

# EST-FS5630C-180-24-Y

① ② ③ ④ ⑤

## High Light Efficiency

**200LM/W**

RA 80+ SMD5630 Series  
RA 90+ Available

### Product Features

1. Low-voltage 24VDC and 12VDC, high light efficiency.
2. Energy-saving, eco-friendly, anti-UV and no optical radiation.
3. SMD 5630, 1 chip inside.
4. CRI: RA 80+ (RA 90+ is available).
5. White, brown, black FPC for option, but our standard FPC color is white.

**LED Type**  
SMD5630

### Color

2700K 3000K 4000K 5000K 6500K  
K K K K K

### Input DC Voltage


24VDC | 12VDC

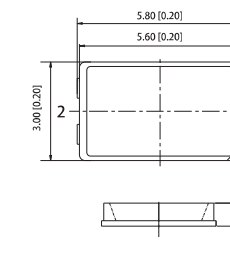
### LED Qty. per meter

224 | 180 | 126 | 112  
72 | 64 | 60

### IP Index

IP20 | IP54 | IP65  
IP67 | IP68

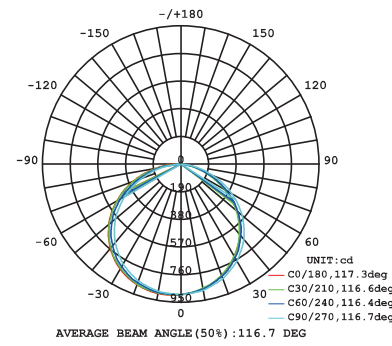
Model	Color temp.	Luminous Flux		I <sub>F</sub>	V <sub>F</sub>		CRI(Ra)
		Min.	Max.		Current	Max.	
<b>SMD5630</b> 	2700K	120LM	130LM	350mA	3.0V	3.2V	80+
	3000K	120LM	130LM	350mA	3.0V	3.2V	80+
	4000K	130LM	140LM	350mA	3.0V	3.2V	80+
	5000K	130LM	140LM	350mA	3.0V	3.2V	80+
	6500K	130LM	140LM	350mA	3.0V	3.2V	80+



Part Number: EST-FS5630C-180-24-Y

**High Light Efficiency  
RA 80+ SMD5630**

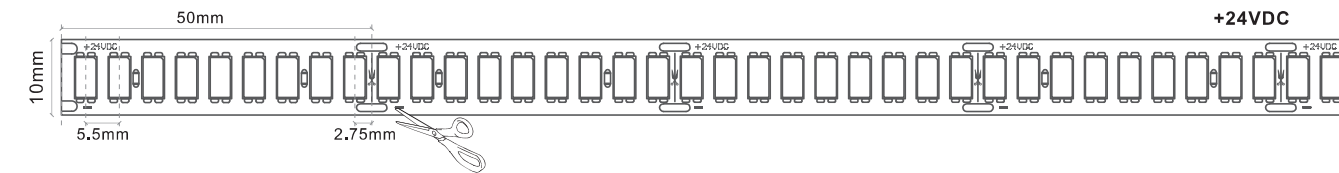
Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS5630WW-180-24-Y	2700K	3264LM	<19.2W	170LM/W	80+	3OZ
ES-FS5630WW-180-24-Y	3000K	3456LM	<19.2W	180LM/W	80+	3OZ
ES-FS5630NW-180-24-Y	4000K	3840LM	<19.2W	200LM/W	80+	3OZ
ES-FS5630NW-180-24-Y	5000K	3744LM	<19.2W	195LM/W	80+	3OZ
ES-FS5630PW-180-24-Y	6500K	3684LM	<19.2W	192LM/W	80+	3OZ



Super High Efficiency  
**200LM/W**



Strip length: CE:500CM UL:13.12FT



**IP Rating:**

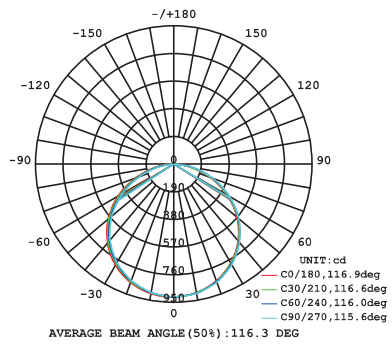
- IP20---Non waterproof
- IP54---Nano coated
- IP65---Silicon coated
- IP67---Silicon coated & Wrapped heat shrink tube
- IP67---Silicon extrusion
- IP67---Silicon tube(transparent)
- IP68---Silicon tube(transparent) & Inject silicon glue

