

High CRI Ra 94+
Ra 97+

RA 94+ SMD2835 Series
RA 97+ Available

Product Features

- 1. RA 94+,conform to the requirement of supplementary lighting.
- 2. Abundant CCT for option:
1800K|2100K|2300K|2700K|3000K|3500K|4000K|5000K|6500K.
- 3. 30LEDs/60LEDs/112LEDs/120LEDs/176LEDs/180LEDs/240LEDs per meter for option.
- 4. The way of heat dissipation better than SMD3528 and SMD5050 led source.
- 5. White,brown,black FPC for option,but our standard FPC color is white.

EST-FS2835C-240H-24-Y

①②③④⑤

Color

1800 K	2100 K	2300 K	2700 K	3000 K
	3500 K	4000 K	5000 K	6500 K

Input DC Voltage

24VDC | 12VDC

LED Type

SMD2835

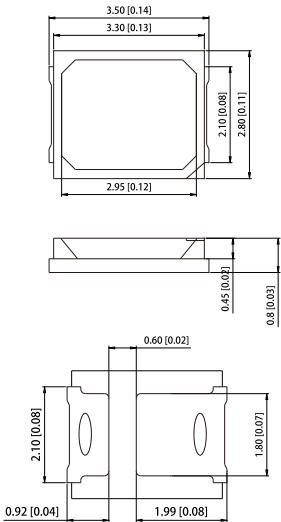
LED Qty.per meter

240 | 180 | 176 | 120
112 | 60 | 30

IP Index

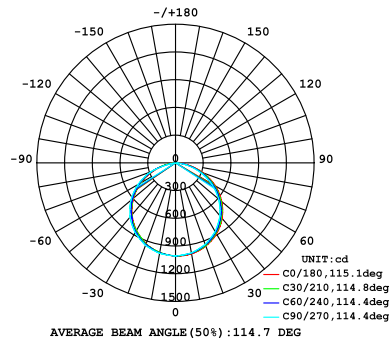
IP20 | IP54 | IP65
IP67 | IP68

Model	Color temp.	Luminous Flux@60mA		I _F		CRI(Ra)
		Min.	Max.	Current	Max.	
 SMD2835	1800K	20LM	22LM	60mA	150mA	94+
	2100K	20LM	22LM	60mA	150mA	94+
	2300K	20LM	22LM	60mA	150mA	94+
	2700K	20LM	22LM	60mA	150mA	94+
	3000K	20LM	22LM	60mA	150mA	94+
	3500K	20LM	22LM	60mA	150mA	94+
	4000K	20LM	22LM	60mA	150mA	94+
	5000K	20LM	22LM	60mA	150mA	94+
	6500K	20LM	22LM	60mA	150mA	94+

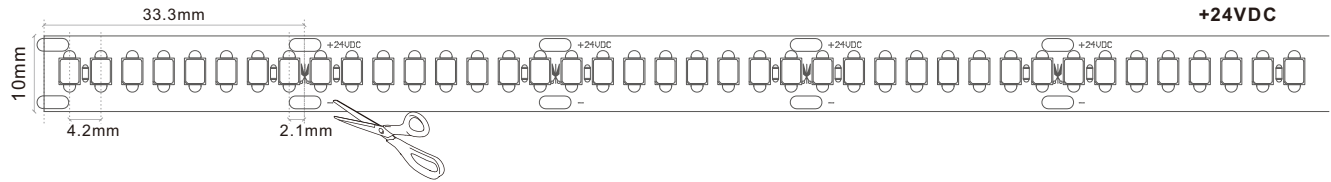


Part Number:EST-FS2835C-240H-24-Y

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
EST-FS2835WW-240H-24-Y	1800K	2415LM	<23W	105LM/W	94+	3OZ
EST-FS2835WW-240H-24-Y	2100K	2415LM	<23W	105LM/W	94+	3OZ
EST-FS2835WW-240H-24-Y	2300K	2530LM	<23W	110LM/W	94+	3OZ
EST-FS2835WW-240H-24-Y	2700K	2645LM	<23W	115LM/W	94+	3OZ
EST-FS2835WW-240H-24-Y	3000K	2645LM	<23W	115LM/W	94+	3OZ
EST-FS2835WW-240H-24-Y	3500K	2645LM	<23W	115LM/W	94+	3OZ
EST-FS2835NW-240H-24-Y	4000K	2780LM	<23W	121LM/W	94+	3OZ
EST-FS2835NW-240H-24-Y	5000K	2780LM	<23W	121LM/W	94+	3OZ
EST-FS2835PW-240H-24-Y	6500K	2691LM	<23W	117LM/W	94+	3OZ



