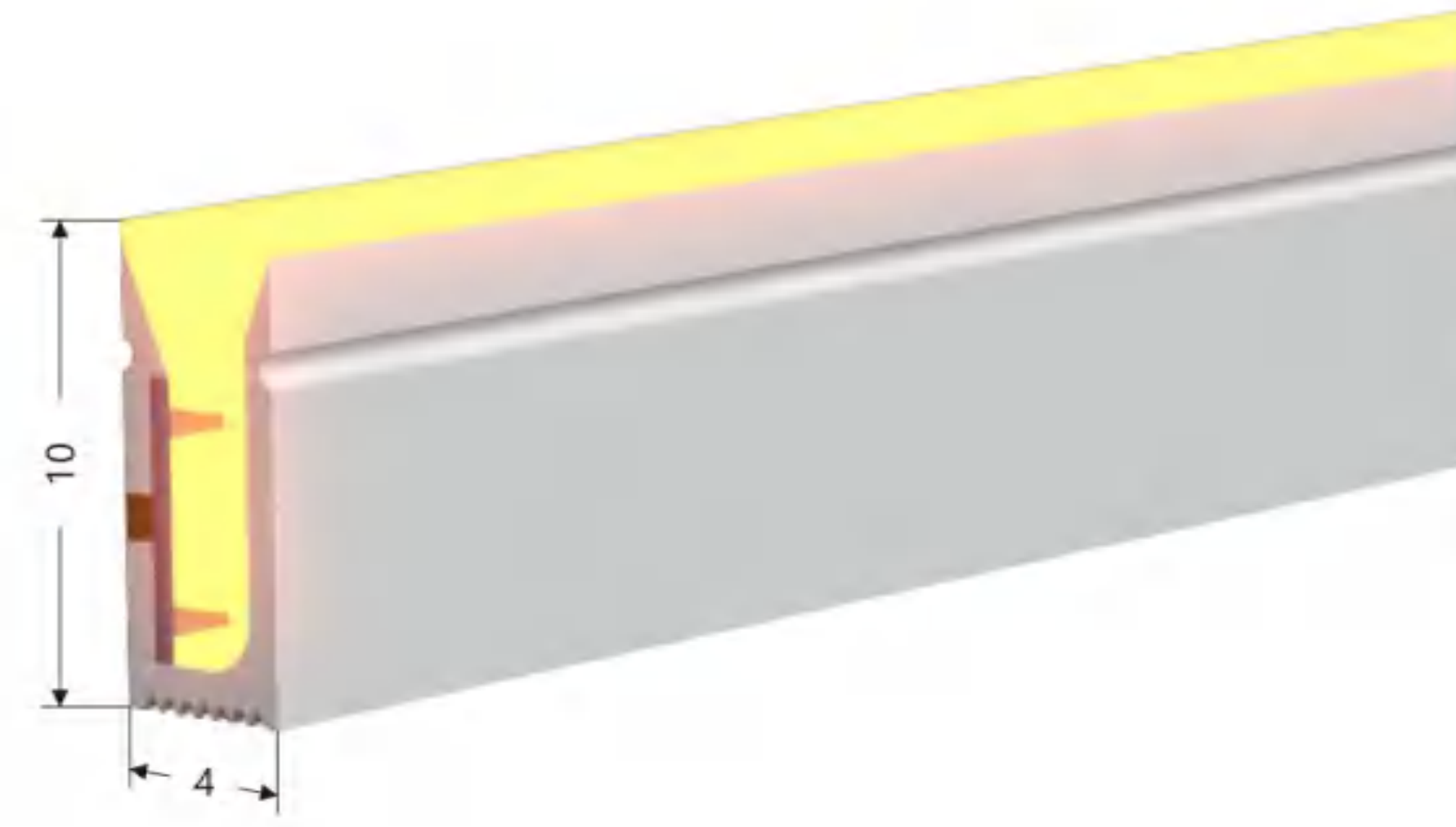
ONE BIN
SDCM<2

A variety of options, Free choice
Customize color temperature, Formulate BIN area

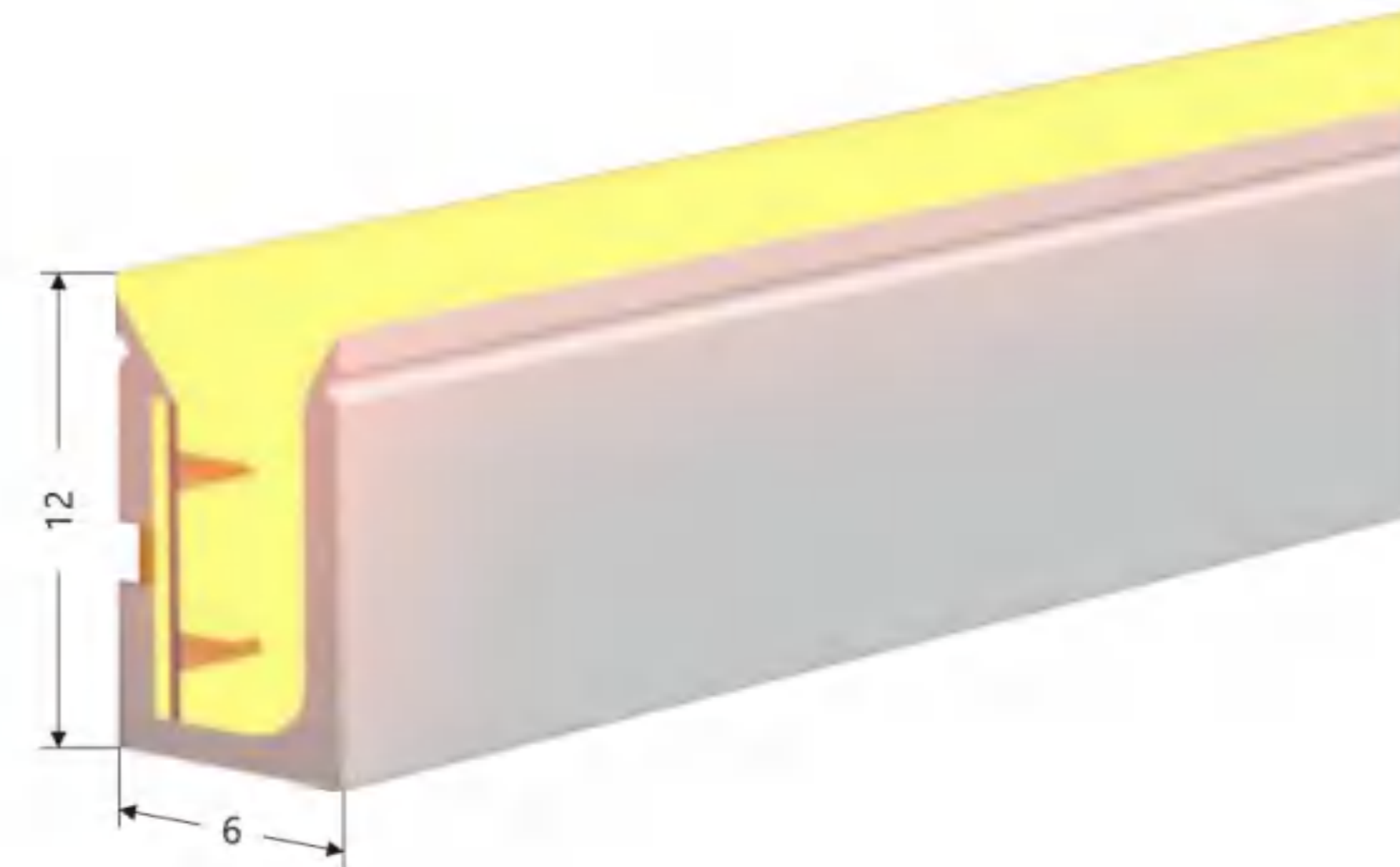


Side Bend Series

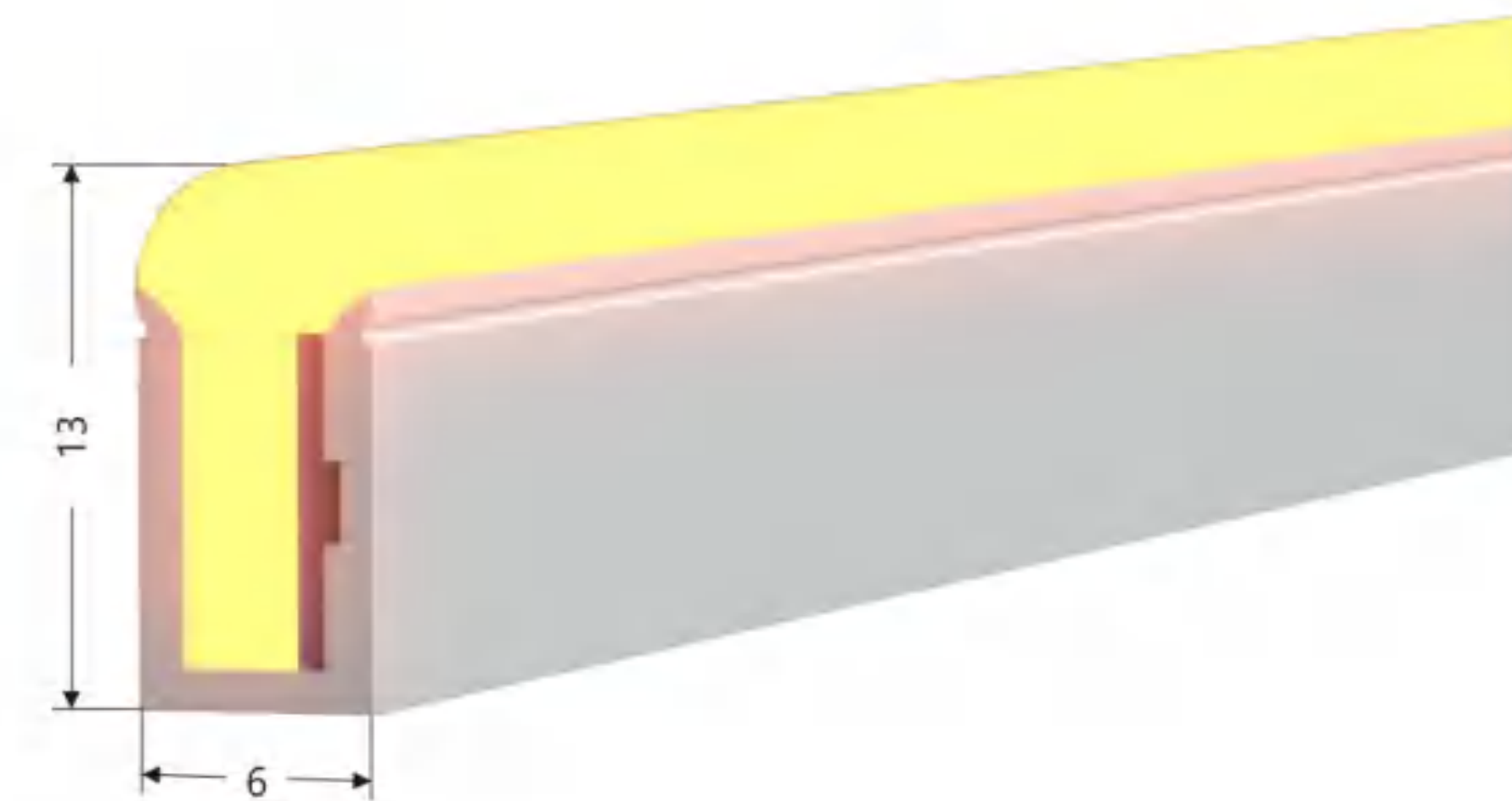
Series	Side Bend
Model	ES-0410
Size	W4*H10MM
FPC Width	6MM
LEDs/M	126/168/384
Power	7W/M
CCT/Color	2700K 3000K 4000K 6000K
CRI	>90
IP Rating	IP67
Min Bending radius	60/80MM
Material	Silicon



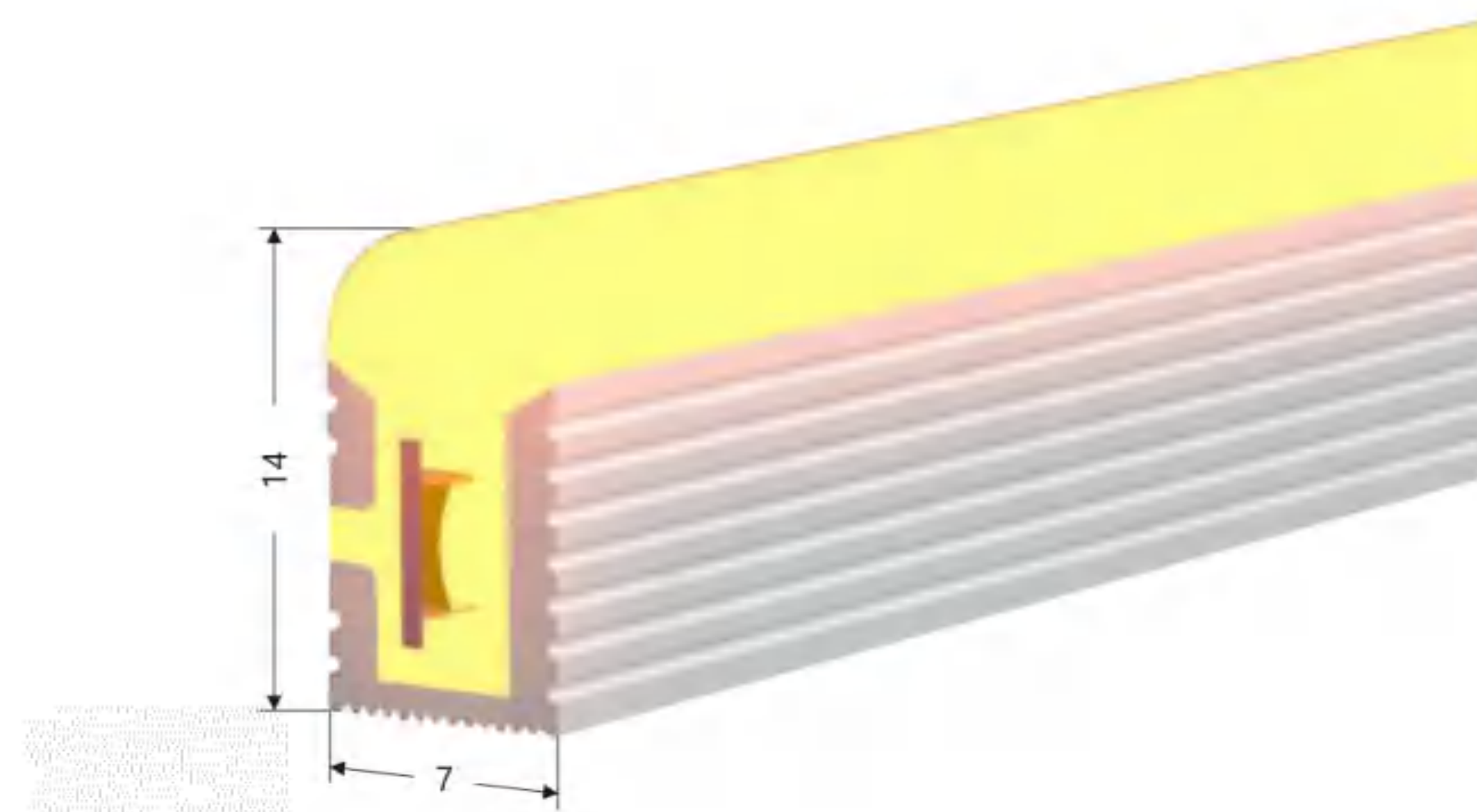
Series	Side Bend
Model	ES-0612
Size	W6*H12MM
FPC Width	8MM
LEDs/M	120/168
Power	10W/M
CCT/Color	2700K 3000K 4000K 6000K
CRI	>90
IP Rating	IP67
Min Bending radius	60/80MM
Material	Silicon



Series	Side Bend
Model	ES-0613R
Size	W6*H13MM
FPC Width	8MM
LEDs/M	120/168
Power	10W/M
CCT/Color	2700K 3000K 4000K 6000K
CRI	>90
IP Rating	IP67
Min Bending radius	60/80MM
Material	Silicon

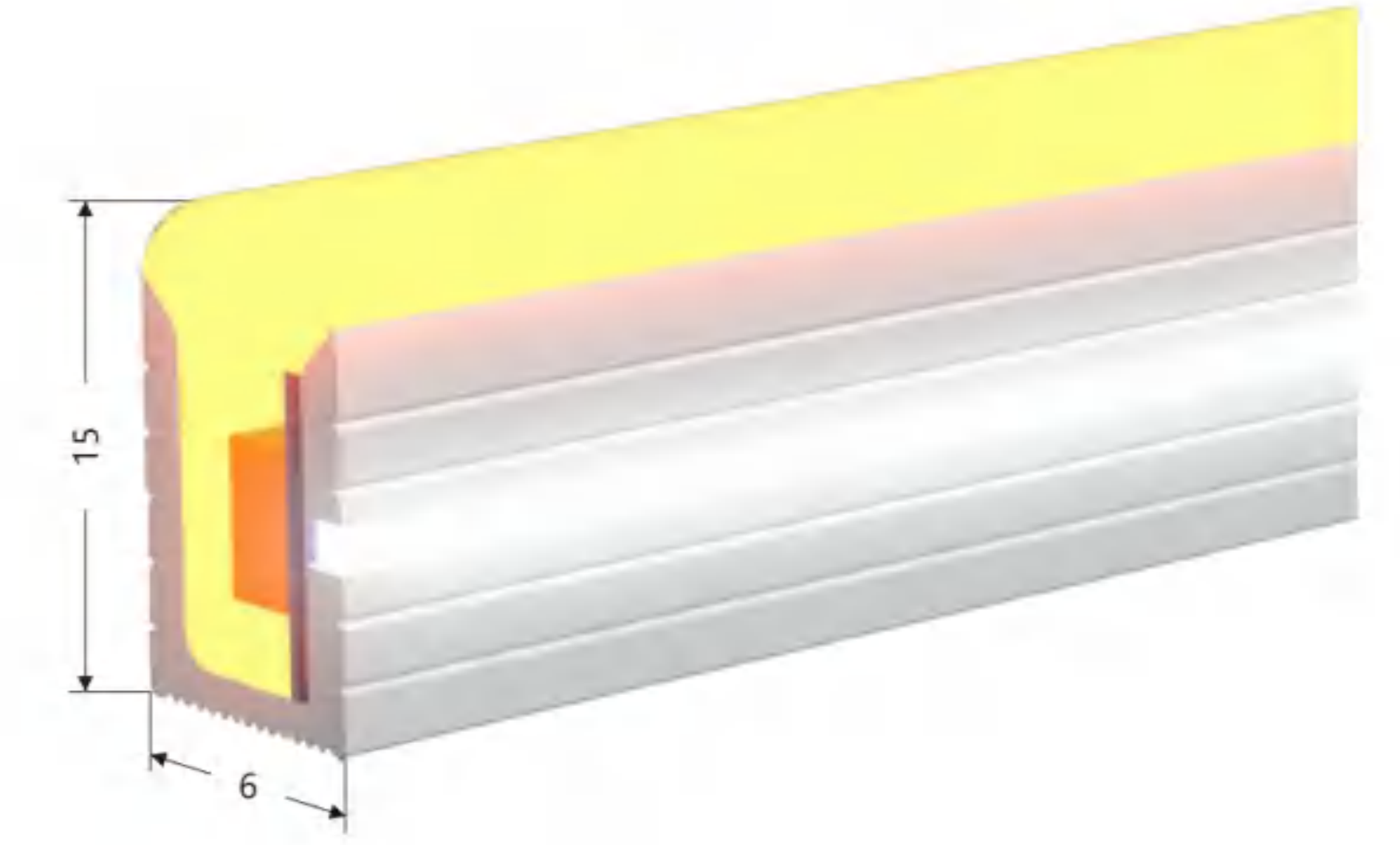


Series	Side Bend
Model	ES-0714R
Size	W7*H14MM
FPC Width	6MM
LEDs/M	120/168
Power	8W/M
CCT/Color	2700K 3000K 4000K 6000K R G B
CRI	>90
IP Rating	IP67
Min Bending radius	60/80MM
Material	Silicon

