

# LED STRIP CATALOGUE

JUNE, 2018



MINH TUONG TECHNOLOGY (DISTRIBUTOR)

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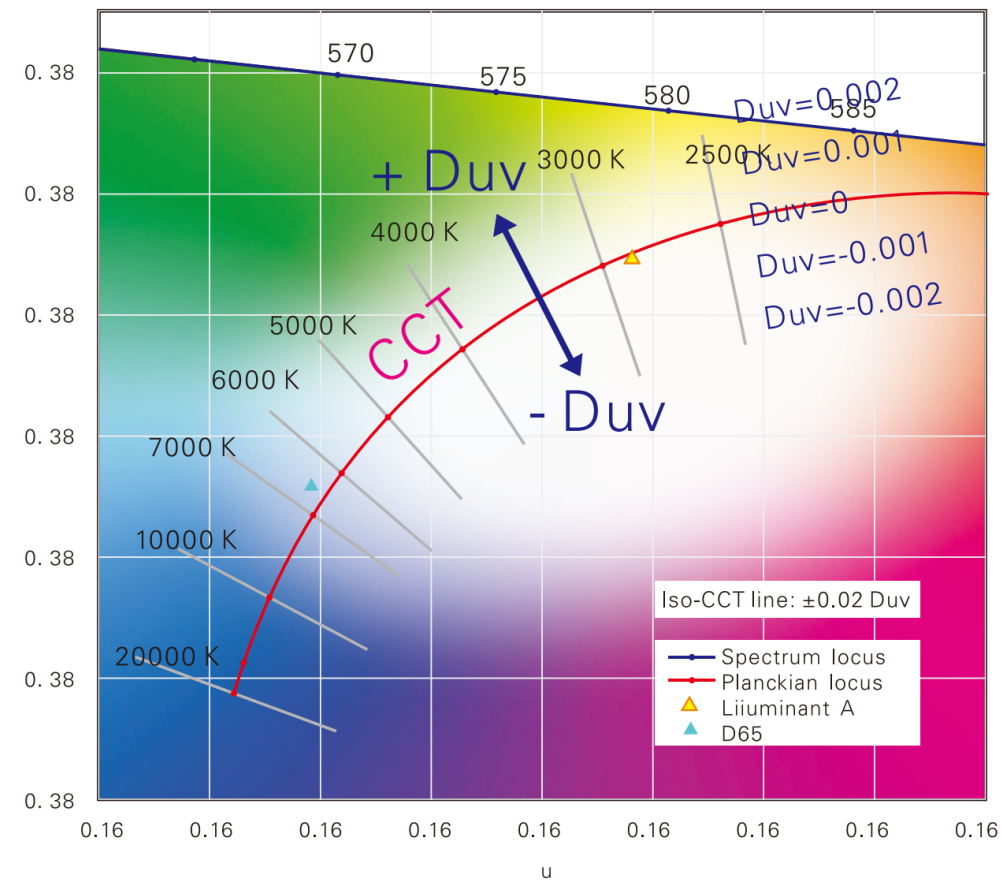
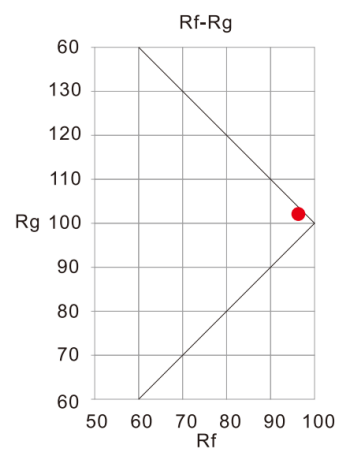
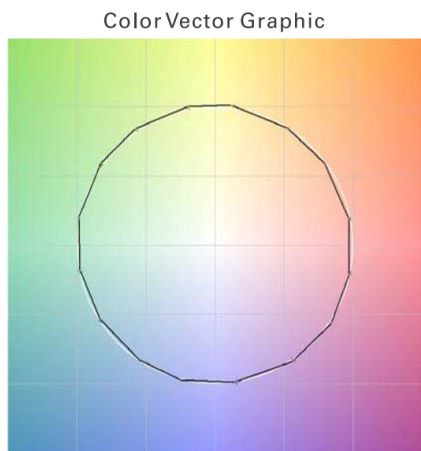
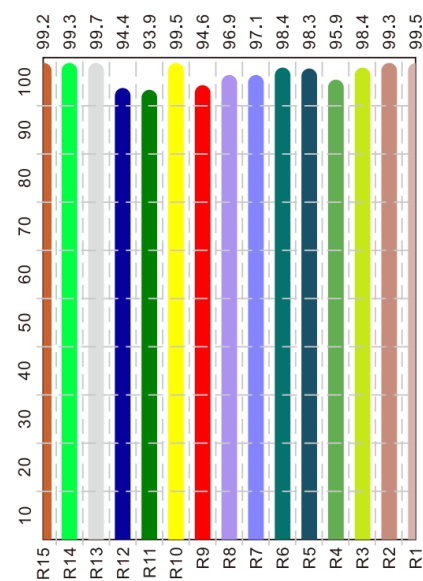
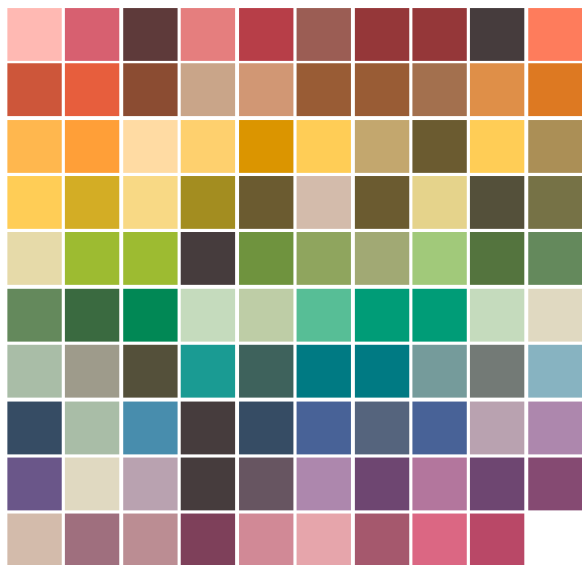
[W]: [www.mt-light.com](http://www.mt-light.com)

[E]: [info@mt-light.com](mailto:info@mt-light.com)

# HIGH COLOR SATURATION SERIES

Full spectrum strip

DUV



CRI



Ra80



Ra90



Ra95

Good color uniformity, compliant with 3 step MacAdam ellipse  
Excellent and saturated color, IES-TM-30-15  
CRI>95 ,R1~R15>90  
Rf(Color Fidelity)>95, high reducibility type  
Rg(Gamut)>100, High saturation  
High color revivification degree

# ILLUSTRATIVE SYMBOL



Input voltage DC12V



CRI option



Input voltage DC24V



CRI option



Input voltage DC48V



Beam angle vertical



Input voltage DC12V or DC24V



Beam angle horizontal



CE compliant



3 step MacAdam ellipse



UL compliant



Warranty



1 Bin only



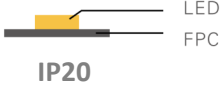
Dimmable



LM compliant



CRI option



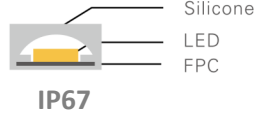
**Naked strip**  
Applicable to dry environment



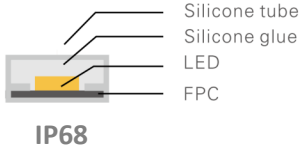
**Gel coating**  
Applicable to damp environment



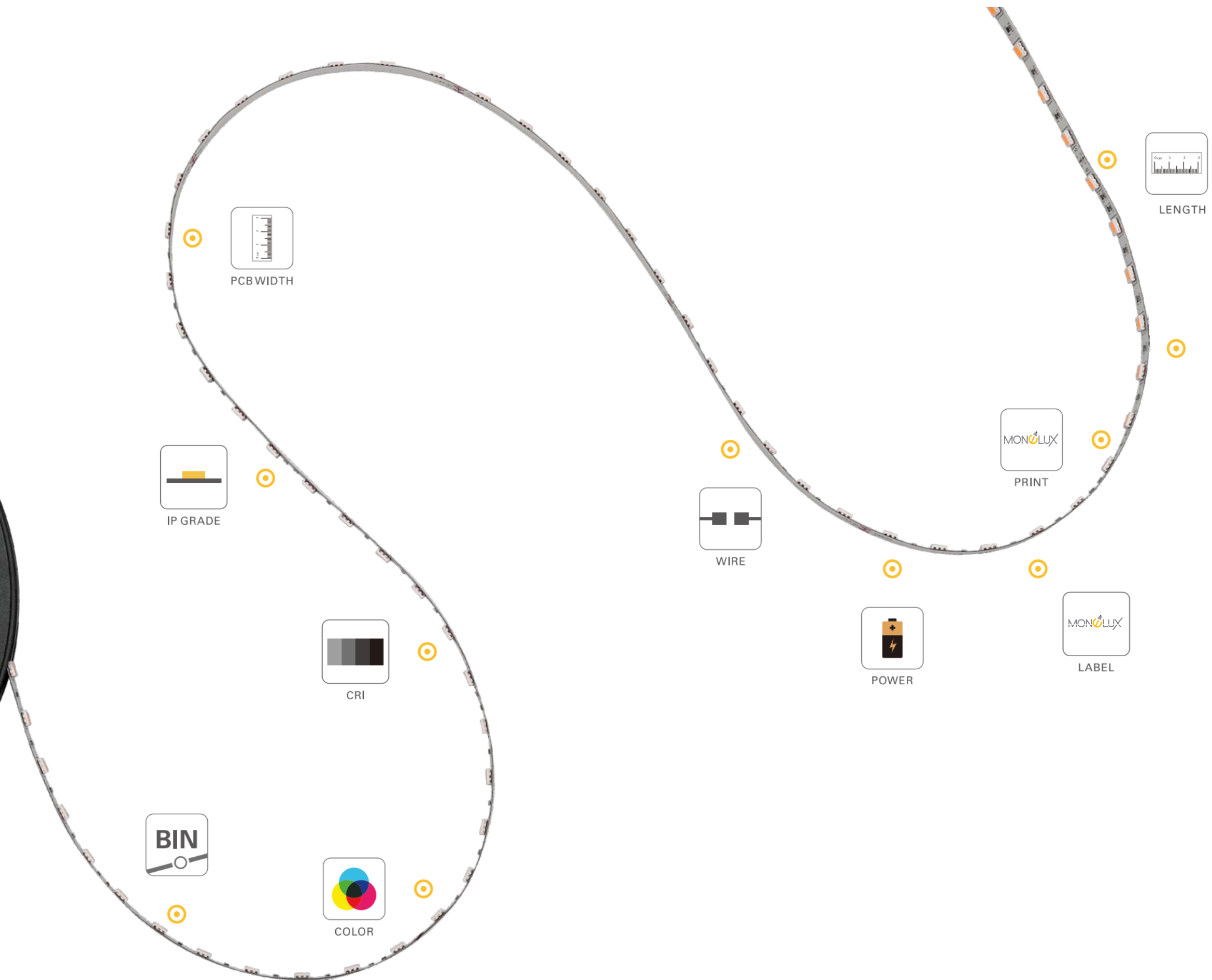
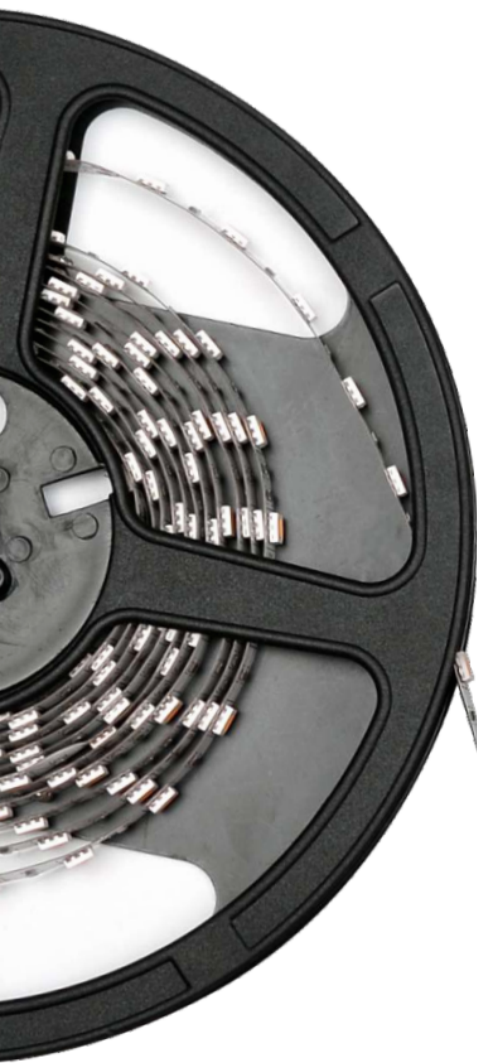
**Silicone tube**  
Applicable to water environment



