

High CRI

SMD2835 1.0W Ra 80+,Ra90+,Ra 97+
SMD2835 0.5W Ra 94+,Ra 97+
SMD2835 0.2W Ra90+

Product Features

- 1. High CRI and high light efficiency.
- 2. Superior heat dissipation and longer lifetime (with a heat sink on the bottom of each led).
- 3. The power of SMD2835 for option: 0.2W, 0.5W, 1W.

LED Type
SMD2835

1

Color

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

2

Power per LED
1W | 0.5W | 0.2W

3

nput DC Voltage
24VDC | 12VDC

4

IP Index

IP20 | IP54 | IP65
IP67 | IP68

5

EST-FS2835C-240H-24-Y

①

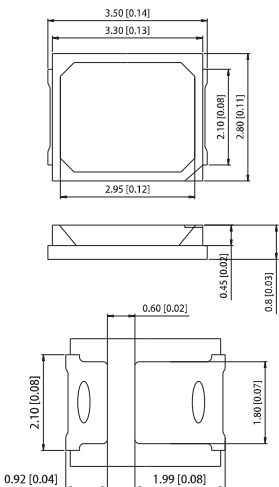
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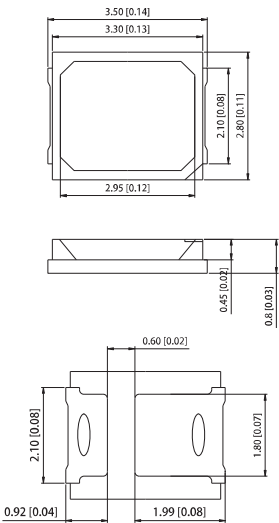
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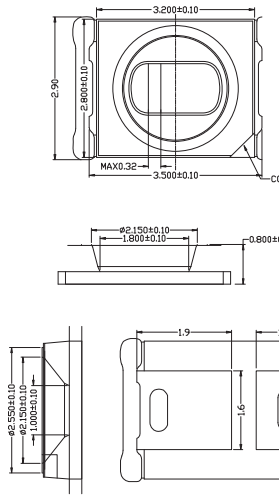
Model	Color temp.	Luminous Flux		I _F	V _F		CRI(Ra)
		Min.	Max.		Current	Max.	
 SMD2835 1W	2300K	80LM	90LM	300mA	3.0V	3.2V	90+
	2700K	80LM	90LM	300mA	3.0V	3.2V	90+
	3000K	85LM	95LM	300mA	3.0V	3.2V	90+
	3500K	85LM	95LM	300mA	3.0V	3.2V	90+
	4000K	85LM	95LM	300mA	3.0V	3.2V	90+
	5000K	85LM	95LM	300mA	3.0V	3.2V	90+
	6500K	85LM	95LM	300mA	3.0V	3.2V	90+



Model	Color temp.	Luminous Flux		I _F	V _F		CRI(Ra)
		Min.	Max.		Current	Max.	
 SMD2835 0.5W	1800K	30LM	35LM	150mA	3.0V	3.2V	94+/97+
	2100K	30LM	35LM	150mA	3.0V	3.2V	94+/97+
	2300K	30LM	35LM	150mA	3.0V	3.2V	94+/97+
	2700K	35LM	40LM	150mA	3.0V	3.2V	94+/97+
	3000K	35LM	40LM	150mA	3.0V	3.2V	94+/97+
	3500K	40LM	45LM	150mA	3.0V	3.2V	94+/97+
	4000K	40LM	45LM	150mA	3.0V	3.2V	94+/97+
	5000K	40LM	45LM	150mA	3.0V	3.2V	94+/97+
	6500K	40LM	45LM	150mA	3.0V	3.2V	94+/97+



Model	Color temp.	Luminous Flux		I _F	V _F		CRI(Ra)
		Min.	Max.		Current	Max.	
 SMD2835 0.2W	2300K	16LM	18LM	60mA	3.0V	3.2V	90+
	2700K	16LM	18LM	60mA	3.0V	3.2V	90+
	3000K	16LM	18LM	60mA	3.0V	3.2V	90+
	3500K	18LM	20LM	60mA	3.0V	3.2V	90+
	4000K	18LM	20LM	60mA	3.0V	3.2V	90+
	5000K	18LM	20LM	60mA	3.0V	3.2V	90+
	6500K	18LM	20LM	60mA	3.0V	3.2V	90+

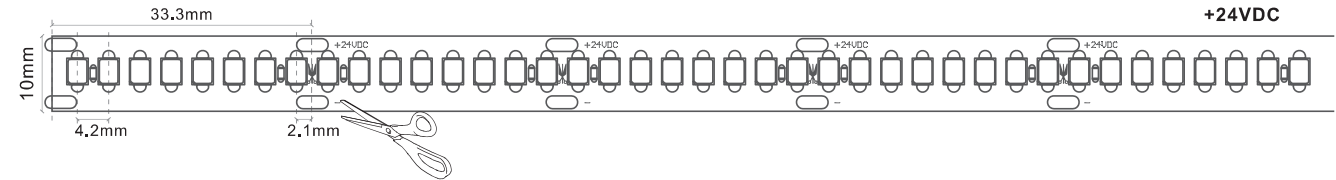


Part Number:EST-FS2835C-240H-24-Y

Strip length: CE:500CM UL:13,12FT

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-240H-24-Y	2300K	2921LM	<23W	127LM/W	90+	3OZ
ES-FS2835WW-240H-24-Y	2700K	2990LM	<23W	130LM/W	90+	3OZ
ES-FS2835WW-240H-24-Y	3000K	3105LM	<23W	135LM/W	90+	3OZ
ES-FS2835WW-240H-24-Y	3500K	3151LM	<23W	137LM/W	90+	3OZ
ES-FS2835NW-240H-24-Y	4000K	3220LM	<23W	140LM/W	90+	3OZ
ES-FS2835NW-240H-24-Y	5000K	3174LM	<23W	138LM/W	90+	3OZ
ES-FS2835PW-240H-24-Y	6500K	3174LM	<23W	138LM/W	90+	3OZ

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-240H-24-Y	2300K	3220LM	<23W	140LM/W	80+	3OZ
ES-FS2835WW-240H-24-Y	2700K	3289LM	<23W	143LM/W	80+	3OZ
ES-FS2835WW-240H-24-Y	3000K	3404LM	<23W	148LM/W	80+	3OZ
ES-FS2835WW-240H-24-Y	3500K	3450LM	<23W	150LM/W	80+	3OZ
ES-FS2835NW-240H-24-Y	4000K	3542LM	<23W	154LM/W	80+	3OZ
ES-FS2835NW-240H-24-Y	5000K	3473LM	<23W	151LM/W	80+	3OZ
ES-FS2835PW-240H-24-Y	6500K	3473LM	<23W	151LM/W	80+	3OZ

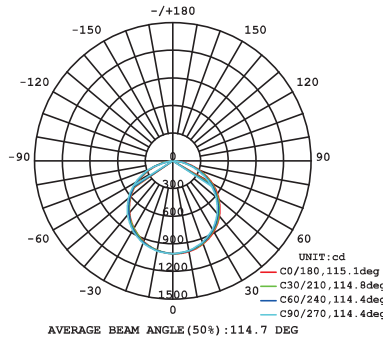


IP Rating:

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



1W
Single LED power



AL. profiles (mm)