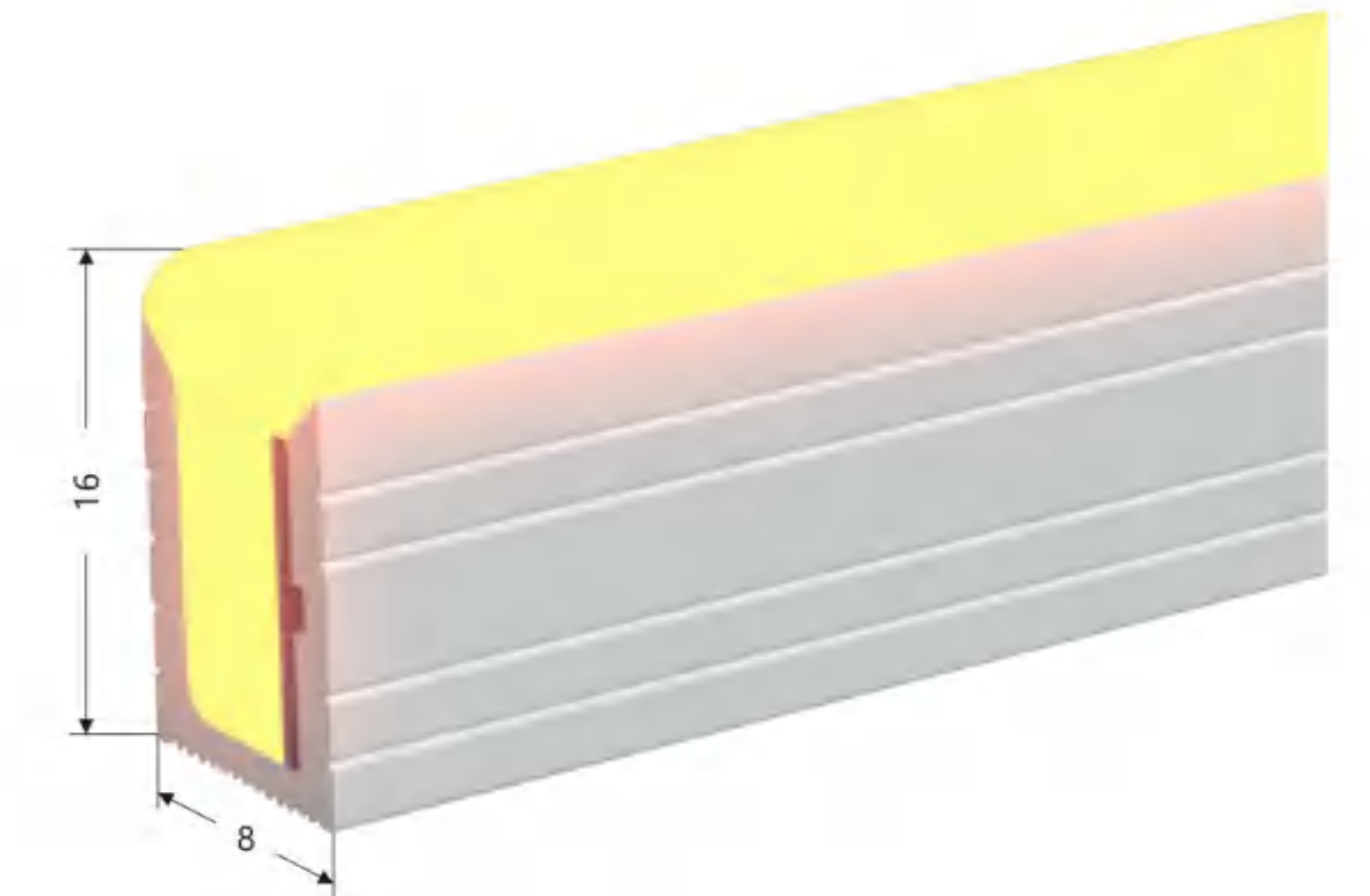


Multicolor

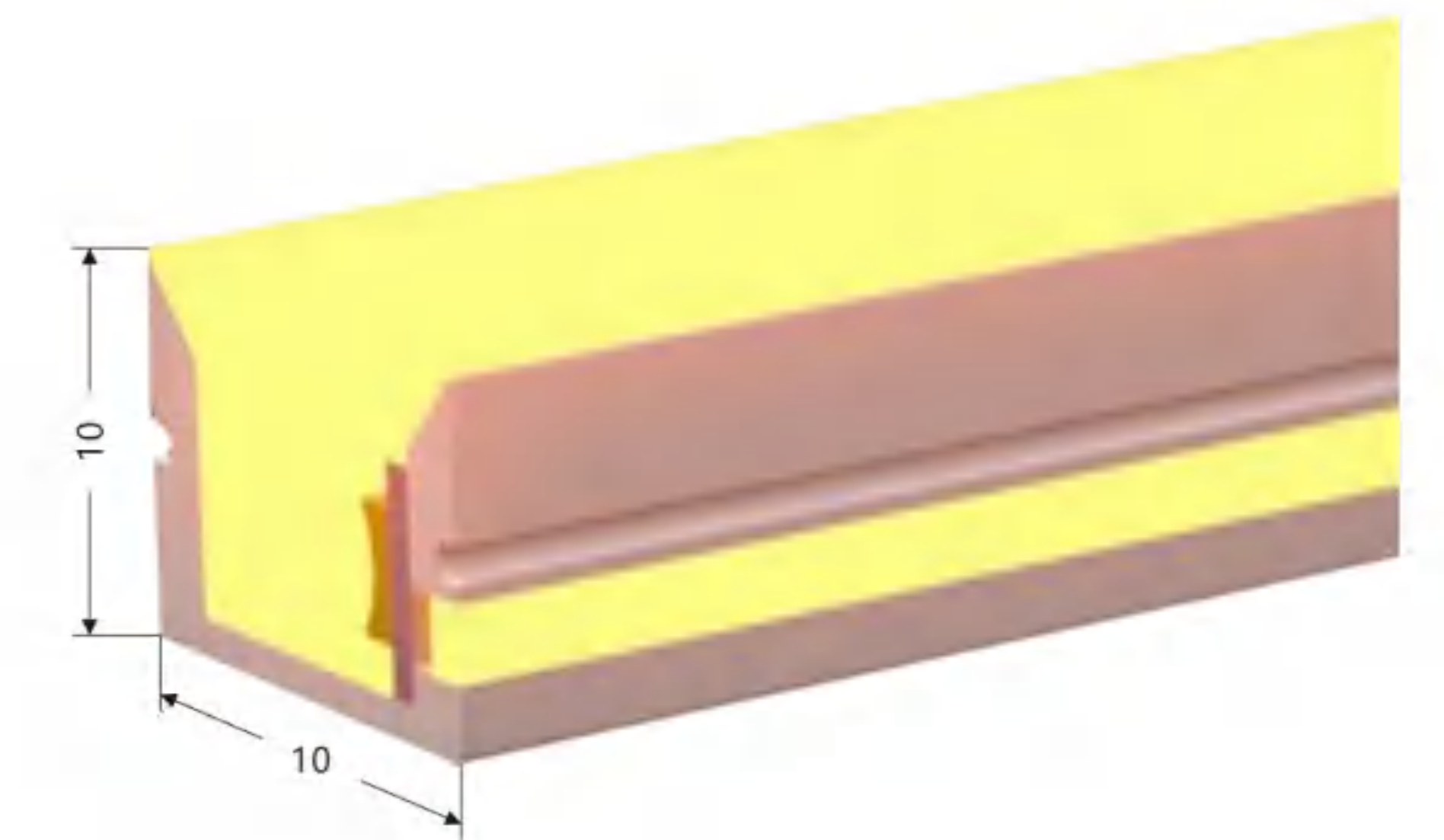
Series	Side Bend
Model	ES-0615R
Size	W6*H15MM
FPC Width	8MM
LEDs/M	120
Power	10W/M
CCT/Color	2700K 3000K 4000K 6000K
CRI	>90
IP Rating	IP67
Min Bending radius	60/80MM
Material	Silicon



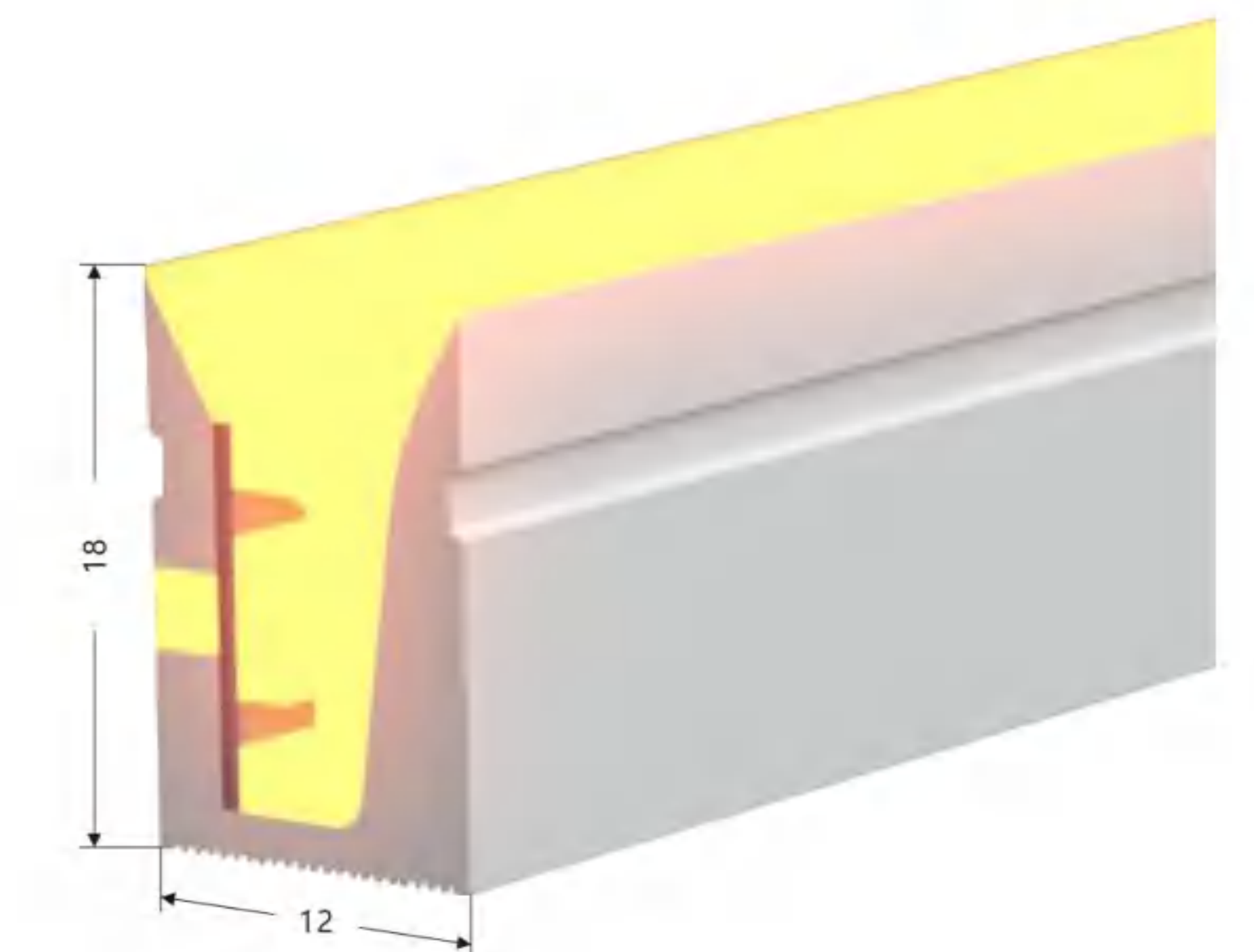
Series	Side Bend
Model	ES-0816R
Size	W8*H16MM
FPC Width	10MM
LEDs/M	120
Power	10W/M
CCT/Color	2700K 3000K 4000K 6000K
CRI	>90
IP Rating	IP67
Min Bending radius	60/80MM
Material	Silicon



Series	Side Bend
Model	ES-1010
Size	W10*H10MM
FPC Width	6MM
LEDs/M	120
Power	8W/M
CCT/Color	2700K 3000K 4000K 6000K
CRI	>90
IP Rating	IP67
Min Bending radius	60/80MM
Material	Silicon

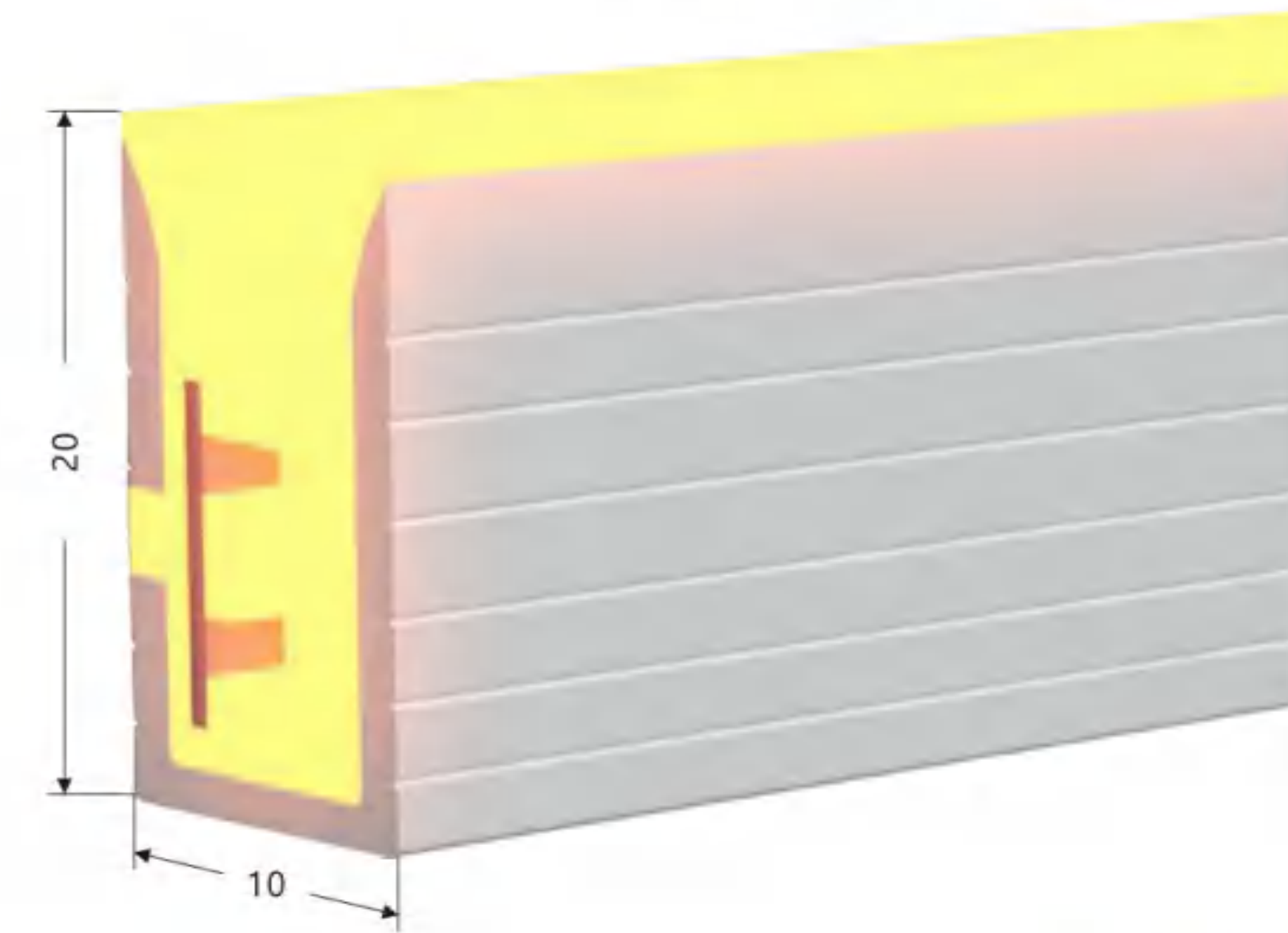


Series	Side Bend
Model	ES-1218
Size	W12*H18MM
FPC Width	10MM
LEDs/M	84/120/140
Power	10W/M
CCT/Color	2700K 3000K 4000K 6000K R G B
CRI	>90
IP Rating	IP67
Min Bending radius	80/120MM
Material	Silicon