**Extrusion molding**  
Under water (with short time)



**Silicone filling**  
Under water (with short time)





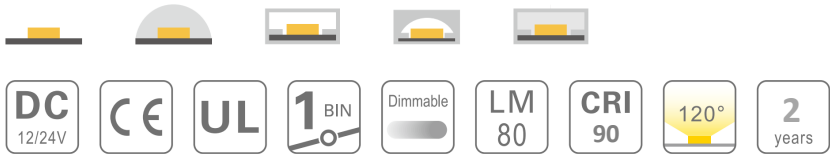
# SMD 2835 SERIES

Our basic series of 2216 LED strips are with such features: 120 leds/m, 8mm PCB, Ra90. Compare with traditional SMD3528 strips, SMD2216 LED strips do better in power and CRI

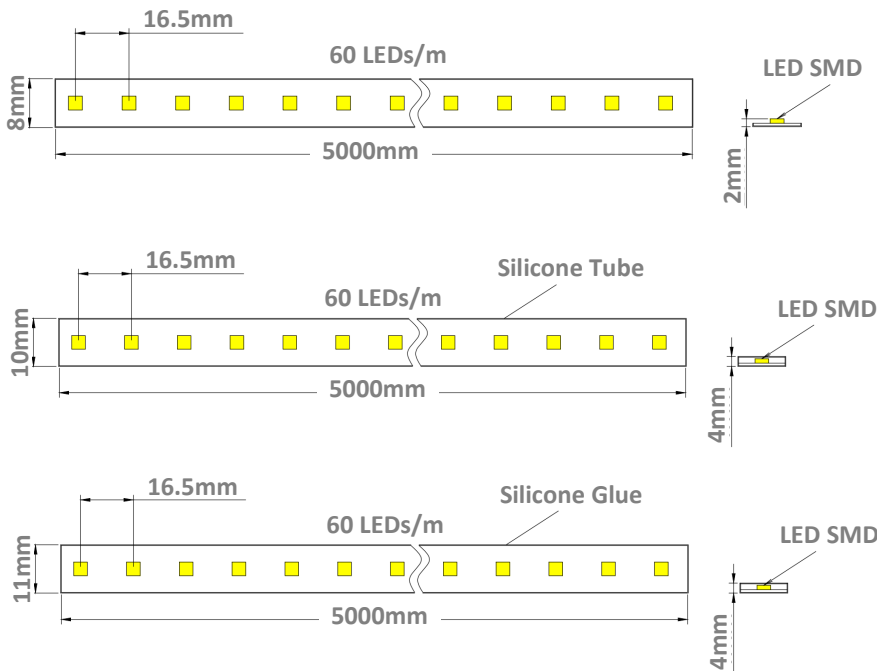


## 2216 Top LED

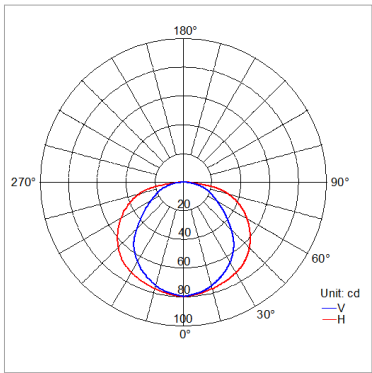
(60 Leds/m)



### Dimension



### Photometric



### Electrical & Output Data

Number LED/m	60
Voltage (V)	12/24 VDC
CRI/Ra	90
Beam Angle	120
Power (W/m)	7
Lumen (lm/m)	470
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

### Product code






ST **XXXX** - **XX** - **XX** - **XX**  
CTT: 2700/3000/4000/6000  
IP Rate: 20/65/68  
LED Quantity: 60/120  
LED chip: 2216/2835/3528/3010/5050



2216 Top LED

(120 Leds/m)





DC12/24V

CE

UL

1BIN

Dimmable

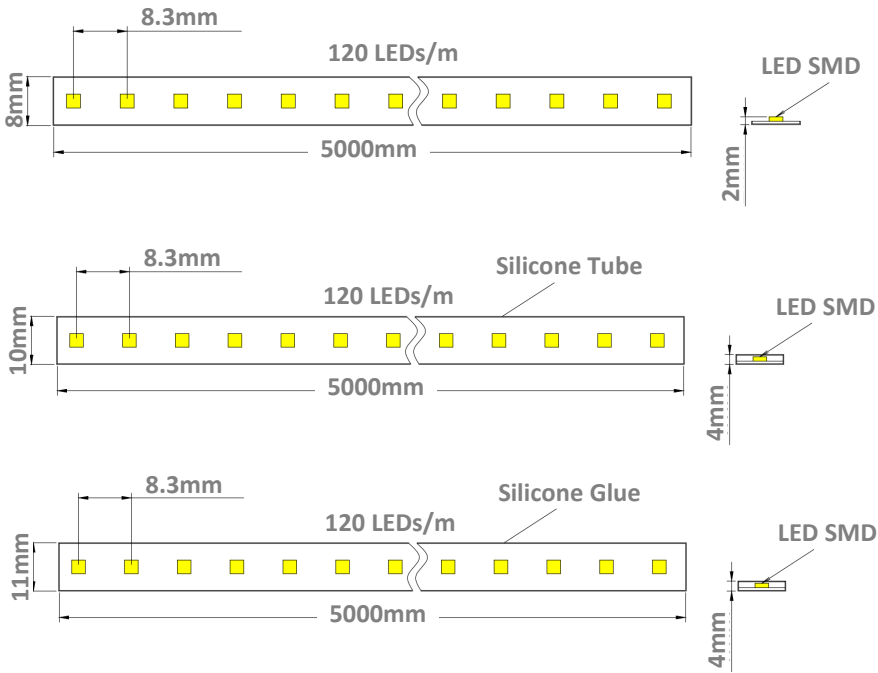
LM80

CRI90

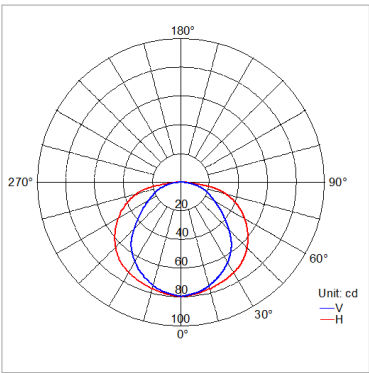
120°

2 years

Dimension



Photometric



Electrical & Output Data

Number LED/m	120
Voltage (V)	12/24 VDC
CRI/Ra	90
Beam Angle	120
Power (W/m)	10
Lumen (lm/m)	735
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code

ST xxxx - xx - xx - xx

CTT: 2700/3000/4000/6000

IP Rate: 20/65/68






LED Quantity: 60/120

LED chip: 2216/2835/3528/3010/5050

2216 Top LED

(180 Leds/m)