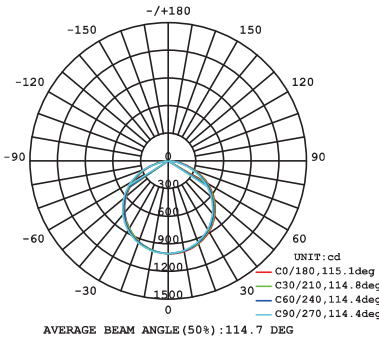
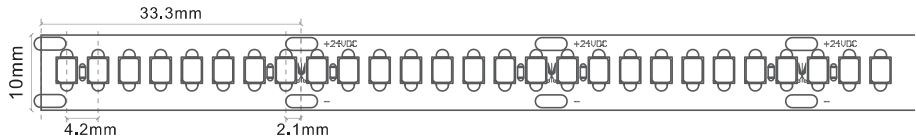
ES-LL017009	ES-LL024011	ES-LL017015	ES-LL013006
ES-LL023009	ES-LL030011	ES-LL023015	ES-LL013015
ES-LL016016	ES-LL020020-1	ES-LL016015	ES-LL025025
ES-LL030030	ES-LL010015	ES-LL020020	
ES-LL018018	ES-LL010010		

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

Strip length: CE:500CM UL:16.4FT

0.5W
Single LED power

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



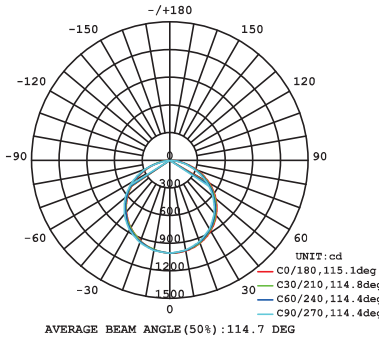
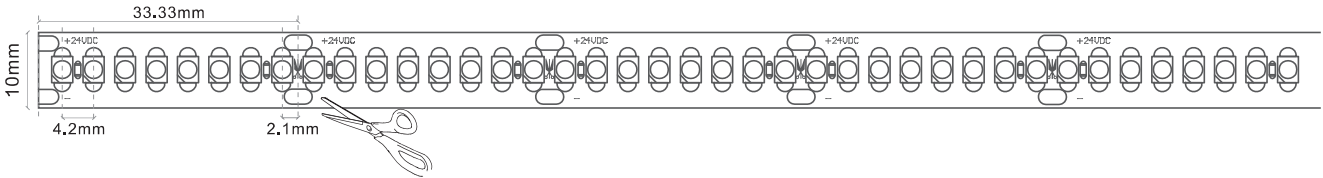
(Refer to P087 for aluminium profile)

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

Strip length: CE:500CM UL:16.4FT

0.2W
Single LED power

Model	Color temp. Wave lengths	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-240H-24-Y	2700K	2073LM	<19.2W	108LM/W	90+	3OZ
ES-FS2835WW-240H-24-Y	3000K	2112LM	<19.2W	110LM/W	90+	3OZ
ES-FS2835WW-240H-24-Y	3500K	2112LM	<19.2W	110LM/W	90+	3OZ
ES-FS2835NW-240H-24-Y	4000K	2227LM	<19.2W	116LM/W	90+	3OZ
ES-FS2835NW-240H-24-Y	5000K	2227LM	<19.2W	116LM/W	90+	3OZ
ES-FS2835PW-240H-24-Y	6500K	2131LM	<19.2W	111LM/W	90+	3OZ
ES-FS2835R-240H-24-Y	620-625 NM NM	--	<19.2W	--	--	3OZ
ES-FS2835Y-240H-24-Y	585-590 NM NM	--	<19.2W	--	--	3OZ
ES-FS2835G-240H-24-Y	517-522 NM NM	--	<19.2W	--	--	3OZ
ES-FS2835B-240H-24-Y	465-470 NM NM	--	<19.2W	--	--	3OZ



(Refer to P087 for aluminium profile)

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

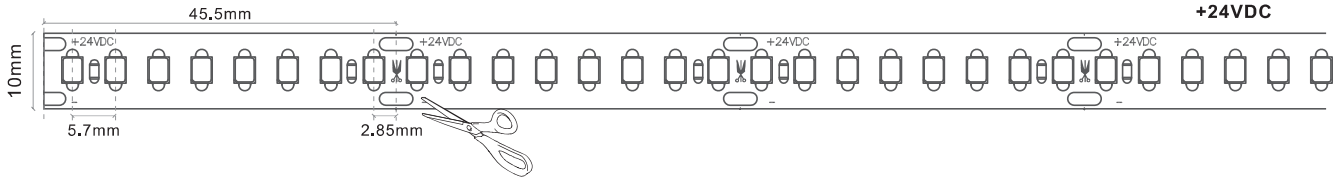
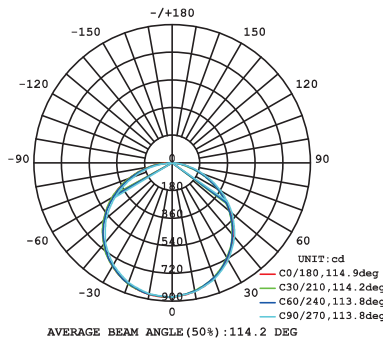
Strip length: CE:500CM UL:13.12FT

1W

Single LED power

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-176H-24-Y	2300K	2438LM	<19.2W	127LM/W	90+	3OZ
ES-FS2835WW-176H-24-Y	2700K	2496LM	<19.2W	130LM/W	90+	3OZ
ES-FS2835WW-176H-24-Y	3000K	2592LM	<19.2W	135LM/W	90+	3OZ
ES-FS2835WW-176H-24-Y	3500K	2630LM	<19.2W	137LM/W	90+	3OZ
ES-FS2835NW-176H-24-Y	4000K	2688LM	<19.2W	140LM/W	90+	3OZ
ES-FS2835NW-176H-24-Y	5000K	2650LM	<19.2W	138LM/W	90+	3OZ
ES-FS2835PW-176H-24-Y	6500K	2650LM	<19.2W	138LM/W	90+	3OZ

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-176H-24-Y	2300K	2688LM	<19.2W	140LM/W	80+	3OZ
ES-FS2835WW-176H-24-Y	2700K	2745LM	<19.2W	143LM/W	80+	3OZ
ES-FS2835WW-176H-24-Y	3000K	2841LM	<19.2W	148LM/W	80+	3OZ
ES-FS2835WW-176H-24-Y	3500K	2880LM	<19.2W	150LM/W	80+	3OZ
ES-FS2835NW-176H-24-Y	4000K	2956LM	<19.2W	154LM/W	80+	3OZ
ES-FS2835NW-176H-24-Y	5000K	2899LM	<19.2W	151LM/W	80+	3OZ
ES-FS2835PW-176H-24-Y	6500K	2899LM	<19.2W	151LM/W	80+	3OZ



IP Rating:

- ☒ IP20---Non waterproof
- ☒ IP54---Nano coated
- ☒ IP65---Silicon coated
- ☒ IP67---Silicon coated & Wrapped heat shrink tube
- ☒ 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-LL013015
ES-LL016016	ES-LL020020-1	ES-LL016015	ES-LL025025
ES-LL030030	ES-LL010015	ES-LL020020	
ES-LL018018	ES-LL010010		

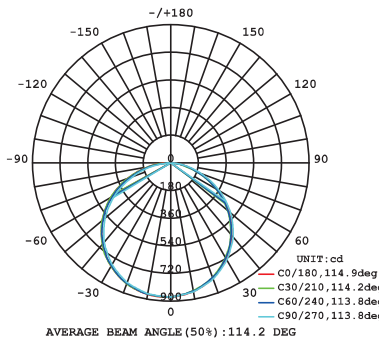
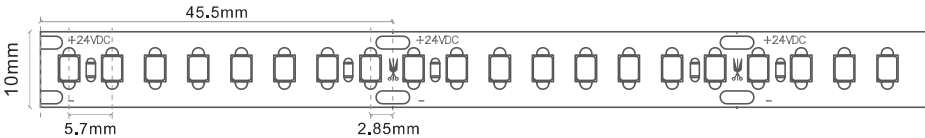
Part Number:EST-FS2835C-176-24-Y