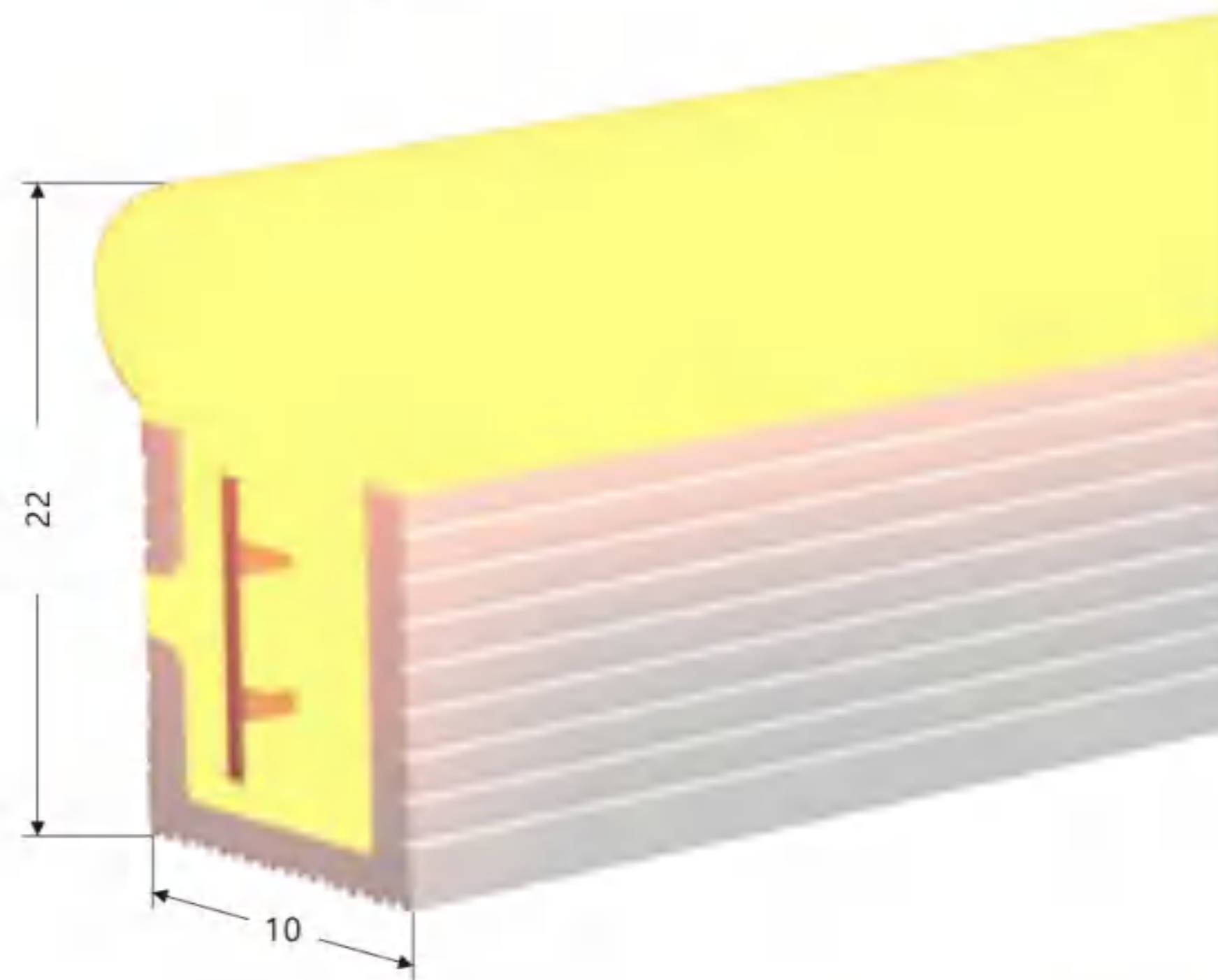


Multicolor

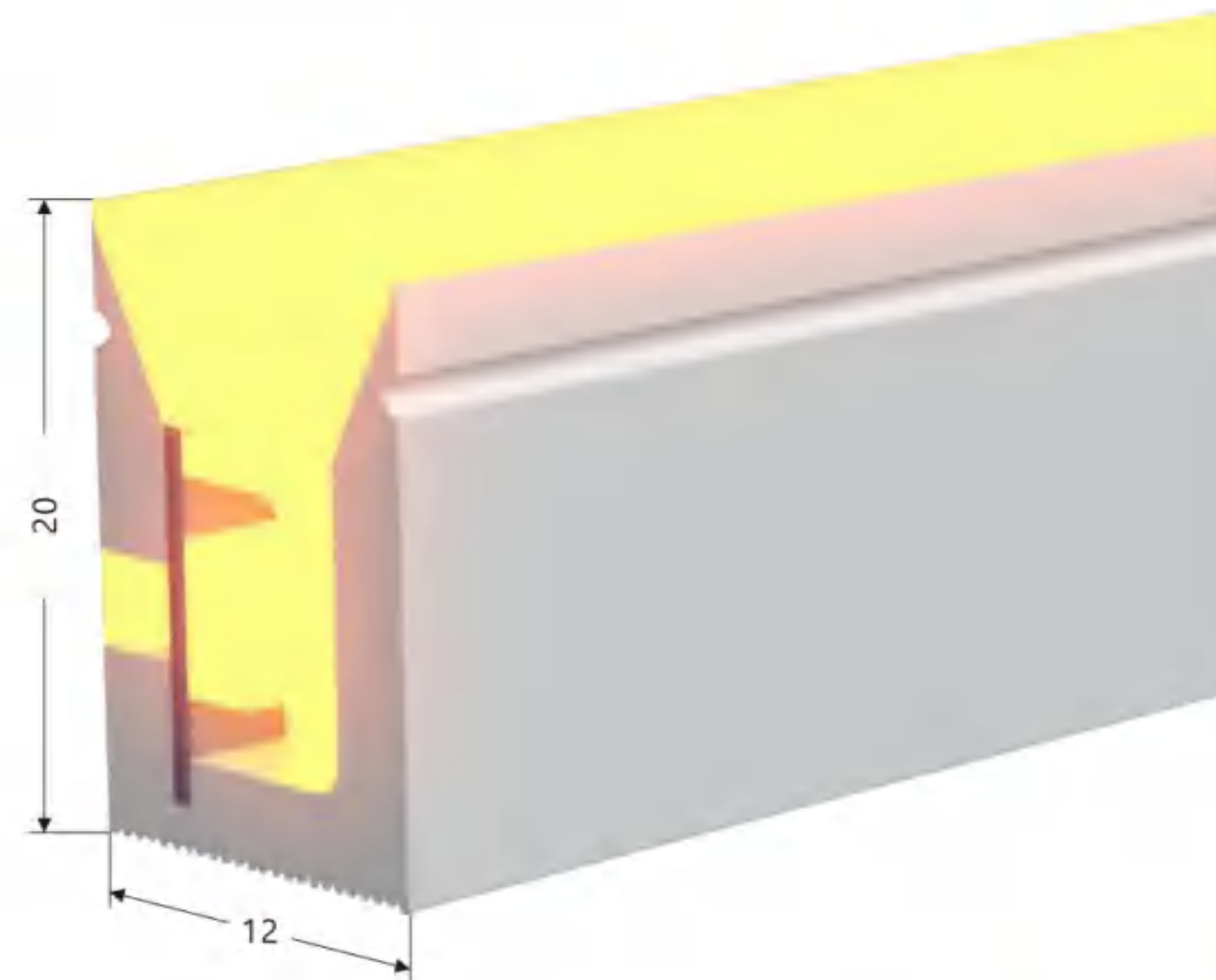
Series	Side Bend	★
Model	ES-1020	
Size	W10*H20MM	
FPC Width	10MM	
LEDs/M	84/120/140	
Power	10W/M	
CCT/Color	2700 3000 4000 6000 K R G B CCT	
CRI	>90	
IP Rating	IP67	
Min Bending radius	80/120MM	
Material	Silicon	



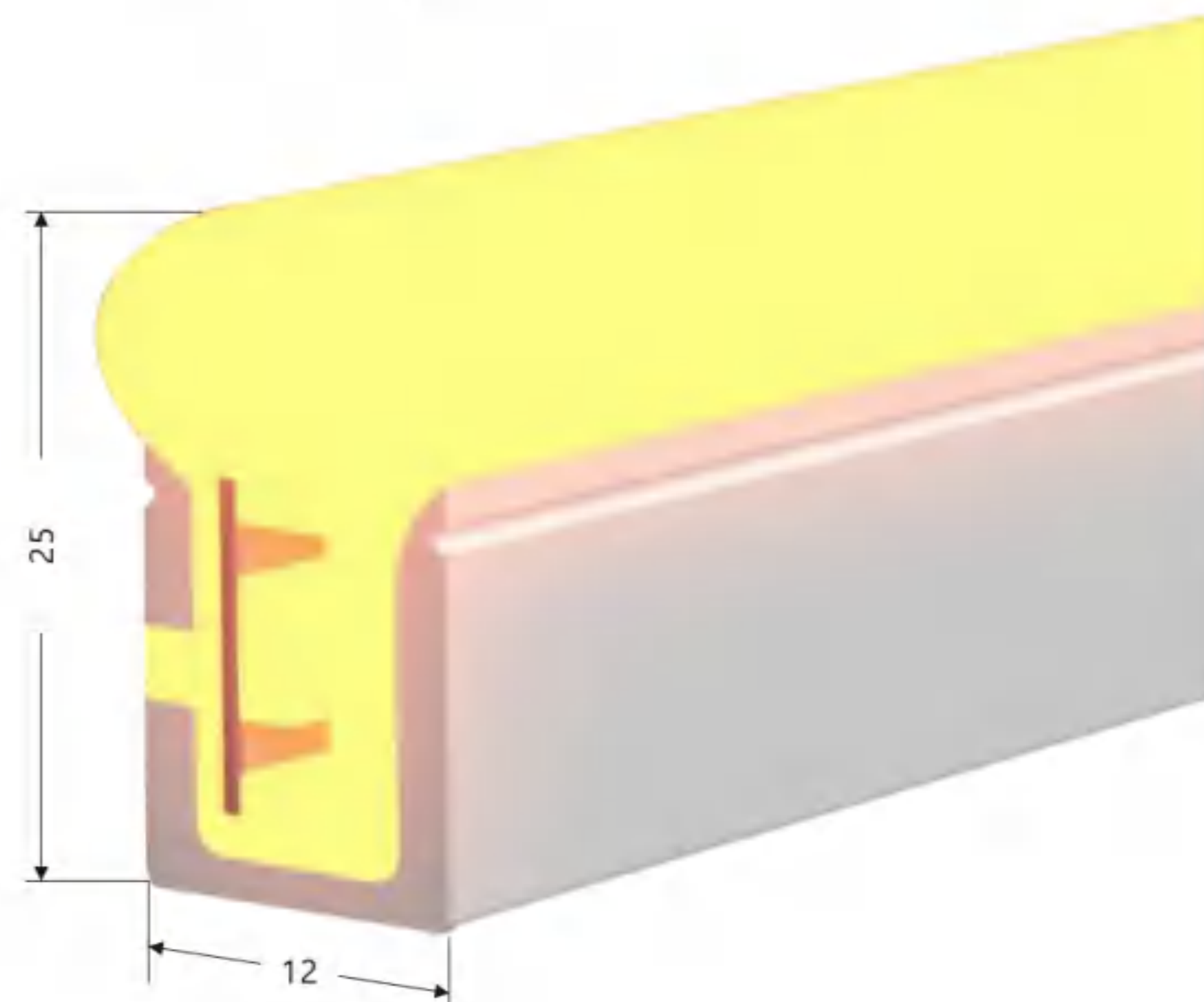
Series	Side Bend	
Model	ES-1022R	
Size	W10*H22MM	
FPC Width	10MM	
LEDs/M	84/120/140	
Power	10W/M	
CCT/Color	2700 3000 4000 6000 K R G B CCT	
CRI	>90	
IP Rating	IP67	
Min Bending radius	80/120MM	
Material	Silicon	



Series	Side Bend	
Model	ES-1220	
Size	W12*H20MM	
FPC Width	10/12MM	
LEDs/M	84/120/140	
Power	10W/M	
CCT/Color	2700 3000 4000 6000 K R G B CCT	
CRI	>90	
IP Rating	IP67	
Min Bending radius	80/120MM	
Material	Silicon	



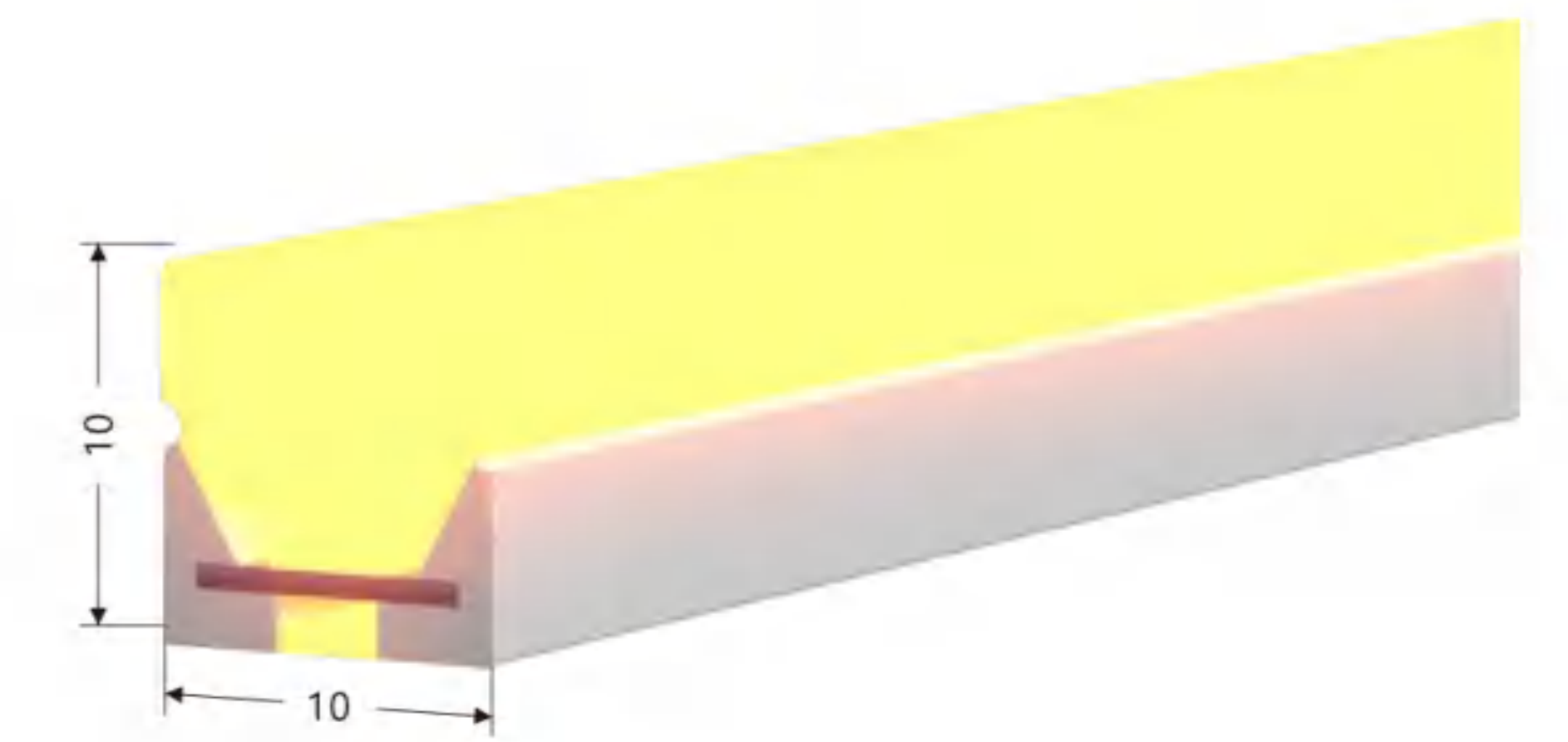
Series	Side Bend	
Model	ES-1225	
Size	W12*H25MM	
FPC Width	10/12MM	
LEDs/M	84/120/140	
Power	10W/M	
CCT/Color	2700 3000 4000 6000 K R G B CCT	
CRI	>90	
IP Rating	IP68	
Min Bending radius	80/120MM	
Material	Silicon	



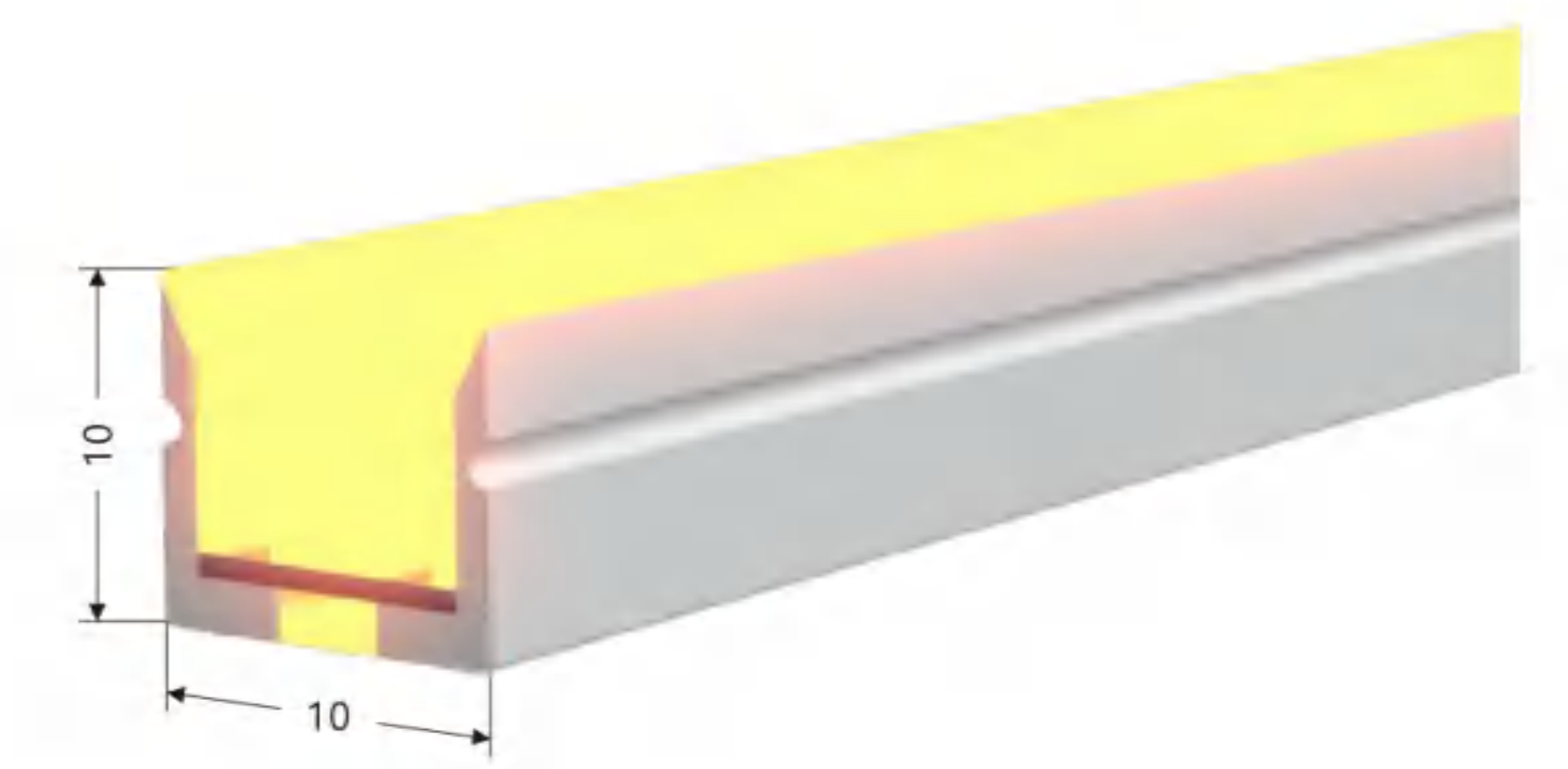
Silicone Tube Size of 30*20mm, 40*25mm and 50*25mm are Optional

Top Bend Series

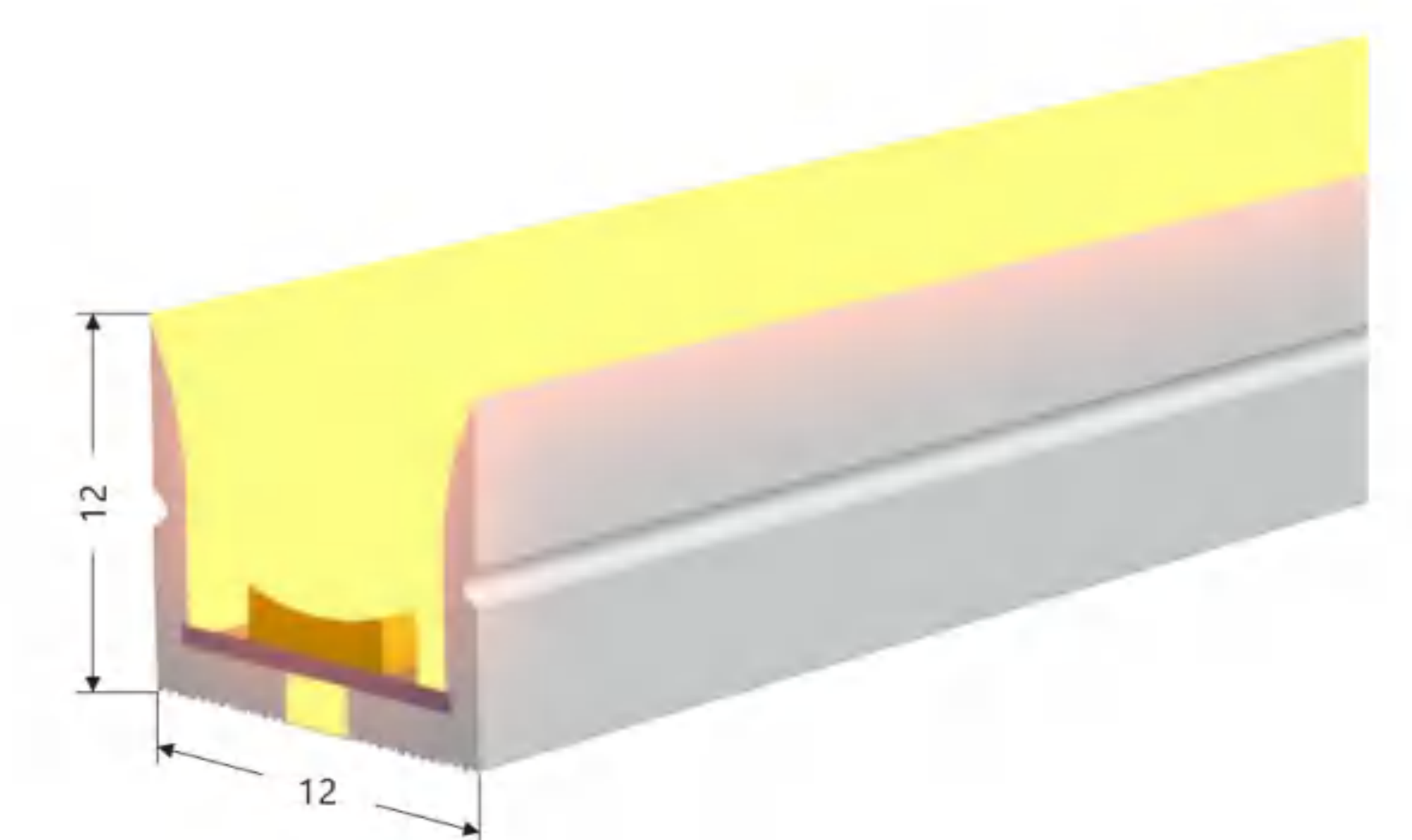
Series	Top Bend	
Model	ET-1010U	
Size	W10*H10MM	
FPC Width	8MM	
LEDs/M	120	
Power	10W/M	
CCT/Color	2700 3000 4000 6000 K R G B CCT	
CRI	>90	
IP Rating	IP67	
Min Bending radius	80/120MM	
Material	Silicon	
Beaming	Three Sides	