DC12/24V

CE

UL

1BIN

Dimmable

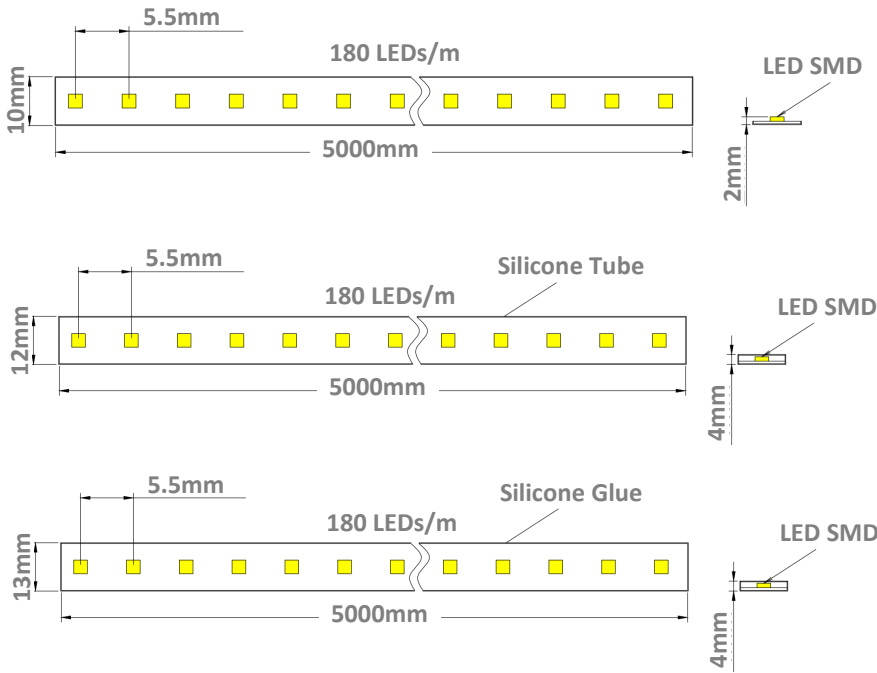
LM80

CRI90

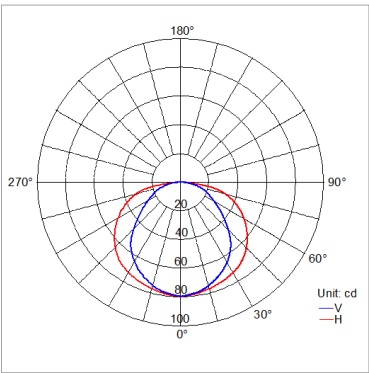
120°

2 years

Dimension



Photometric



Electrical & Output Data

Number LED/m	180
Voltage (V)	12/24 VDC
CRI/Ra	90
Beam Angle	120
Power (W/m)	14.5
Lumen (lm/m)	980
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code

ST xxxx - xx - xx - xx

CTT: 2700/3000/4000/6000

IP Rate: 20/65/68

LED Quantity: 60/120

LED chip: 2216/2835/3528/3010/5050



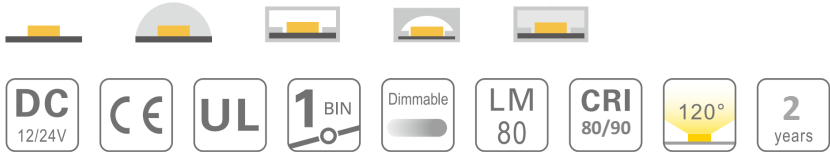
# SMD 2835 SERIES

Because of its advantage of high brightness and good price, SMD2835 chips are widely used for LED strips application

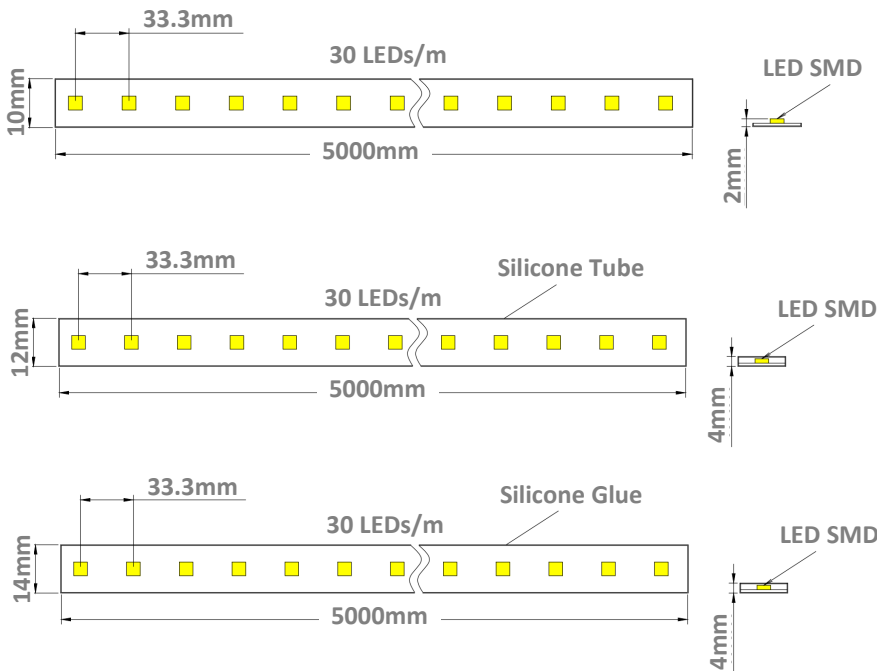


## 2835 Top LED

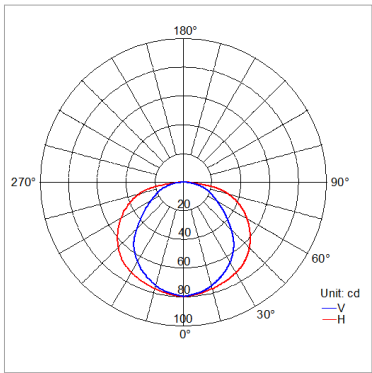
(30 Leds/m)



### Dimension



### Photometric



### Electrical & Output Data

Number LED/m	30
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	7.2
Lumen (lm/m)	590
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

### Product code

ST **XXXX** - **XX** - **XX** - **XX**  
CTT: 2700/3000/4000/6000  
IP Rate: 20/65/68  
LED Quantity: 60/120  
LED chip: 2216/2835/3528/3010/5050

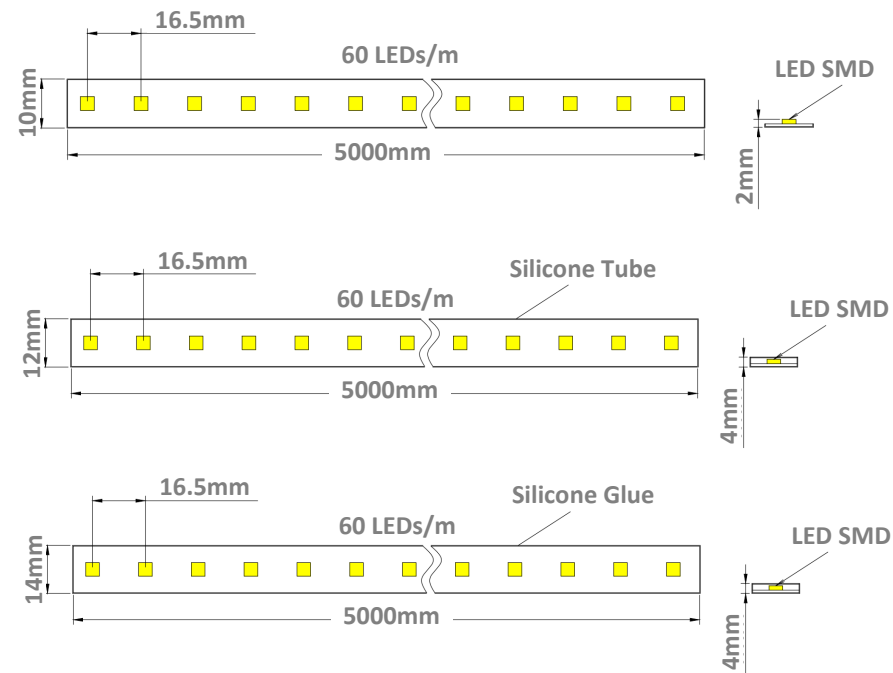


2835 Top LED

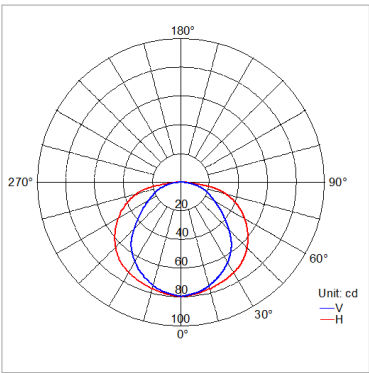
(60 Leds/m)



Dimension



Photometric



Electrical & Output Data

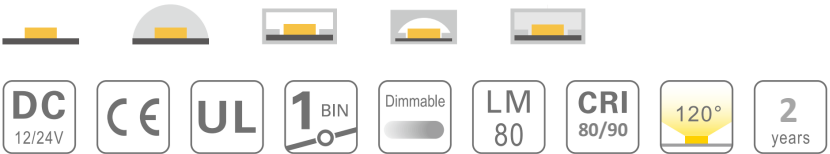
Number LED/m	60
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	14.4
Lumen (lm/m)	1140
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code

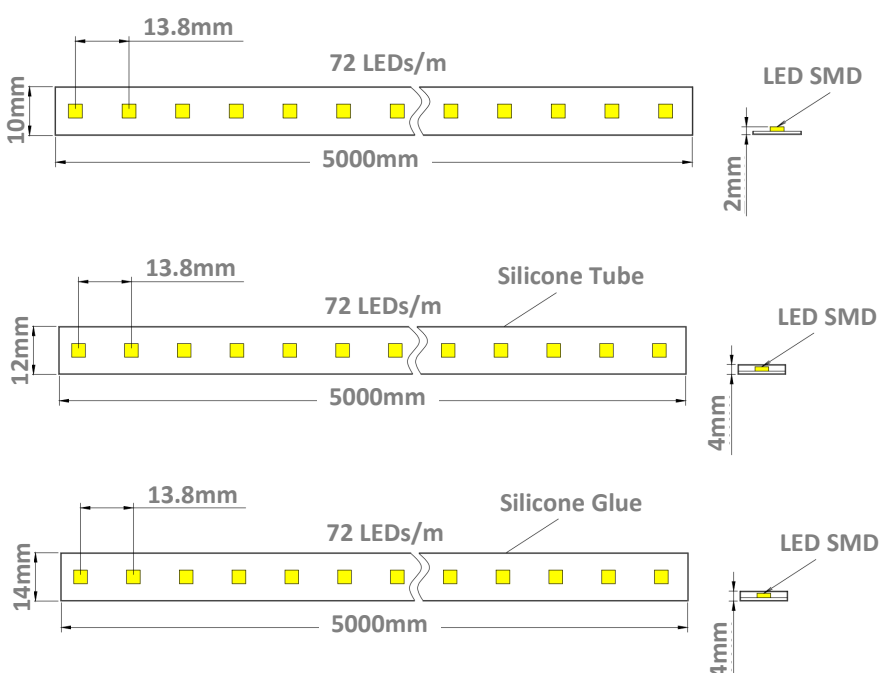
ST xxxx - xx - xx - xx  
CTT: 2700/3000/4000/6000  
IP Rate: 20/65/68  
LED Quantity: 60/120  
LED chip: 2216/2835/3528/3010/5050