Strip length: CE:500CM UL:13.12FT

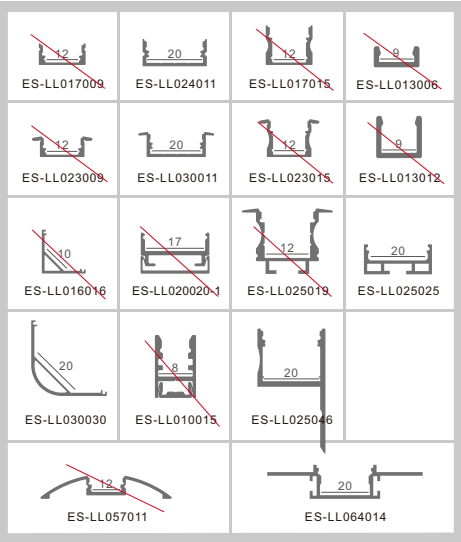


IP Rating:

- ☒ IP20---Non waterproof
- ☒ IP54---Nano coated
- ☒ IP65---Silicon coated
- ☒ IP67---Silicon coated & Wrapped heat shrink tube
- ☒ IP67---PVC extrusion
- ☒ IP67---Silicon extrusion
- ☒ IP67---Silicon tube(transparent)
- ☒ IP68---Silicon tube(transparent) & Inject silicon glue

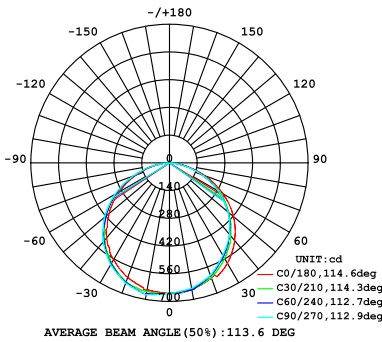
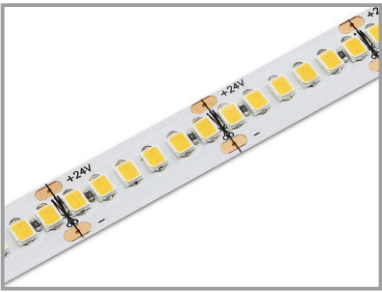


AL. profiles (mm)

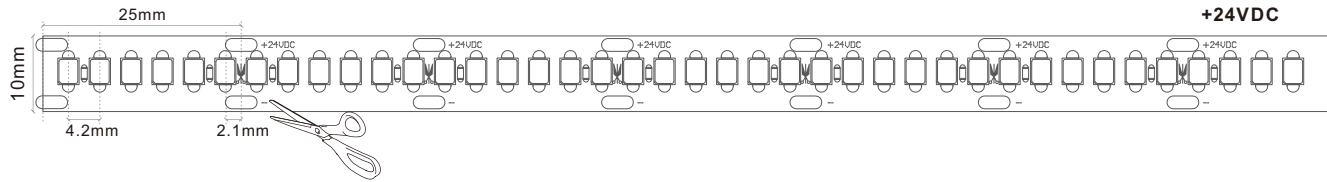


Part Number:EST-FS2835C-240-24-Y

Model	Color temp.	LM/M	Power/M	CRI (Ra)	FPC copper
EST-FS2835WW-240-24-Y	1800K	1270LM	<23W	94+	3OZ
EST-FS2835WW-240-24-Y	2100K	1340LM	<23W	94+	3OZ
EST-FS2835WW-240-24-Y	2300K	1490LM	<23W	94+	3OZ
EST-FS2835WW-240-24-Y	2700K	1725LM	<23W	94+	3OZ
EST-FS2835WW-240-24-Y	3000K	1725LM	<23W	94+	3OZ
EST-FS2835WW-240-24-Y	3500K	1725LM	<23W	94+	3OZ
EST-FS2835NW-240-24-Y	4000K	1865LM	<23W	94+	3OZ
EST-FS2835NW-240-24-Y	5000K	1865LM	<23W	94+	3OZ
EST-FS2835PW-240-24-Y	6500K	1910LM	<23W	94+	3OZ