Strip length: CE:500CM UL:13.12FT

0.5W

Single LED power

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	IP Rating
ES-FS2835WW-176-24-Y	1800K	2370LM	<23W	103LM/W	94+	IP20 IP54 IP65
ES-FS2835WW-176-24-Y	2100K	2461LM	<23W	107LM/W	94+	
ES-FS2835WW-176-24-Y	2300K	2530LM	<23W	110LM/W	94+	
ES-FS2835WW-176-24-Y	2700K	2530LM	<23W	110LM/W	94+	
ES-FS2835WW-176-24-Y	3000K	2530LM	<23W	110LM/W	94+	
ES-FS2835WW-176-24-Y	3500K	2622LM	<23W	114LM/W	94+	
ES-FS2835NW-176-24-Y	4000K	2709LM	<23W	118LM/W	94+	
ES-FS2835NW-176-24-Y	5000K	2760LM	<23W	120LM/W	94+	IP65
ES-FS2835PW-176-24-Y	6500K	2720LM	<23W	118LM/W	94+	



(Refer to P089 for aluminium profile)

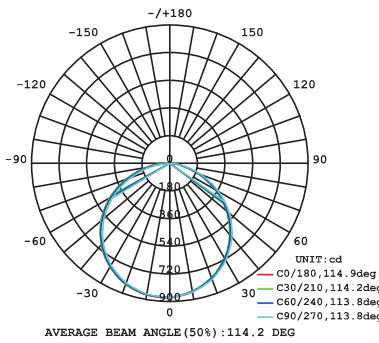
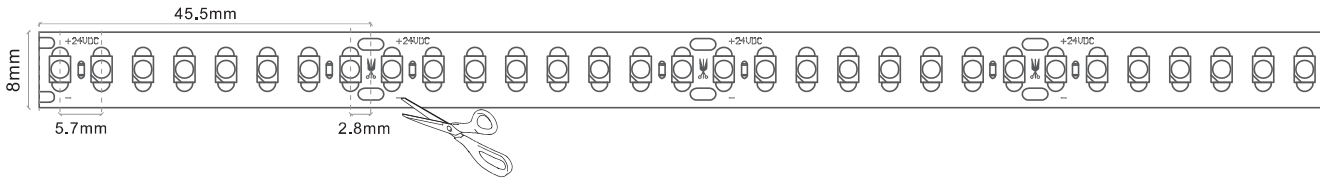
Part Number:EST-FS2835C-176H-24-Y

Strip length: CE:500CM UL:16.4FT

0.2W

Single LED power

Model	Color temp. Wave lengths	LM/M	Power/M	Light efficiency	CRI (Ra)	IP Rating
ES-FS2835WW-176H-24-Y	2700K	1555LM	<14.4W	108LM/W	90+	IP20 IP54 IP65 IP67 IP68
ES-FS2835WW-176-24-Y	3000K	1584LM	<14.4W	110LM/W	90+	
ES-FS2835WW-176H-24-Y	3500K	1584LM	<14.4W	110LM/W	90+	
ES-FS2835NW-176H-24-Y	4000K	1670LM	<14.4W	116LM/W	90+	
ES-FS2835NW-176H-24-Y	5000K	1670LM	<14.4W	116LM/W	90+	
ES-FS2835PW-176H-24-Y	6500K	1598LM	<14.4W	111LM/W	90+	
ES-FS2835R-176H-24-Y	620-625 NM NM	--	<14.4W	--	--	
ES-FS2835Y-176H-24-Y	585-590 NM NM	--	<14.4W	--	--	IP68
ES-FS2835G-176H-24-Y	517-522 NM NM	--	<14.4W	--	--	
ES-FS2835B-176H-24-Y	465-470 NM NM	--	<14.4W	--	--	



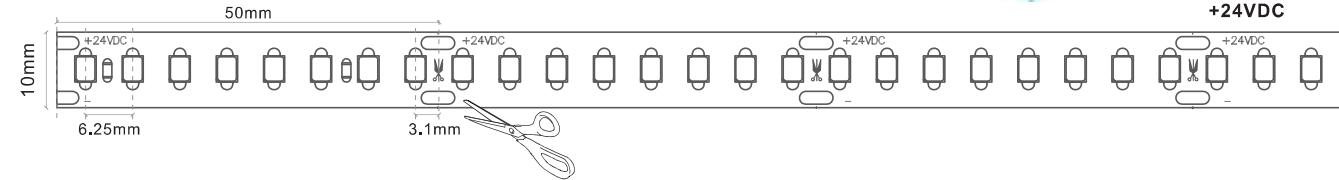
(Refer to P081 for aluminium profile)

Part Number:EST-FS2835C-160H-24-Y

Strip length: CE:500CM UL:16.4FT

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-160H-24-Y	2300K	2438LM	<19.2W	127LM/W	90+	3OZ
ES-FS2835WW-160H-24-Y	2700K	2496LM	<19.2W	130LM/W	90+	3OZ
ES-FS2835WW-160H-24-Y	3000K	2592LM	<19.2W	135LM/W	90+	3OZ
ES-FS2835WW-160H-24-Y	3500K	2630LM	<19.2W	137LM/W	90+	3OZ
ES-FS2835NW-160H-24-Y	4000K	2688LM	<19.2W	140LM/W	90+	3OZ
ES-FS2835NW-160H-24-Y	5000K	2650LM	<19.2W	138LM/W	90+	3OZ
ES-FS2835PW-160H-24-Y	6500K	2650LM	<19.2W	138LM/W	90+	3OZ

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-160H-24-Y	2300K	2688LM	<19.2W	140LM/W	80+	3OZ
ES-FS2835WW-160H-24-Y	2700K	2745LM	<19.2W	143LM/W	80+	3OZ
ES-FS2835WW-160H-24-Y	3000K	2841LM	<19.2W	148LM/W	80+	3OZ
ES-FS2835WW-160H-24-Y	3500K	2880LM	<19.2W	150LM/W	80+	3OZ
ES-FS2835NW-160H-24-Y	4000K	2956LM	<19.2W	154LM/W	80+	3OZ
ES-FS2835NW-160H-24-Y	5000K	2899LM	<19.2W	151LM/W	80+	3OZ
ES-FS2835PW-160H-24-Y	6500K	2899LM	<19.2W	151LM/W	80+	3OZ

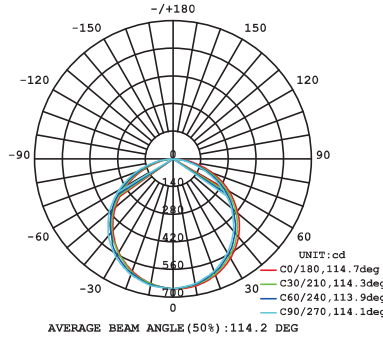


IP Rating:

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



1W
Single LED power



AL. profiles (mm)

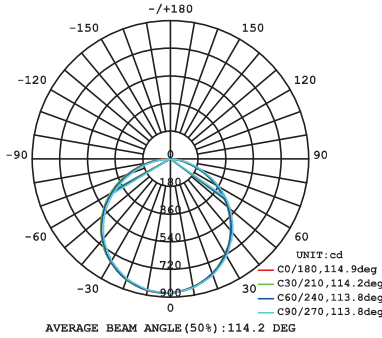
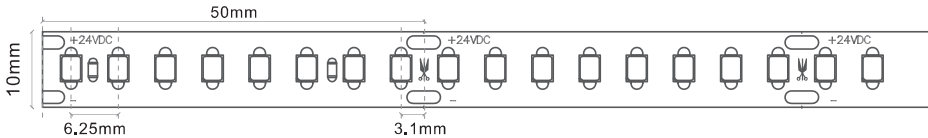
ES-LL017009	ES-LL024011	ES-LL017015	ES-LL013006
ES-LL023009	ES-LL030011	ES-LL023015	ES-LL013015
ES-LL016016	ES-LL020020-1	ES-LL016015	ES-LL025025
ES-LL030030	ES-LL010015	ES-LL020020	
ES-LL018018	ES-LL010010		

