

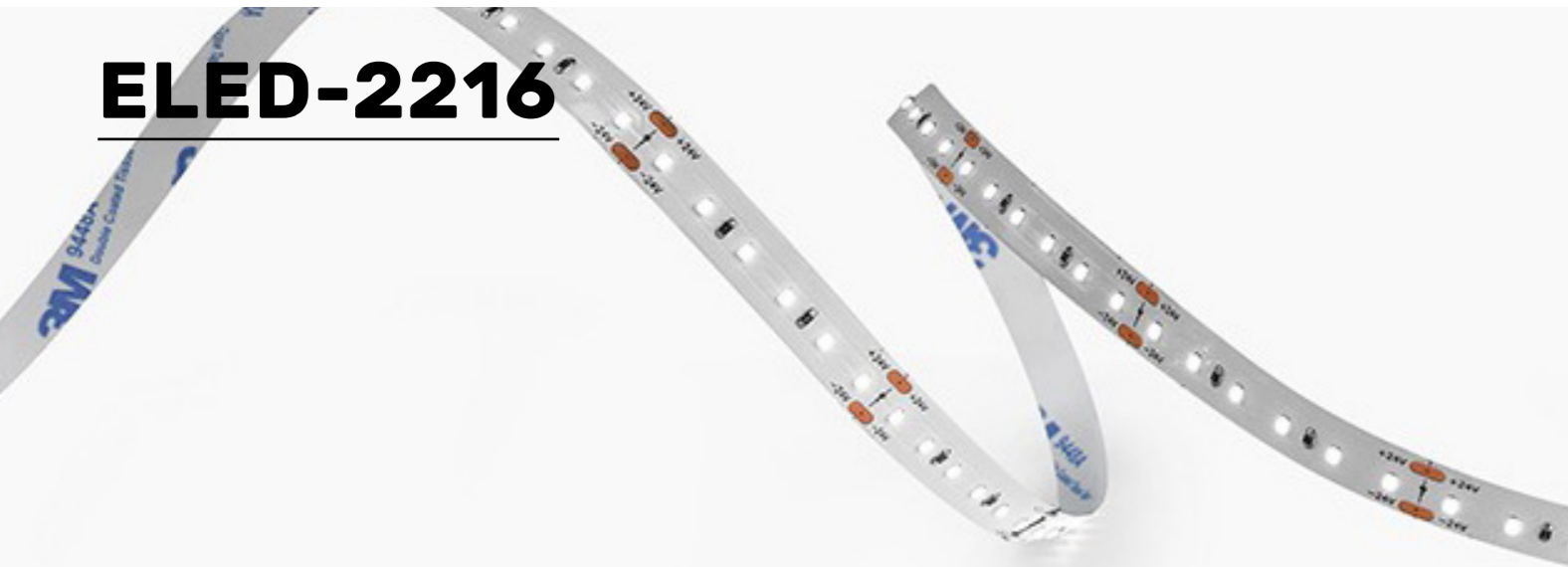
# LIGHTING SOLUTION

## STRIP LED



Gruppo Comestero Sistemi

# ELED-2216

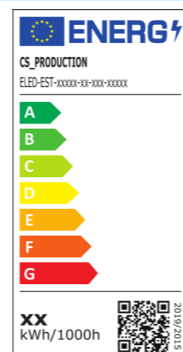


- Voltage:** 12VDC; 24VDC  
230V AC optional
- Beam Angle:** 120°
- Protection options:** IP20, IP54, IP65, IP67, IP68

## Product Features

- High CRI over 80Ra on request
- Highest quality components 2216 Leds chips
- 120° Beam angle
- Colors Red, Green, Blue, Yellow, White (2700K, 3000K, 4000K, 5000K, 6500K)
- Fully dimmable
- 12V or 24V DC input voltage (230V AC optional)
- Working temperature: -25~+60°C
- Package: 5m/roll (other on request)
- IP Rating: IP20, IP54, IP65, IP67, IP68
- Lifetime 50.000h

**Certification:**  
CE, RohS



## Specifications

Codification at page 22

Led Type	Led (Qty/m)	Voltage (V)	CCT (K)	Power (W)	PBC width (mm)	Qty of Row	Cuttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)
2216	120	12	2700 3000 4000 5000 6500	6	5	1	25	A/B/C/D/E/F/G	468-498	80
		24					50			
	140	24		4	3,5	1	50	A/D	360-412	
		180		24	12	8	1	33,3	A/D/E	
	240			12	18	10	1	12,5	A/D/E	
		280		24	18	10	1	25	A/D/E	
	2						50			
	560	24		20	12	2	25	A/D/E	1920-2200	

1. Specifications might change without notice

2. Special design on request

# ELED-2835

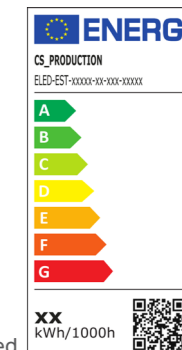


- Voltage:** 12VDC; 24VDC  
230V AC optional
- Beam Angle:** 120°
- Protection options:** IP20, IP54, IP65, IP67, IP68

## Product Features

- High CRI over 80Ra on request
- Highest quality components 2835 Leds chips
- 120° Beam angle
- Colors Red, Green, Blue, Yellow, White (2700K, 3000K, 4000K, 5000K, 6500K)
- Fully dimmable
- 12V or 24V DC input voltage (230V AC optional)
- Working temperature: -25~+60°C
- Package: 5m/roll (other on request)
- IP Rating: IP20, IP54, IP65, IP67, IP68
- Lifetime 50.000h

**Certification:**  
CE, RohS, ETL\*



## Specifications

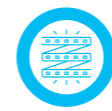
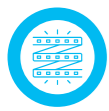
Codification at page 22

\*ETL certification for strip LED with PCB width 8-10-12-15mm and 60-120-180-240 Qty/led

Led Type	Led (Qty/m)	Voltage (V)	CCT (K)	Power (W)	PBC width (mm)	Qty of Row	Cuttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)
2835	30	12	2700 3000 4000 5000 6500	6,4	8	1	100	A/B/C/D/E/F/G	566-610	80
		24		7,6			166			
	60	12		13	8	1	50	A/B/C/D/E/F/G	1144-1235	
		24					100			
	120	12		20	10	1	25	A/B/C/D/E/F/G	1760-1900	
		24					50			
	240	12		26	12	1	12,5	A/D/E	2288-2470	
		24					26			
	280	24		30	15	2	25	A	2640-2850	
							24			
320	24	32	20	2	50	A	3552-3840			
					420			24	36	30
420	24	40	30	3		33,3	A			

1. Specifications might change without notice

2. Special design on request



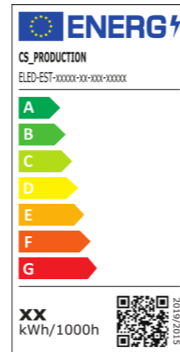
# ELED-3528

- Voltage:** 12VDC; 24VDC  
230V AC optional
- Beam Angle:** 120°
- Protection options:** IP20, IP54, IP65, IP67, IP68

## Product Features

- High CRI over 80Ra on request
- Highest quality components 3528 Leds chips
- 120° Beam angle
- Colors Red, Green, Blue, Yellow, White (2700K, 3000K, 4000K, 5000K, 6500K)
- Fully dimmable
- 12V or 24V DC input voltage (230V AC optional)
- Working temperature: -25~+60°C
- Package: 5m/roll (other on request)
- IP Rating: IP20, IP54, IP65, IP67, IP68
- Lifetime 50.000h

**Certification:**  
CE, RohS



## Specifications

Codification at page 22

Led Type	Led (Qty/m)	Voltage (V)	CCT (K)	Power (W)	PBC width (mm)	Qty of Row	Cuttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)
3528	30	12	2700 3000 4000 5000 6500	2,4	8	1	100	A/B/C/D/E/F/G	175-187	80
		24					166			
	60	12		4,8	8	1	50	A/B/C/D/E/F/G	350-374	
		24					100			
	120	12		9,6	8	1	25	A/B/C/D/E/F/G	701-749	
		24					50			
	180	24		14,4	10	1	33	A/D/E	1051-1123	
		12					12,5			
	240	24		19,2	12	1	25	A/D/E	1402-1498	
		24					2			

1. Specifications might change without notice

2. Special design on request



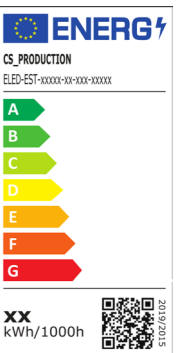
# ELED-5050

- Voltage:** 12VDC; 24VDC  
230V AC optional
- Beam Angle:** 120°
- Protection options:** IP20, IP54, IP65, IP67, IP68

## Product Features

- High CRI over 80Ra on request
- Highest quality components 5050 Leds chips
- 120° Beam angle
- Colors Red, Green, Blue, Yellow, White (2700K, 3000K, 4000K, 5000K, 6500K)
- Fully dimmable
- 12V or 24V DC input voltage (230V AC optional)
- Working temperature: -25~+60°C
- Package: 5m/roll (other on request)
- IP Rating: IP20, IP54, IP65, IP67, IP68
- Lifetime 50.000h

**Certification:**  
CE, RohS, ETL\*



## Specifications

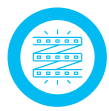
Codification at page 22

\*ETL certification for strip LED with PCB width 8-10-12-15mm and 60-120-180-240 Qty/led