Strip length: CE:500CM UL:13.12FT

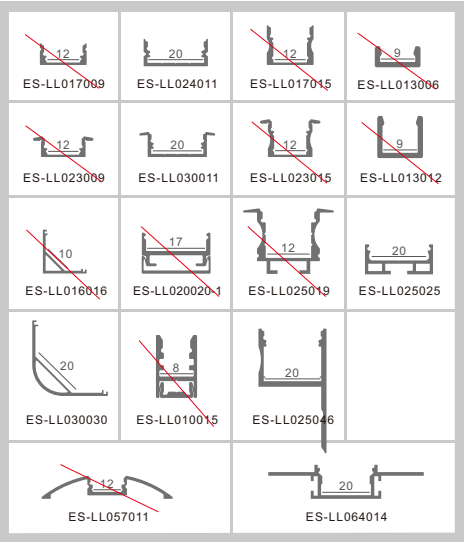


IP Rating:

- ☒ IP20---Non waterproof
- ☒ IP54---Nano coated
- ☒ IP65---Silicon coated
- ☒ IP67---Silicon coated & Wrapped heat shrink tube
- ☒ IP67---PVC extrusion
- ☒ IP67---Silicon extrusion
- ☒ IP67---Silicon tube(transparent)
- ☒ IP68---Silicon tube(transparent) & Inject silicon glue



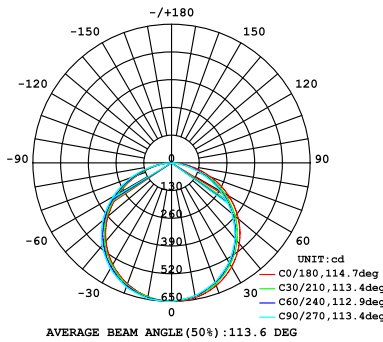
AL. profiles (mm)



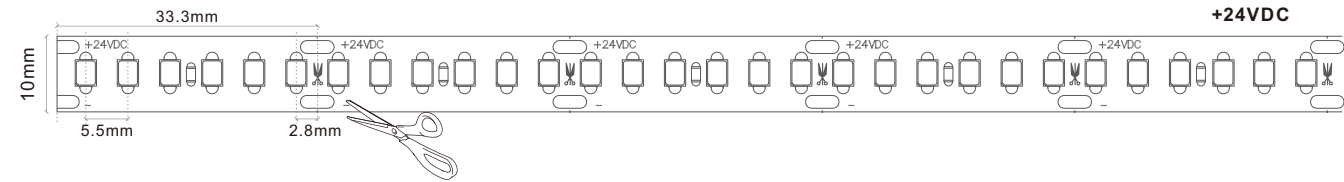
High CRI
RA 94+ SMD2835

Part Number:EST-FS2835C-180-24-Y

Model	Color temp.	LM/M	Power/M	CRI (Ra)	FPC copper
EST-FS2835WW-180-24-Y	1800K	1213LM	<23W	94+	3OZ
EST-FS2835WW-180-24-Y	2100K	1284LM	<23W	94+	3OZ
EST-FS2835WW-180-24-Y	2300K	1400LM	<23W	94+	3OZ
EST-FS2835WW-180-24-Y	2700K	1650LM	<23W	94+	3OZ
EST-FS2835WW-180-24-Y	3000K	1650LM	<23W	94+	3OZ
EST-FS2835WW-180-24-Y	3500K	1650LM	<23W	94+	3OZ
EST-FS2835NW-180-24-Y	4000K	1800LM	<23W	94+	3OZ
EST-FS2835NW-180-24-Y	5000K	1800LM	<23W	94+	3OZ
EST-FS2835PW-180-24-Y	6500K	1853LM	<23W	94+	3OZ

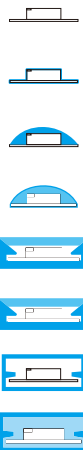


Strip length: CE:500CM UL:13.12FT

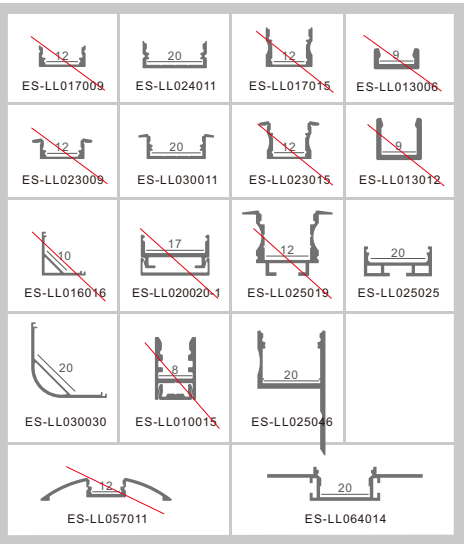


IP Rating:

- ☒ IP20---Non waterproof
- ☒ IP54---Nano coated
- ☒ IP65---Silicon coated
- ☒ IP67---Silicon coated & Wrapped heat shrink tube
- ☒ IP67---PVC extrusion
- ☒ IP67---Silicon extrusion
- ☒ IP67---Silicon tube(transparent)
- ☒ IP68---Silicon tube(transparent) & Inject silicon glue



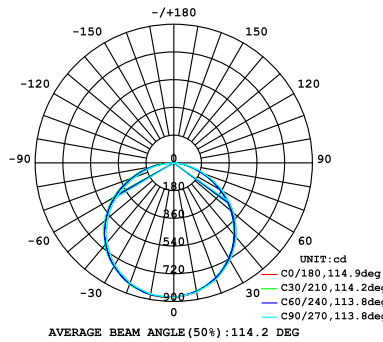
AL. profiles (mm)



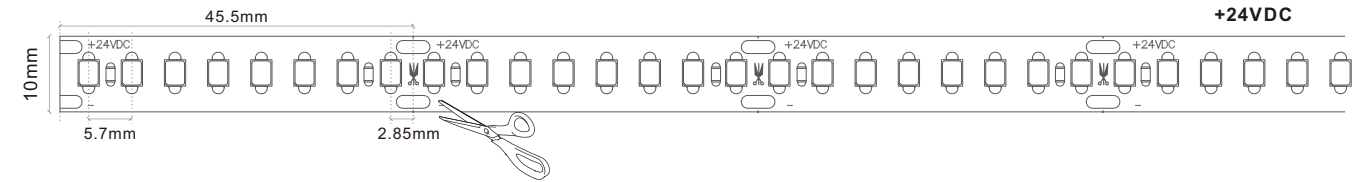
High CRI
RA 94+ SMD2835

Part Number:EST-FS2835C-176-24-Y

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
EST-FS2835WW-176-24-Y	1800K	2370LM	<23W	103LM/W	94+	3OZ
EST-FS2835WW-176-24-Y	2100K	2461LM	<23W	107LM/W	94+	3OZ
EST-FS2835WW-176-24-Y	2300K	2530LM	<23W	110LM/W	94+	3OZ
EST-FS2835WW-176-24-Y	2700K	2530LM	<23W	110LM/W	94+	3OZ
EST-FS2835WW-176-24-Y	3000K	2530LM	<23W	110LM/W	94+	3OZ
EST-FS2835WW-176-24-Y	3500K	2622LM	<23W	114LM/W	94+	3OZ
EST-FS2835NW-176-24-Y	4000K	2709LM	<23W	118LM/W	94+	3OZ
EST-FS2835NW-176-24-Y	5000K	2760LM	<23W	120LM/W	94+	3OZ
EST-FS2835PW-176-24-Y	6500K	2720LM	<23W	118LM/W	94+	3OZ

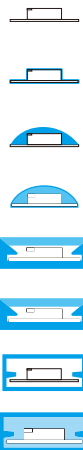


Strip length: CE:500CM UL:13.12FT

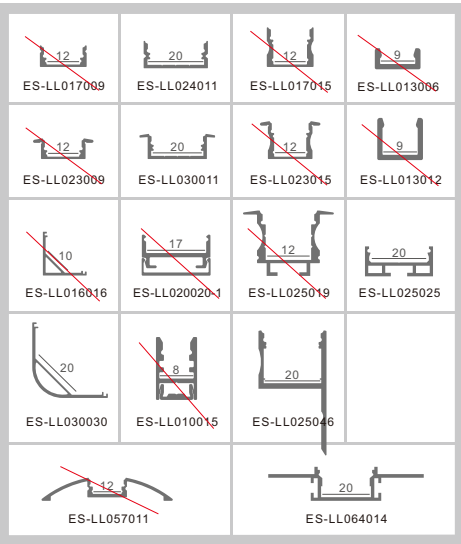


IP Rating:

- ☒ IP20---Non waterproof
- ☒ IP54---Nano coated
- ☒ IP65---Silicon coated
- ☒ IP67---Silicon coated & Wrapped heat shrink tube
- ☒ IP67---PVC extrusion
- ☒ IP67---Silicon extrusion
- ☒ IP67---Silicon tube(transparent)
- ☒ IP68---Silicon tube(transparent) & Inject silicon glue