2835 Top LED

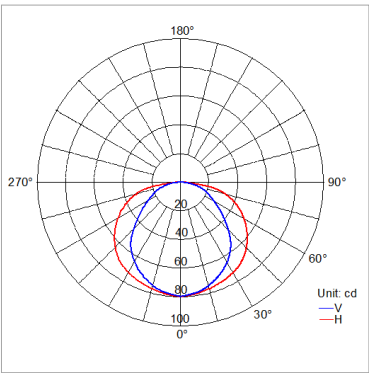
(72 Leds/m)



Dimension



Photometric



Electrical & Output Data

Number LED/m	72
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	17.6
Lumen (lm/m)	1450
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code






ST xxxx - xx - xx - xx  
CTT: 2700/3000/4000/6000  
IP Rate: 20/65/68  
LED Quantity: 60/120  
LED chip: 2216/2835/3528/3010/5050



2835 Top LED

(120 Leds/m)





DC  
12/24V

CE

UL

1  
BIN

Dimmable

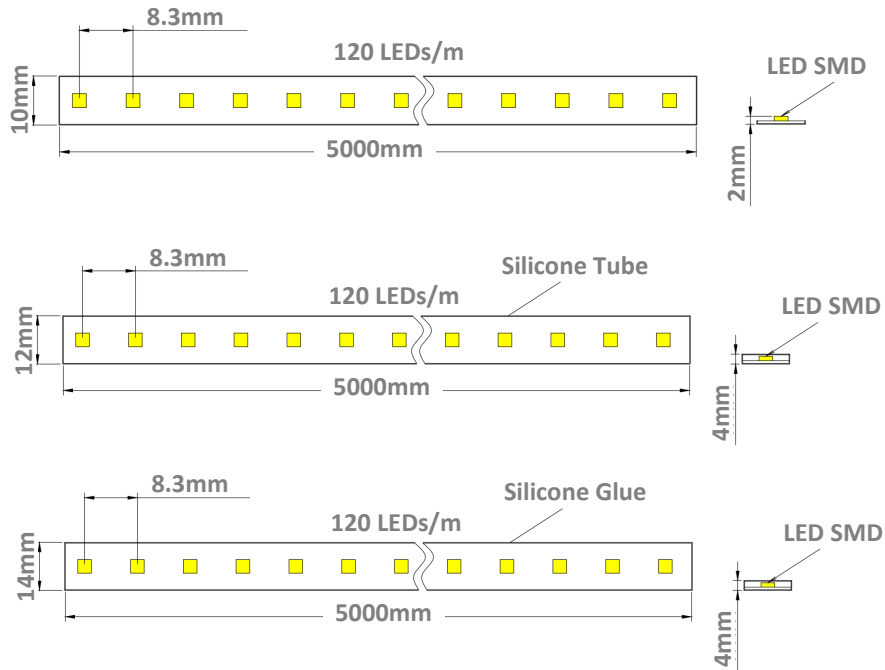
LM  
80

CRI  
80/90

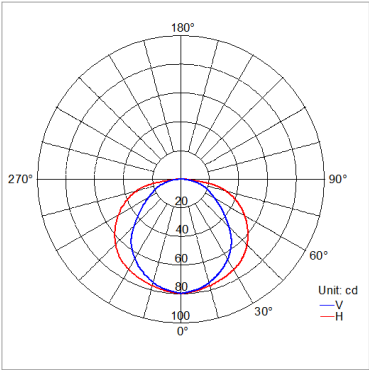
120°

2  
years

Dimension



Photometric



Electrical & Output Data

Number LED/m	120
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	28.8
Lumen (lm/m)	2280
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code

ST xxxx - xx - xx - xx

CTT: 2700/3000/4000/6000

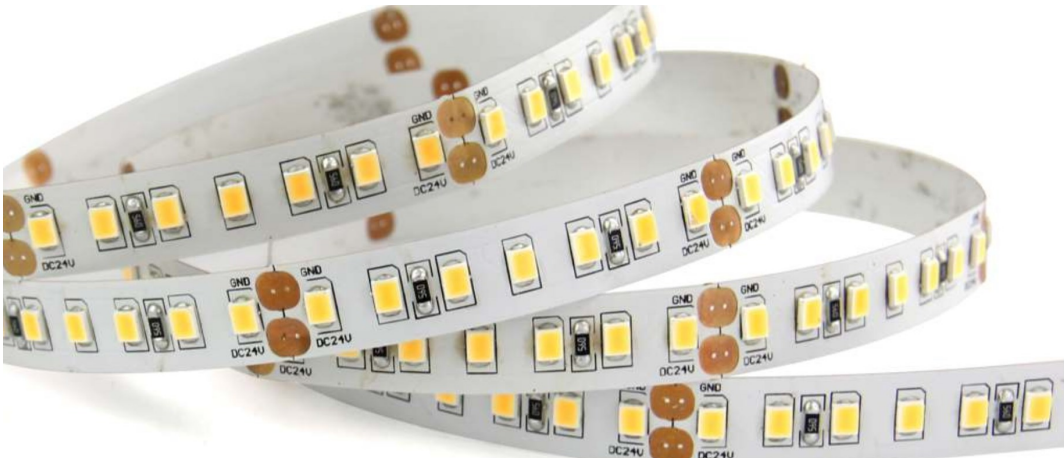
IP Rate: 20/65/68





LED Quantity: 60/120

LED chip: 2216/2835/3528/3010/5050

2835 Top LED

(240 Leds/m)





DC  
12/24V

CE

UL

1  
BIN

Dimmable

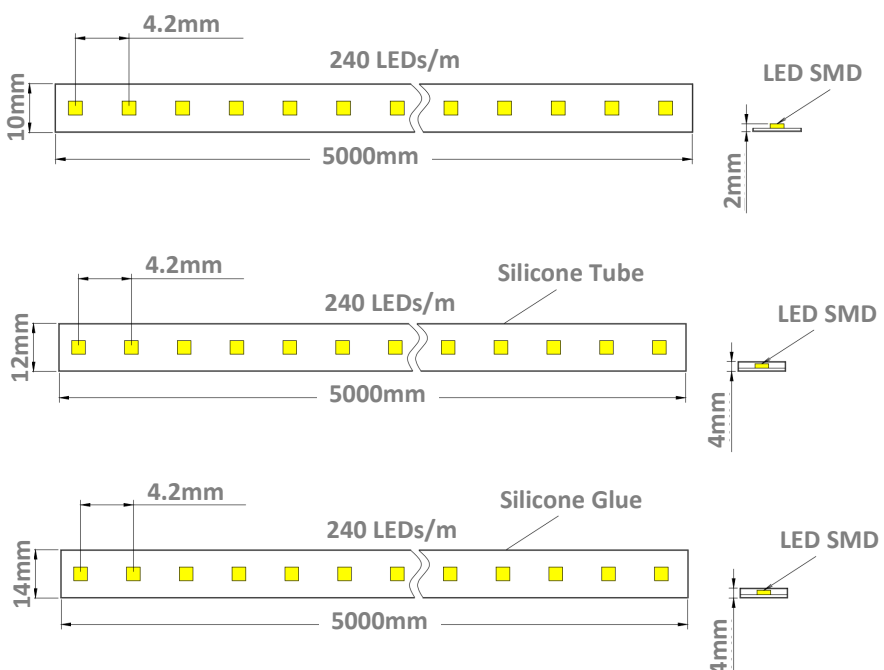
LM  
80

CRI  
80/90

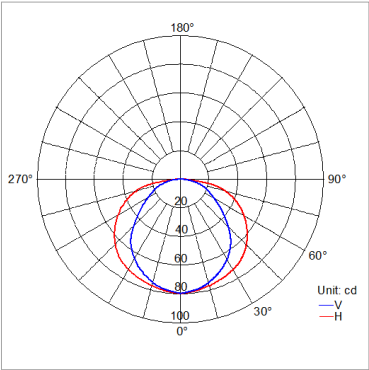
120°

2  
years

Dimension



Photometric



Electrical & Output Data

Number LED/m	240
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	57.6
Lumen (lm/m)	2520
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code

ST xxxx - xx - xx - xx

CTT: 2700/3000/4000/6000

IP Rate: 20/65/68

LED Quantity: 60/120

LED chip: 2216/2835/3528/3010/5050



# SMD 3528 & 3014 SERIES

Basic 3528 & 3014 LED strip are used for furniture  
Side view 3014 new design for vertical bending

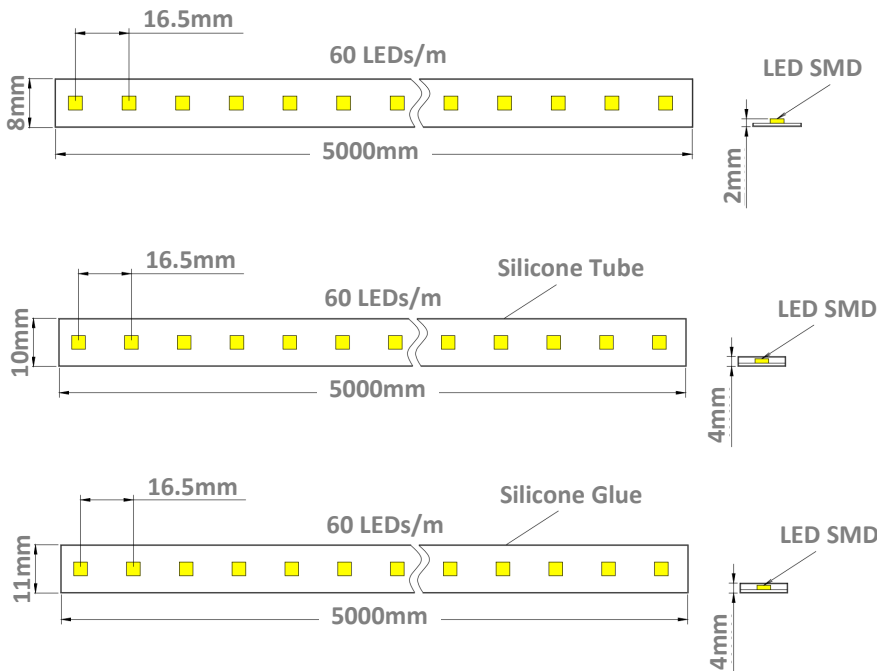


## 3528 Top LED

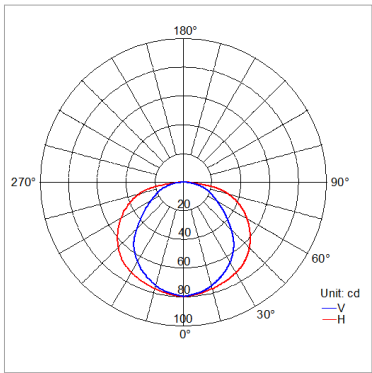
(60 Leds/m)