Led Type	Led (Qty/m)	Voltage (V)	CCT (K)	Power (W)	PBC width (mm)	Qty of Row	Cuttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)
5050	30	12	2700 3000 4000 5000 6500	7,2	10	1	100	A/B/C/D/E/F/G	576-613	80
		24					166			
	40	24		9,6	10	1	50	A/B/C/D/E/F/G	768-816	
		12					62,5			
	48	24		11,5	10	1	125	A/B/C/D/E/F/G	922-980	
		12					50			
	60	24		14,4	10	1	100	A/B/C/D/E/F/G	1152-1224	
		12					41,6			
	72	24		17,3	10	1	83,3	A/B/C/D/E/F/G	1382-1469	
		12					62,5			
	96	24		19,2	10	1	62,5	A/B/C/D/E/F	1536-1632	
		12					23			
120	24	26	12	1	100	A/E/F/G	1140-1226			
	12				28,8			20	2	50
	24				100					

1. Specifications might change without notice

2. Special design on request



# ELED-5730



**Voltage:**  
12VDC; 24VDC  
230V AC optional



**Beam Angle:**  
120°

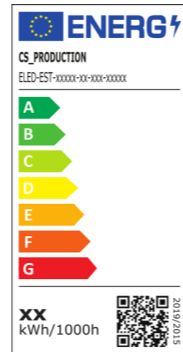


**Protection options:**  
IP20, IP54, IP65, IP67, IP68

## Product Features

- High CRI over 80Ra on request
- Highest quality components 5730 Leds chips
- 120° Beam angle
- Colors Red, Green, Blue, Yellow, White (2700K, 3000K, 4000K, 5000K, 6500K)
- Fully dimmable
- 12V or 24V DC input voltage (230V AC optional)
- Working temperature: -25~+60°C
- Package: 5m/roll (other on request)
- IP Rating: IP20, IP54, IP65, IP67, IP68
- Lifetime 50.000h

**Certification:**  
CE, RohS



## Specifications

Codification at page 22

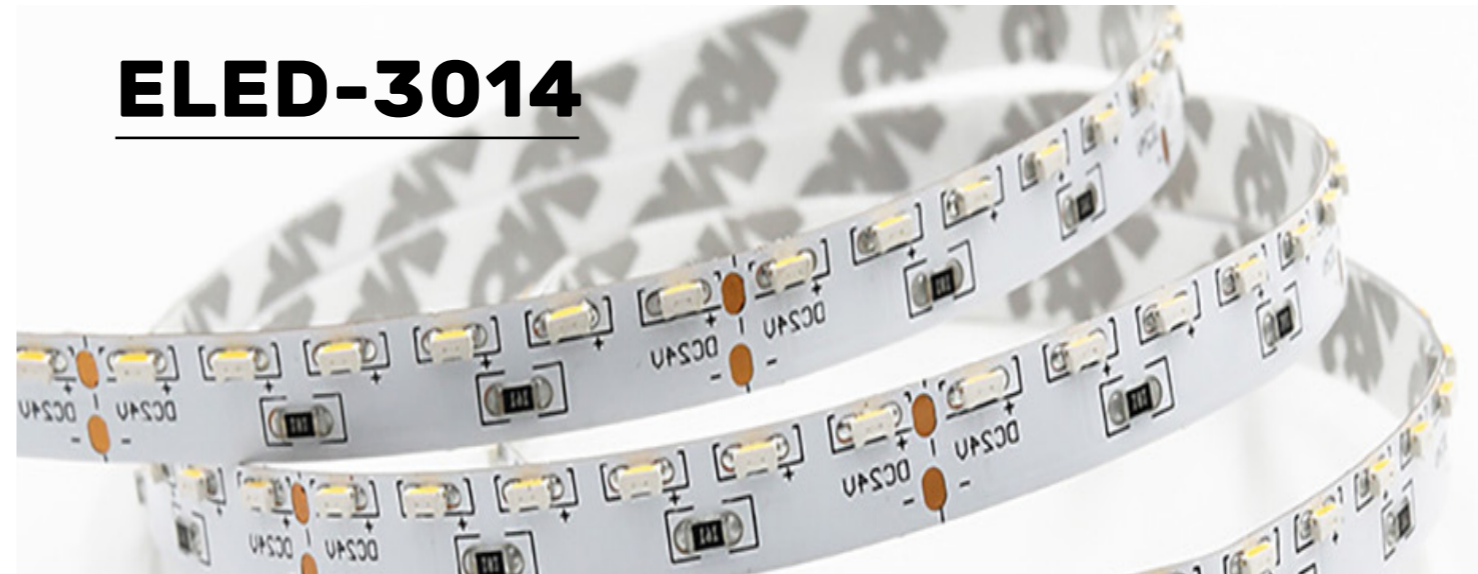
Led Type	Led (Qty/m)	Voltage (V)	CCT (K)	Power (W)	PBC width (mm)	Qty of Row	Cuttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)
5730	36	12	2700	9	10	1	83	A/B/C/D/E/F/G	792-855	80
		24					166			
	60	12	3000	16	10	1	50	A/B/C/D/E/F/G	1408-1520	
		24	4000				100			
5730 IC	36	24	5000	7	5	1	41,6	A/B/C/D/E/F/G	1690-1824	
			6500				19			12
5730 IC	126	24	6500	26	12	1	100	A/D/E	714-770	
							55,5	A/B/C/D/E	2652-2860	

1. Specifications might change without notice

2. Special design on request



# ELED-3014



**Voltage:**  
12VDC; 24VDC  
230V AC optional



**Beam Angle:**  
120°

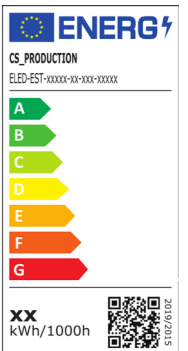


**Protection options:**  
IP20, IP54, IP65, IP67, IP68

## Product Features

- High CRI over 80Ra on request
- Highest quality components 3014 Leds chips
- 120° Beam angle
- Colors Red, Green, Blue, Yellow, White (2700K, 3000K, 4000K, 5000K, 6500K)
- Fully dimmable
- 12V or 24V DC input voltage (230V AC optional)
- Working temperature: -25~+60°C
- Package: 5m/roll (other on request)
- IP Rating: IP20, IP54, IP65, IP67, IP68
- Lifetime 50.000h

**Certification:**  
CE, RohS



## Specifications

Codification at page 22

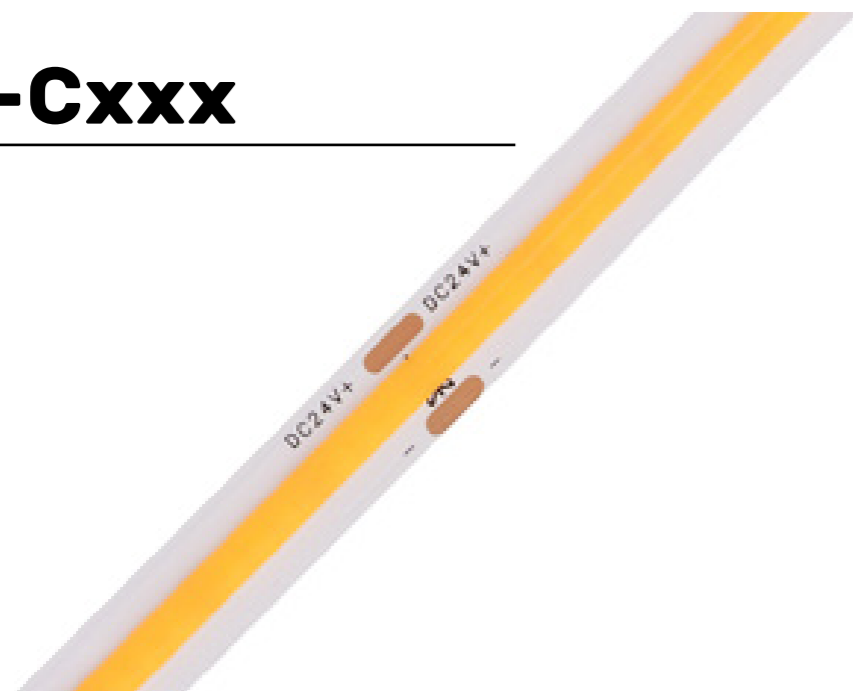
Led Type	Led (Qty/m)	Voltage (V)	CCT (K)	Power (W)	PBC width (mm)	Qty of Row	Cuttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)
3014	60	12	2700	7,2	8	1	25	A/B/C/D/E/F/G	662-720	80
		24					3000			
	120	12	4000	14,4	8	1	25	A/B/C/D/E/F/G	1325-1440	
		24	5000				50			
			6500							


1. Specifications might change without notice

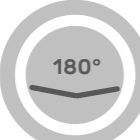
2. Special design on request



# ELED-Cxxx



 **Voltage:**  
12VDC; 24VDC  
230V AC optional

 **Beam Angle:**  
180°

 **Protection options:**  
IP20, IP65, IP67

## Product Features

- High CRI 80Ra or 90Ra
- Highest quality uniform line of light
- 180° Beam angle
- Colors Red, Green, Blue, Yellow, White (2200K, 2700K, 3000K, 4000K, 5000K, 6500K)
- Fully dimmable
- 12V or 24V DC input voltage (230V AC optional)
- Working temperature: -25~+60°C
- Package: 5m/roll (other on request)
- IP Rating: IP20, IP65, IP67
- Lifetime 50.000h