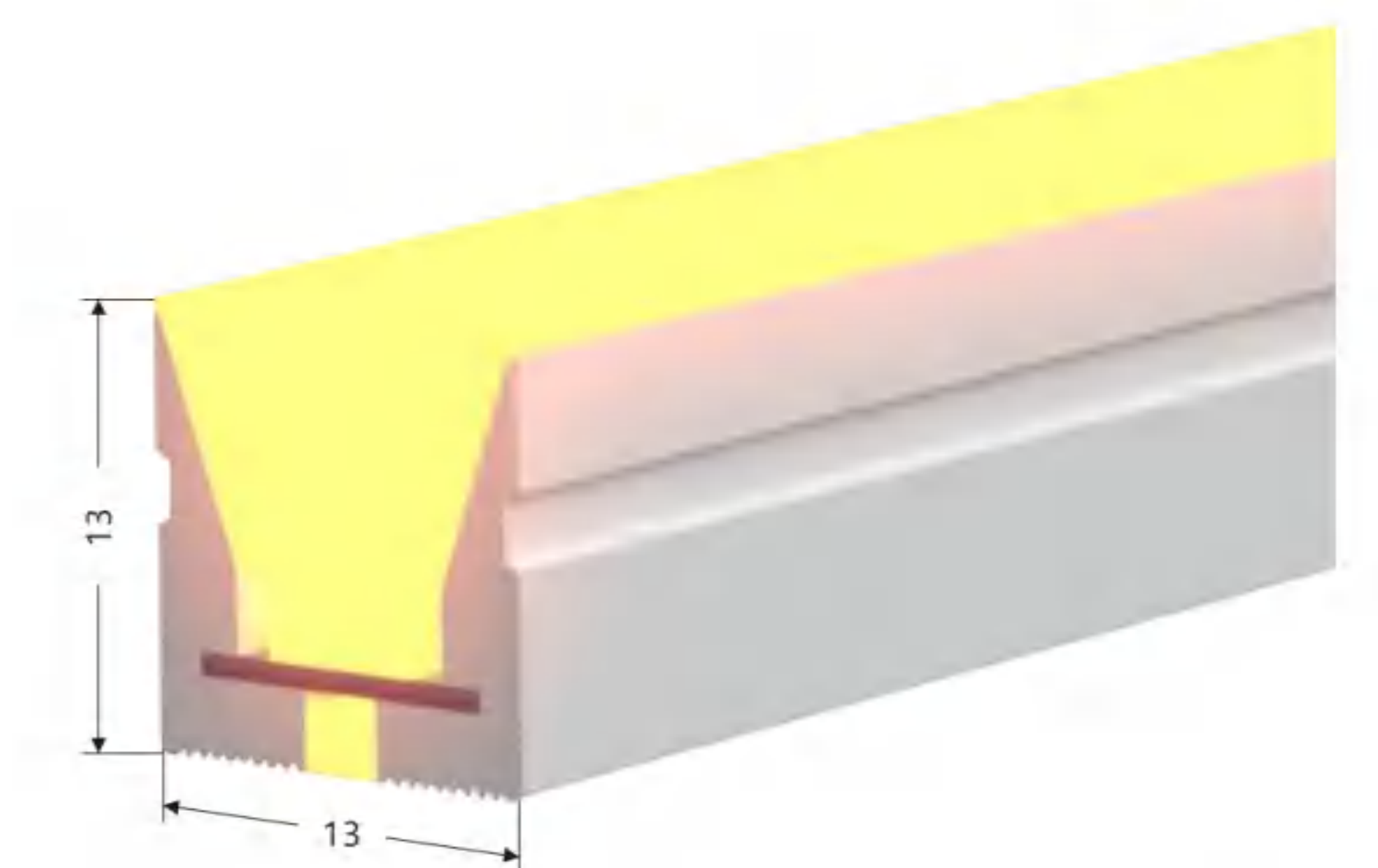
Series	Top Bend	★
Model	ET-1010	
Size	W10*H10MM	
FPC Width	8MM	
LEDs/M	120	
Power	10W/M	
CCT/Color	2700 3000 4000 6000 K R G B CCT	
CRI	>90	
IP Rating	IP67	
Min Bending radius	60/80MM	
Material	Silicon	



Series	Top Bend	
Model	ET-1212	
Size	W12*H12MM	
FPC Width	8MM	
LEDs/M	120	
Power	10W/M	
CCT/Color	2700 3000 4000 6000 K R G B CCT	
CRI	>90	
IP Rating	IP67	
Min Bending radius	60/80MM	
Material	Silicon	

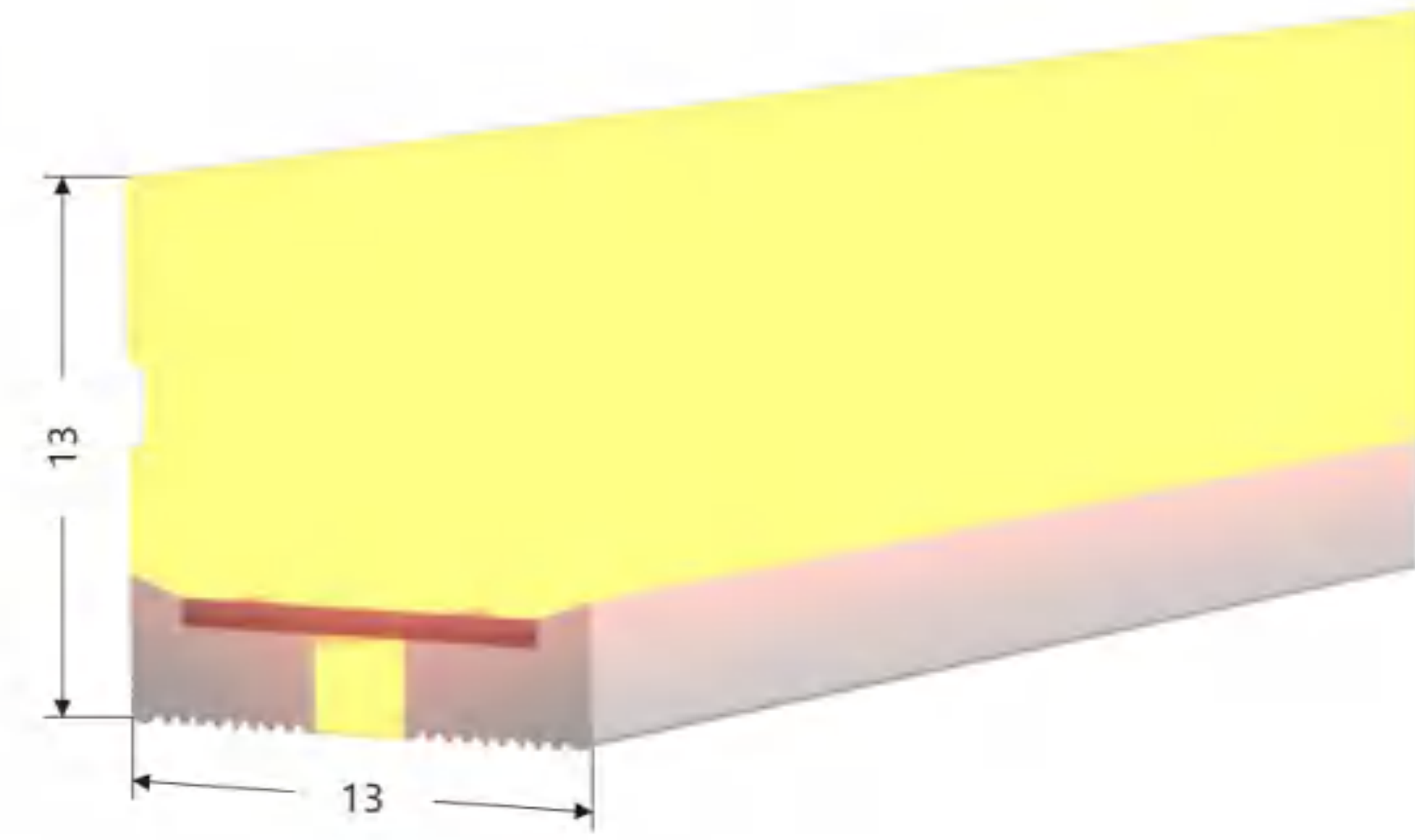


Series	Top Bend	
Model	ET-1313	
Size	W13*H13MM	
FPC Width	10MM	
LEDs/M	84/120/140	
Power	12W/M	
CCT/Color	2700 3000 4000 6000 K R G B CCT	
CRI	>90	
IP Rating	IP67	
Min Bending radius	80/120MM	
Material	Silicon	

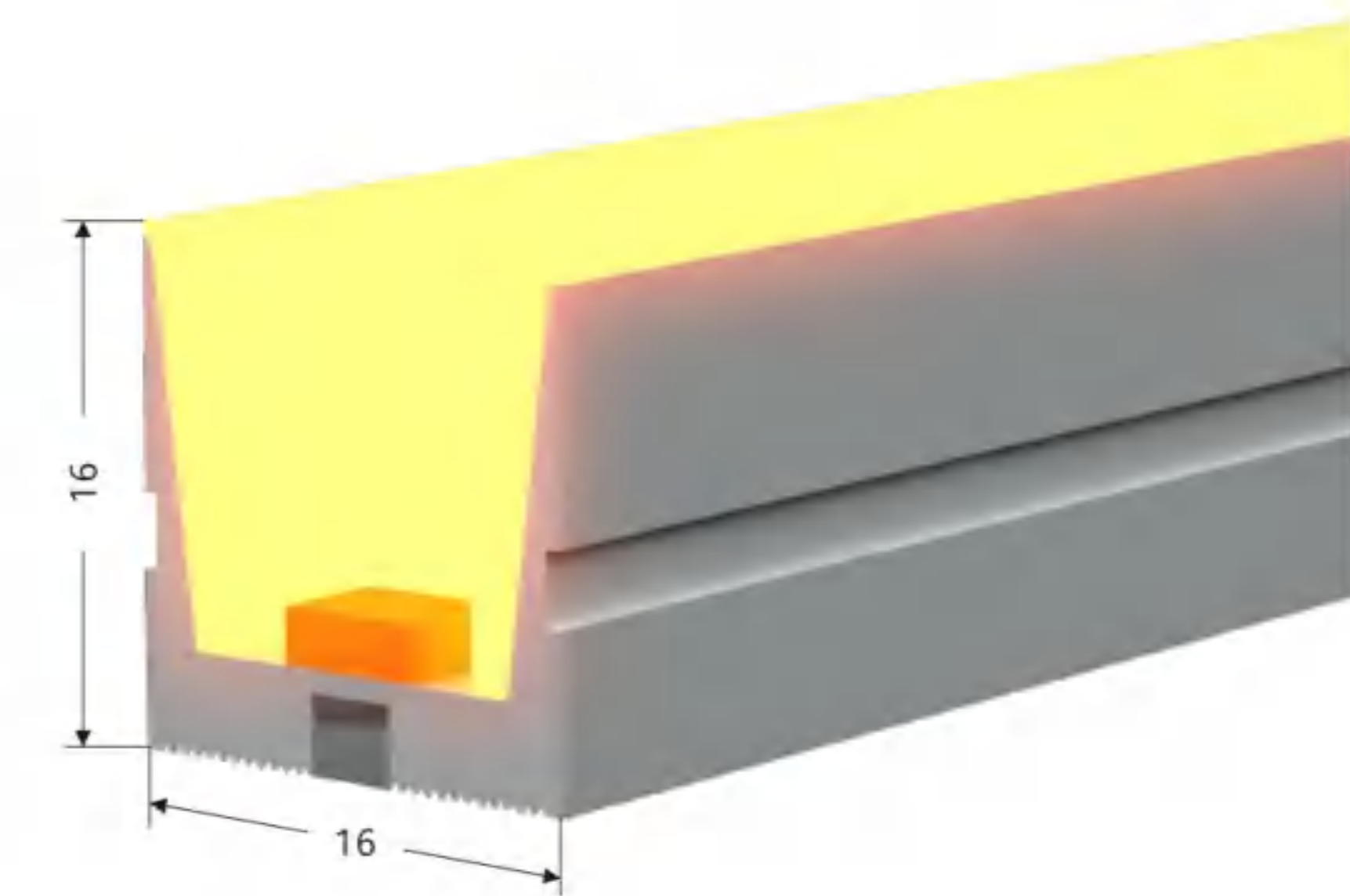


Multicolor

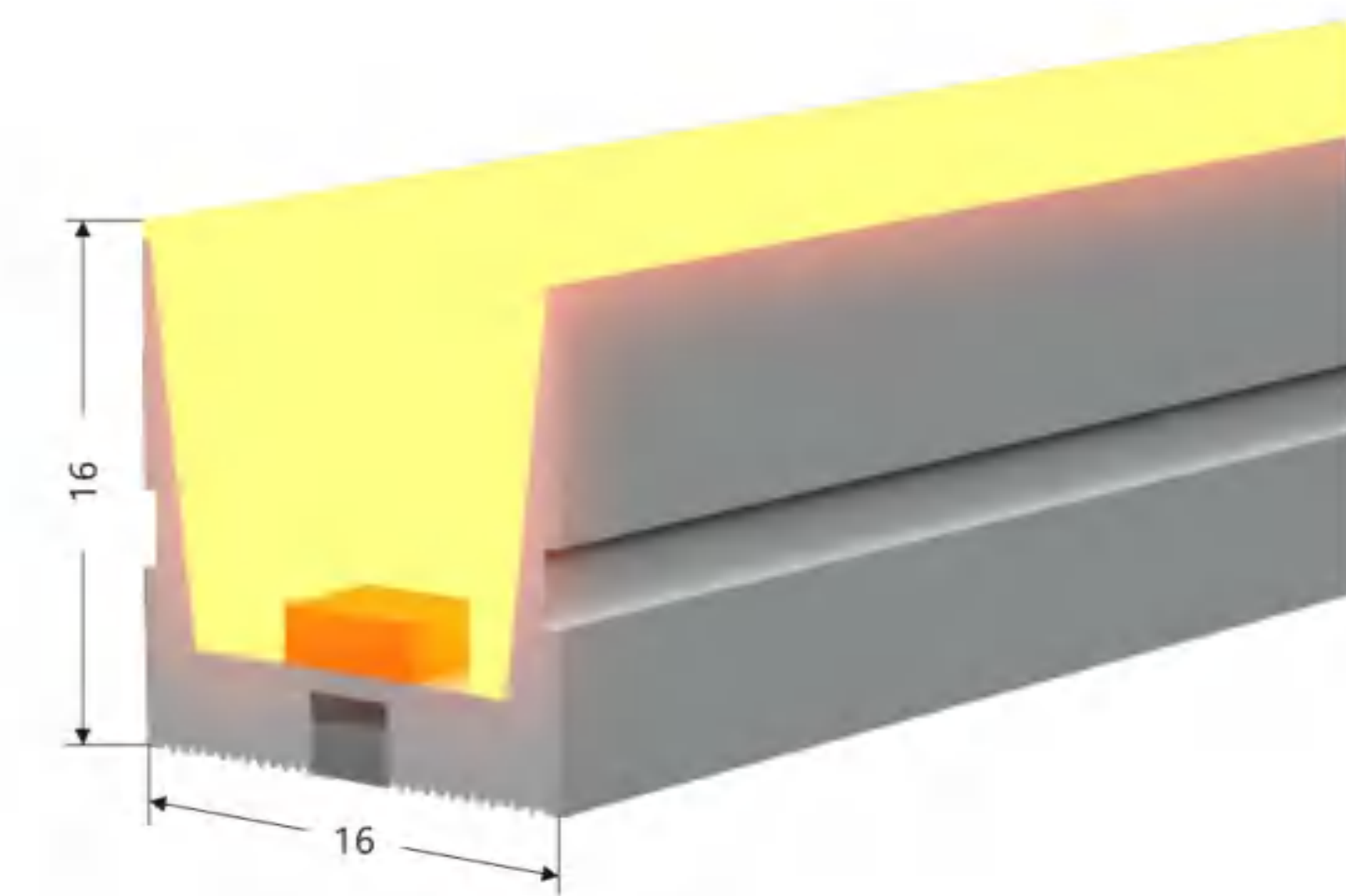
Series	Top Bend
Model	ET-1313U
Size	W13*H13MM
FPC Width	10MM
LEDs/M	84/120/140
Power	12W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	80/120MM
Material	Silicon