**AL. profiles (mm)**


**High Light Efficiency  
RA 80+ SMD5630**

Part Number: EST-FS5630C-126-24-Y

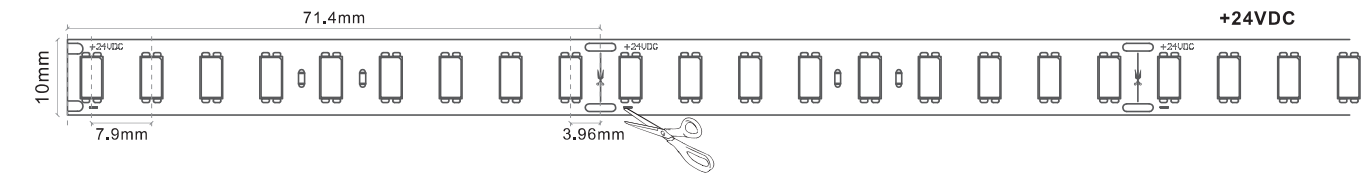
Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS5630WW-126-24-Y	2700K	2448LM	<14.4W	170LM/W	80+	3OZ
ES-FS5630WW-126-24-Y	3000K	2592LM	<14.4W	180LM/W	80+	3OZ
ES-FS5630NW-126-24-Y	4000K	2880LM	<14.4W	200LM/W	80+	3OZ
ES-FS5630NW-126-24-Y	5000K	2808LM	<14.4W	195LM/W	80+	3OZ
ES-FS5630PW-126-24-Y	6500K	2765LM	<14.4W	192LM/W	80+	3OZ



Super High Efficiency  
**200LM/W**



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

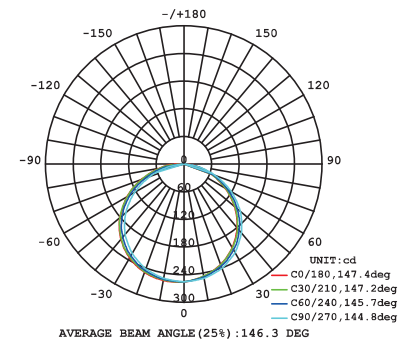
**AL. profiles (mm)**




Part Number: EST-FS5630C-72-24-Y

High Light Efficiency  
RA 80+ SMD5630

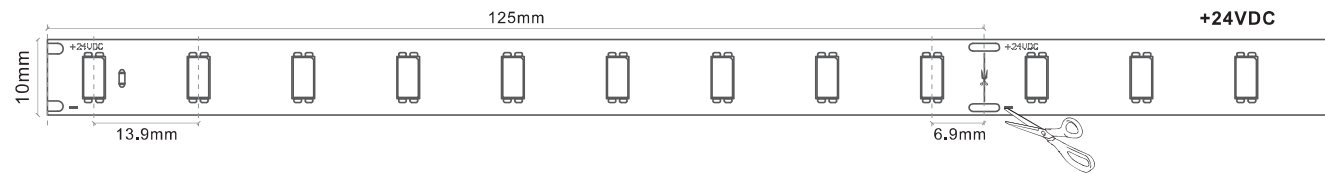
Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS5630WW-72-24-Y	2700K	1632LM	<9.6W	170LM/W	80+	3OZ
ES-FS5630WW-72-24-Y	3000K	1728LM	<9.6W	180LM/W	80+	3OZ
ES-FS5630NW-72-24-Y	4000K	1920LM	<9.6W	200LM/W	80+	3OZ
ES-FS5630NW-72-24-Y	5000K	1872LM	<9.6W	195LM/W	80+	3OZ
ES-FS5630PW-72-24-Y	6500K	1843LM	<9.6W	192LM/W	80+	3OZ



Super High Efficiency  
**200LM/W**



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)

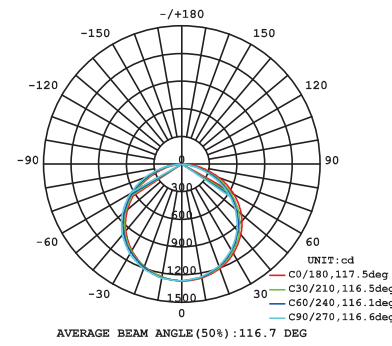
ES-LL017009	ES-LL024011	ES-LL017015	ES-LL013006
ES-LL023009	ES-LL030011	ES-LL023015	ES-LL013012
ES-LL016016	ES-LL020020-1	ES-LL016015	ES-LL025025
ES-LL030030	ES-LL010015	ES-LL020020	
ES-LL018018		ES-LL010010	