## Standard

**Certification:**  
CE, RohS

**ENERGY**  
CS\_PRODUCTION  
ELED-EST-xxxxx-xx-xxx-xxxxx  
A  
B  
C  
D  
E  
F  
G  
XX  
kWh/1000h  
2019/2015

1. Specifications might change without notice

2. Special design on request

## Specifications

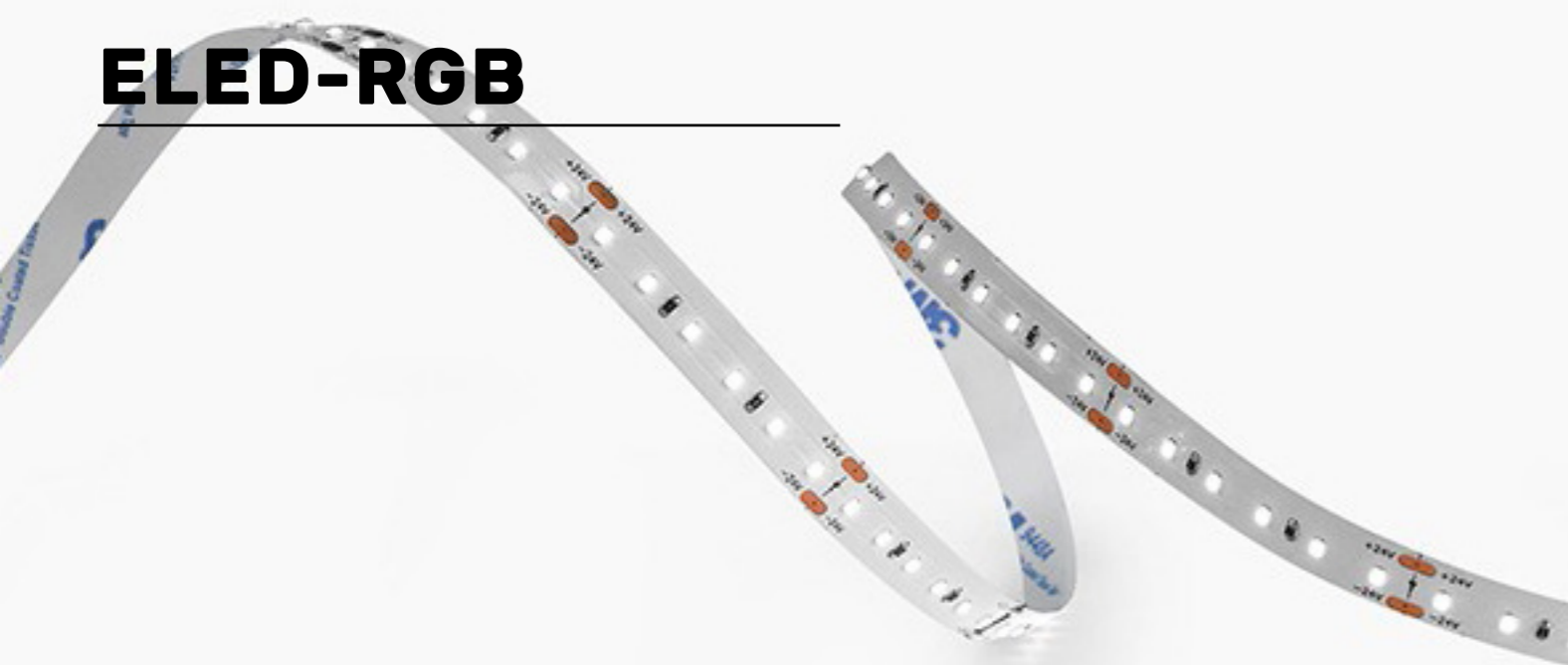
Codification at page 22

Led Type	Led (Chips/m)	Voltage (V)	CCT (K)	Power (W)	PBC width (mm)	Qty of Row	Cuttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)			
C320	320	12		8	8	1	50	A/D/E/F	640-880	80			
							100		520-800	90			
		50					640-880		80				
		100					520-800		90				
C336	336	12		8	8	1	35,71	A/D/E/F	480-640	80			
							62.5		560-752	90			
		35.71					480-640		80				
		62.5					560-752		90				
C420	420	24		10	8	1	50	A/D/E/F	700-1000	80			
									550-850	90			
C480	480	24	2200 2700 3000 4000 5000 6500	10	8	1	50	A/D/E/F	700-1000	80			
							50		550-850	90			
							125		850	80			
							125		850	90			
							10		8-10	1	22,7	800-1100	80
							15		10			1200-1650	
C528	528	24		10	8-10	1	45,5	A/D/E/F	650-1000	90			
									15	10	1200-1650		
									10	8-10	800-1100	80	
									15	10	1200-1650		
									10	8-10	650-1000	90	
									15	10	1200-1650		
C640	640	24		15	10	1	50	A/D/E/F	1275-1725	80			
									1050-1575	90			

1. Specifications might change without notice

2. Special design on request

# ELED-RGB



**Voltage:**  
12VDC; 24VDC  
230V AC optional

**Beam Angle:**  
120°/180°

**Protection options:**  
IP20, IP54, IP65, IP67, IP68

## Product Features

- Highest quality components Led chips
- Beam angle 120° (180° for COB LED Type)
- Colors Red, Green, Blue, Yellow, White (2200K, 2700K, 3000K, 4000K, 5000K, 6500K)
- Fully dimmable
- 12V or 24V DC input voltage (230V AC optional)
- Working temperature: -25~+60°C
- Package: 5m/roll (other on request)
- IP Rating:  
IP20, IP54, IP65, IP67, IP68
- Lifetime 50.000h

## Standard

**Certification:**  
CE, RohS

**ENERGY**  
CS\_PRODUCTION  
ELED-EST-xxxxx-xx-xxx-xxxxx

A  
B  
C  
D  
E  
F  
G

XX kWh/1000h

2019/2015

1. Specifications might change without notice

2. Special design on request

## Specifications

Codification at page 22

Led Type	Led (Qty/m)	Voltage (V)	CCT (K)	Power (W)	PBC width (mm)	Qty of Row	Cuttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)		
2835	120	12	SRGB	4,8	8	1	25	A/B/C/D/E	32-240			
		24		14,4	5		50		72-504			
	240	1,4	8	50	77-590							
		18	10	25	96-702							
		4,8	10	50	72-340							
60	24	RGBC	4,8	12	50	67341						
	13,6	15	125	A/E	26-721							
30	12		7,2	10		100		24-216				
			8,4			166		22-210				
	48		12	SRGB		11,5		10	1	62,5	A/B/C/D/E/F/G	35-345
			24			125						
5050	60		12	10		50		48-432				
	24		14,4			100			00			
4040	120	24	SRGB	12	12	1	100	A/B/C/D/E/F	96-864			
				24			14,4				12	200
	60	19,2		12	125		124-1012					
		13,6		15	125		124-1012					
		18		10	50		A/B/C/D/E/F/G		68,5-504			
3535	30	12		14,4	10		100		28-201			
				50			58-403					
	60			24					SRGB	14,4	10	1
120	24		12	10		25		87,5-600				
			21			50						
3528	120	24	SRGB	18	10	1	50	A/B/C/D/E/F/G	124-529			

Led Type	Led (Chips/m)	Voltage (V)	CCT (K)	Power (W)	PBC width (mm)	Qty of Row	Cuttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)
C756	756						27,8		67-460	
C840	840	24	CRGB	15	10	1	50	A/D/E	75-465	00
C896	896		WRGB	16	12		50		16-520	

1. Specifications might change without notice

2. Special design on request

# ELED-DUAL WHITE



**Voltage:**  
12VDC; 24VDC  
230V AC optional

**Beam Angle:**  
120°/180°

**Protection options:**  
IP20, IP54, IP65, IP67, IP68

## Product Features

- Highest quality components Leds chips
- Beam angle 120° (180° for COB LED Type)
- Colors White (2700K, 6500K, MIXED)
- Fully dimmable
- 12V or 24V DC input voltage (230V AC optional)
- Working temperature: -25~+60°C
- Package: 5m/roll (other on request)
- IP Rating:  
IP20, IP54, IP65, IP67, IP68
- Lifetime 50.000h

## Standard

**Certification:**  
CE, RohS

**ENERGY**  
CS\_PRODUCTION  
ELED-EST-XXXXX-XX-XXX-XXXXX

A  
B  
C  
D  
E  
F  
G

XX kWh/1000h

1. Specifications might change without notice

2. Special design on request

## Specifications

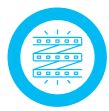
Codification at page 22

Led Type	Led (Qty/m)	Voltage (V)	CCT (K)	Power (W)	PBC width (mm)	Qty of Row	Cutttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)
3527	60	12	2700 6500 MIXED	9.6	8	1	50	A/B/C/D/E/F/G	374-768	80
		24					100			
	120	24		19.2	10	1	50		749-1536	
2216	240	24	20	10	1	50	A/D/E	750-1560		
5050	40	12	2700 6500 MIXED	9.6	10	1	50	A/B/C/D/E/F/G	398-806	80
		24					125			
	60	12		9.6	10	1	50		374-768	
2835	120	12	2700 6500 MIXED	22	10	1	50	A/B/C/D/E/F/G	990-2024	80
		24					100			
	240	24		46	15	1	50		2024-4140	
3528	120	12	2700 6500 MIXED	9.6	15	1	50	A/B/C/D/E/F/G	360-730	80
		24					100			