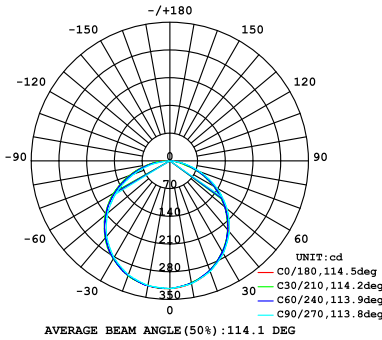
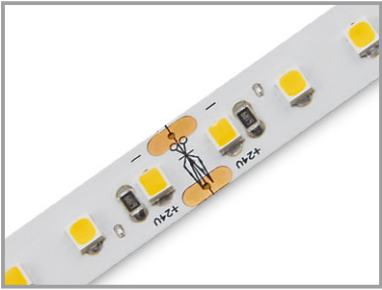
AL. profiles (mm)



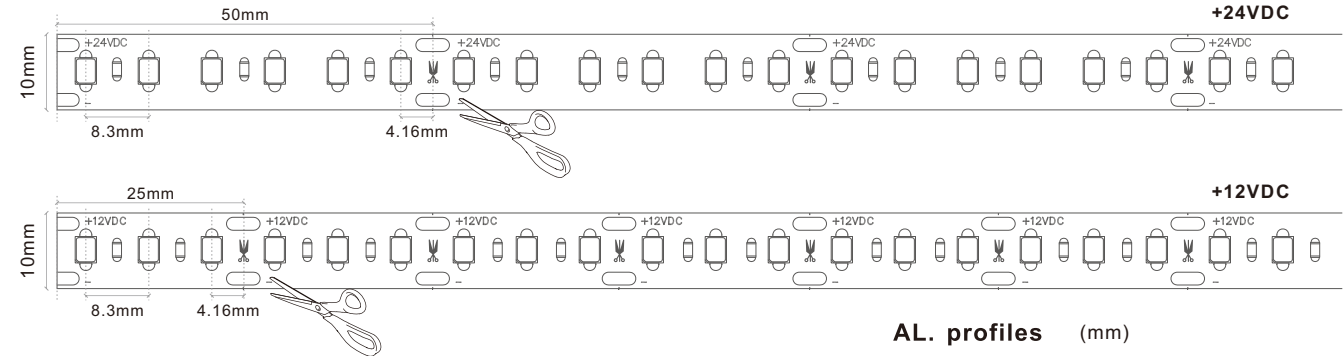
High CRI
RA 94+ SMD2835

Part Number:EST-FS2835C-120-24-Y
Part Number:EST-FS2835C-120-12-Y

Model	Color temp.	LM/M	Power/M	CRI (Ra)	FPC copper
EST-FS2835WW-120-24-Y	1800K	1190LM	<23W(24V) <18W(12V)	94+	3OZ
EST-FS2835WW-120-12-Y	2100K	1320LM	<23W(24V) <18W(12V)	94+	3OZ
EST-FS2835WW-120-24-Y	2300K	1360LM	<23W(24V) <18W(12V)	94+	3OZ
EST-FS2835WW-120-12-Y	2700K	1625LM	<23W(24V) <18W(12V)	94+	3OZ
EST-FS2835WW-120-24-Y	3000K	1625LM	<23W(24V) <18W(12V)	94+	3OZ
EST-FS2835WW-120-12-Y	3500K	1625LM	<23W(24V) <18W(12V)	94+	3OZ
EST-FS2835NW-120-24-Y	4000K	1735LM	<23W(24V) <18W(12V)	94+	3OZ
EST-FS2835NW-120-12-Y	5000K	1735LM	<23W(24V) <18W(12V)	94+	3OZ
EST-FS2835PW-120-24-Y	6500K	1825LM	<23W(24V) <18W(12V)	94+	3OZ



Strip length: CE:500CM UL:13.12FT(24V) | 11.4FT(12V)

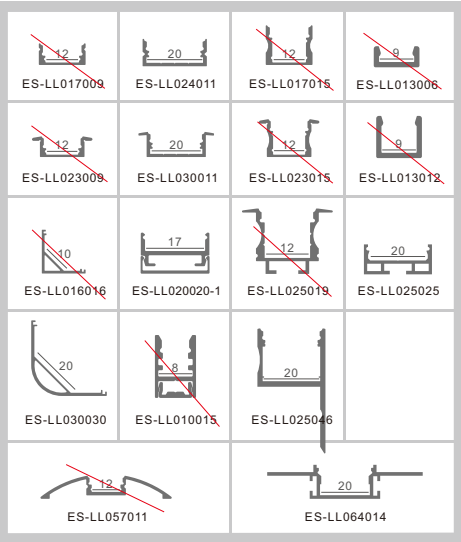


IP Rating:

- ☒ IP20---Non waterproof
- ☒ IP54---Nano coated
- ☒ IP65---Silicon coated
- ☒ IP67---Silicon coated & Wrapped heat shrink tube
- ☒ IP67---PVC extrusion
- ☒ IP67---Silicon extrusion
- ☒ IP67---Silicon tube(transparent)
- ☒ IP68---Silicon tube(transparent) & Inject silicon glue



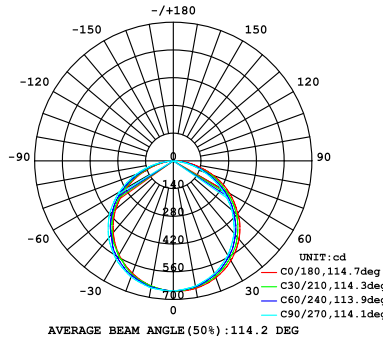
AL. profiles (mm)



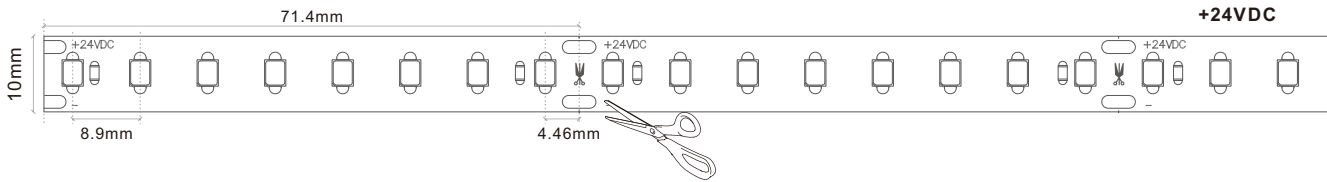
High CRI
RA 94+ SMD2835

Part Number:EST-FS2835C-112-24-Y

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
EST-FS2835WW-112-24-Y	1800K	1680LM	<16.8W	100LM/W	94+	3OZ
EST-FS2835WW-112-24-Y	2100K	1760LM	<16.8W	105LM/W	94+	3OZ
EST-FS2835WW-112-24-Y	2300K	1760LM	<16.8W	105LM/W	94+	3OZ
EST-FS2835WW-112-24-Y	2700K	1810LM	<16.8W	108LM/W	94+	3OZ
EST-FS2835WW-112-24-Y	3000K	1848LM	<16.8W	110LM/W	94+	3OZ
EST-FS2835WW-112-24-Y	3500K	1848LM	<16.8W	110LM/W	94+	3OZ
EST-FS2835NW-112-24-Y	4000K	1900LM	<16.8W	116LM/W	94+	3OZ
EST-FS2835NW-112-24-Y	5000K	1900LM	<16.8W	116LM/W	94+	3OZ
EST-FS2835PW-112-24-Y	6500K	1860LM	<16.8W	111LM/W	94+	3OZ



Strip length: CE:500CM UL:16.4FT

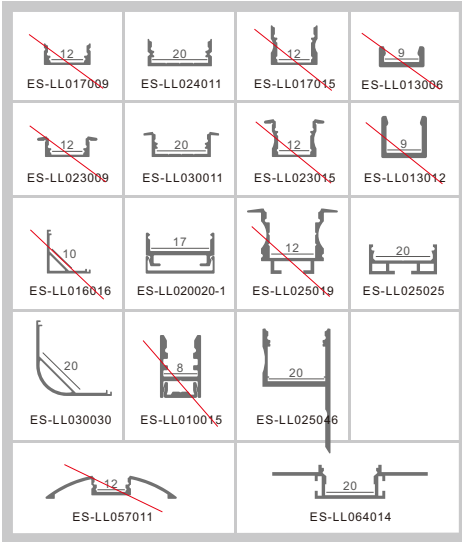


IP Rating:

- ☒ IP20---Non waterproof
- ☒ IP54---Nano coated
- ☒ IP65---Silicon coated
- ☒ IP67---Silicon coated & Wrapped heat shrink tube
- ☒ IP67---PVC extrusion
- ☒ IP67---Silicon extrusion
- ☒ IP67---Silicon tube(transparent)
- ☒ IP68---Silicon tube(transparent) & Inject silicon glue