Part Number:EST-FS2835C-160-24-Y

Strip length: CE:500CM UL:13.12FT

0.5W
Single LED power

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	IP Rating
ES-FS2835WW-160-24-Y	1800K	1920LM	<19.2W	100LM/W	94+	IP20 IP54 IP65
ES-FS2835WW-160-24-Y	2100K	2016LM	<19.2W	105LM/W	94+	
ES-FS2835WW-160-24-Y	2300K	2016LM	<19.2W	105LM/W	94+	
ES-FS2835WW-160-24-Y	2700K	2073LM	<19.2W	108LM/W	94+	
ES-FS2835WW-160-24-Y	3000K	2112LM	<19.2W	110LM/W	94+	
ES-FS2835WW-160-24-Y	3500K	2112LM	<19.2W	110LM/W	94+	
ES-FS2835NW-160-24-Y	4000K	2227LM	<19.2W	116LM/W	94+	
ES-FS2835NW-160-24-Y	5000K	2227LM	<19.2W	116LM/W	94+	IP65
ES-FS2835PW-160-24-Y	6500K	2131LM	<19.2W	111LM/W	94+	



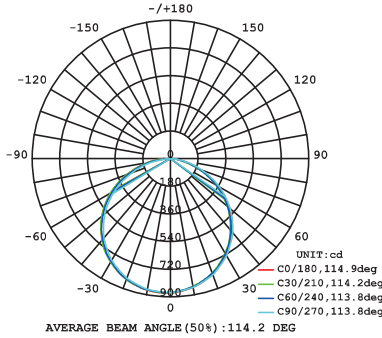
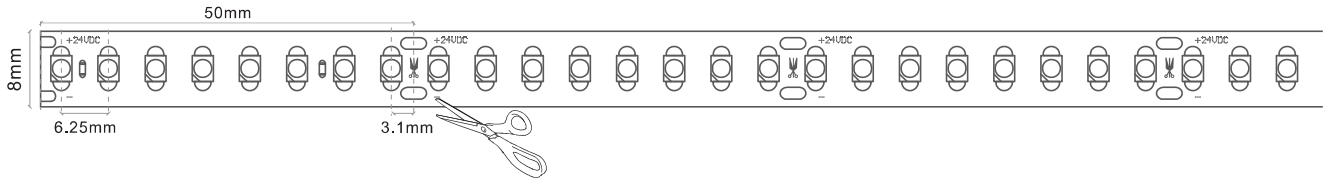
(Refer to P091 for aluminium profile)

Part Number:EST-FS2835C-160H-24-Y

Strip length: CE:500CM UL:16.4FT

0.2W
Single LED power

Model	Color temp. Wave lengths	LM/M	Power/M	Light efficiency	CRI (Ra)	IP Rating
ES-FS2835WW-160H-24-Y	2700K	1555LM	<14.4W	108LM/W	90+	IP20 IP54 IP65 IP67 IP68
ES-FS2835WW-160H-24-Y	3000K	1584LM	<14.4W	110LM/W	90+	
ES-FS2835WW-160H-24-Y	3500K	1584LM	<14.4W	110LM/W	90+	
ES-FS2835NW-160H-24-Y	4000K	1670LM	<14.4W	116LM/W	90+	
ES-FS2835NW-160H-24-Y	5000K	1670LM	<14.4W	116LM/W	90+	
ES-FS2835PW-160H-24-Y	6500K	1598LM	<14.4W	111LM/W	90+	
ES-FS2835R-160H-24-Y	620-625 NM NM	--	<14.4W	--	--	
ES-FS2835Y-160H-24-Y	585-590 NM NM	--	<14.4W	--	--	IP68
ES-FS2835G-160H-24-Y	517-522 NM NM	--	<14.4W	--	--	
ES-FS2835B-160H-24-Y	465-470 NM NM	--	<14.4W	--	--	



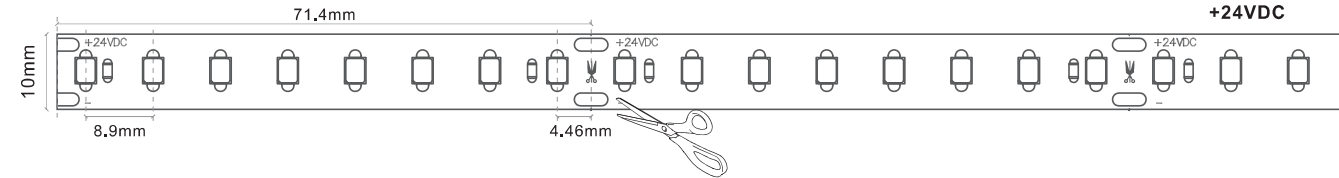
(Refer to P081 for aluminium profile)

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

Strip length: CE:500CM UL:16.4FT

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-112H-24-Y	2300K	2134LM	<16.8W	127LM/W	90+	3OZ
ES-FS2835WW-112H-24-Y	2700K	2184LM	<16.8W	130LM/W	90+	3OZ
ES-FS2835WW-112H-24-Y	3000K	2268LM	<16.8W	135LM/W	90+	3OZ
ES-FS2835WW-112H-24-Y	3500K	2302LM	<16.8W	137LM/W	90+	3OZ
ES-FS2835NW-112H-24-Y	4000K	2352LM	<16.8W	140LM/W	90+	3OZ
ES-FS2835NW-112H-24-Y	5000K	2318LM	<16.8W	138LM/W	90+	3OZ
ES-FS2835PW-112H-24-Y	6500K	2318LM	<16.8W	138LM/W	90+	3OZ

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-112H-24-Y	2300K	2352LM	<16.8W	140LM/W	80+	3OZ
ES-FS2835WW-112H-24-Y	2700K	2402LM	<16.8W	143LM/W	80+	3OZ
ES-FS2835WW-112H-24-Y	3000K	2486LM	<16.8W	148LM/W	80+	3OZ
ES-FS2835WW-112H-24-Y	3500K	2520LM	<16.8W	150LM/W	80+	3OZ
ES-FS2835NW-112H-24-Y	4000K	2587LM	<16.8W	154LM/W	80+	3OZ
ES-FS2835NW-112H-24-Y	5000K	2536LM	<16.8W	151LM/W	80+	3OZ
ES-FS2835PW-112H-24-Y	6500K	2536LM	<16.8W	151LM/W	80+	3OZ

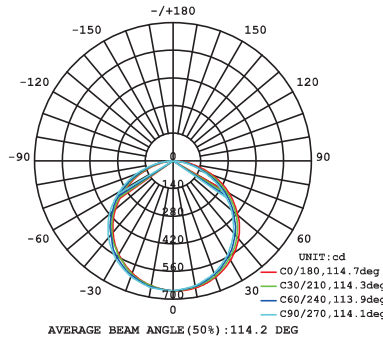


IP Rating:

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



1W
Single LED power



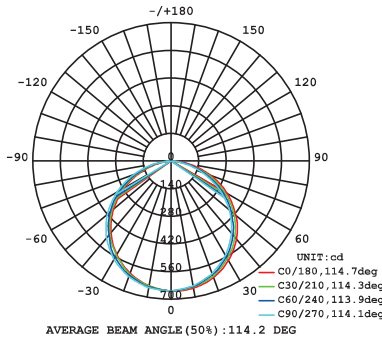
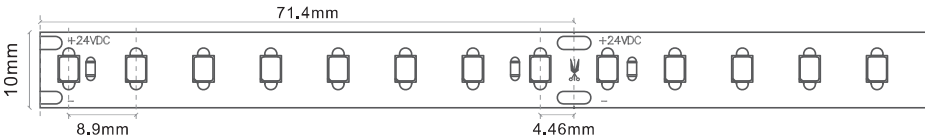
AL. profiles (mm)

ES-LL017009	ES-LL024011	ES-LL017015	ES-LL013006
ES-LL023009	ES-LL030011	ES-LL023015	ES-LL013015
ES-LL016016	ES-LL020020-1	ES-LL016015	ES-LL025025
ES-LL030030	ES-LL010015	ES-LL020020	
ES-LL018018	ES-LL010010		