Led Type	Led (Chips/m)	Voltage (V)	CCT (K)	Power (W)	PBC width (mm)	Qty of Row	Cutttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)
C560	560	24	2700 6500 MIXED	16	10	1	50	A/D/E	560-1360	80
							25		480-1232	90
C640	640	24	2700 6500 MIXED	16	10	1	25	A/D/E	680-1600	80
C672	672	24	2700 6500 MIXED	14	10	1	25	A/D/E	576-1440	90
							25		680-1600	80

1. Specifications might change without notice

2. Special design on request



# ELED-NEON



**Voltage:**  
12VDC; 24VDC  
230V AC optional



**Beam Angle:**  
120°



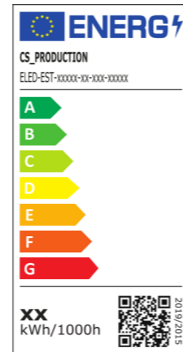
**Protection options:**  
IP65

## Product Features

- Flexible horizontal bending strip, ultra slim
- High CRI over of 80Ra
- Highest quality components 2835 Led chips
- 120° Beam angle
- 12V or 24V DC input voltage (230V AC optional)
- Working temperature: -25~+60°C

- Package: 5m/roll (other on request)
- IP Rating: IP65
- Lifetime 50.000h

**Certification:**  
CE, RohS



## Specifications

Codification at page 22

Led Type	Led (Qty/m)	Voltage (V)	CCT (K)	Power (W)	Dimension (mm)	Qty of Row	Cutttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)
N0612		12		12	6 x 12	1	50	E	200	
		24								
N0816	2835 120 LED/m	12	3000 4000 6000 RED GREEN BLUE	12	8 x 16	1	50	E	40-240	80
		24								
N1010		12		12	10 x 10	1	50	E	85-580	
		24								
N2010		12		14	20 x 10	1	50	E	40-380	
		24								

1. Specifications might change without notice

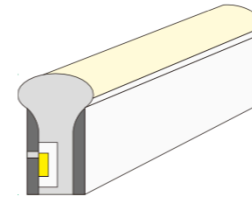
2. Special design on request



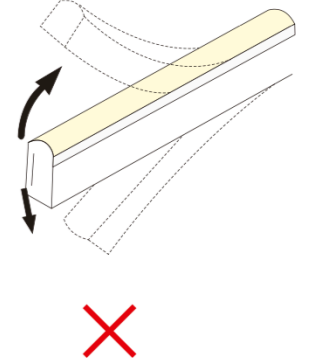
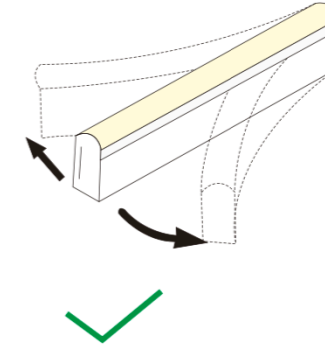
## Minimum Bending Diameter

Neon flex profile

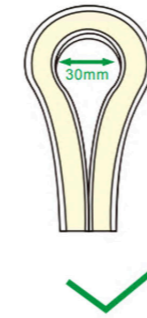
Light Profile



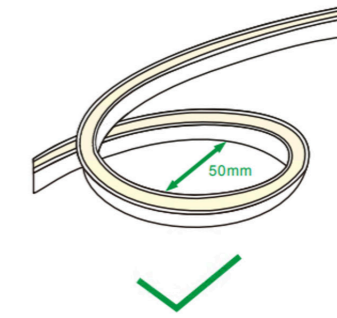
Bending Direction



Correct bending way

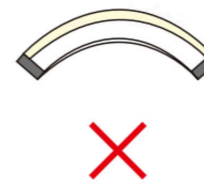


Face to the light surface, fold the strip, the minimum bending diameter is 30mm

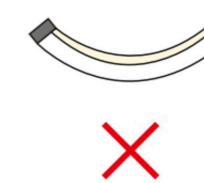


Light surface upwards, the strip is bendable to right or left naturally, the minimum bending diameter is 50mm

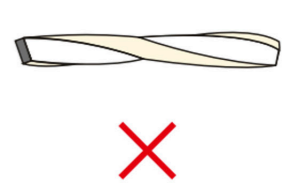
Incorrect bending way



Face to the side, Do not bend downward to damage the strip



Face to the side, Do not bend upward to damage the strip

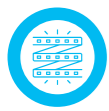


Please do not twist the strip, or it will be damaged.

1. Specifications might change without notice

2. Special design on request





# ELED-CST

## Super thin Magic RGB Ambient LED Strips



**Voltage:**  
12VDC



**Beam Angle:**  
120°



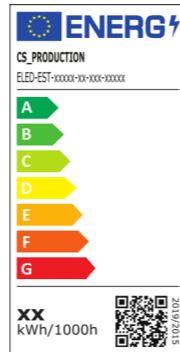
**Protection options:**  
IP20

### Product Features

- Flexible horizontal bending strip, ultra slim
- High CRI over of 80Ra
- Highest quality components 807 Leds chips
- 120° Beam angle
- 12V input voltage
- Working temperature: -20~+50°C

- Package: 1m/roll (other on request)
- IP Rating: IP20
- Lifetime 50.000h

**Certification:**  
CE, RohS



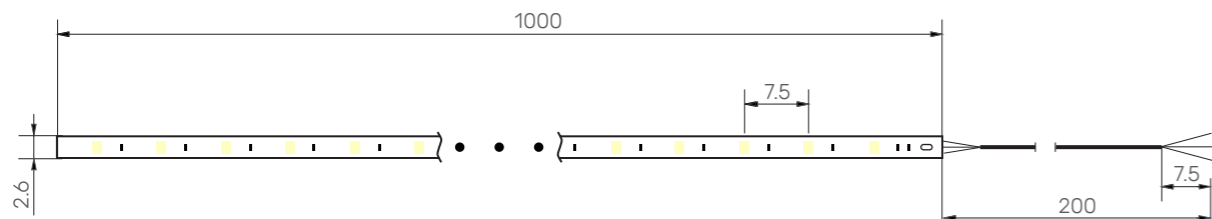
### Specifications

Codification at page 22

Led Type	Led (Qty/m)	Voltage (V)	CCT (K)	Power (W)	Dimension (mm)	Qty of Row	Cuttable Unit (mm)	IP protection	Lumen (lm/m)	CRI (Ra)
807	807 134 LED/m	12	Magic RGB	13	2.6 x 0.8	1	7.46	A		80

### Dimensions

Dimension in mm



1. Specifications might change without notice

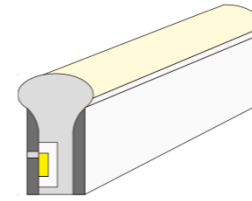
2. Special design on request



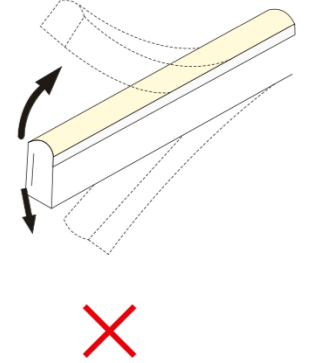
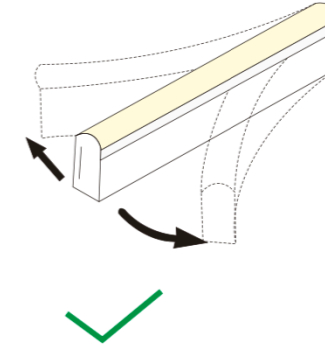
## Minimum Bending Diameter

Neon flex profile

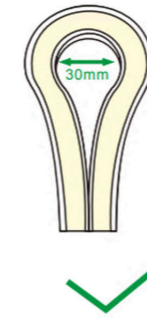
Light Profile



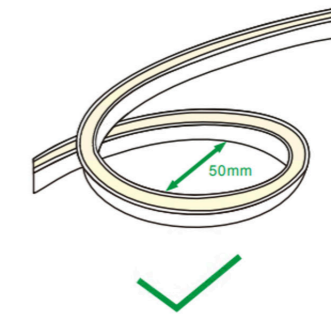
Bending Direction



Correct bending way

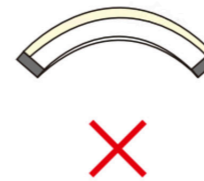


Face to the light surface, fold the strip, the minimum bending diameter is 30mm

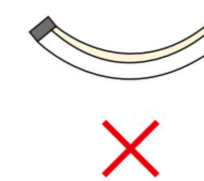


Light surface upwards, the strip is bendable to right or left naturally, the minimum bending diameter is 50mm

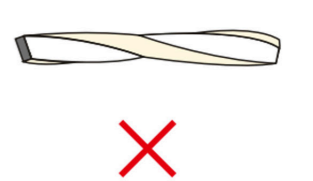
Incorrect bending way



Face to the side, Do not bend downward to damage the strip



Face to the side, Do not bend upward to damage the strip



Please do not twist the strip, or it will be damaged.