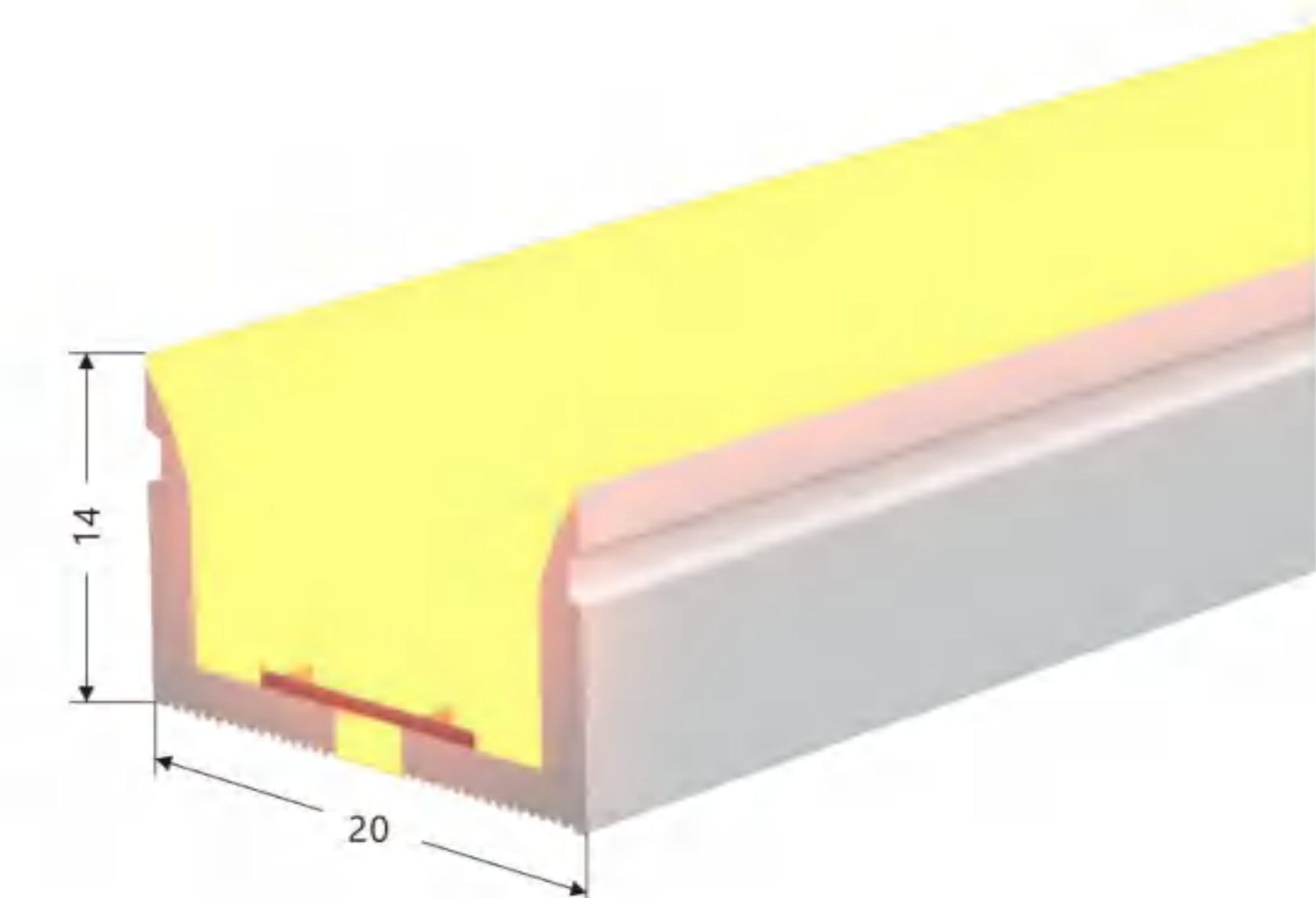
Series	Top Bend	★
Model	ET-1616(IP67)	
Size	W16*H16MM	
FPC Width	10/12MM	
LEDs/M	84/120/140	
Power	12W/M	
CCT/Color		
CRI	>90	
IP Rating	IP67	
Min Bending radius	80/120MM	
Material	Silicon	



Series	Top Bend	★
Model	ET-1616(IP68)	
Size	W16*H16MM	
FPC Width	10/12MM	
LEDs/M	84/120/140	
Power	12W/M	
CCT/Color		
CRI	>90	
IP Rating	IP68	
Min Bending radius	80/120MM	
Material	Silicon	

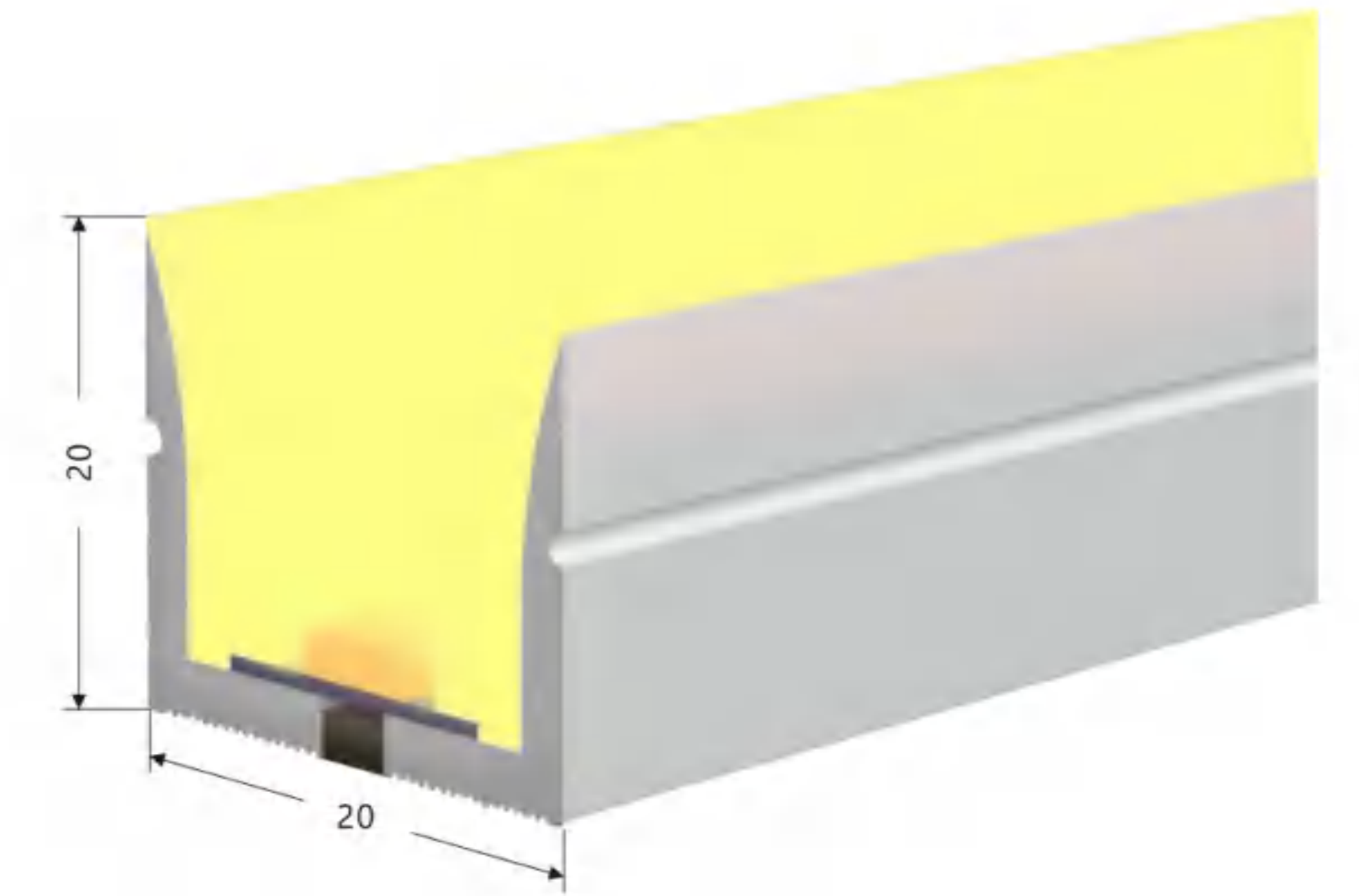


Series	Top Bend
Model	ET-2014
Size	W20*H14MM
FPC Width	10/12MM
LEDs/M	140/168
Power	12W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	80/120MM
Material	Silicon

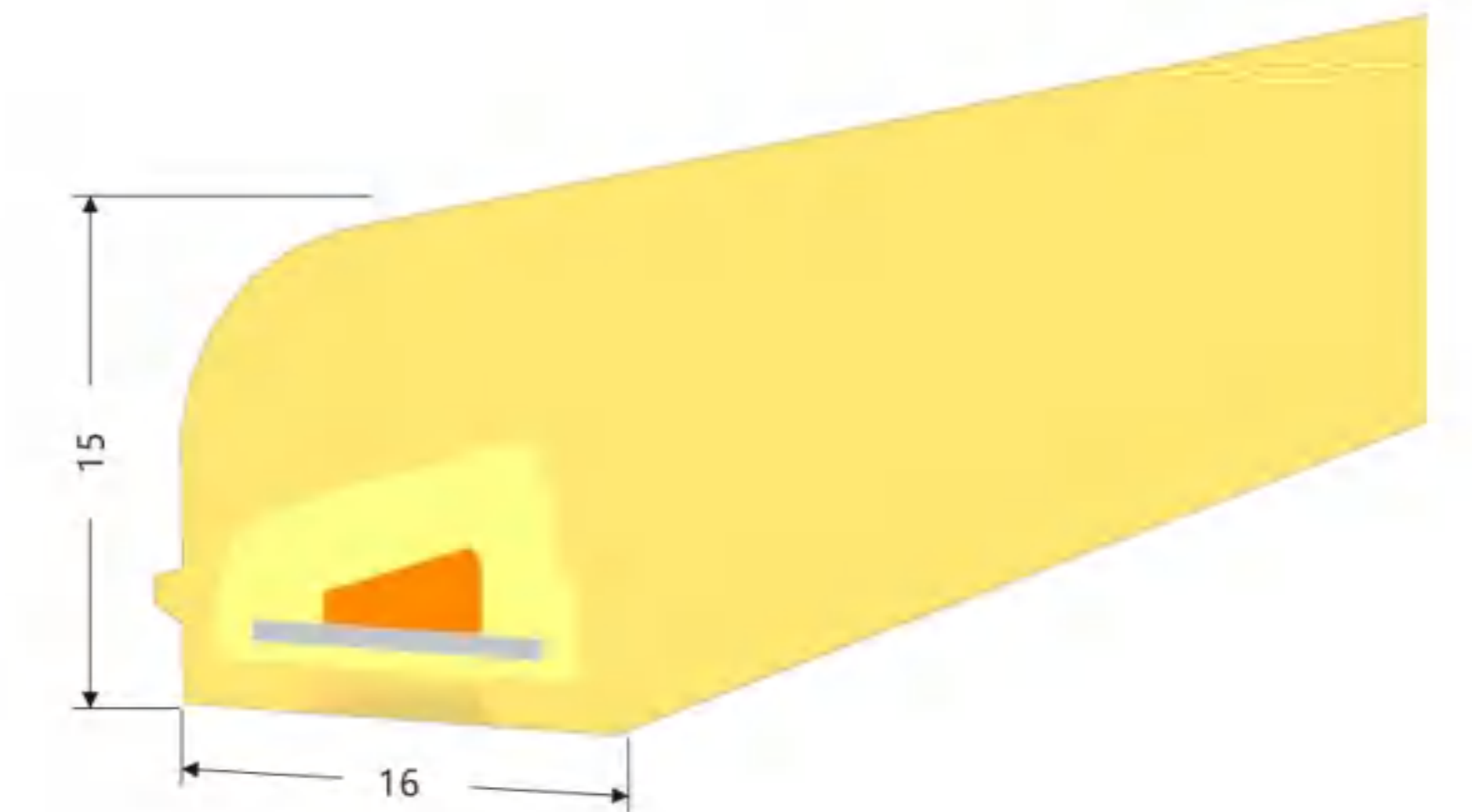


Multicolor

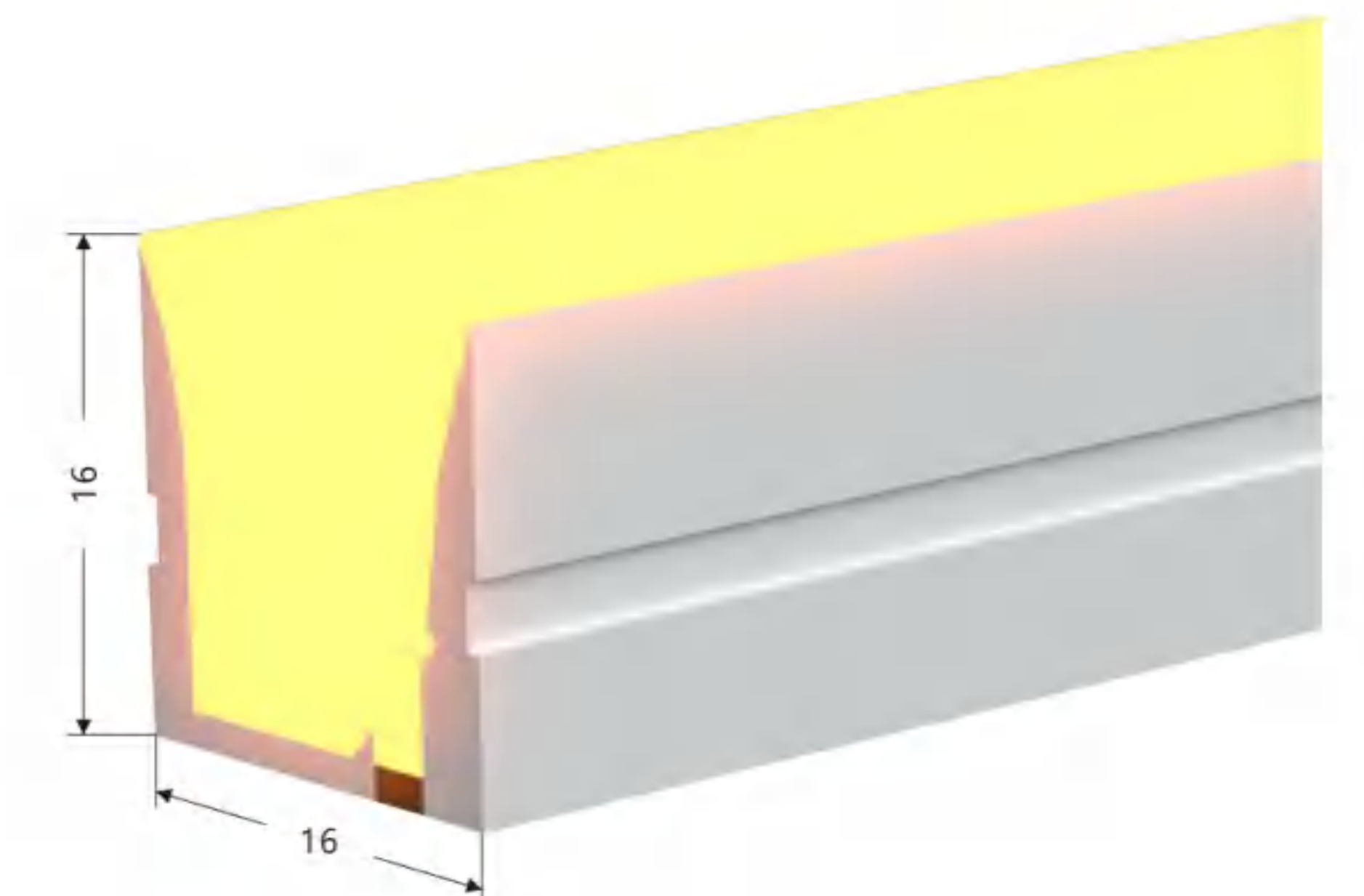
Series	Top Bend
Model	ET-2020
Size	W20*H20MM
FPC Width	12MM
LEDs/M	140/168
Power	14W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	80/120MM
Material	Silicon



Series	Top Bend
Model	ET-1615R
Size	W16*H15MM
FPC Width	10MM
LEDs/M	140/168
Power	12W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	60/80MM
Material	Silicon



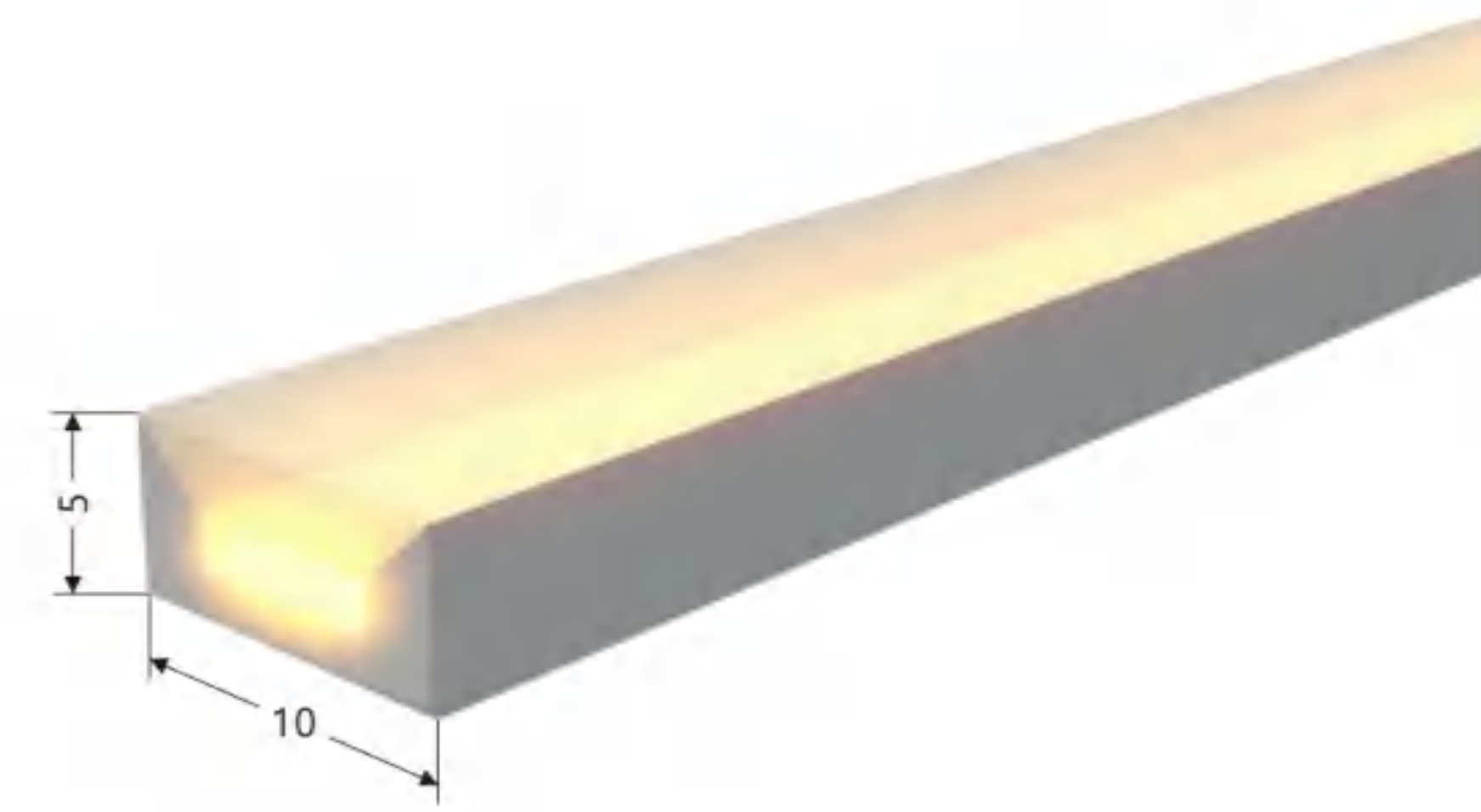
Series	Top Bend
Model	E-3D1616
Size	W16*H16MM
FPC Width	6MM
LEDs/M	>140
Power	7W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	60/80MM
Material	Silicon
Bending	Both top bend and side bend