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

Strip length: CE:500CM UL:16.4FT

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	IP Rating
ES-FS2835WW-112-24-Y	1800K	1680LM	<16.8W	100LM/W	94+	IP20 IP54 IP65
ES-FS2835WW-112-24-Y	2100K	1760LM	<16.8W	105LM/W	94+	
ES-FS2835WW-112-24-Y	2300K	1760LM	<16.8W	105LM/W	94+	
ES-FS2835WW-112-24-Y	2700K	1810LM	<16.8W	108LM/W	94+	
ES-FS2835WW-112-24-Y	3000K	1848LM	<16.8W	110LM/W	94+	
ES-FS2835WW-112-24-Y	3500K	1848LM	<16.8W	110LM/W	94+	
ES-FS2835NW-112-24-Y	4000K	1900LM	<16.8W	116LM/W	94+	
ES-FS2835NW-112-24-Y	5000K	1900LM	<16.8W	116LM/W	94+	IP65
ES-FS2835PW-112-24-Y	6500K	1860LM	<16.8W	111LM/W	94+	

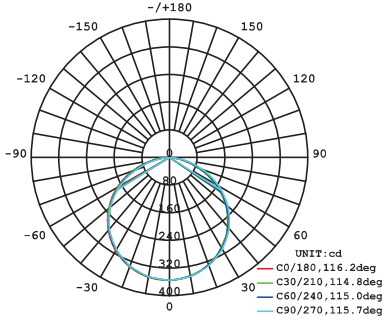
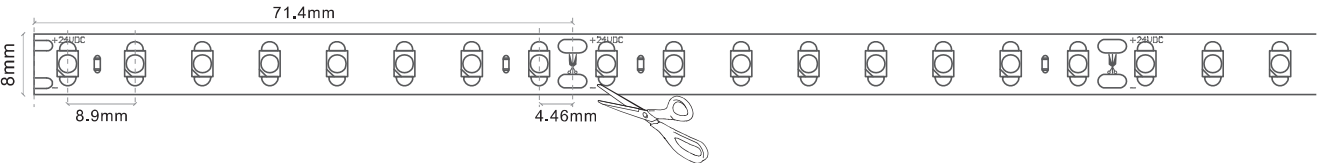


(Refer to P093 for aluminium profile)

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

Strip length: E:500CM UL:27.3FT

Model	Color temp. Wave lengths	LM/M	Power/M	Light efficiency	CRI (Ra)	IP Rating
ES-FS2835WW-112H-24-Y	2700K	1037LM	<9.6W	108LM/W	90+	IP20 IP54 IP65 IP67 IP68
ES-FS2835WW-112H-24-Y	3000K	1056LM	<9.6W	110LM/W	90+	
ES-FS2835WW-112H-24-Y	3500K	1056LM	<9.6W	110LM/W	90+	
ES-FS2835NW-112H-24-Y	4000K	1113LM	<9.6W	116LM/W	90+	
ES-FS2835NW-112H-24-Y	5000K	1113LM	<9.6W	116LM/W	90+	
ES-FS2835PW-112H-24-Y	6500K	1065LM	<9.6W	111LM/W	90+	
ES-FS2835R-112H-24-Y	620-625 NM NM	--	<9.6W	--	--	
ES-FS2835Y-112H-24-Y	585-590 NM NM	--	<9.6W	--	--	IP68
ES-FS2835G-112H-24-Y	517-522 NM NM	--	<9.6W	--	--	
ES-FS2835B-112H-24-Y	465-470 NM NM	--	<9.6W	--	--	



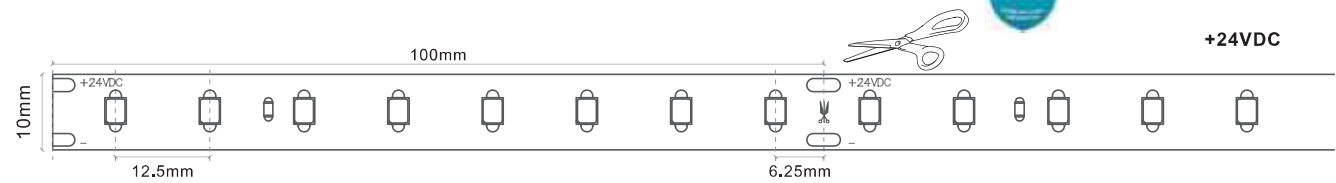
(Refer to P081 for aluminium profile)

Part Number:EST-FS2835C-80H-24-Y

Strip length: CE:500CM UL:27.3FT

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-80H-24-Y	2300K	1829LM	<14.4W	127LM/W	90+	3OZ
ES-FS2835WW-80H-24-Y	2700K	1872LM	<14.4W	130LM/W	90+	3OZ
ES-FS2835WW-80H-24-Y	3000K	1944LM	<14.4W	135LM/W	90+	3OZ
ES-FS2835WW-80H-24-Y	3500K	1973LM	<14.4W	137LM/W	90+	3OZ
ES-FS2835NW-80H-24-Y	4000K	2016LM	<14.4W	140LM/W	90+	3OZ
ES-FS2835NW-80H-24-Y	5000K	1987LM	<14.4W	138LM/W	90+	3OZ
ES-FS2835PW-80H-24-Y	6500K	1987LM	<14.4W	138LM/W	90+	3OZ

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-80H-24-Y	2300K	2016LM	<14.4W	140LM/W	80+	3OZ
ES-FS2835WW-80H-24-Y	2700K	2059LM	<14.4W	143LM/W	80+	3OZ
ES-FS2835WW-80H-24-Y	3000K	2131LM	<14.4W	148LM/W	80+	3OZ
ES-FS2835WW-80H-24-Y	3500K	2160LM	<14.4W	150LM/W	80+	3OZ
ES-FS2835NW-80H-24-Y	4000K	2217LM	<14.4W	154LM/W	80+	3OZ
ES-FS2835NW-80H-24-Y	5000K	2174LM	<14.4W	151LM/W	80+	3OZ
ES-FS2835PW-80H-24-Y	6500K	2174LM	<14.4W	151LM/W	80+	3OZ



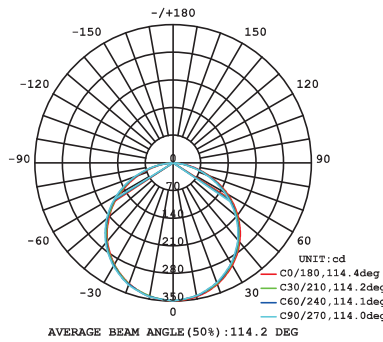
IP Rating:

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



1W
Single LED power

NEW



AL. profiles (mm)

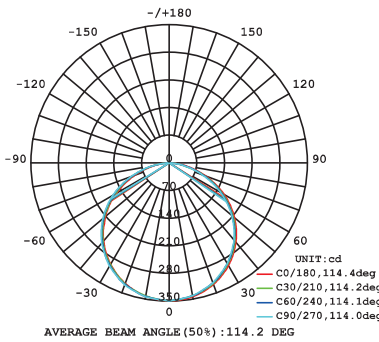
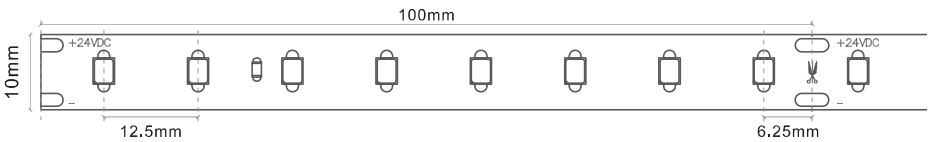
 ES-LL017009	 ES-LL024011	 ES-LL017015	 ES-LL013006
 ES-LL023009	 ES-LL030011	 ES-LL023015	 ES-LL013015
 ES-LL016016	 ES-LL020020-1	 ES-LL016015	 ES-LL025025
 ES-LL030030	 ES-LL010015	 ES-LL020020	
 ES-LL018018		 ES-LL010010	