1. Specifications might change without notice

2. Special design on request



# Fast Connectors



Item NO	PCB Width	LED Qty/m	Channels
CS205001	10mm	≤60	RGB, 4-PIN
CS307001	12mm	≤60	RGBW, 5-PIN
CS206001	10mm	≤60	Single Color, 2-PIN



Item NO	PCB Width	LED Qty/m	Channels
CS205002	10mm	≤60	RGB, 4-PIN
CS307002	12mm	≤60	RGBW, 5-PIN
CS206002	10mm	≤60	Single Color, 2-PIN



Item NO	PCB Width	LED Qty/m	Channels
CS205003	10mm	≤60	RGB, 4-PIN
CS307003	12mm	≤60	RGBW, 5-PIN
CS206003	10mm	≤60	Single Color, 2-PIN



Item NO	PCB Width	LED Qty/m	Channels
CS101010	8mm	≤60	Single Color, 2-PIN
CS201010	10mm	≤60	Single Color, 2-PIN



Item NO	PCB Width	LED Qty/m	Channels
CS101011	8mm	≤60	Single Color, 2-PIN
CS201011	10mm	≤60	Single Color, 2-PIN



Item NO	PCB Width	LED Qty/m	Channels
CS101012	8mm	≤60	Single Color, 2-PIN
CS201012	10mm	≤60	Single Color, 2-PIN

1. Specifications might change without notice

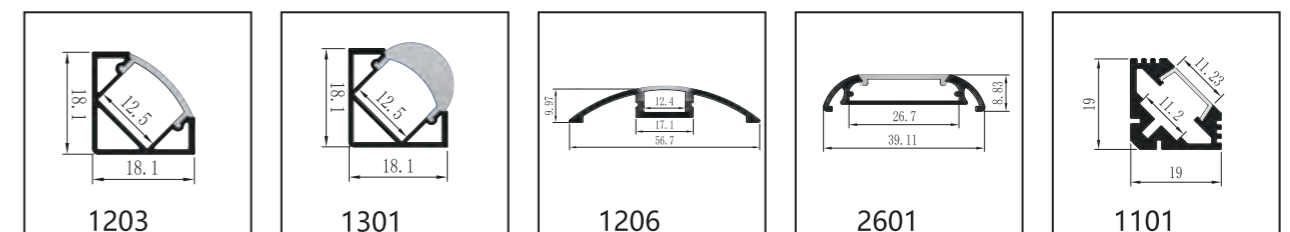
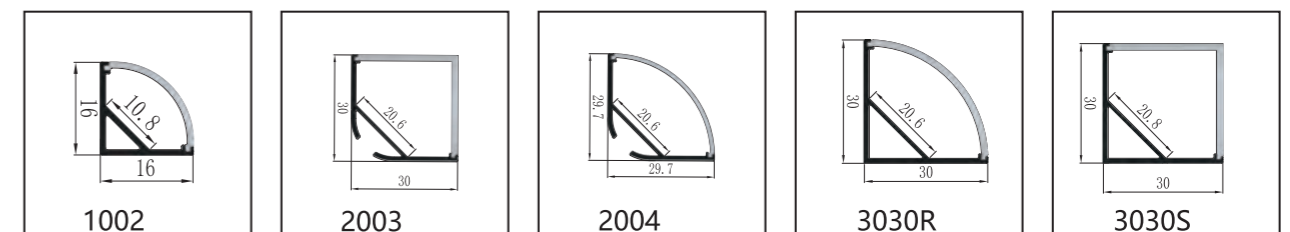
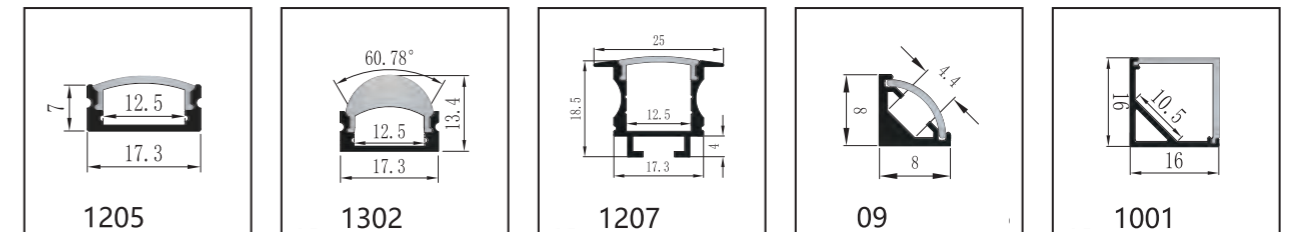
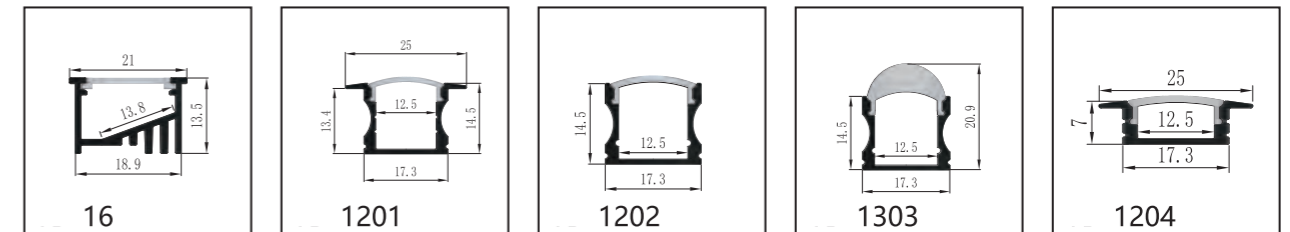
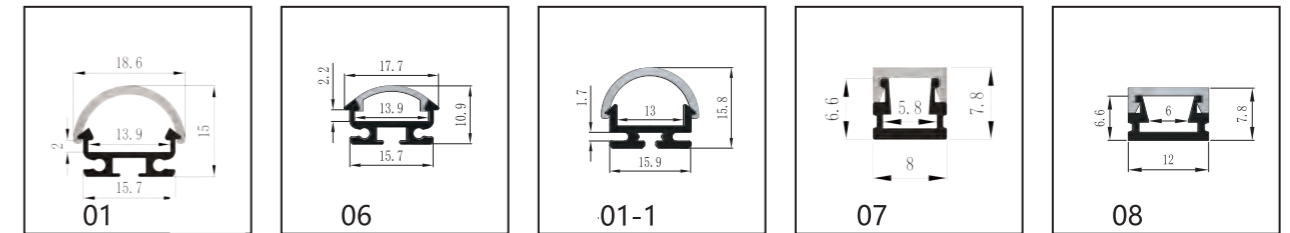
2. For glue coating waterproof LED Strip Light

# Profile Type

Available color Profile

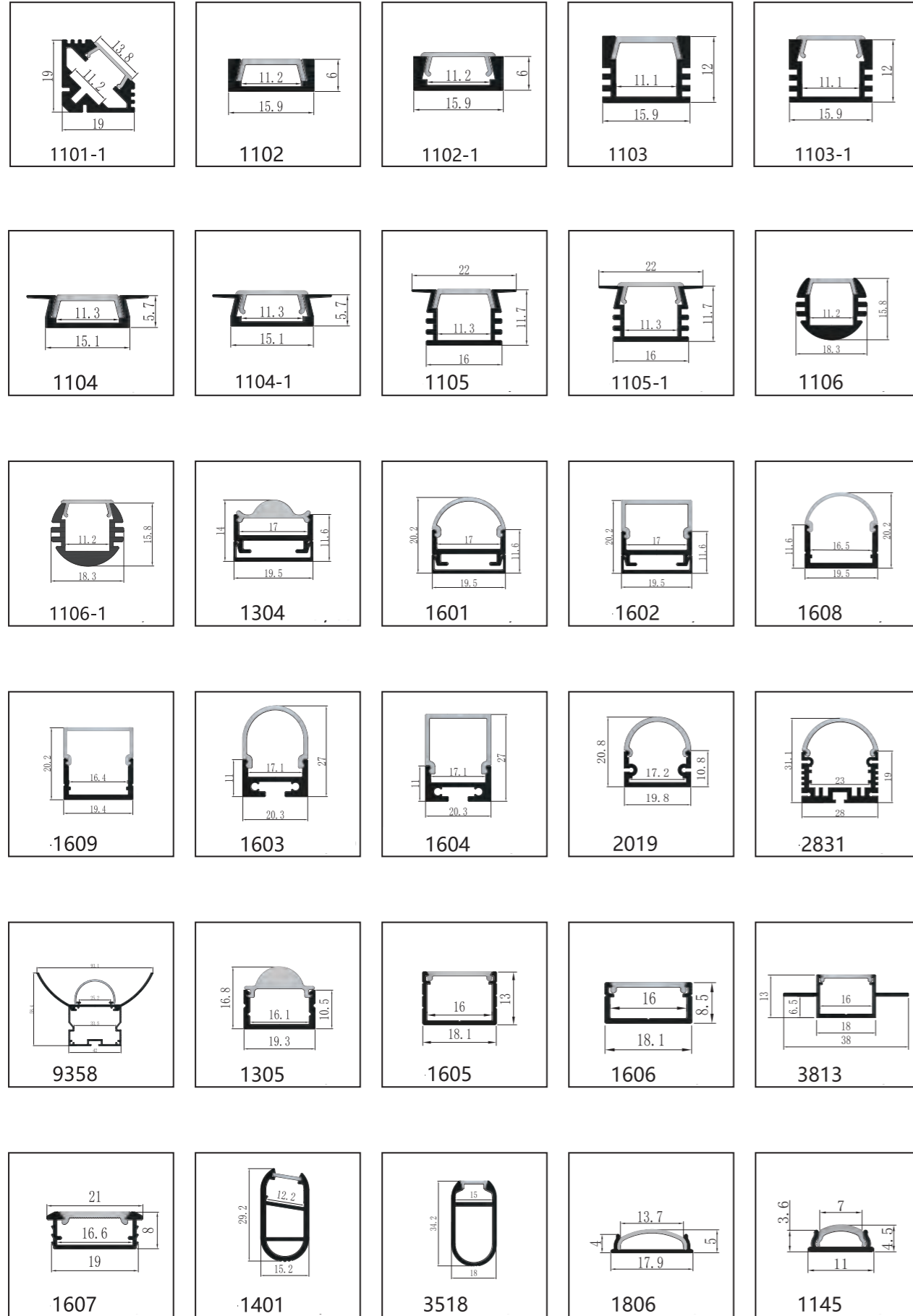
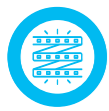