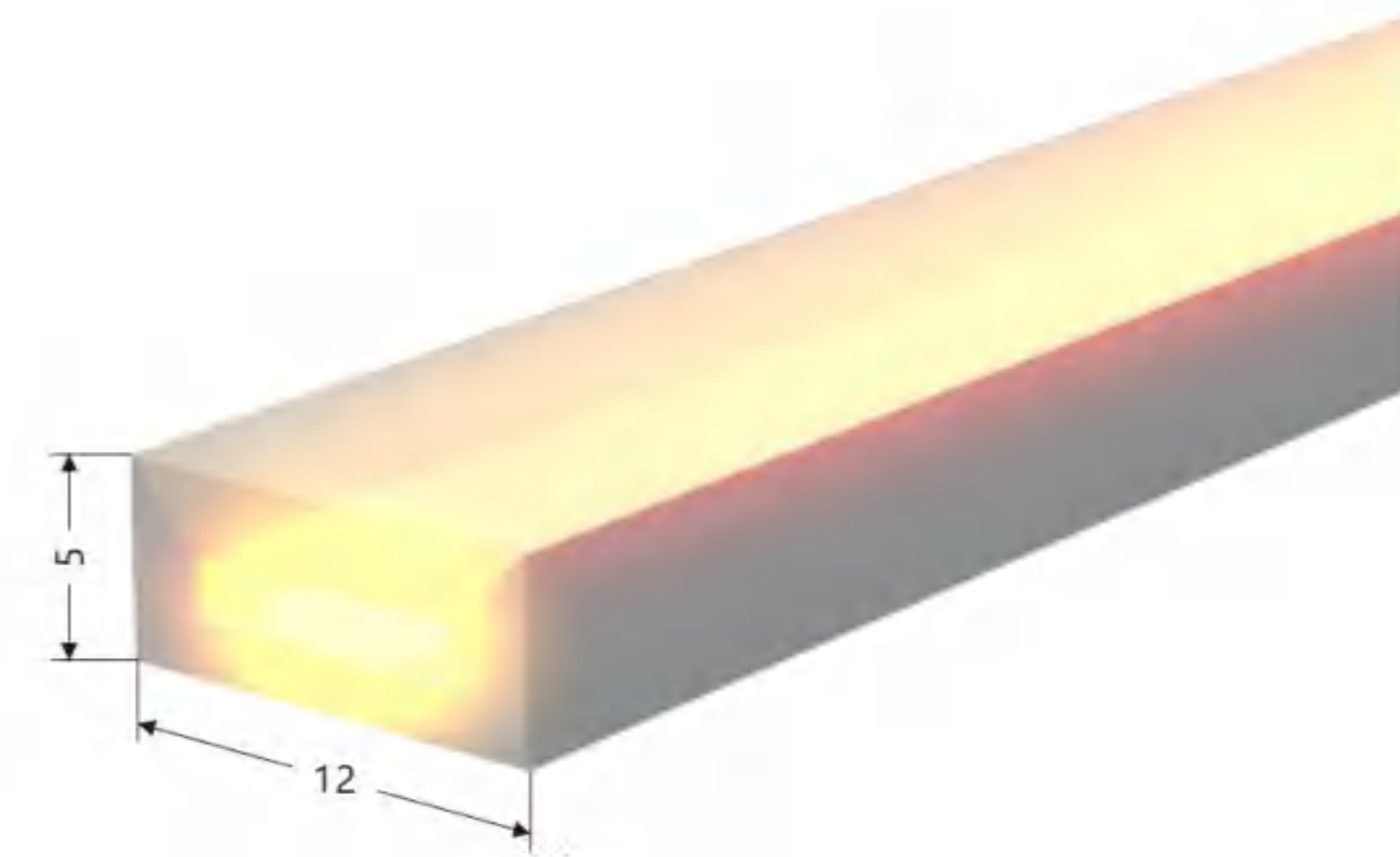
Silicone Tube Size of 30*20mm, 40*25mm and 50*25mm are Optional

Ultra-slim&Hollow Series

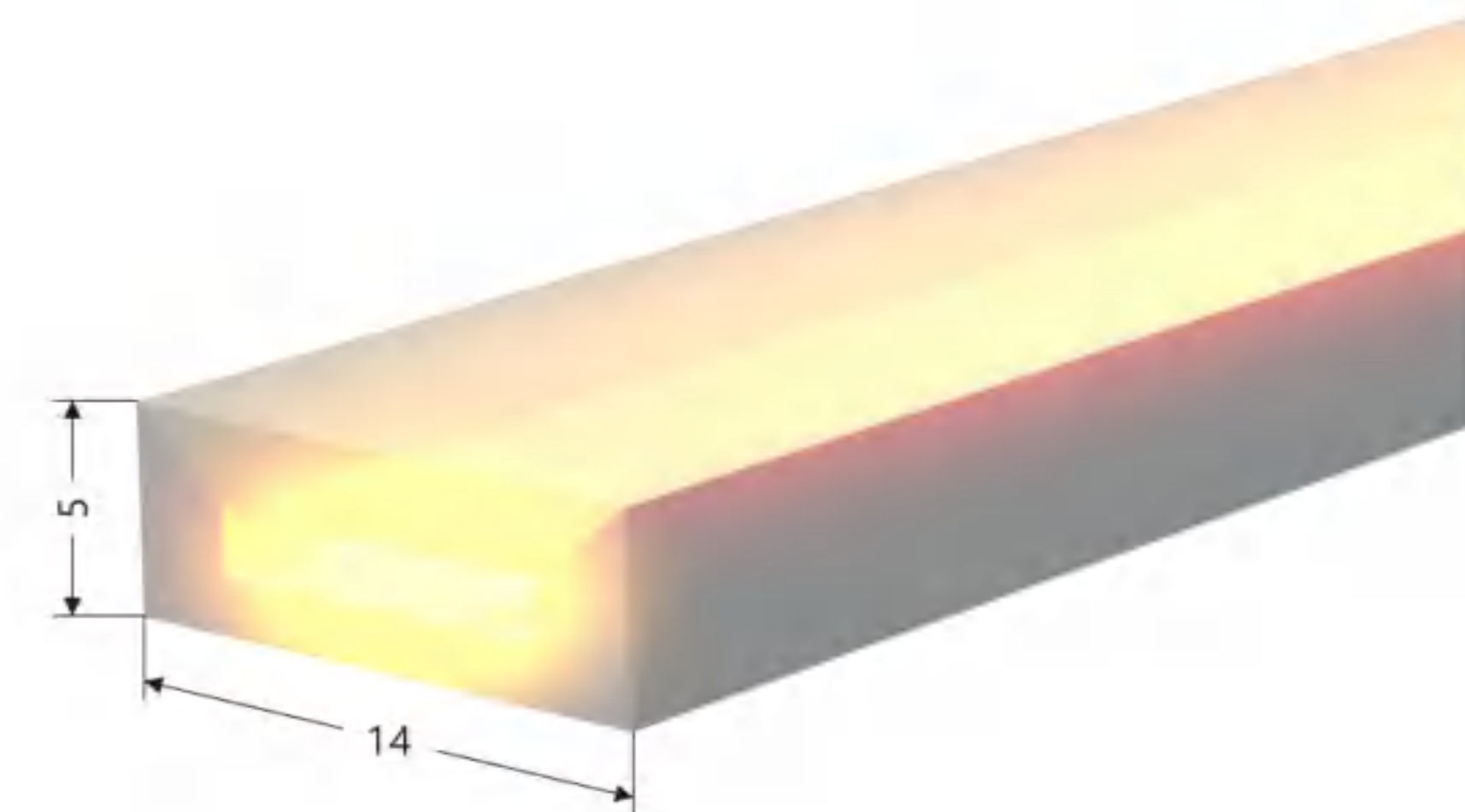
Series	Ultra-slim&Hollow
Model	ET-1005D
Size	W10*H5MM
FPC Width	8MM
LEDs/M	84/120/140
Power	12W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	80/120MM
Material	Silicon



Series	Ultra-slim&Hollow
Model	ET-1205D
Size	W12*H5MM
FPC Width	10MM
LEDs/M	84/120/140
Power	12W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	80/120MM
Material	Silicon

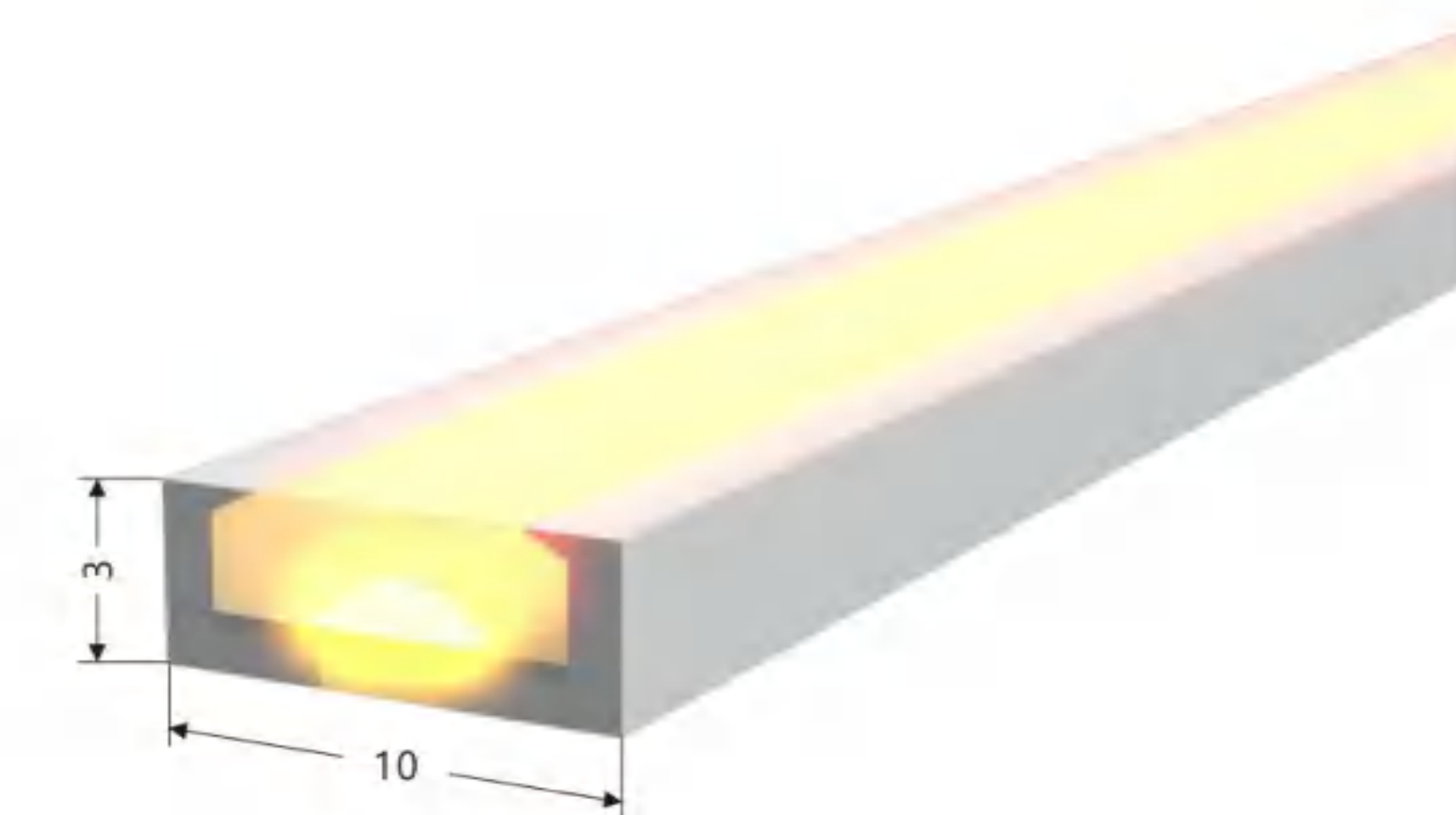


Series	Ultra-slim&Hollow
Model	ET-1405D
Size	W14*H5MM
FPC Width	12MM
LEDs/M	84/120/140
Power	12W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	80/120MM
Material	Silicon



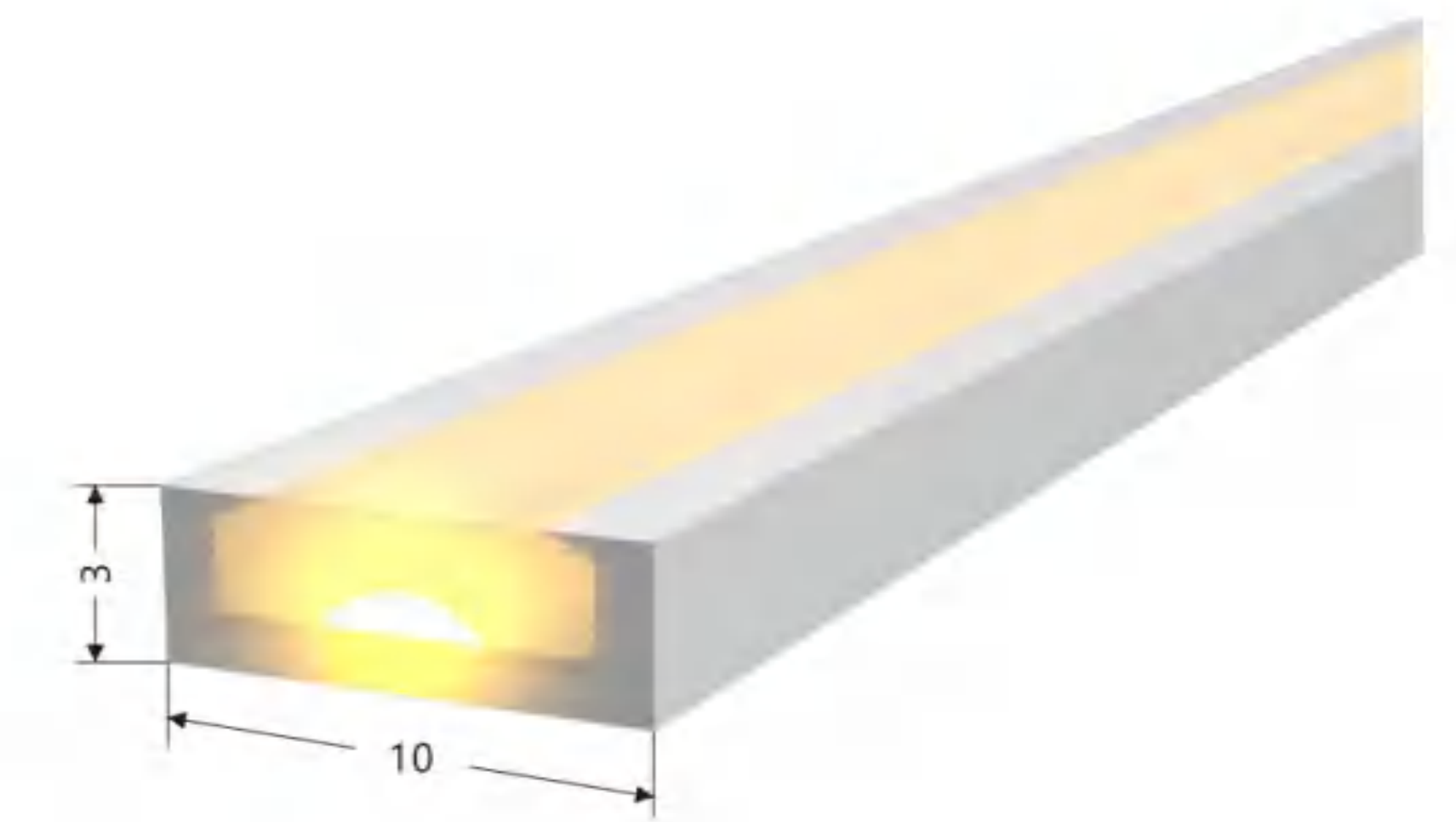
Top-Bend COB Series

Series	Top-Bend COB
Model	ET-1003A
Size	W10*H3MM
FPC Width	8MM
LEDs/M	84/120/140
Power	10W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	80/120MM
Material	Silicon

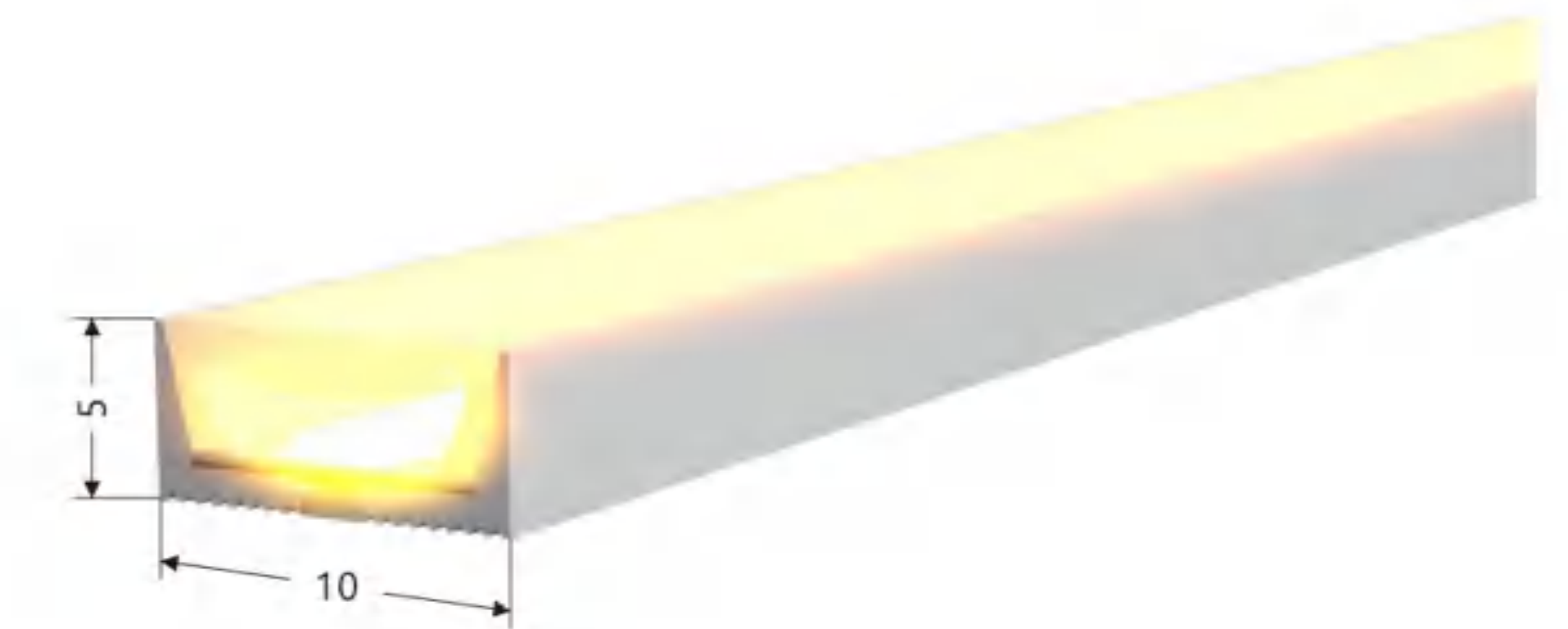


Multicolor

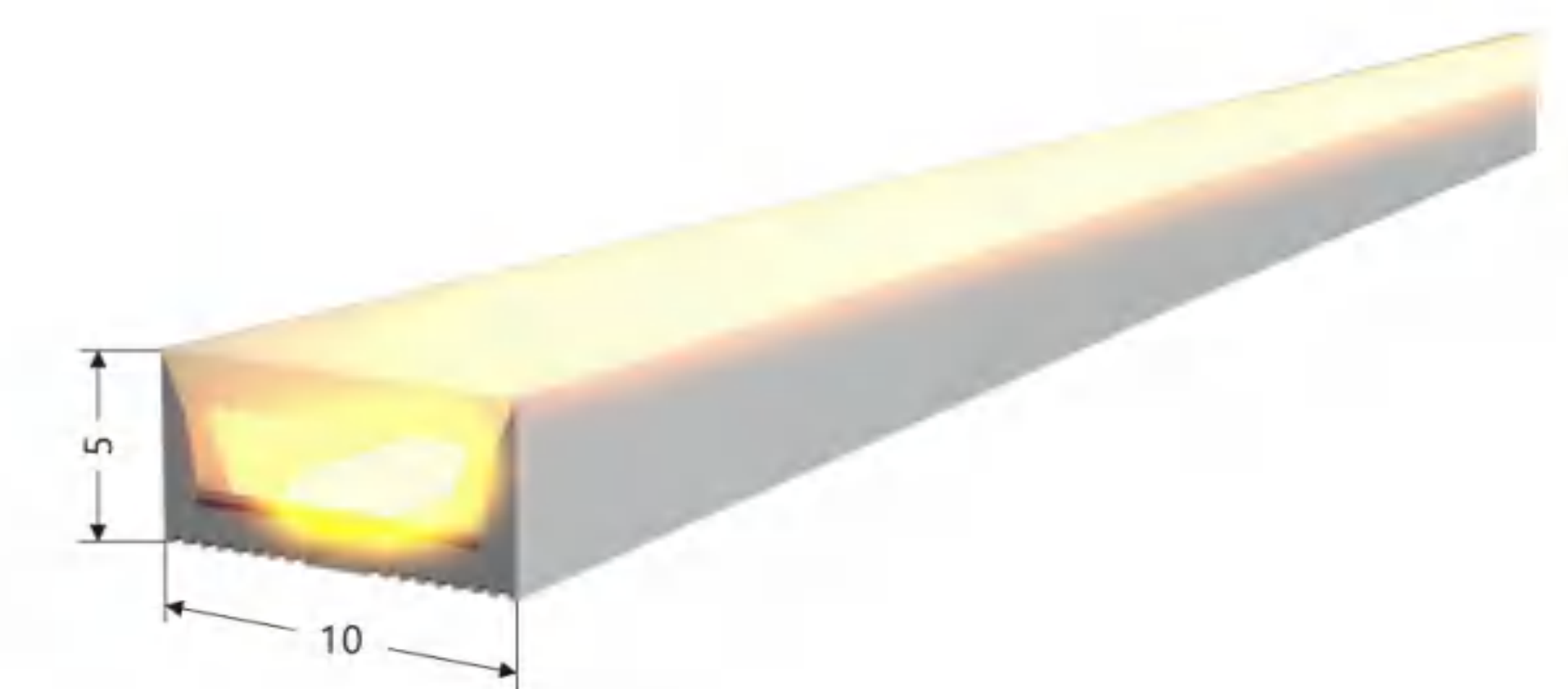
Series	Top-Bend COB
Model	ET-1003B
Size	W10*H3MM
FPC Width	8MM
LEDs/M	140/168
Power	10W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	80/120MM
Material	Silicon