### Dimension



### Photometric



### Electrical & Output Data

Number LED/m	60
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	4.8
Lumen (lm/m)	390
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

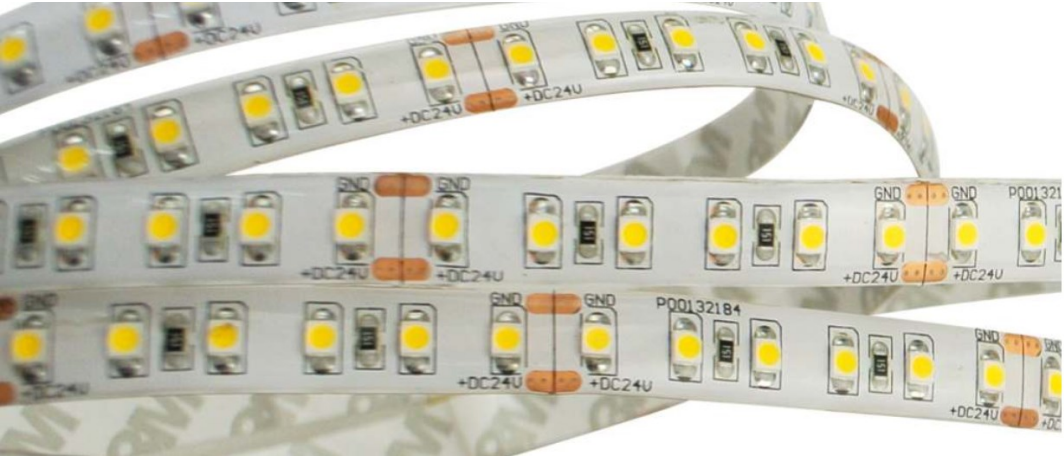
### Product code






ST **XXXX** - **XX** - **XX** - **XX**  
CTT: 2700/3000/4000/6000  
IP Rate: 20/65/68  
LED Quantity: 60/120  
LED chip: 2216/2835/3528/3010/5050



3528 Top LED

(120 Leds/m)





DC  
12/24V

CE

UL

1  
BIN

Dimmable

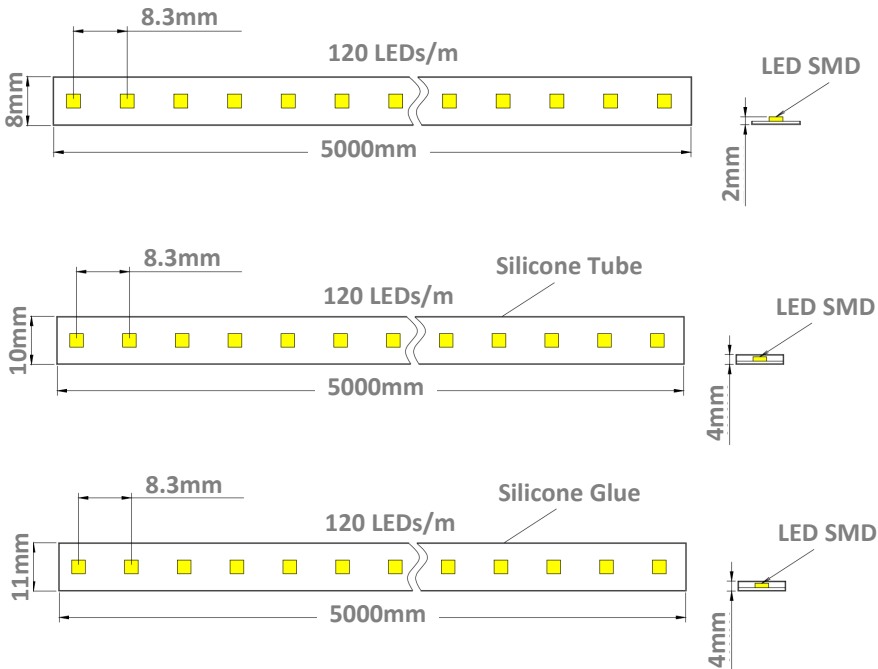
LM  
80

CRI  
80/90

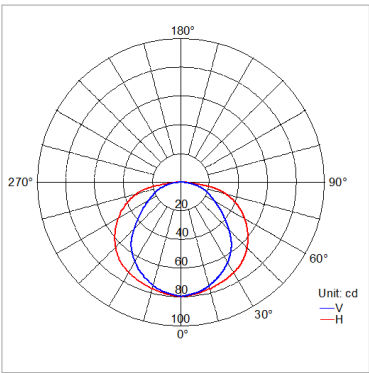
120°

2  
years

Dimension



Photometric



Electrical & Output Data

Number LED/m	120
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	9.6
Lumen (lm/m)	780
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code

ST xxxx - xx - xx - xx

CTT: 2700/3000/4000/6000

IP Rate: 20/65/68





LED Quantity: 60/120

LED chip: 2216/2835/3528/3010/5050

3528 Top LED

(180 Leds/m)





DC  
12/24V

CE

UL

1  
BIN

Dimmable

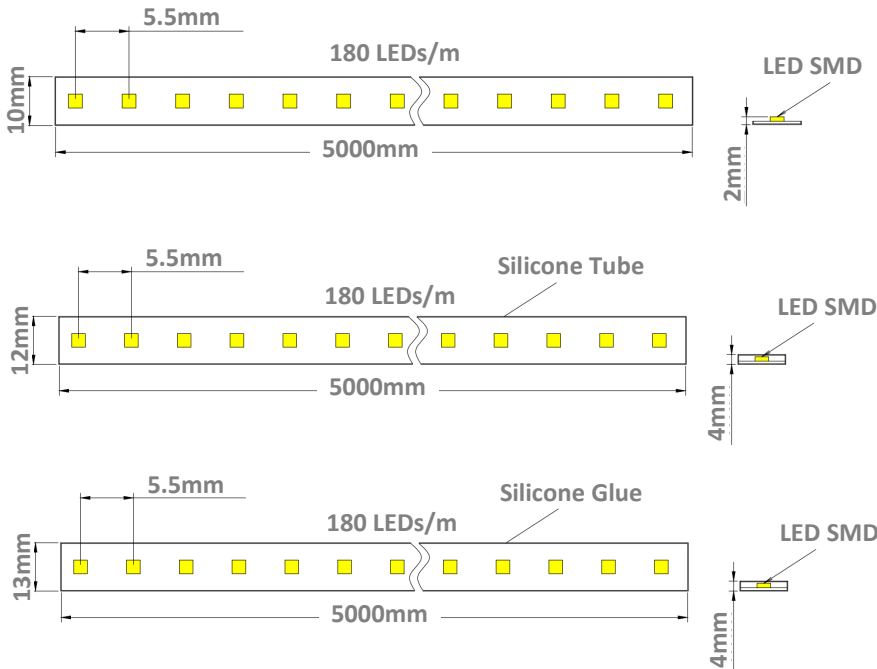
LM  
80

CRI  
80/90

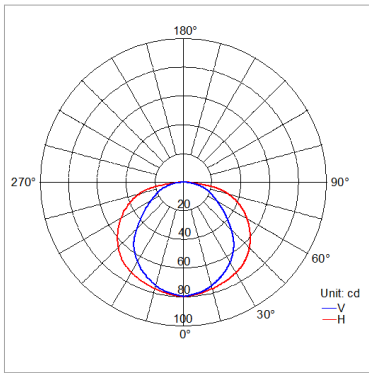
120°

2  
years

Dimension



Photometric



Electrical & Output Data

Number LED/m	180
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	14.4
Lumen (lm/m)	1120
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code

ST xxxx - xx - xx - xx

CTT: 2700/3000/4000/6000

IP Rate: 20/65/68

LED Quantity: 60/120

LED chip: 2216/2835/3528/3010/5050

3014 Top LED

(60 Leds/m)



DC12/24V

CE

UL

1BIN

Dimmable

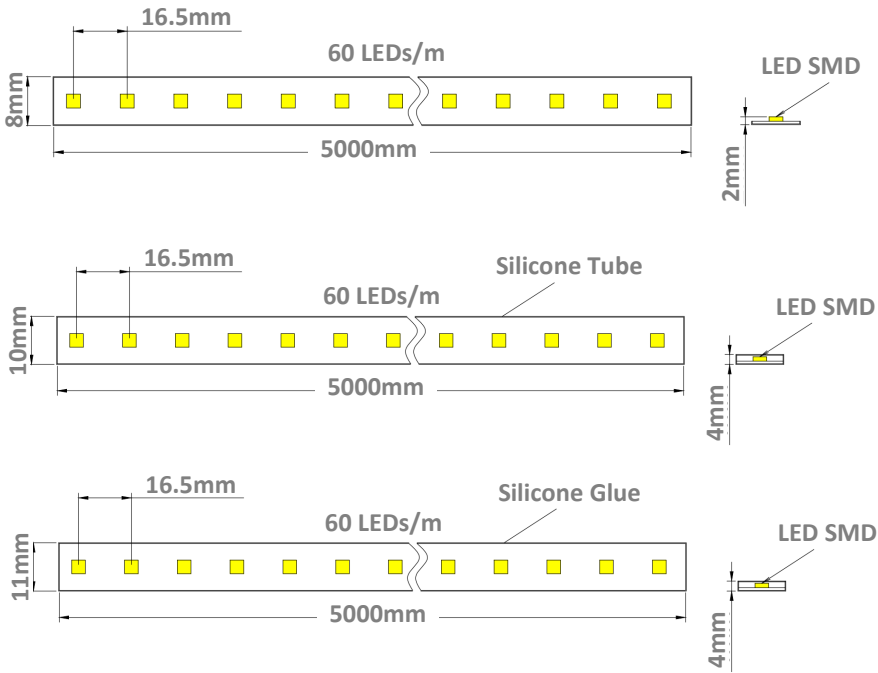
LM80

CRI80/90

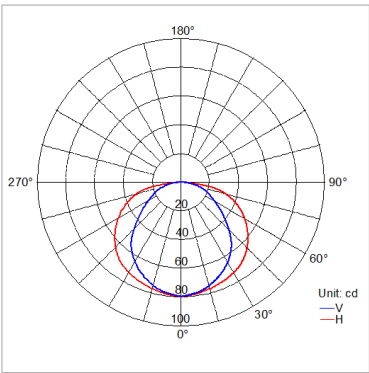
120°

2years

Dimension



Photometric



Electrical & Output Data

Number LED/m	60
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	5.7
Lumen (lm/m)	470
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code