Cover color



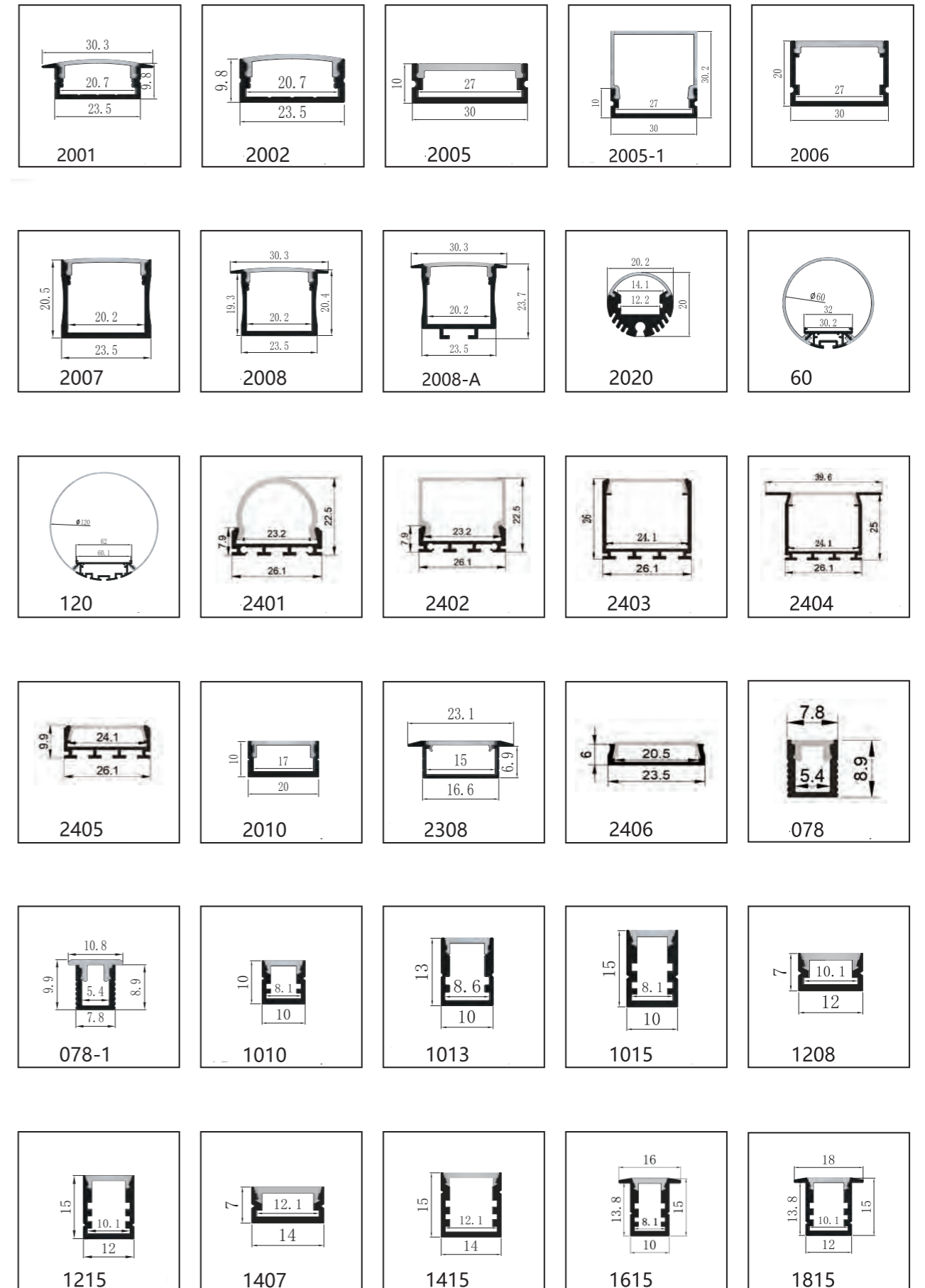
1. Specifications might change without notice

2. Special design on request



1. Specifications might change without notice

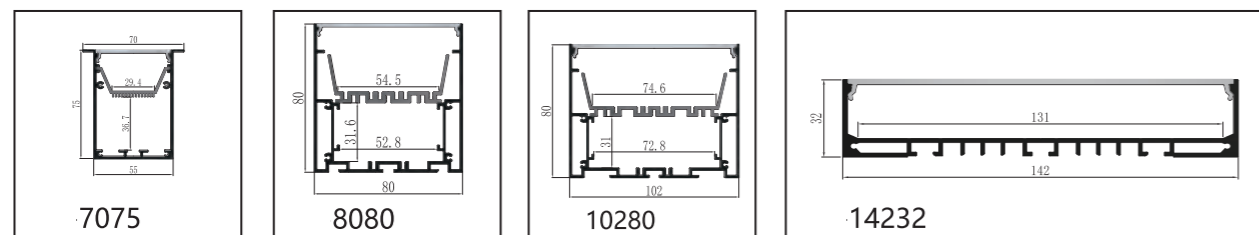
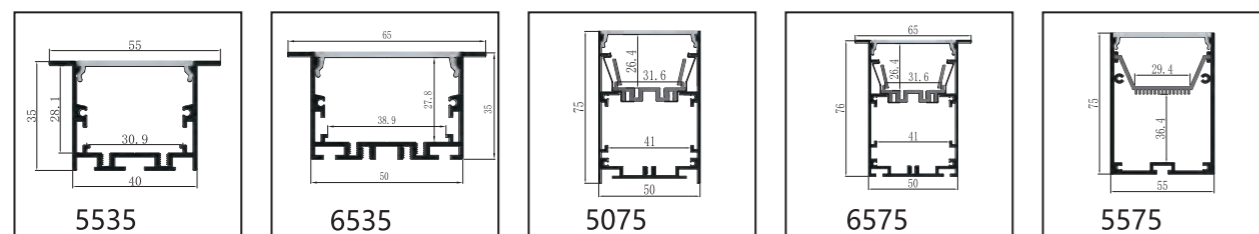
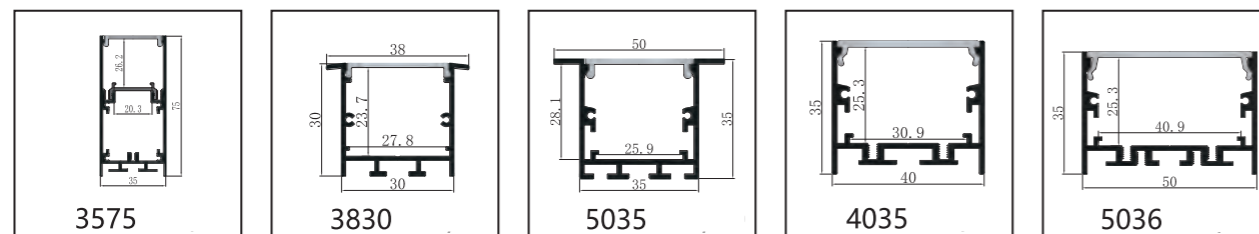
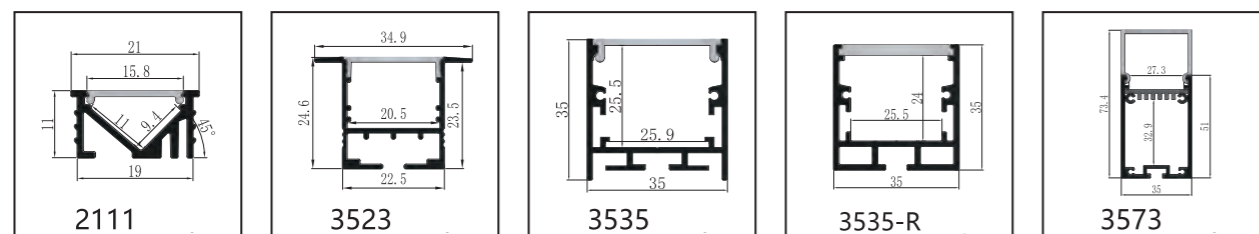
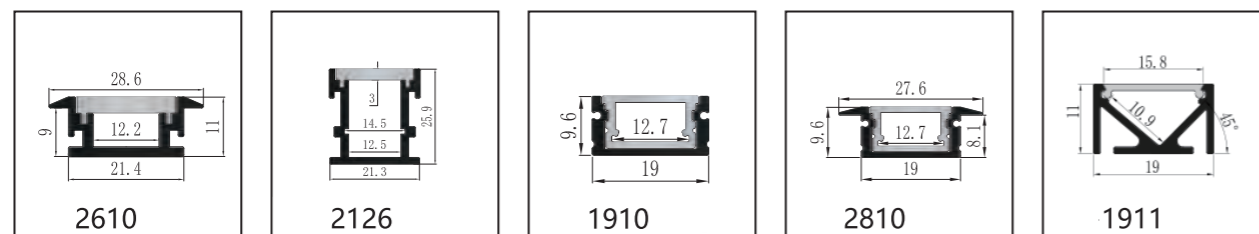
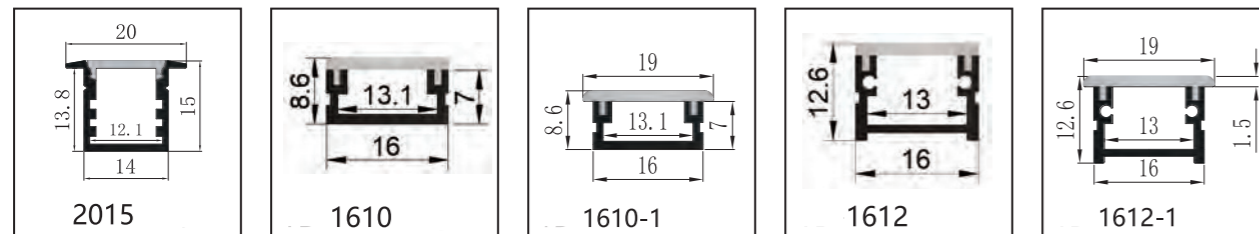
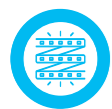
2. Special design on request