Part Number:EST-FS2835C-80-24-Y

Strip length: CE:500CM UL:27.3FT

0.5W
Single LED power

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	IP Rating
ES-FS2835WW-80-24-Y	1800K	1440LM	<14.4W	100LM/W	94+	IP20 IP54 IP65 IP67 IP68
ES-FS2835WW-80-24-Y	2100K	1512LM	<14.4W	105LM/W	94+	
ES-FS2835WW-80-24-Y	2300K	1512LM	<14.4W	105LM/W	94+	
ES-FS2835WW-80-24-Y	2700K	1555LM	<14.4W	108LM/W	94+	
ES-FS2835WW-80-24-Y	3000K	1584LM	<14.4W	110LM/W	94+	
ES-FS2835WW-80-24-Y	3500K	1584LM	<14.4W	110LM/W	94+	
ES-FS2835NW-80-24-Y	4000K	1670LM	<14.4W	116LM/W	94+	
ES-FS2835NW-80-24-Y	5000K	1670LM	<14.4W	116LM/W	94+	
ES-FS2835PW-80-24-Y	6500K	1598LM	<14.4W	111LM/W	94+	



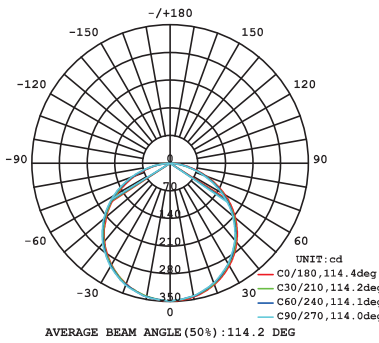
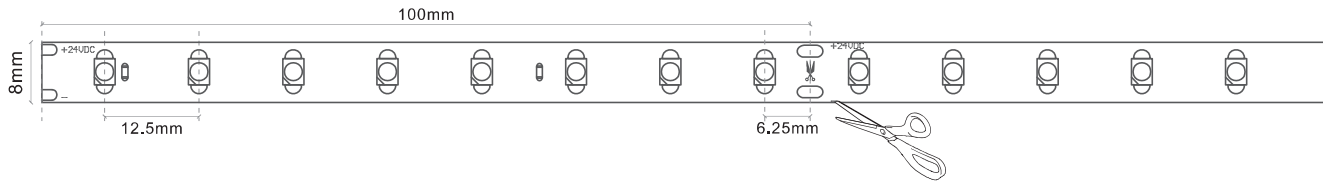
(Refer to P095 for aluminium profile)

Part Number:EST-FS2835C-80H-24-Y

Strip length: CE:500CM UL:27.3FT

0.2W
Single LED power

Model	Color temp. Wave lengths	LM/M	Power/M	Light efficiency	CRI (Ra)	IP Rating
ES-FS2835WW-80H-24-Y	2700K	777LM	<7.2W	108LM/W	90+	IP20 IP54 IP65 IP67 IP68
ES-FS2835WW-80H-24-Y	3000K	792LM	<7.2W	110LM/W	90+	
ES-FS2835WW-80H-24-Y	3500K	792LM	<7.2W	110LM/W	90+	
ES-FS2835NW-80H-24-Y	4000K	835LM	<7.2W	116LM/W	90+	
ES-FS2835NW-80H-24-Y	5000K	835LM	<7.2W	116LM/W	90+	
ES-FS2835PW-80H-24-Y	6500K	799LM	<7.2W	111LM/W	90+	
ES-FS2835R-80H-24-Y	620-625 NM NM	--	<7.2W	--	--	
ES-FS2835Y-80H-24-Y	585-590 NM NM	--	<7.2W	--	--	
ES-FS2835G-80H-24-Y	517-522 NM NM	--	<7.2W	--	--	
ES-FS2835B-80H-24-Y	465-470 NM NM	--	<7.2W	--	--	



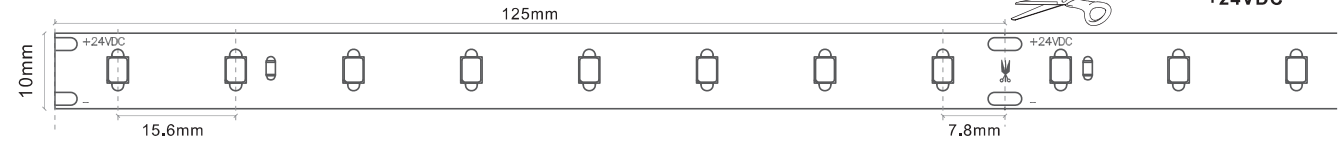
(Refer to P081 for aluminium profile)

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

Strip length: CE:500CM UL:27.3FT

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-64H-24-Y	2300K	1464LM	<12W	122LM/W	90+	3OZ
ES-FS2835WW-64H-24-Y	2700K	1500LM	<12W	125LM/W	90+	3OZ
ES-FS2835WW-64H-24-Y	3000K	1560LM	<12W	130LM/W	90+	3OZ
ES-FS2835WW-64H-24-Y	3500K	1584LM	<12W	132LM/W	90+	3OZ
ES-FS2835NW-64H-24-Y	4000K	1620LM	<12W	135LM/W	90+	3OZ
ES-FS2835NW-64H-24-Y	5000K	1596LM	<12W	133LM/W	90+	3OZ
ES-FS2835PW-64H-24-Y	6500K	1596LM	<12W	133LM/W	90+	3OZ

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2835WW-64H-24-Y	2300K	1608LM	<12W	134LM/W	80+	3OZ
ES-FS2835WW-64H-24-Y	2700K	1644LM	<12W	137LM/W	80+	3OZ
ES-FS2835WW-64H-24-Y	3000K	1716LM	<12W	143LM/W	80+	3OZ
ES-FS2835WW-64H-24-Y	3500K	1740LM	<12W	145LM/W	80+	3OZ
ES-FS2835NW-64H-24-Y	4000K	1776LM	<12W	148LM/W	80+	3OZ
ES-FS2835NW-64H-24-Y	5000K	1752LM	<12W	146LM/W	80+	3OZ
ES-FS2835PW-64H-24-Y	6500K	1752LM	<12W	146LM/W	80+	3OZ



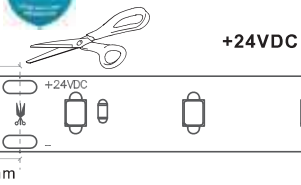
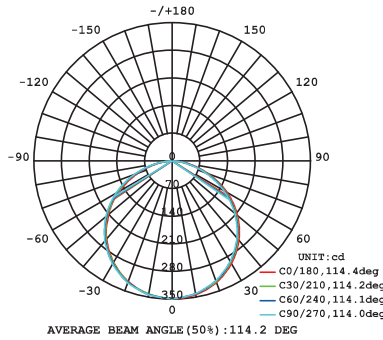
IP Rating:

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



1W
Single LED power

NEW



AL. profiles (mm)

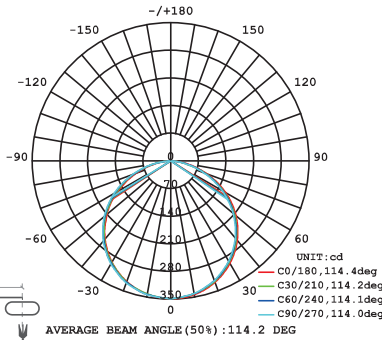
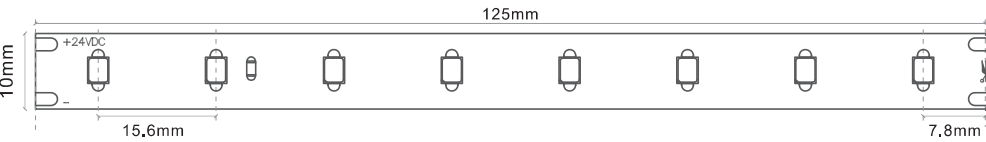
 ES-LL017009	 ES-LL024011	 ES-LL017015	 ES-LL013006
 ES-LL023009	 ES-LL030011	 ES-LL023015	 ES-LL013015
 ES-LL016016	 ES-LL020020-1	 ES-LL016015	 ES-LL025025
 ES-LL030030	 ES-LL010015	 ES-LL020020	
 ES-LL018018		 ES-LL010010	