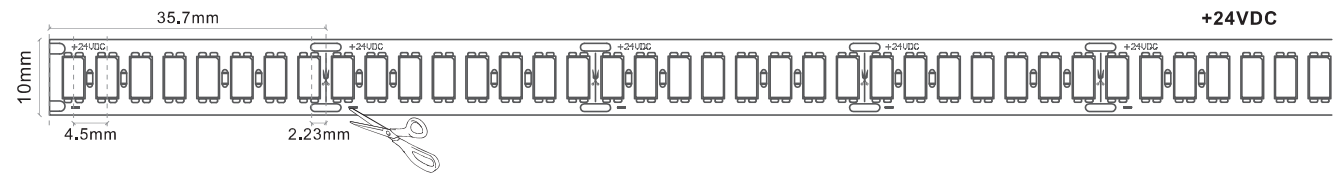
**High Light Efficiency  
RA 80+ SMD5630**

Part Number: EST-FS5630C-224-24-Y

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS5630WW-224-24-Y	2700K	3565LM	<23W	155LM/W	80+	3OZ
ES-FS5630WW-224-24-Y	3000K	3680LM	<23W	160LM/W	80+	3OZ
ES-FS5630NW-224-24-Y	4000K	3841LM	<23W	167LM/W	80+	3OZ
ES-FS5630NW-224-24-Y	5000K	3864LM	<23W	168LM/W	80+	3OZ
ES-FS5630PW-224-24-Y	6500K	3795LM	<23W	165LM/W	80+	3OZ



Strip length: CE:500CM UL:13.12FT



**IP Rating:**

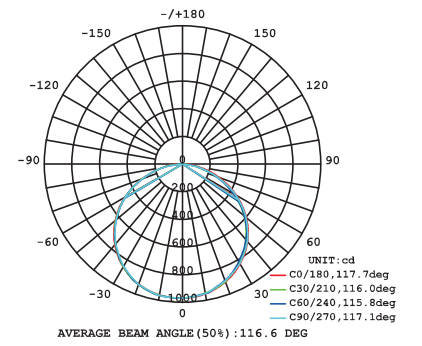
- IP20---Non waterproof
- IP54---Nano coated
- IP65---Silicon coated
- IP67---Silicon coated & Wrapped heat shrink tube
- IP67---Silicon extrusion
- IP67---Silicon tube(transparent)
- IP68---Silicon tube(transparent) & Inject silicon glue

**AL. profiles (mm)**

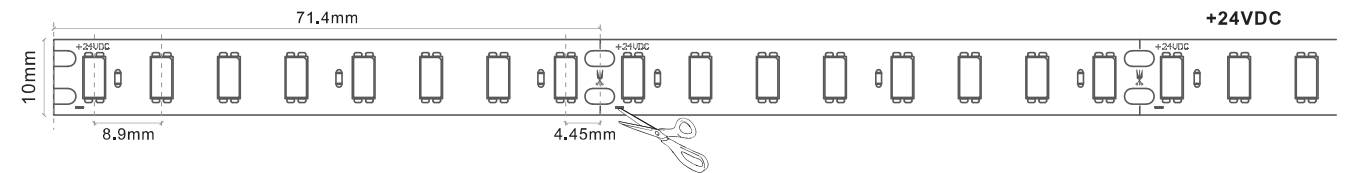

**High Light Efficiency  
RA 80+ SMD5630**

Part Number: EST-FS5630C-112-24-Y

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS5630WW-112-24-Y	2700K	2805LM	<19.2W	146LM/W	80+	3OZ
ES-FS5630WW-112-24-Y	3000K	2805LM	<19.2W	146LM/W	80+	3OZ
ES-FS5630NW-112-24-Y	4000K	2940LM	<19.2W	153LM/W	80+	3OZ
ES-FS5630NW-112-24-Y	5000K	2940LM	<19.2W	153LM/W	80+	3OZ
ES-FS5630PW-112-24-Y	6500K	2840LM	<19.2W	148LM/W	80+	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