1. Specifications might change without notice

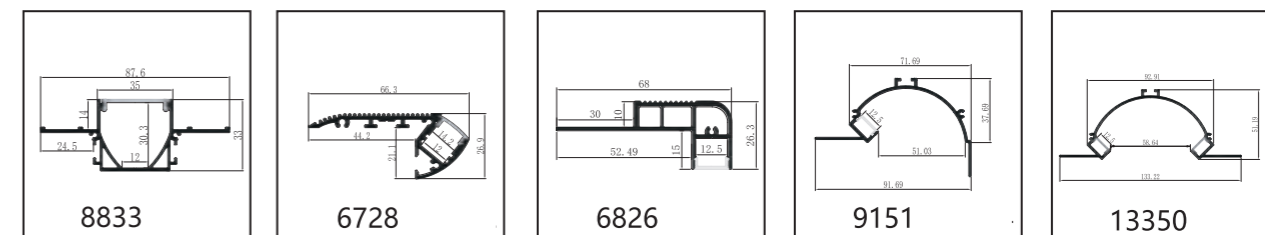
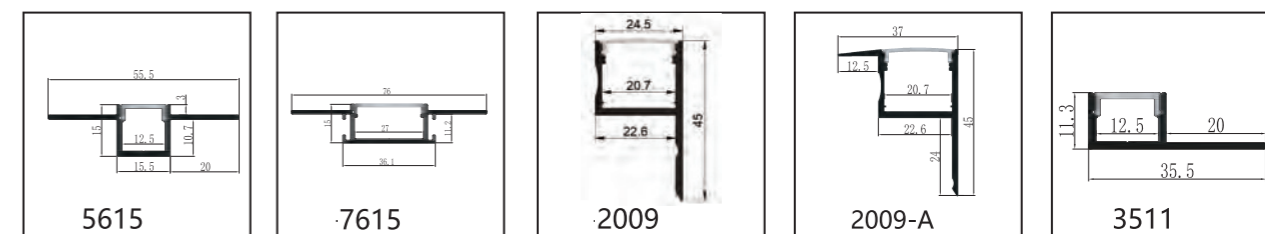
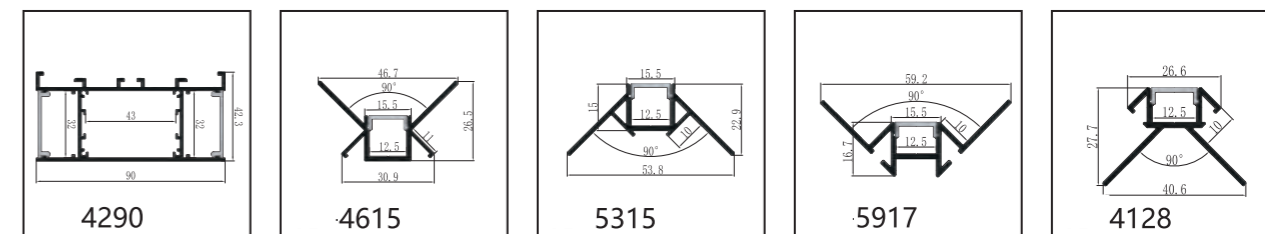
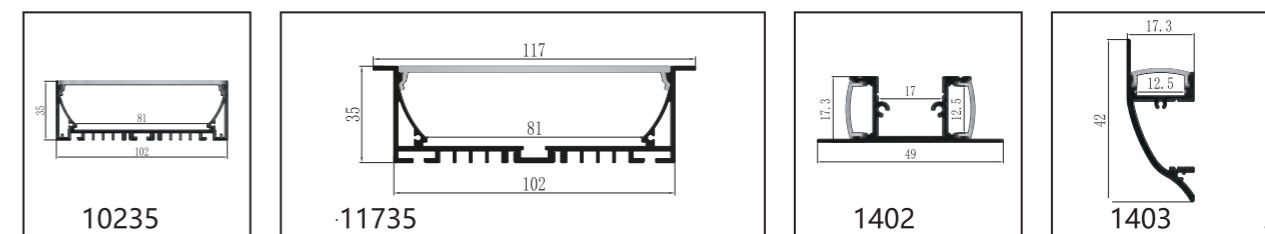
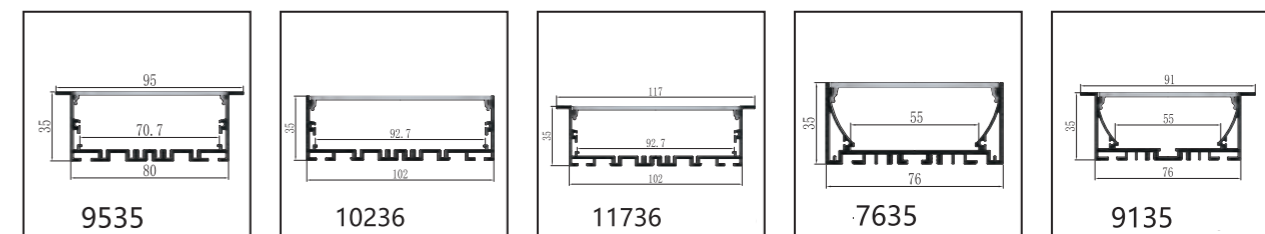
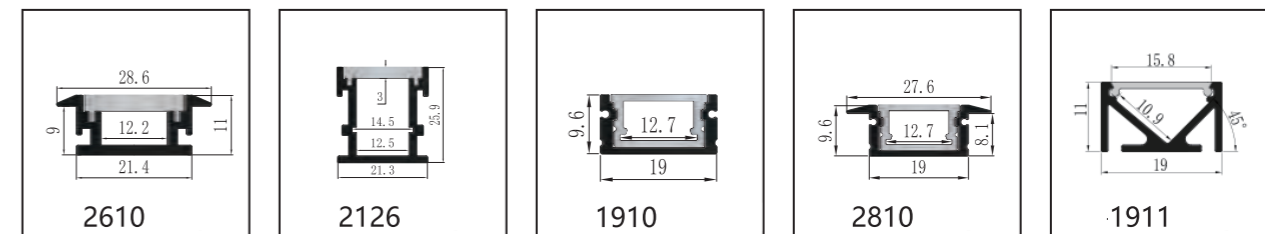
2. Special design on request





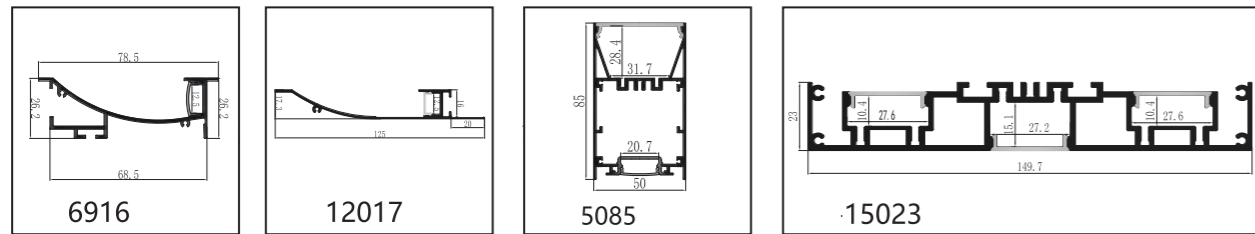
1. Specifications might change without notice

2. Special design on request



1. Specifications might change without notice

2. Special design on request



# Accessory

The images in the catalogue are indicative, each accessory is available in combination with the chosen profile.