ST xxxx - xx - xx - xx

CTT: 2700/3000/4000/6000

IP Rate: 20/65/68

LED Quantity: 60/120

LED chip: 2216/2835/3528/3010/5050

3014 Top LED

(120 Leds/m)



DC12/24V

CE

UL

1BIN

Dimmable

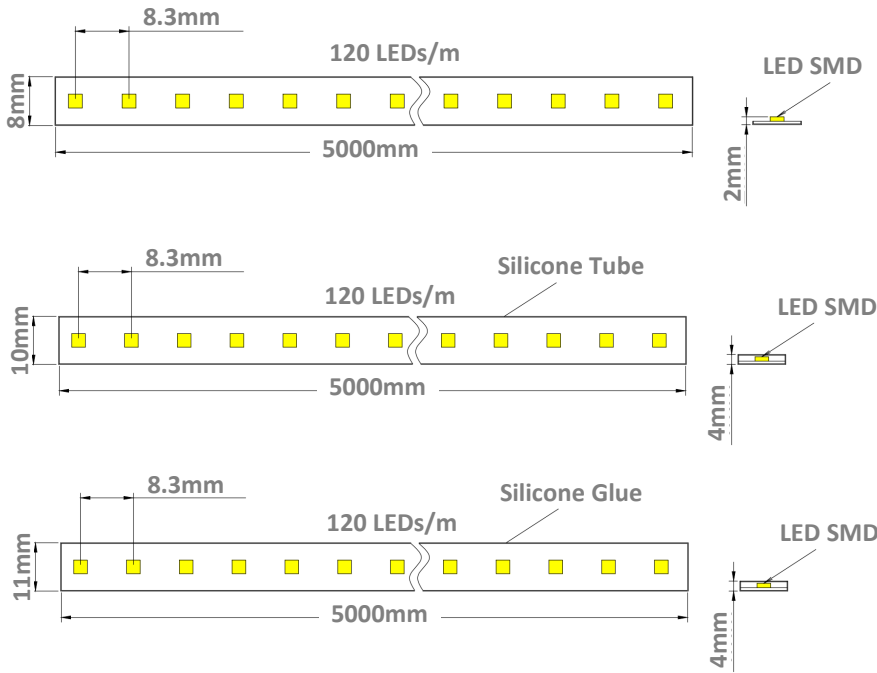
LM80

CRI80/90

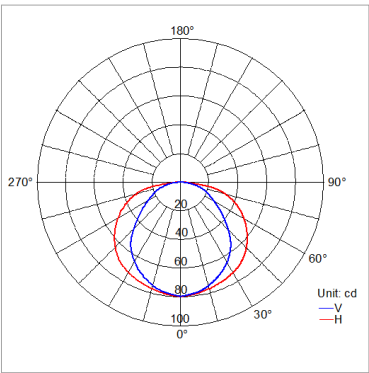
120°

2years

Dimension



Photometric



Electrical & Output Data

Number LED/m	120
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	11.4
Lumen (lm/m)	940
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code

ST xxxx - xx - xx - xx

CTT: 2700/3000/4000/6000

IP Rate: 20/65/68

LED Quantity: 60/120




LED chip: 2216/2835/3528/3010/5050



3014 Side-view LED

(60 Leds/m)





DC12/24V

CE

UL

1BIN

Dimmable

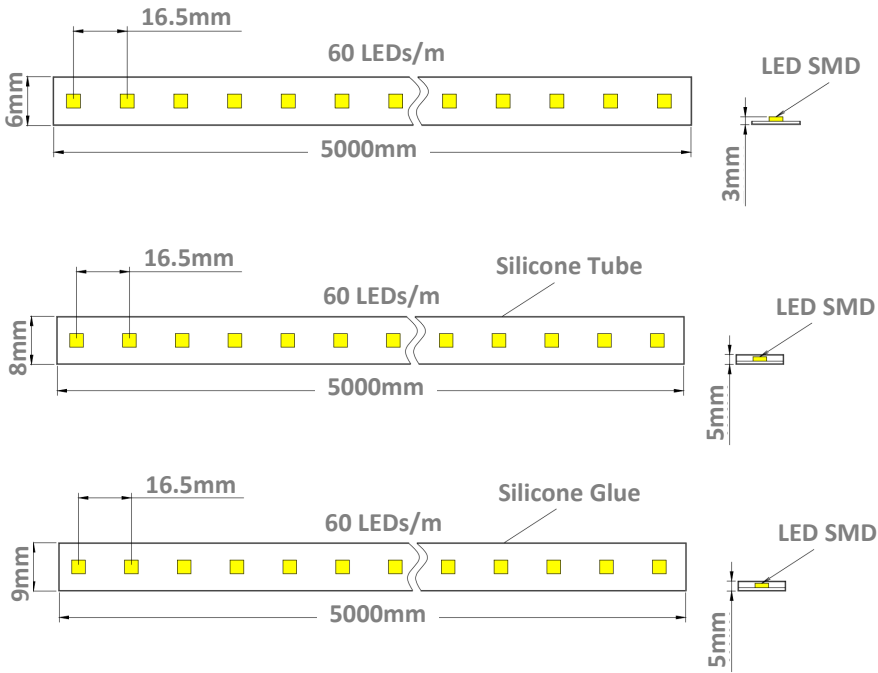
LM80

CRI80/90

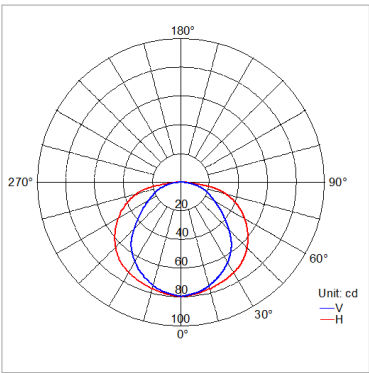
120°

2 years

Dimension



Photometric



Electrical & Output Data

Number LED/m	60
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	5.7
Lumen (lm/m)	470
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/65/68

Product code

ST xxxx - xx - xx - xx

CTT: 2700/3000/4000/6000

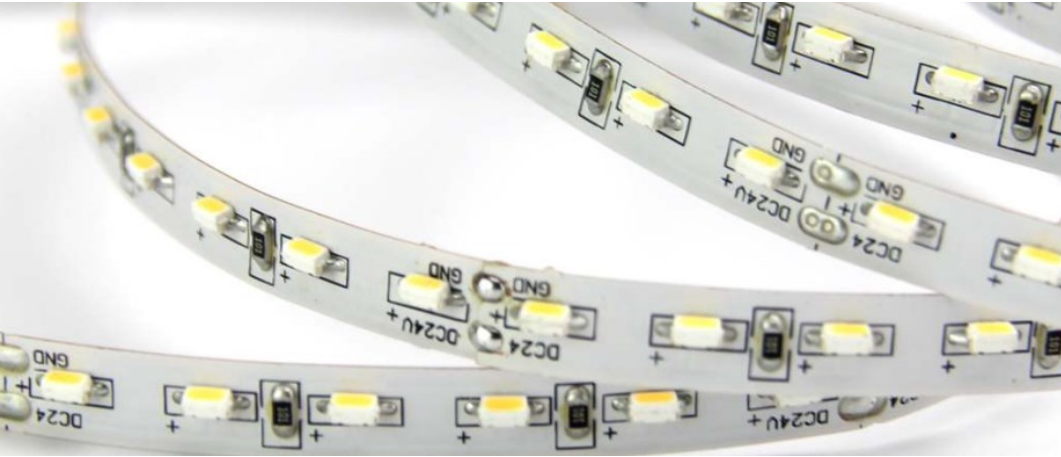
IP Rate: 20/65/68


LED Quantity: 60/120

LED chip: 2216/2835/3528/3010/5050

3014 Side-view LED

(120 Leds/m)





DC12/24V

CE

UL

1BIN

Dimmable

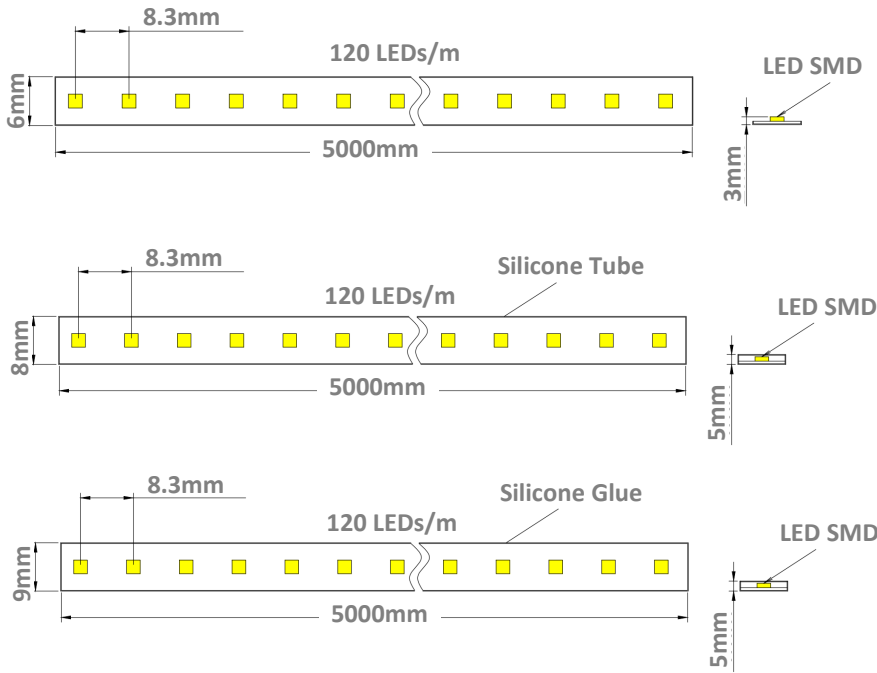
LM80

CRI80/90

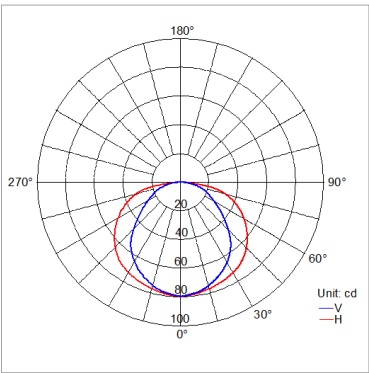
120°

2 years

Dimension



Photometric



Electrical & Output Data

Number LED/m	120
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	11.4
Lumen (lm/m)	940
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/65/68

Product code

ST xxxx - xx - xx - xx

CTT: 2700/3000/4000/6000

IP Rate: 20/65/68

LED Quantity: 60/120

LED chip: 2216/2835/3528/3010/5050



# SMD 5050 SERIES

Basic 5050 LED strip are used for furniture and ceiling  
LED strip 5050 - RGB changing colour are widely used for decorative lighting  
scence.