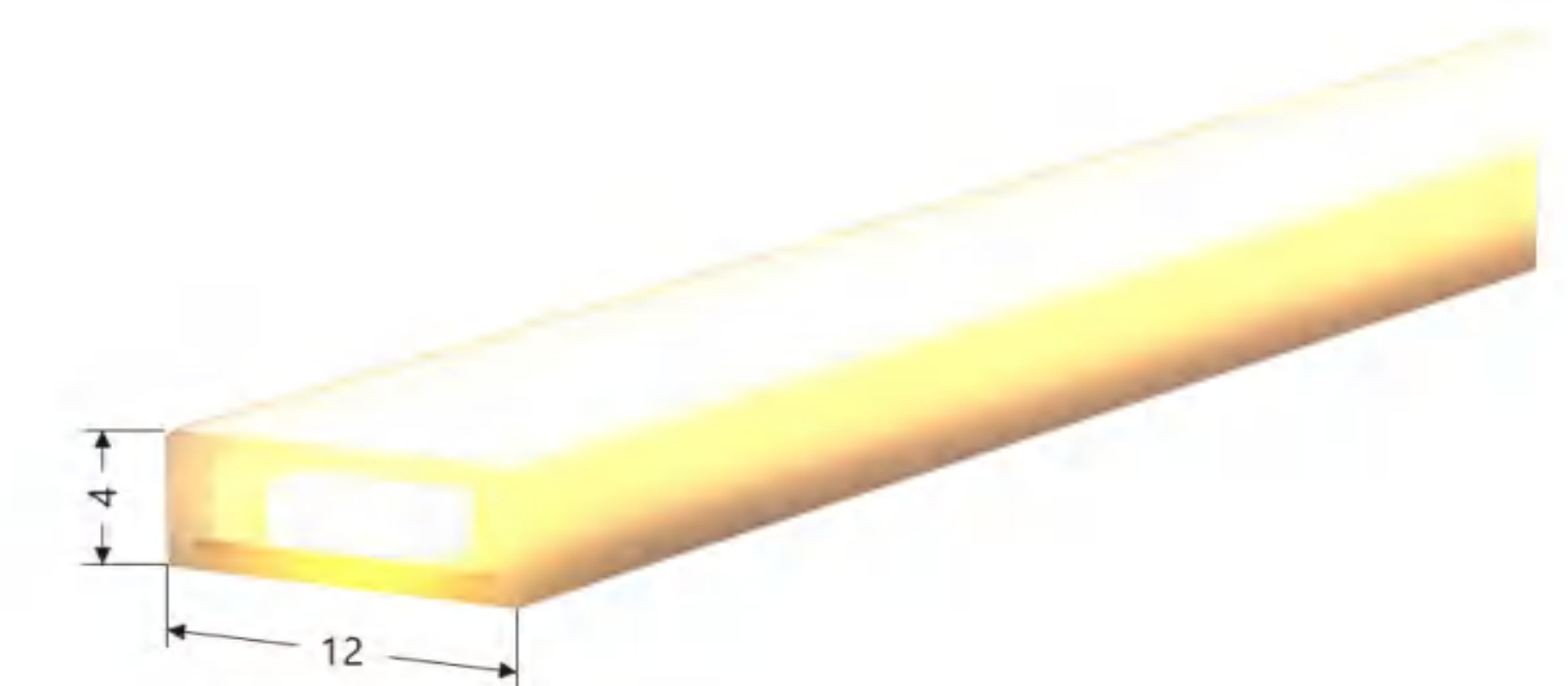
Series	Top-Bend COB
Model	ET-1005A
Size	W10*H5MM
FPC Width	8MM
LEDs/M	140/168
Power	10W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	80/120MM
Material	Silicon



Series	Top-Bend COB
Model	ET-1005B
Size	W10*H5MM
FPC Width	8MM
LEDs/M	140/168
Power	10W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	60/80MM
Material	Silicon

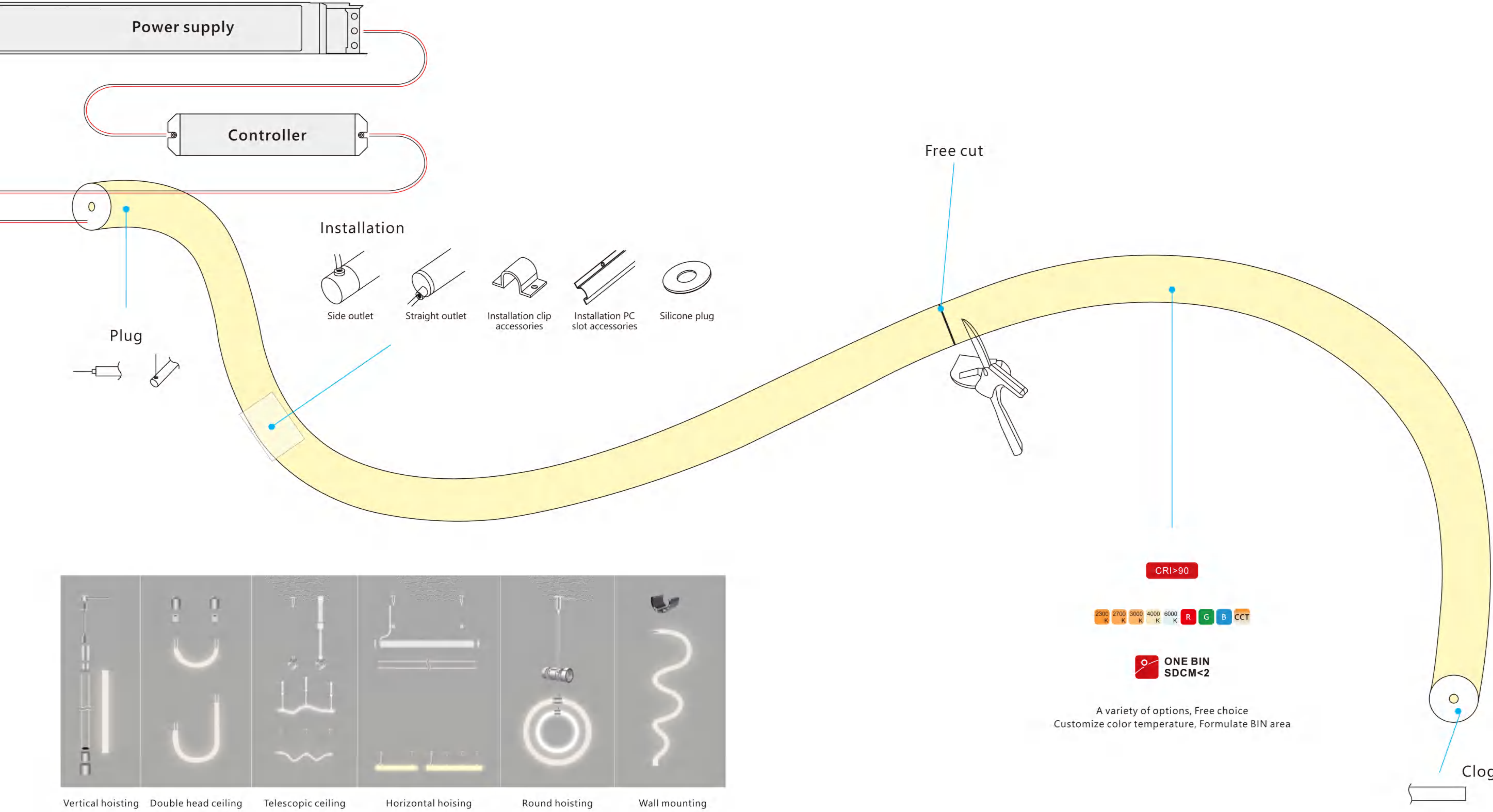


Series	Top-Bend COB
Model	ET-1204D
Size	W12*H4MM
FPC Width	10MM
LEDs/M	>140
Power	10W/M
CCT/Color	
CRI	>90
IP Rating	IP67
Min Bending radius	60/80MM
Material	Silicon

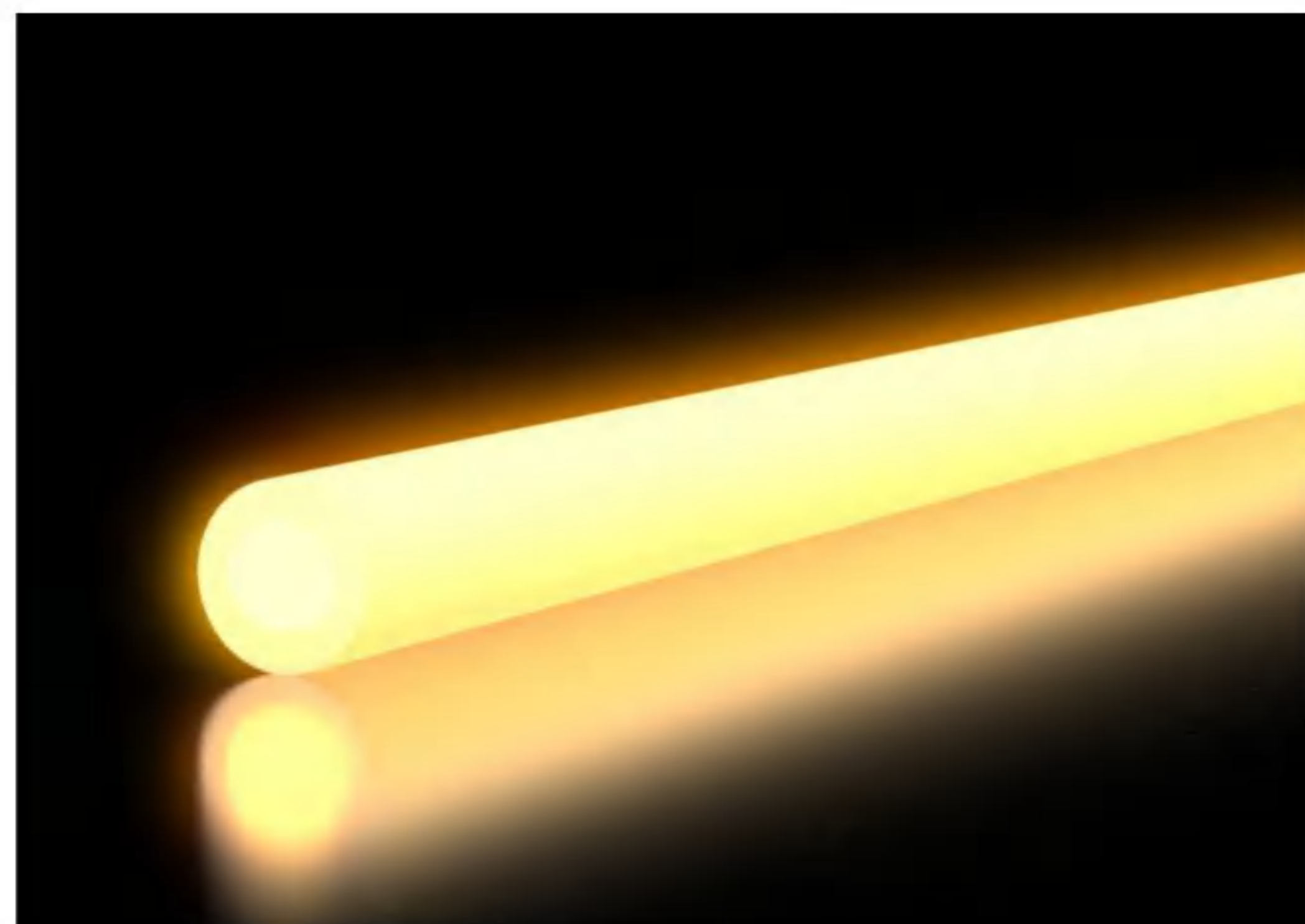


Multicolor

360° SILICONE NEON STRIP LIGHT SOLUTION



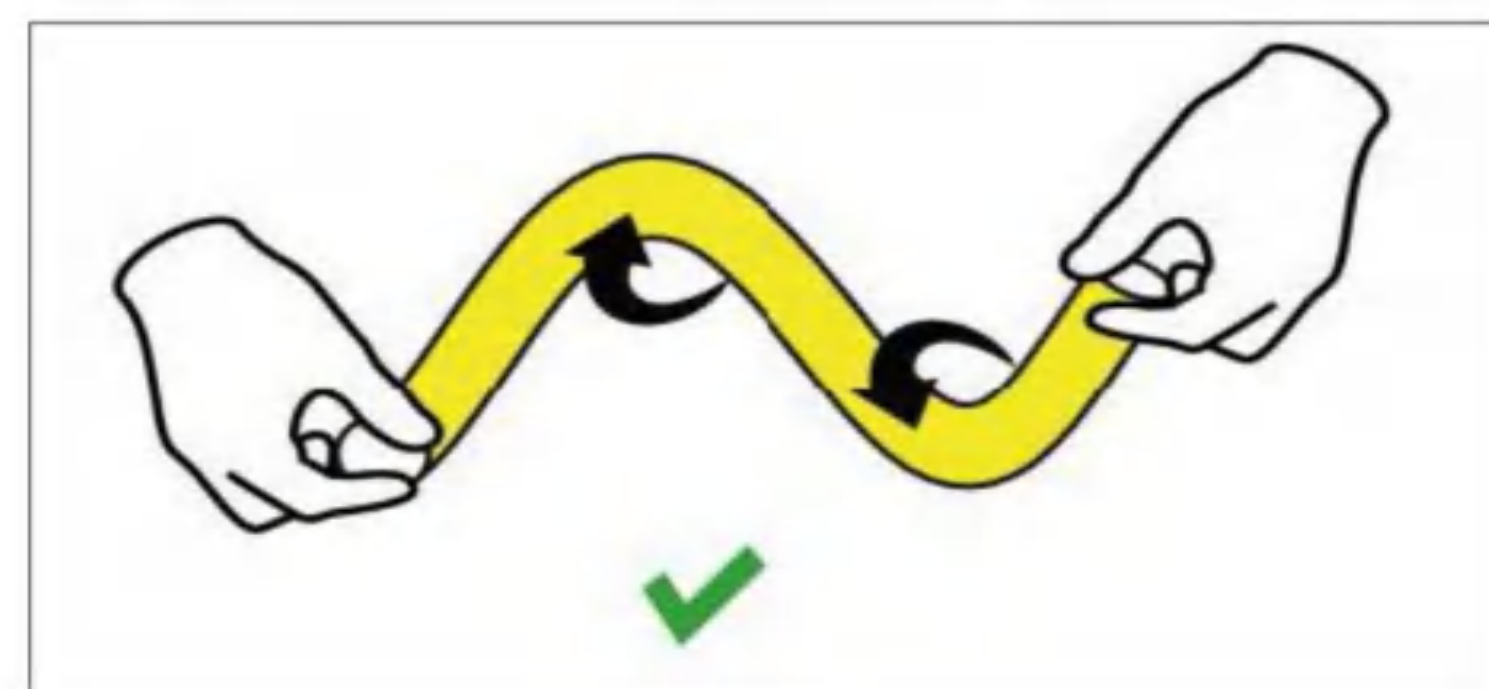
Multicolor



Model	D23
Diameter	23mm
Voltage	DC24V
Power	15W/M
FPC Width	6mm/8mm
Standard Length	5000mm/10000mm
Color	
Waterproof	IP65
Min Bending Radius(mm)	≥120
CRI	>90

Feature:

1. 360 degree Ultra Flexible Bending



360 Degree Luminescence

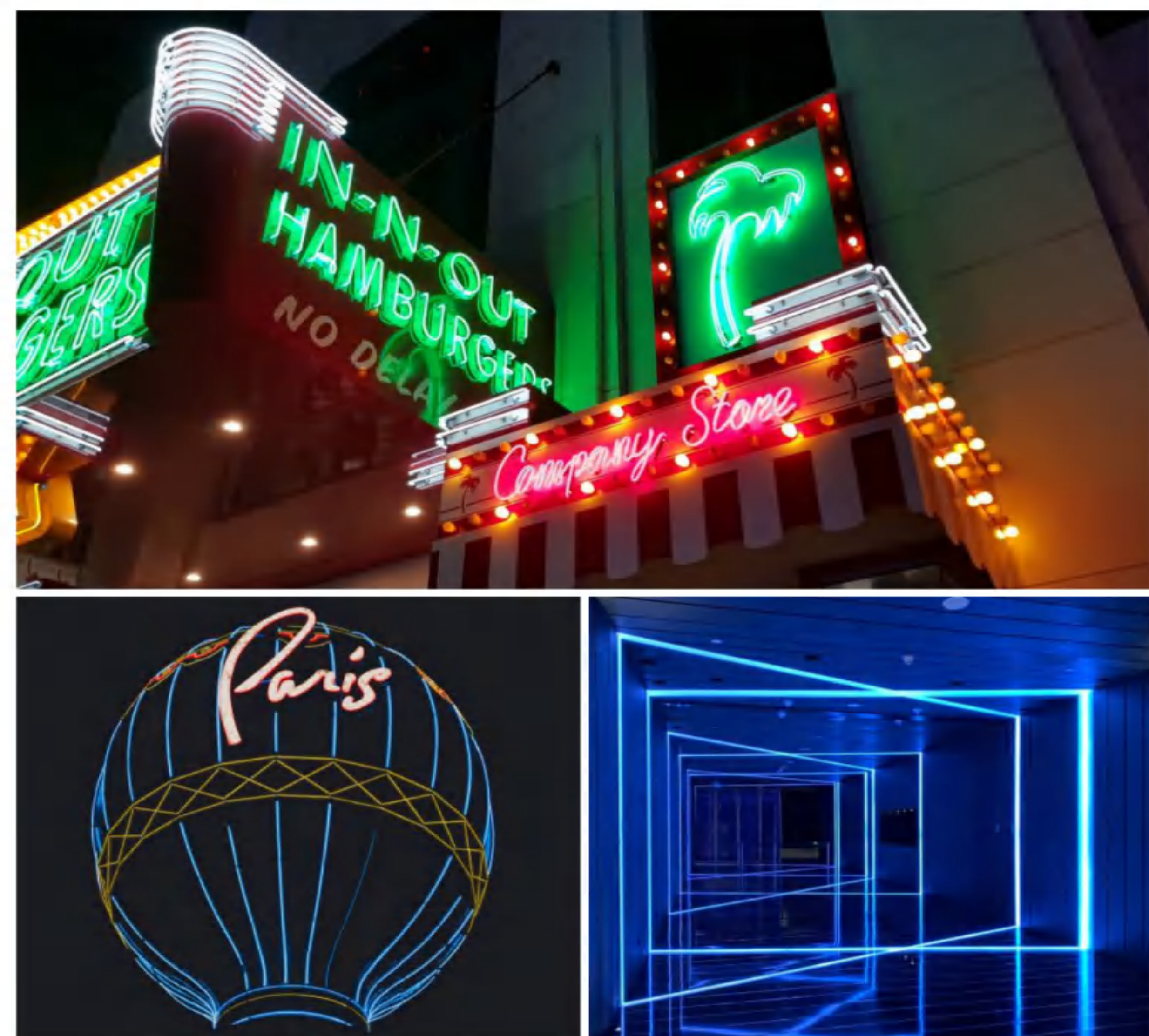
More Diameter Options: D18/D25/D40



2. Optional Multi Color:



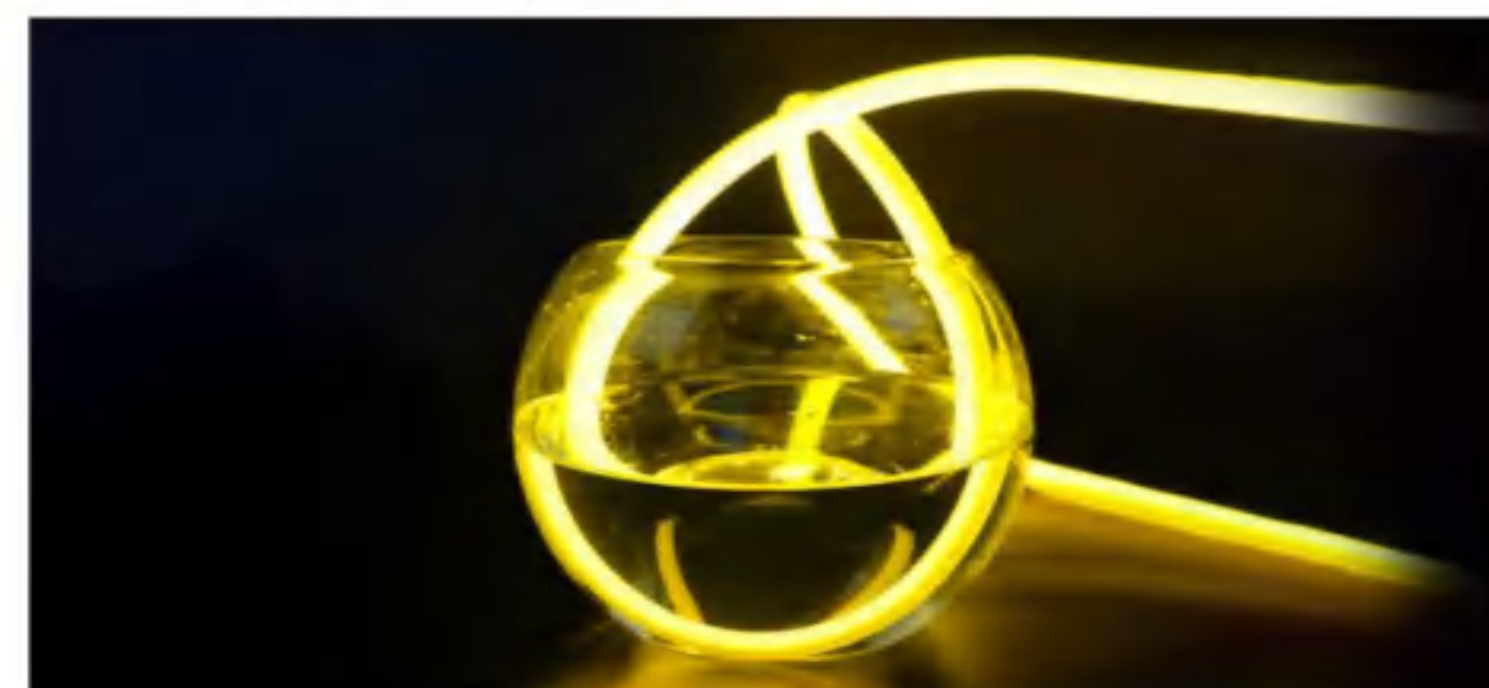
Application Scenarios:



3. Ultra Uniform Lighting

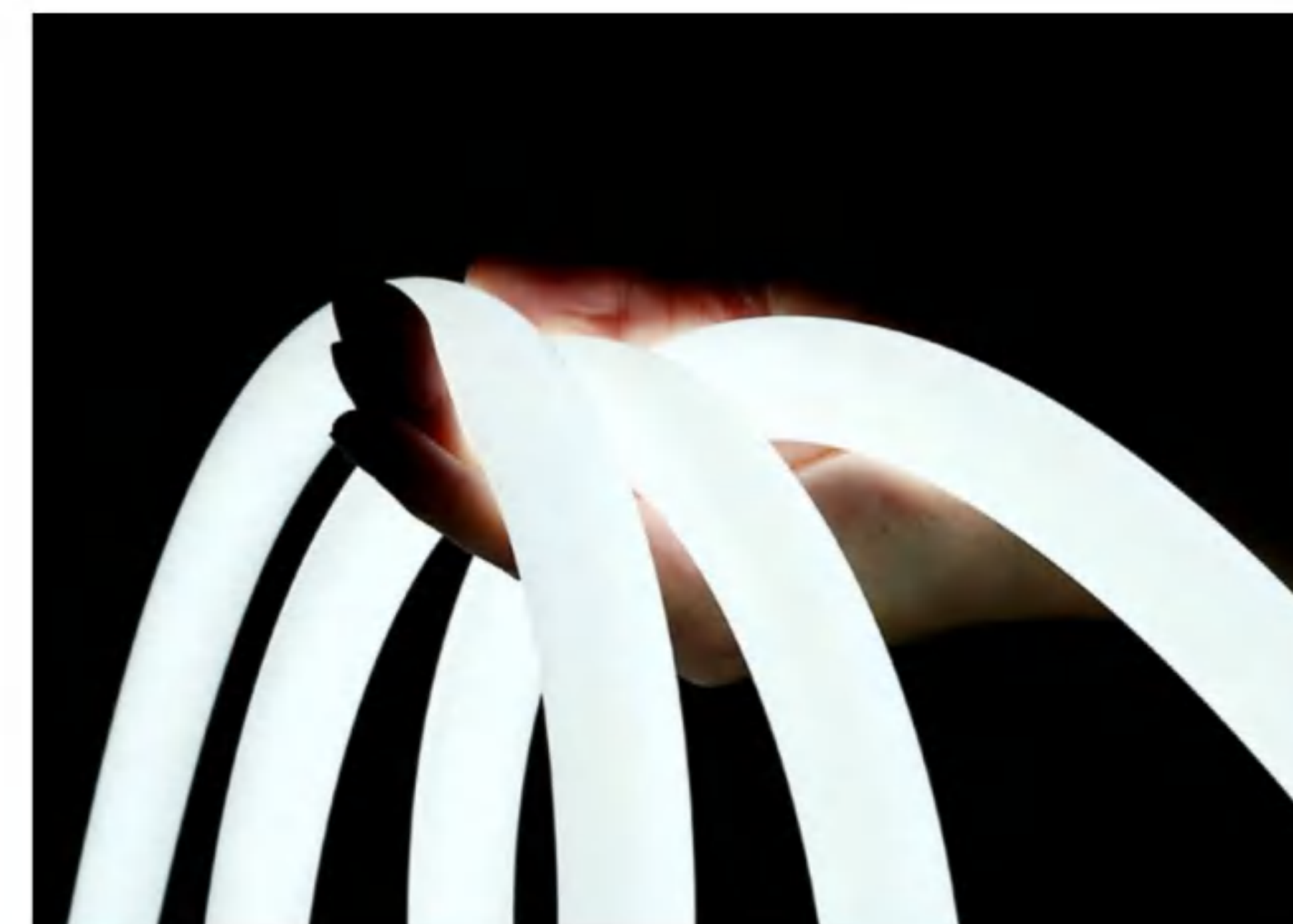


4. IP65 High Waterproof Grade



- UV Resistant
- Solvent Resistant
- Ambient -20~+45°C
- Indoor/Door
- Dimmable
- Saltwater Resistant
- Flame Resistant
- Waterproof IP67

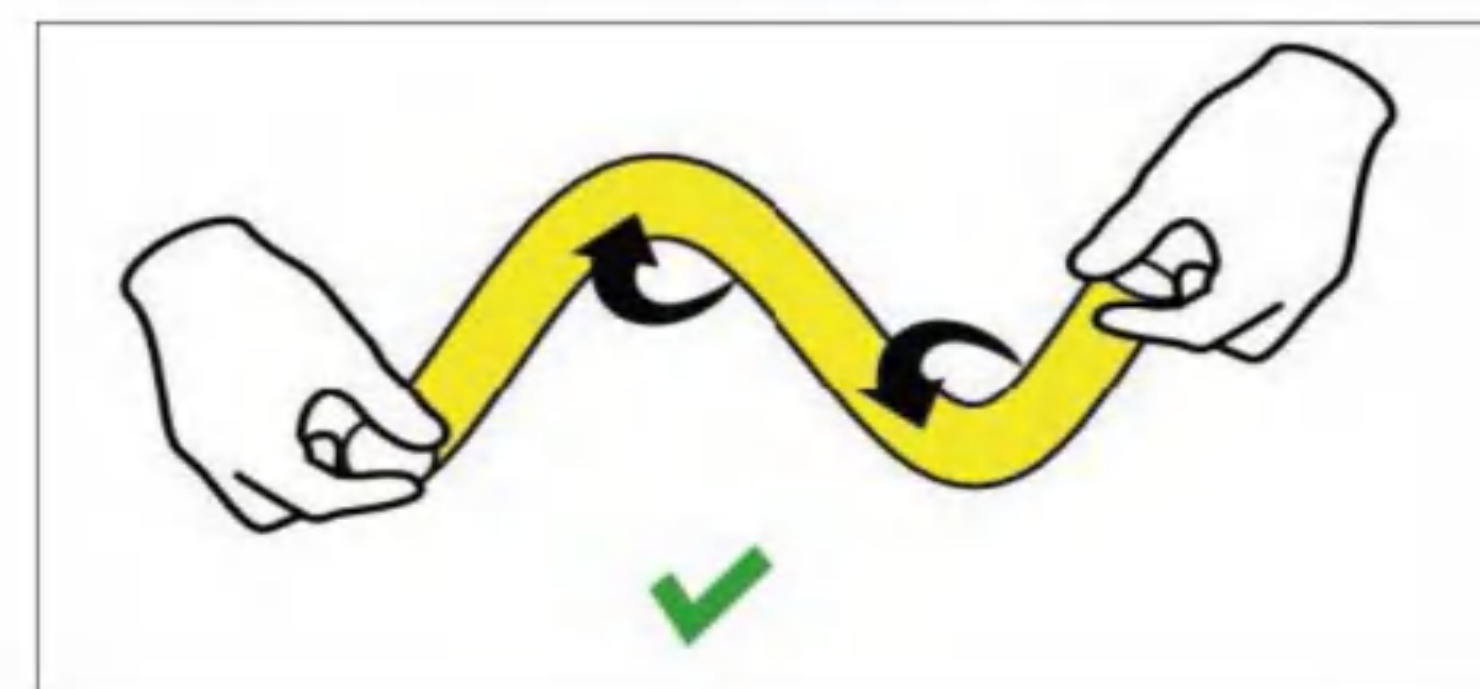
Multicolor



Model	D18
Diameter	18mm
Voltage	DC24V
Power	15W/M
FPC Width	6mm
Standard Length	5000mm
Color	
Waterproof	IP65
Min Bending Radius(mm)	≥120
CRI	>90

Feature:

1. 360 degree Ultra Flexible Bending



360 Degree Luminescence

More Diameter Options: D23/D25/D40



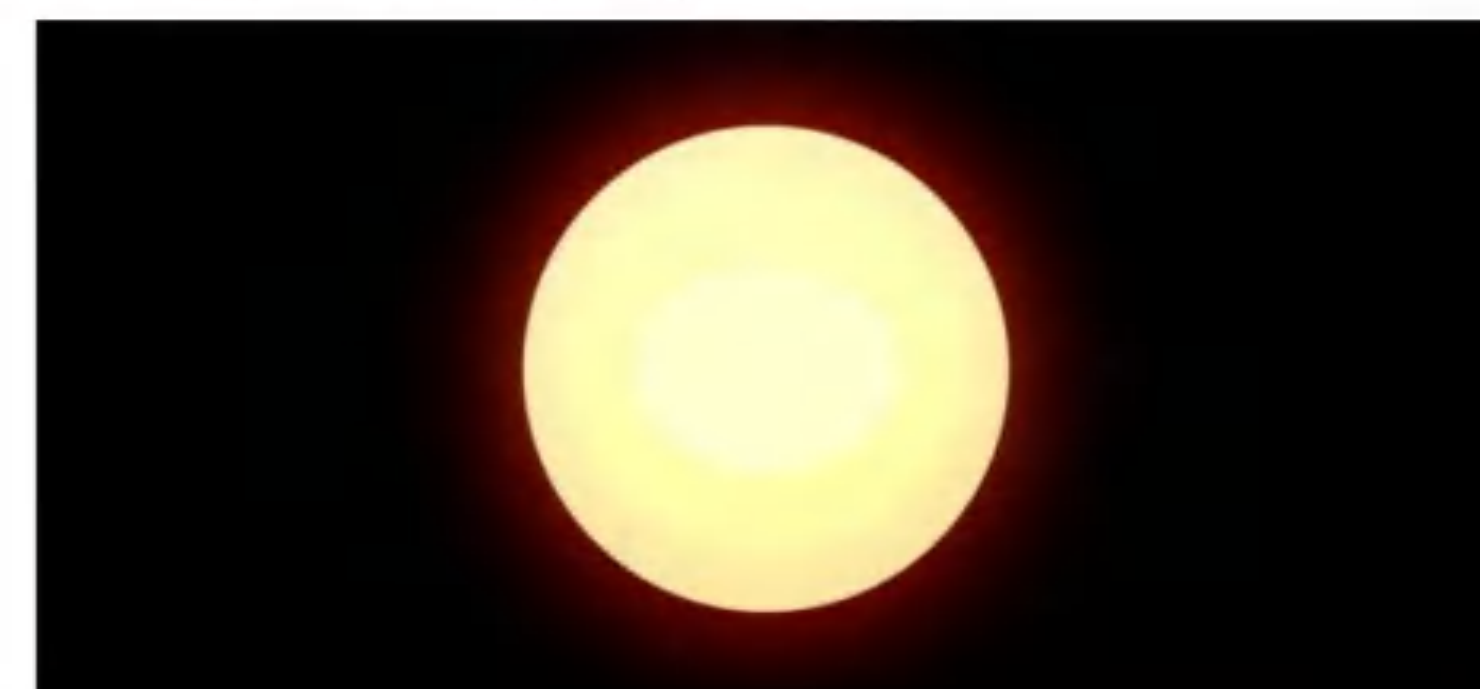
2. Optional Multi Color:



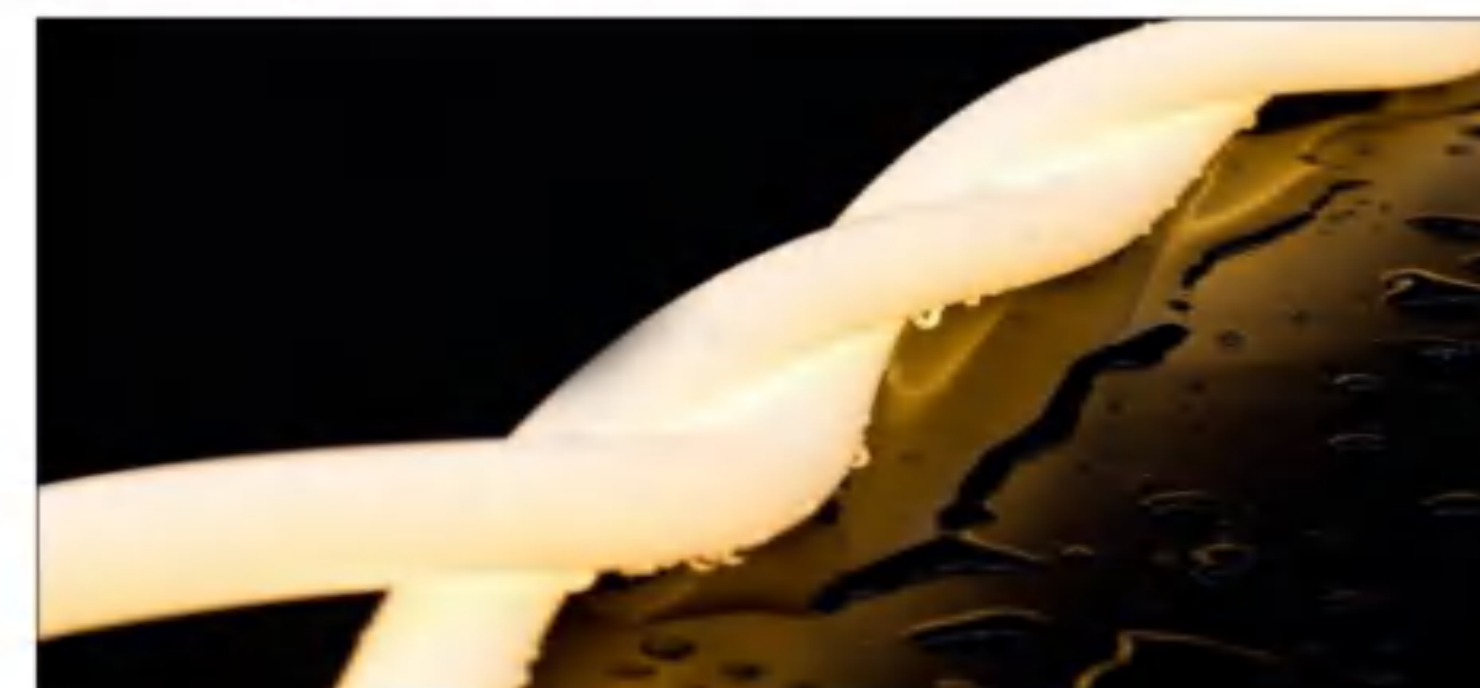
Application Scenarios:



3. Ultra Uniform Lighting



4. IP65 High Waterproof Grade



- UV Resistant
- Solvent Resistant
- Ambient -20~+45°C
- Indoor/Door
- Dimmable
- Saltwater Resistant
- Flame Resistant
- Waterproof IP67