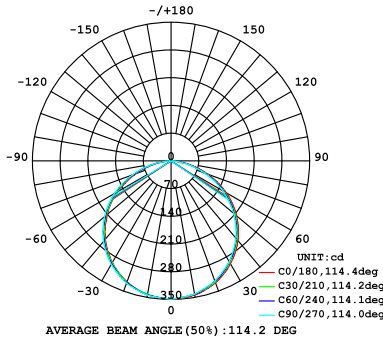
AL. profiles (mm)



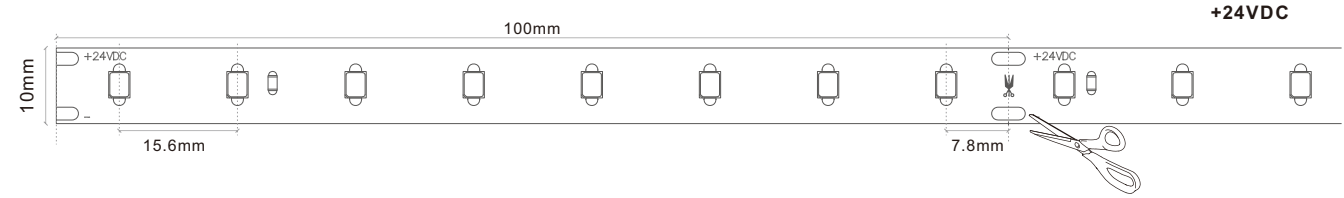
High CRI
RA 94+ SMD2835

Part Number:EST-FS2835C-64-24-Y

Model	Color temp.	LM/M	Power/M	CRI (Ra)	FPC copper
EST-FS2835WW-64-24-Y	1800K	980LM	<12W	94+	3OZ
EST-FS2835WW-64-24-Y	2100K	980LM	<12W	94+	3OZ
EST-FS2835WW-64-24-Y	2300K	1000LM	<12W	94+	3OZ
EST-FS2835WW-64-24-Y	2700K	1040LM	<12W	94+	3OZ
EST-FS2835WW-64-24-Y	3000K	1050LM	<12W	94+	3OZ
EST-FS2835WW-64-24-Y	3500K	1040LM	<12W	94+	3OZ
EST-FS2835NW-64-24-Y	4000K	1100LM	<12W	94+	3OZ
EST-FS2835NW-64-24-Y	5000K	1080LM	<12W	94+	3OZ
EST-FS2835PW-64-24-Y	6500K	1050LM	<12W	94+	3OZ

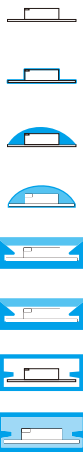


Strip length: CE:500CM UL:27.3FT



IP Rating:

- ✓ IP20---Non waterproof
- ✓ IP54---Nano coated
- ✓ IP65---Silicon coated
- ✓ IP67---Silicon coated & Wrapped heat shrink tube
- ✓ IP67---PVC extrusion
- ✓ IP67---Silicon extrusion
- ✓ IP67---Silicon tube(transparent)
- ✓ IP68---Silicon tube(transparent) & Inject silicon glue



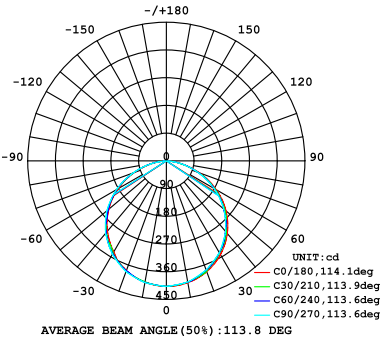
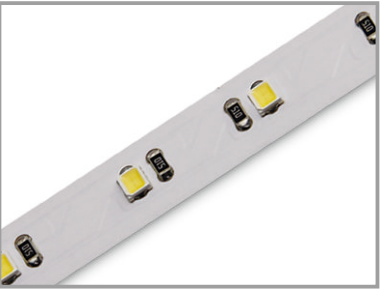
AL. profiles (mm)

 ES-LL017009	 ES-LL024011	 ES-LL017015	 ES-LL013006
 ES-LL023009	 ES-LL030011	 ES-LL023015	 ES-LL013012
 ES-LL016016	 ES-LL020020-1	 ES-LL025019	 ES-LL025025
 ES-LL030030	 ES-LL010015	 ES-LL025046	
 ES-LL057011		 ES-LL064014	