140LM/W SMD2835-128 LED STRIPS

90LM/W SMD2835-120 LED STRIPS

## 5050 Top LED

(30 Leds/m)



DC  
12/24V

CE

UL

1  
BIN

Dimmable

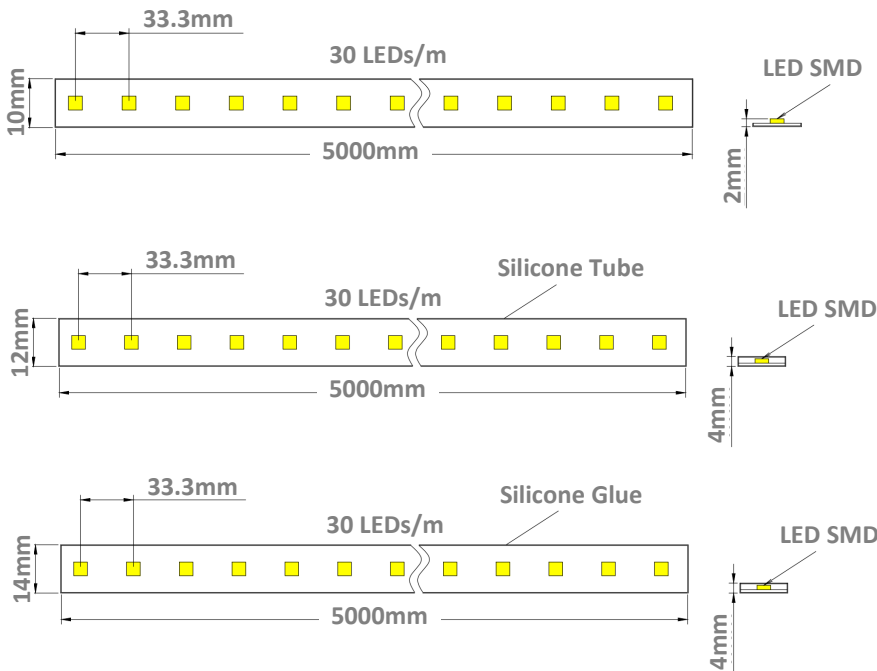
LM  
80

CRI  
80/90

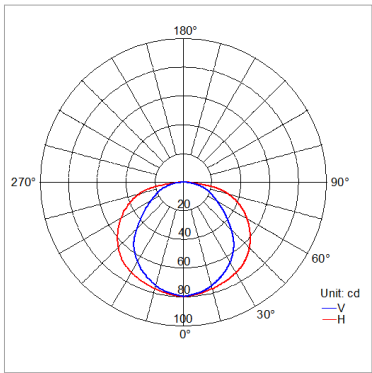
120°

2  
years

### Dimension



### Photometric



### Electrical & Output Data

Number LED/m	30
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	7.2
Lumen (lm/m)	590
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

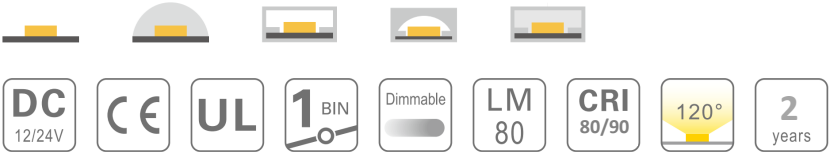
### Product code

ST **XXXX** - **XX** - **XX** - **XX**  
CTT: 2700/3000/4000/6000  
IP Rate: 20/65/68  
LED Quantity: 60/120  
LED chip: 2216/2835/3528/3010/5050

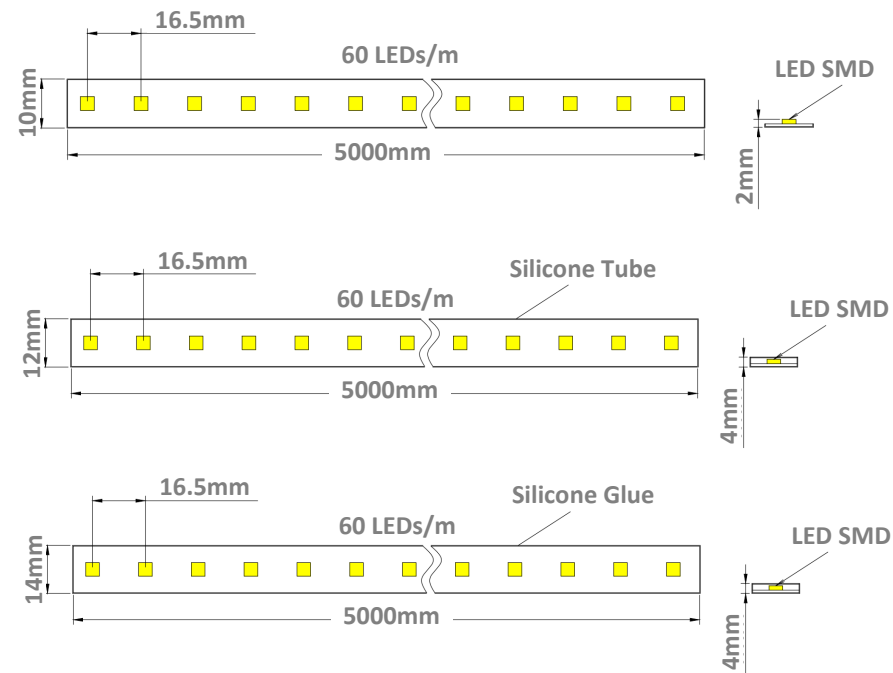


5050 Top LED

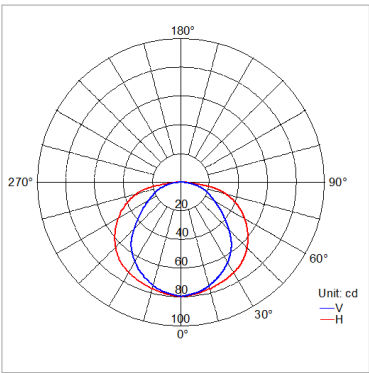
(60 Leds/m)



Dimension



Photometric



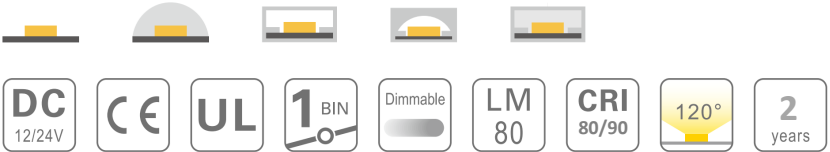
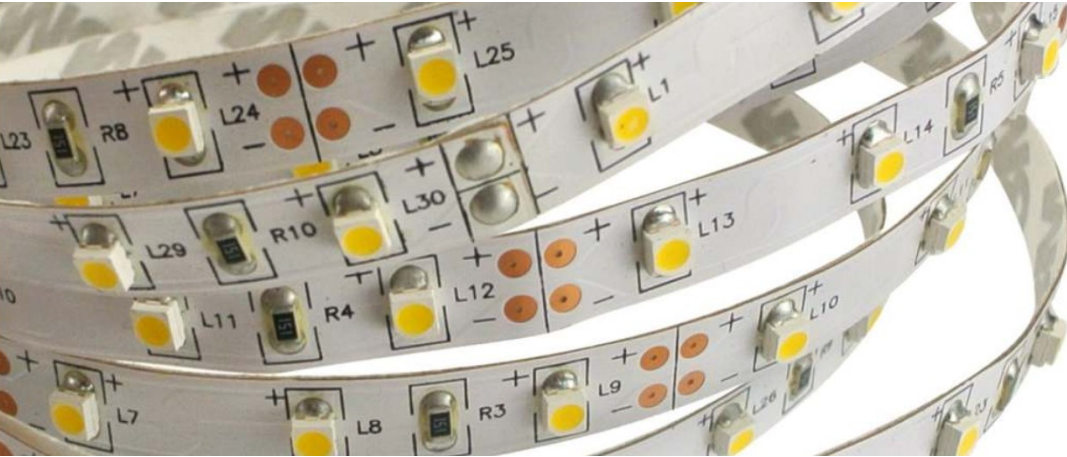
Electrical & Output Data

Number LED/m	60
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	14.4
Lumen (lm/m)	1140
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