## Side Closure Cap



## Profile Connector



## Clip



1. Specifications might change without notice

2. Special design on request

# CODIFICATION

LIGHTING SOLUTION

<b>ELED</b>	<b>050</b>	<b>S2216</b>	<b>- 024</b>	<b>04.8</b>	<b>-</b>	<b>1xx</b>	<b>B</b>	<b>A</b>	<b>S</b>	<b>400</b>																																
<b>Package</b>	<b>Voltage</b>		<b>Power</b>	<b>Row + PCB width</b>		<b>Cuttable Unit</b>	<b>CRI</b>		<b>CCT option</b>																																	
001 = 100mm/roll 050 = 5m/roll 100 = 10m/roll other on request	012 = 12V DC 024 = 24V DC 230 = 230V AC		power per meter	1 = n° of rows 1 = 1 rows 2 = 2 rows 3 = 3 rows  xx = PCB width 03 = 3,5 mm 08 = 8 mm 10 = 10 mm 12 = 12 mm 13 = 13,5 mm 15 = 15 mm etc.		A = 7.46mm B = 12.5mm C = 22.7mm D = 25.0mm E = 27.8mm F = 33.3mm G = 35.71mm H = 41.6mm I = 45.5mm J = 50.0mm K = 55.5mm L = 62.5mm M = 83.3mm N = 100mm O = 125mm P = 166mm Q = 200mm Etc.	S = 80Ra N = 90Ra		220 = 2200K 270 = 2700K 300 = 3000K 400 = 4000K 500 = 5000K 650 = 6500K  SRG = SMD RGB RGW = SMD RGB+W RGC = SMD RGB+CCT  CRG = COB RGB WRG = COB RGB+W KRG = COB RGB+CCT  NRG = RGB+CCT																																	
<b>Led Type</b>						<b>IP protection</b>																																				
S2216 = SMD 2216 S2835 = SMD 2835 S3014 = SMD 3014 S3528 = SMD 3528 S5050 = SMD 5050 S5730 = SMD 5730  C0320 = COB 320Chips/m C0420 = COB 420Chips/m C0528 = COB 528Chips/m C0640 = COB 640Chips/m  N0612 = NEON 6 x 12 mm N0816 = NEON 8 x 16 mm N1010 = NEON 10 x 10 mm N2010 = NEON 20 x 10 mm						<table border="1"> <thead> <tr> <th>Codification</th> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> </tr> </thead> <tbody> <tr> <td>IP Rating</td> <td>20</td> <td>54A</td> <td>54B</td> <td>65A</td> <td>65B</td> <td>67</td> <td>68</td> </tr> <tr> <td>Section</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Material</td> <td>None</td> <td>Silicone glue on surface</td> <td>PU glue on surface</td> <td>Inject with heat shrink tube</td> <td>Inject with silicone tube</td> <td>Silicone extrusion</td> <td>Silicone extrusion</td> </tr> </tbody> </table>					Codification	A	B	C	D	E	F	G	IP Rating	20	54A	54B	65A	65B	67	68	Section								Material	None	Silicone glue on surface	PU glue on surface	Inject with heat shrink tube	Inject with silicone tube	Silicone extrusion	Silicone extrusion
Codification	A	B	C	D	E	F	G																																			
IP Rating	20	54A	54B	65A	65B	67	68																																			
Section																																										
Material	None	Silicone glue on surface	PU glue on surface	Inject with heat shrink tube	Inject with silicone tube	Silicone extrusion	Silicone extrusion																																			

# CODIFICATION

## KEY TERMS & BASICS

LED strips are flexible circuits where dimmable SMD and COB LEDs are soldered and which guarantee a light emission of 120°/180°.

They are usually supplied in packages of 5m/roll and are equipped with an adhesive (except neon) on the back for easy application on many surfaces. Thanks to the predefined cutting points (**Cuttable Unit**), based on the type of strip, they can be easily customized in length.

*Le strisce LED sono circuiti flessibili dove vengono saldati LED SMD e COB dimmerabili e che garantiscono un'emissione luminosa di 120°/180°.*

*Sono fornite solitamente in confezioni (package) di 5m/roll e sono dotate di un adesivo (eccetto i neon) sul retro per un'applicazione facile su molte superfici. Grazie ai punti di taglio predefiniti (Cuttable Unit), in base alla tipologia di striscia, possono essere facilmente customizzati in lunghezza.*

LED strips can be available with one or more rows of LEDs (**single or multiple rows**) and vary in size and width (**width**). The choice of width is a fundamental aspect, since it affects heat dispersion, installation flexibility and other technical factors.

*Le strisce LED possono essere disponibili con una o più file di LED (single or multiple rows) e variano in dimensioni e larghezze (width). La scelta della larghezza è un aspetto fondamentale, poiché influisce sulla dispersione del calore, sulla flessibilità dell'installazione e su altri fattori tecnici.*

## LED Type

Our LED strips are available in different models that differ based on the SMD LED used, from which they take their name and which identifies the size.

*Le nostre strip LED sono disponibili in diversi modelli che si differenziano in base al LED SMD utilizzato, da cui prendono il nome e che identifica la dimensione.*

- SMD LED 2216, 2835, 3014, 3528, 5050, 5730: excellent color rendering, greater energy efficiency and application flexibility.  
*LED SMD 2216, 2835, 3014, 3528, 5050, 5730: eccellente resa cromatica, maggiore efficienza energetica e flessibilità di applicazione.*
- COB LED: chip-on-board for continuous and uniform lighting without visible points  
*COB LED: chip-on-board per un'illuminazione continua e uniforme senza punti visibili*
- NEON LED: maximum flexibility and resistance to atmospheric agents. They use SMD LEDs and are classified by size.  
*NEON LED: massima flessibilità e resistenza agli agenti atmosferici. Usano led SMD e si classificano in base alla dimensione.*

## CCT Option

The attributes that characterize the LED strip light are CCT, CRI and LUMEN.  
*Gli attributi che caratterizzano la luce della striscia LED sono CCT, CRI e LUMEN.*

The Correlated Color Temperature (**CCT**) defines the color appearance of a white light, and identifies the color tone, whether warm or cold.

The CCT is expressed in degrees Kelvin. Most white lights fall into a spectrum between 1800K and 6500K. When it drops below 3000K, the light appears visibly warmer, while at the opposite end of the spectrum, when it goes above 6500K, the light takes on a blue hue and a colder appearance.

*La Temperatura di Colore Correlata (CCT) definisce l'aspetto cromatico di una luce bianca, e identifica la tonalità del colore, se calda o fredda.*

*La CCT è espressa in gradi Kelvin. La maggior parte delle luci bianche si colloca in uno spettro tra 1800K e 6500K. Quando scende sotto i 3000K, la luce appare visibilmente più calda, mentre all'estremità opposta dello spettro, quando supera i 6500K, la luce assume una tonalità blu e un aspetto più freddo.*

Depending on the model, RGB, RGB+W, RGB+CCT LED strips can also be requested. With RGB light, different colors are combined together - red, green and blue - creating a wide range of different shades of light.

In the RGB+W, RGB+CCT models, compared to the classic RGB, the color white is added. This additional color allows you to create warm white light colors and give the color tones of the RGB light a warmer and more atmospheric appearance.

*In base al modello possono essere richieste inoltre strisce led RGB, RGB+W, RGB+CCT.*

*Con la luce RGB vengono combinati tra loro colori diversi - il rosso, il verde e il blu - creando un'ampia gamma di sfumature diverse di luce.*

*Nei modelli RGB+W, RGB+CCT, rispetto al classico RGB, viene aggiunto il colore bianco.*

*Questo colore aggiuntivo permette di creare colori di luce bianca calda e di dare ai toni di colore della luce RGB un aspetto più caldo e di atmosfera.*



## CRI

The Color Rendering Index (**CRI**) measures the quality of light and its ability to enhance the colors of the objects it illuminates.

Our LED strips have a CRI between 80 and 90 Ra, which means they can enhance colors, giving brightness, depth and color fidelity to what they illuminate.

*L'indice di resa cromatica (CRI) misura la qualità della luce e la capacità di esaltare i colori degli oggetti da essa illuminati.*

*Le nostre strisce LED hanno un CRI tra 80 e 90 Ra, il che significa che possono esaltare i colori, conferendo brillantezza, profondità e fedeltà cromatica a ciò che illuminano.*

The last element that characterizes light is the Lumen, which measures the brightness or luminous flux and it is important not to confuse it with the watts which instead identify the energy consumption (Power), even though they are closely related.

*L'ultimo elemento che caratterizza la luce è il Lumen, questo misura il flusso luminoso ed è importante non confonderlo con i watt, che invece identificano il consumo energetico (Power), nonostante sia strettamente legato.*

## IP Protection

Another element to consider when purchasing LED Strips is their degree of waterproofness and resistance to atmospheric agents. There are different degrees of protection: IP20, IP54, IP65, IP67 and IP68.

Below you will find the various characteristics:

*Un altro elemento da considerare quando si acquistano Strip LED è il loro grado di impermeabilità e resistenza agli agenti atmosferici. Esistono diversi gradi di protezione: IP20, IP54, IP65, IP67 e IP68.*

*Di seguito troverai le varie caratteristiche:*

Codification	A	B	C	D	E	F	G
IP Rating	20	54A	54B	65A	65B	67	68
Section							
Material	None	Silicone glue on surface	PU glue on surface	Inject with heat shrink tube	Inject with silicone tube	Silicone extrusion	Silicone extrusion



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