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

Strip length: CE:500CM UL:27.3FT

0.5W
Single LED power

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	IP Rating
ES-FS2835WW-64-24-Y	1800K	1200LM	<12W	100LM/W	94+	IP20 IP54 IP65 IP67 IP68
ES-FS2835WW-64-24-Y	2100K	1260LM	<12W	105LM/W	94+	
ES-FS2835WW-64-24-Y	2300K	1260LM	<12W	105LM/W	94+	
ES-FS2835WW-64-24-Y	2700K	1296LM	<12W	108LM/W	94+	
ES-FS2835WW-64-24-Y	3000K	1320LM	<12W	110LM/W	94+	
ES-FS2835WW-64-24-Y	3500K	1320LM	<12W	110LM/W	94+	
ES-FS2835NW-64-24-Y	4000K	1392LM	<12W	116LM/W	94+	
ES-FS2835NW-64-24-Y	5000K	1392LM	<12W	116LM/W	94+	
ES-FS2835PW-64-24-Y	6500K	1332LM	<12W	111LM/W	94+	
ES-FS2835PW-64-24-Y	6500K	1332LM	<12W	111LM/W	94+	



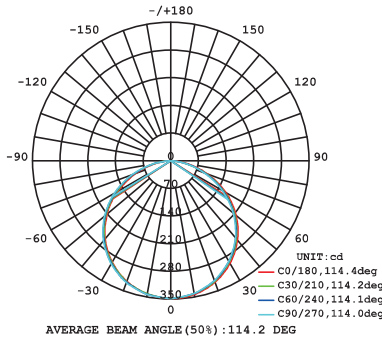
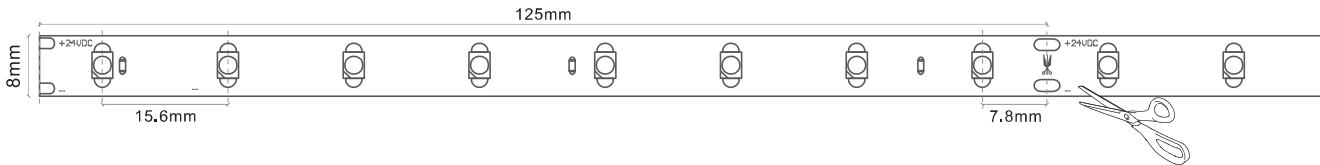
(Refer to P097 for aluminium profile)

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

Strip length: CE:500CM UL:27.3FT

0.2W
Single LED power

Model	Color temp. Wave lengths	LM/M	Power/M	Light efficiency	CRI (Ra)	IP Rating
ES-FS2835WW-64H-24-Y	2700K	648LM	<6W	108LM/W	90+	IP20 IP54 IP65 IP67 IP68
ES-FS2835WW-64H-24-Y	3000K	660LM	<6W	110LM/W	90+	
ES-FS2835WW-64H-24-Y	3500K	660LM	<6W	110LM/W	90+	
ES-FS2835NW-64H-24-Y	4000K	696LM	<6W	116LM/W	90+	
ES-FS2835NW-64H-24-Y	5000K	696LM	<6W	116LM/W	90+	
ES-FS2835PW-64H-24-Y	6500K	666LM	<6W	111LM/W	90+	
ES-FS2835R-64H-24-Y	620-625 NM NM	---	<6W	---	---	
ES-FS2835Y-64H-24-Y	585-590 NM NM	---	<6W	---	---	
ES-FS2835G-64H-24-Y	517-522 NM NM	---	<6W	---	---	
ES-FS2835B-64H-24-Y	465-470 NM NM	---	<6W	---	---	



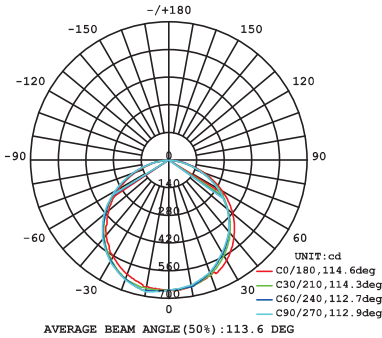
(Refer to P081 for aluminium profile)

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

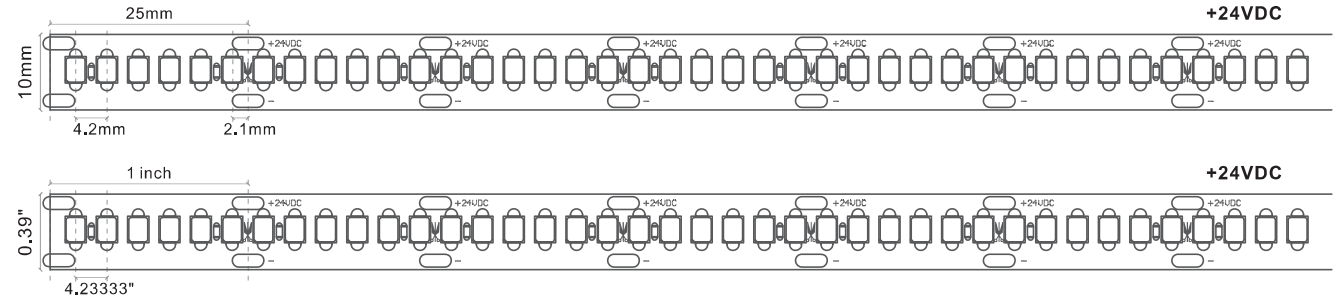
0.5W
Single LED power

High CRI
RA 94+ SMD2835

Model	Color temp.	LM/M	Power/M	CRI (Ra)	FPC copper
ES-FS2835WW-240-24-Y	1800K	1270LM	<23W	94+	3OZ
ES-FS2835WW-240-24-Y	2100K	1340LM	<23W	94+	3OZ
ES-FS2835WW-240-24-Y	2300K	1490LM	<23W	94+	3OZ
ES-FS2835WW-240-24-Y	2700K	1725LM	<23W	94+	3OZ
ES-FS2835WW-240-24-Y	3000K	1725LM	<23W	94+	3OZ
ES-FS2835WW-240-24-Y	3500K	1725LM	<23W	94+	3OZ
ES-FS2835NW-240-24-Y	4000K	1865LM	<23W	94+	3OZ
ES-FS2835NW-240-24-Y	5000K	1865LM	<23W	94+	3OZ
ES-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---Silicon extrusion
- ☐ IP67---Silicon tube(transparent)
- ☐ IP68---Silicon tube(transparent) & Inject silicon glue



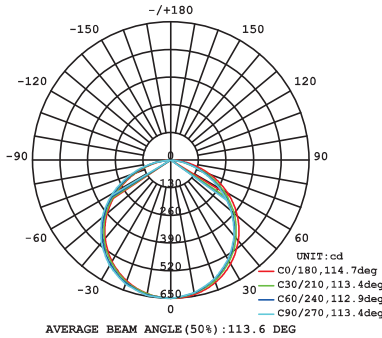
AL. profiles (mm)

 ES-LL017009	 ES-LL024011	 ES-LL017015	 ES-LL013006
 ES-LL023009	 ES-LL030011	 ES-LL023015	 ES-LL013012
 ES-LL016016	 ES-LL020020-1	 ES-LL016015	 ES-LL025025
 ES-LL030030	 ES-LL010015	 ES-LL020020	
 ES-LL018018	 ES-LL010010		