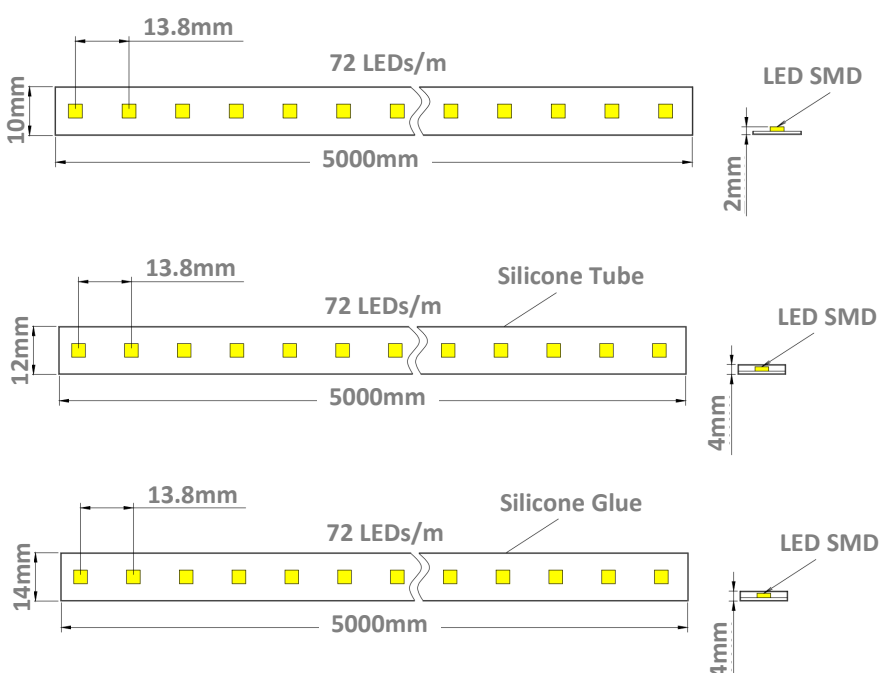
Product code	
ST <span style="color: red;">xxxx</span> - <span style="color: blue;">xx</span> - <span style="color: orange;">xx</span> - <span style="color: green;">xx</span>	
LED chip: 2216/2835/3528/3010/5050	
LED Quantity: 60/120	
IP Rate: 20/65/68	
CTT: 2700/3000/4000/6000	

5050 Top LED

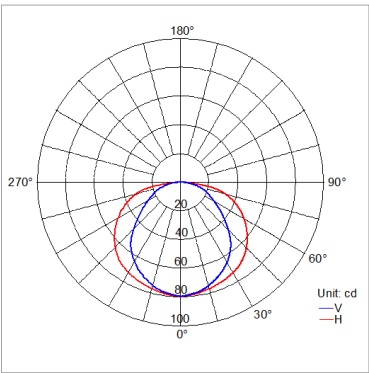
(72 Leds/m)



Dimension



Photometric



Electrical & Output Data

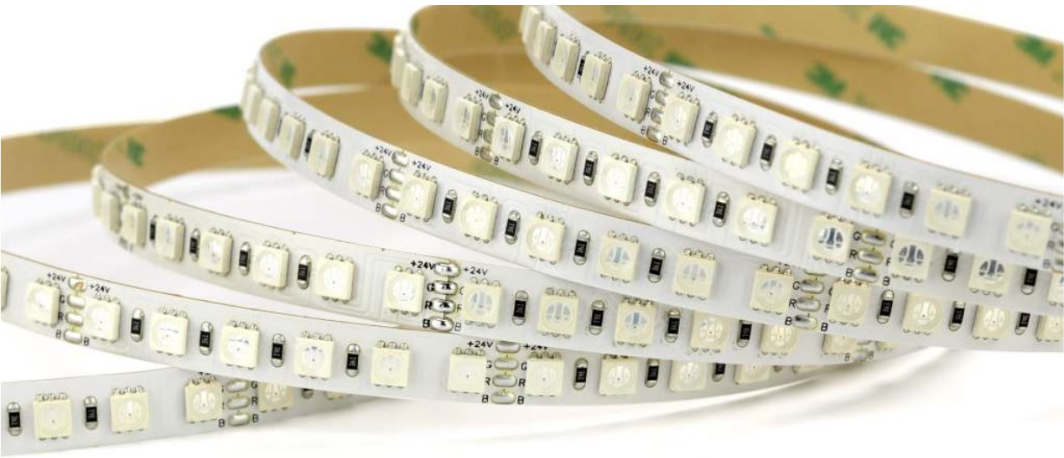
Number LED/m	72
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	17.6
Lumen (lm/m)	1450
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code	
ST <span style="color: red;">xxxx</span> - <span style="color: blue;">xx</span> - <span style="color: orange;">xx</span> - <span style="color: green;">xx</span>	
LED chip: 2216/2835/3528/3010/5050	
LED Quantity: 60/120	
IP Rate: 20/65/68	
CTT: 2700/3000/4000/6000	

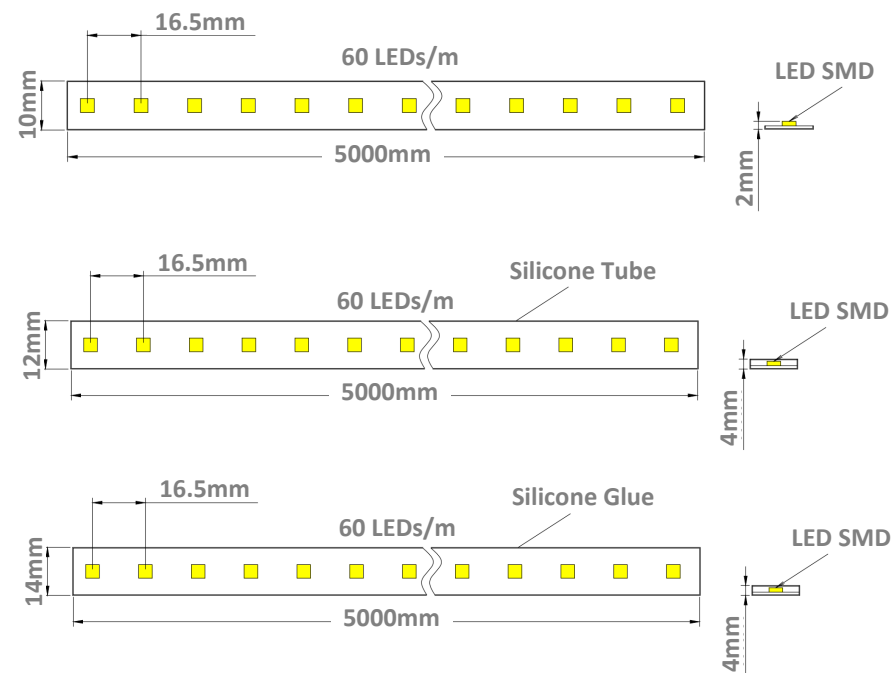


5050 Top LED - RGB

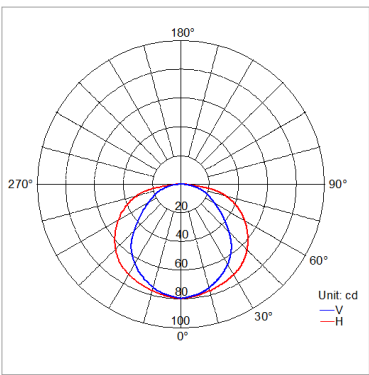
(60 Leds/m)



Dimension



Photometric



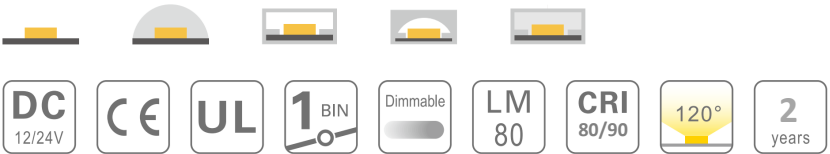
Electrical & Output Data

Number LED/m	60
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	14.4
Lumen (lm/m)	840 (full color)
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

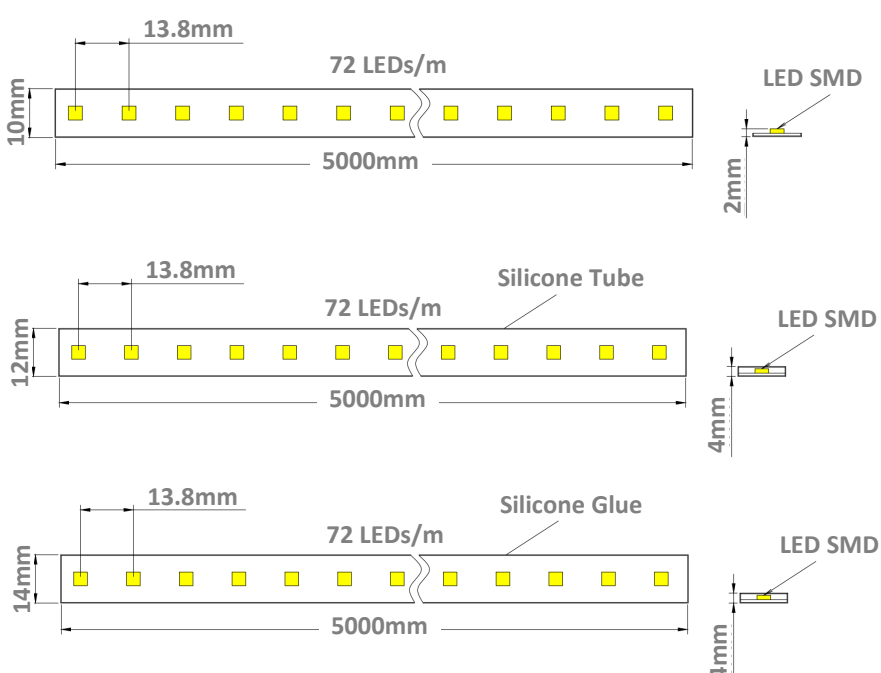
Product code	
ST 5050 - xx - xx - RGB	CTT: R/G/B/RGB
	IP Rate: 20/65/68
	LED Quantity: 60/120
	LED chip: 5050

5050 Top LED - RGBW

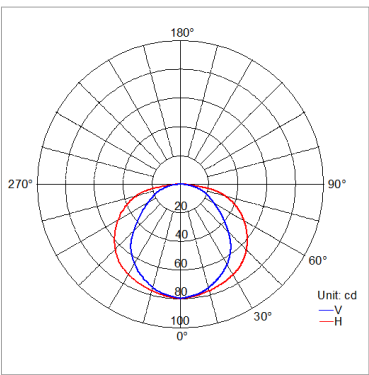
(72 Leds/m)



Dimension



Photometric



Electrical & Output Data

Number LED/m	72
Voltage (V)	12/24 VDC
CRI/Ra	80/90
Beam Angle	120
Power (W/m)	17.6
Lumen (lm/m)	1020 (full color)
CTT (K)	2700/3000/4000/6000
Life span (hours)	40.000
IP rate	20/44/65/67/68

Product code	
ST 5050 - xx - xx - RGBW	CTT: RGB + Warm
	IP Rate: 20/65/68
	LED Quantity: 60/120
	LED chip: 5050