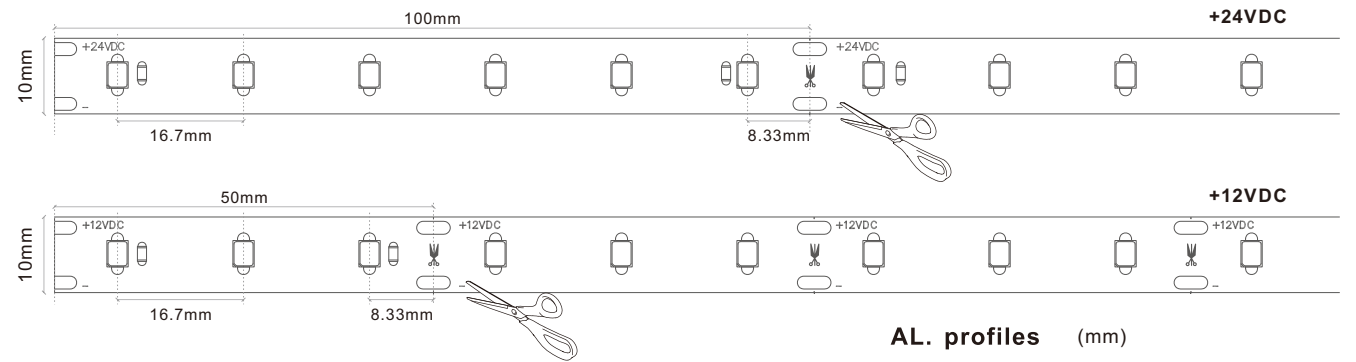
High CRI
RA 94+ SMD2835

Part Number:EST-FS2835C-60-24-Y
Part Number:EST-FS2835C-60-12-Y

Model	Color temp.	LM/M	Power/M	CRI (Ra)	FPC copper
EST-FS2835WW-60-24-Y	1800K	720LM	<14.4W	94+	3OZ
EST-FS2835WW-60-24-Y	2100K	770LM	<14.4W	94+	3OZ
EST-FS2835WW-60-24-Y	2300K	850LM	<14.4W	94+	3OZ
EST-FS2835WW-60-24-Y	2700K	990LM	<14.4W	94+	3OZ
EST-FS2835WW-60-24-Y	3000K	990LM	<14.4W	94+	3OZ
EST-FS2835WW-60-24-Y	3500K	990LM	<14.4W	94+	3OZ
EST-FS2835NW-60-24-Y	4000K	1050LM	<14.4W	94+	3OZ
EST-FS2835NW-60-24-Y	5000K	1050LM	<14.4W	94+	3OZ
EST-FS2835PW-60-24-Y	6500K	1100LM	<14.4W	94+	3OZ



Strip length: CE:500CM UL:21.33FT(24V) | 13.12FT(12V)



IP Rating:

- ✓ IP20---Non waterproof
- ✓ IP54---Nano coated
- ✓ IP65---Silicon coated
- ✓ IP67---Silicon coated & Wrapped heat shrink tube
- ✓ IP67---PVC extrusion
- ✓ IP67---Silicon extrusion
- ✓ IP67---Silicon tube(transparent)
- ✓ IP68---Silicon tube(transparent) & Inject silicon glue



AL. profiles (mm)

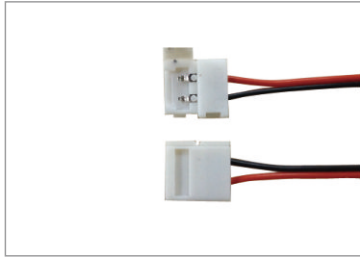
 ES-LL017009	 ES-LL024011	 ES-LL017015	 ES-LL013006
 ES-LL023009	 ES-LL030011	 ES-LL023015	 ES-LL013012
 ES-LL016016	 ES-LL020020-1	 ES-LL025019	 ES-LL025025
 ES-LL030030	 ES-LL010015	 ES-LL025046	
 ES-LL057011		 ES-LL064014	

Connector

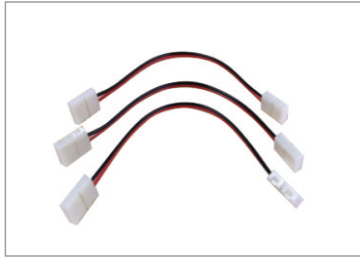
Suitable for SMD3528/2835/2216 series one meter below 120LED, SMD5050/5630 series one meter below 60LED.
Max.Current: 4A



Connector



Connector with cable



Jumper connector

Operational Instruction of Connectors