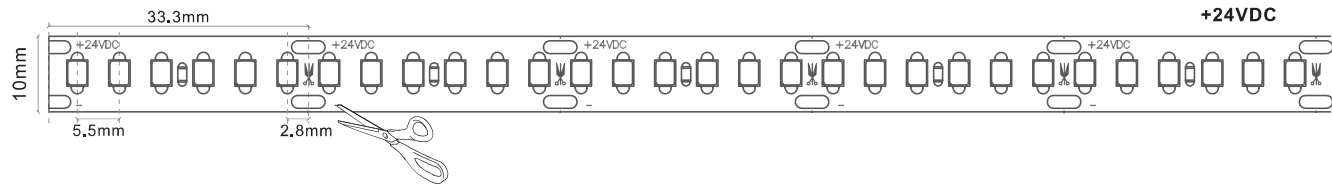
High CRI
RA 94+ SMD2835
Part Number:EST-FS2835C-180-24-Y

0.5W
Single LED power

Model	Color temp.	LM/M	Power/M	CRI (Ra)	FPC copper
ES-FS2835WW-180-24-Y	1800K	1213LM	<23W	94+	3OZ
ES-FS2835WW-180-24-Y	2100K	1284LM	<23W	94+	3OZ
ES-FS2835WW-180-24-Y	2300K	1400LM	<23W	94+	3OZ
ES-FS2835WW-180-24-Y	2700K	1650LM	<23W	94+	3OZ
ES-FS2835WW-180-24-Y	3000K	1650LM	<23W	94+	3OZ
ES-FS2835WW-180-24-Y	3500K	1650LM	<23W	94+	3OZ
ES-FS2835NW-180-24-Y	4000K	1800LM	<23W	94+	3OZ
ES-FS2835NW-180-24-Y	5000K	1800LM	<23W	94+	3OZ
ES-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---Silicon extrusion
- ☐ IP67---Silicon tube(transparent)
- ☐ IP68---Silicon tube(transparent) & Inject silicon glue



AL. profiles (mm)

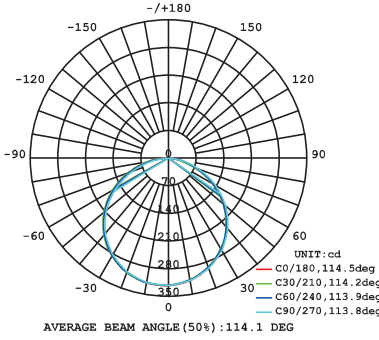
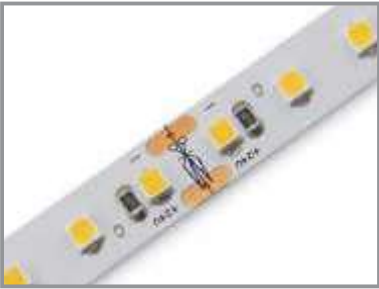
 ES-LL017009	 ES-LL024011	 ES-LL017015	 ES-LL013006
 ES-LL023009	 ES-LL030011	 ES-LL023015	 ES-LL013012
 ES-LL016016	 ES-LL020020-1	 ES-LL016015	 ES-LL025025
 ES-LL030030	 ES-LL010015	 ES-LL020020	
 ES-LL018018	 ES-LL010010		

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

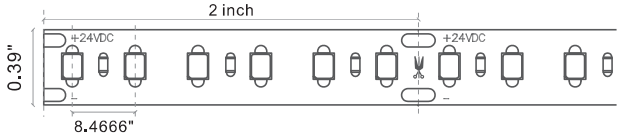
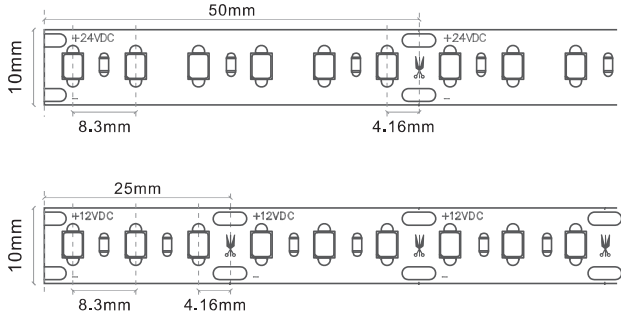
0.5W
Single LED power

High CRI
RA 94+ SMD2835

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



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---Silicon extrusion
- ☒ IP67---Silicon tube(transparent)
- ☒ IP68---Silicon tube(transparent) & Inject silicon glue

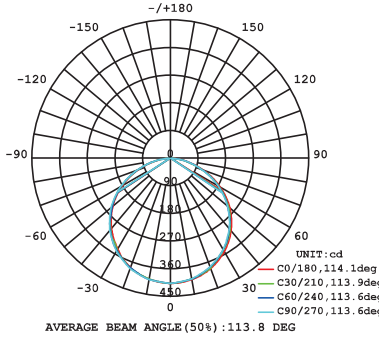
AL. profiles (mm)

ES-LL017009	ES-LL024011	ES-LL017015	ES-LL013006
ES-LL023009	ES-LL030011	ES-LL023015	ES-LL013012
ES-LL016016	ES-LL020020-1	ES-LL016015	ES-LL025025
ES-LL030030	ES-LL010015	ES-LL020020	
ES-LL018018	ES-LL010010		

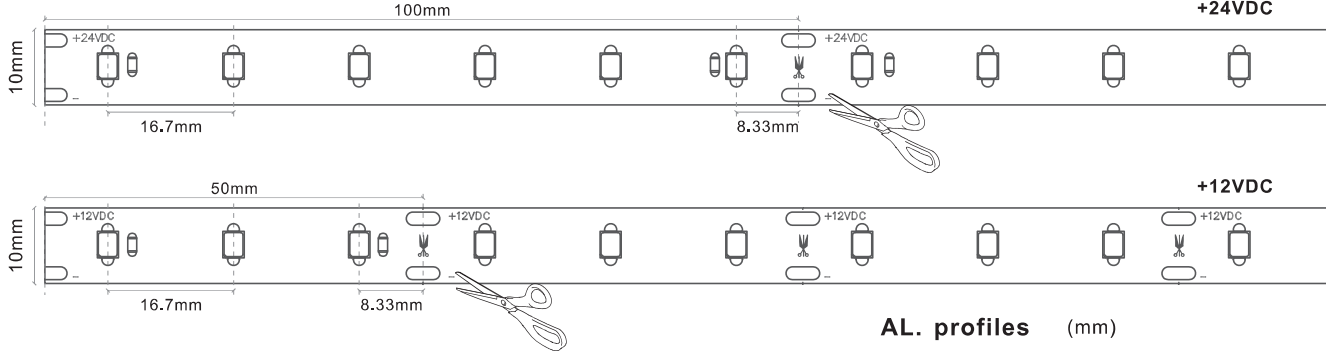
High CRI
RA 94+ SMD2835
Part Number:EST-FS2835C-60-24-Y
Part Number:EST-FS2835C-60-12-Y

0.5W
Single LED power

Model	Color temp.	LM/M	Power/M	CRI (Ra)	FPC copper
ES-FS2835WW-60-24-Y	1800K	720LM	<14.4W	94+	3OZ
ES-FS2835WW-60-24-Y	2100K	770LM	<14.4W	94+	3OZ
ES-FS2835WW-60-24-Y	2300K	850LM	<14.4W	94+	3OZ
ES-FS2835WW-60-24-Y	2700K	990LM	<14.4W	94+	3OZ
ES-FS2835WW-60-24-Y	3000K	990LM	<14.4W	94+	3OZ
ES-FS2835WW-60-24-Y	3500K	990LM	<14.4W	94+	3OZ
ES-FS2835NW-60-24-Y	4000K	1050LM	<14.4W	94+	3OZ
ES-FS2835NW-60-24-Y	5000K	1050LM	<14.4W	94+	3OZ
ES-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---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-LL016015	ES-LL025025
ES-LL030030	ES-LL010015	ES-LL020020	
ES-LL018018	ES-LL010010		

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