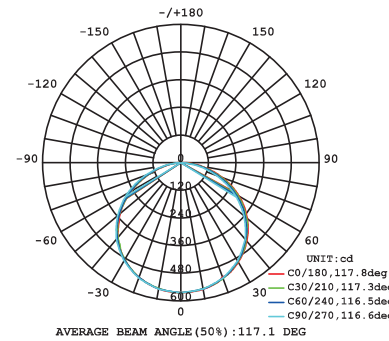
**AL. profiles (mm)**



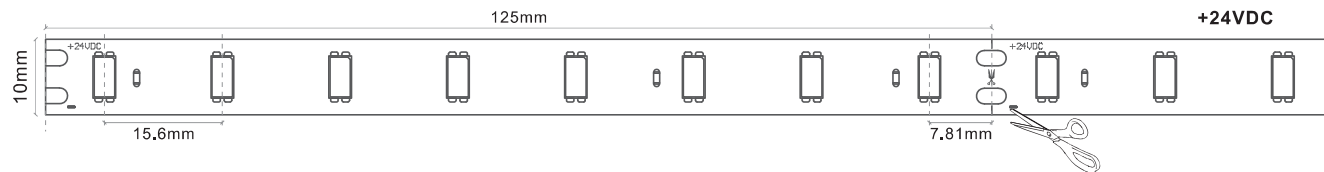

**Part Number: EST-FS5630C-64-24-Y**

Model	Color temp.	LM/M	Power/M	CRI (Ra)	Light efficiency	FPC copper	IP Rating
ES-FS5630WW-64-24-Y	2700K	2016LM	<14.4W	80+	140LM/W	3OZ	
ES-FS5630WW-64-24-Y	3000K	2088LM	<14.4W	80+	145LM/W	3OZ	IP20
ES-FS5630NW-64-24-Y	4000K	2160LM	<14.4W	80+	150LM/W	3OZ	IP54
ES-FS5630NW-64-24-Y	5000K	2232LM	<14.4W	80+	155LM/W	3OZ	IP67
ES-FS5630PW-64-24-Y	6500K	2232LM	<14.4W	80+	155LM/W	3OZ	IP68

**High Light Efficiency  
RA 80+ SMD5630**

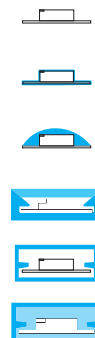


Strip length: CE:500CM UL:14.26FT(19.2W) UL:32.81FT(10W)



**IP Rating:**

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

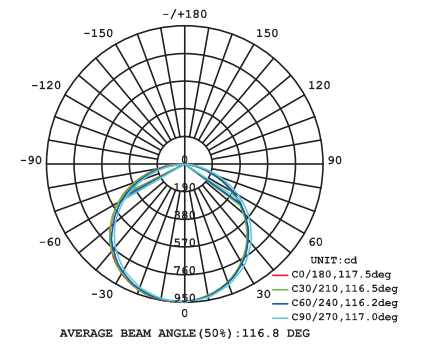


**AL. profiles (mm)**

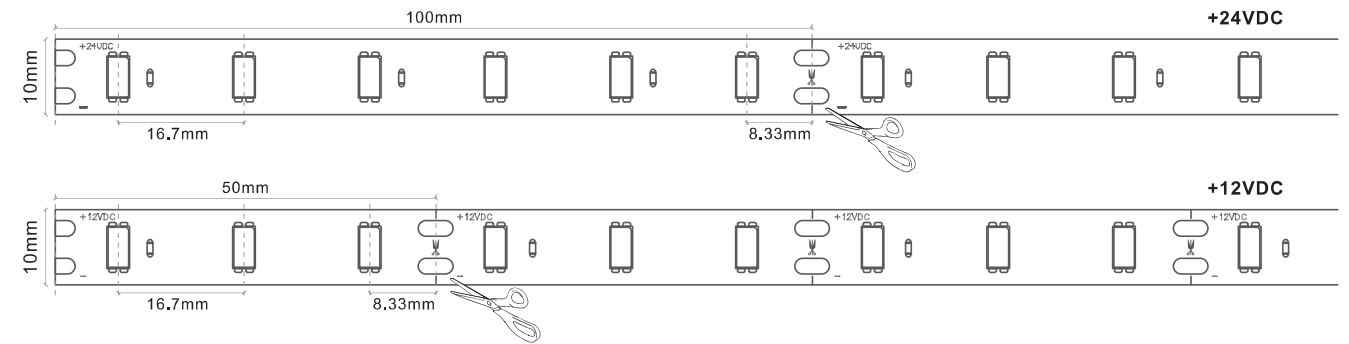
ES-LL017009	ES-LL024011	ES-LL017015	ES-LL013006
ES-LL023009	ES-LL030011	ES-LL023015	ES-LL013012
ES-LL016016	ES-LL020020-1	ES-LL016015	ES-LL025025
ES-LL030030	ES-LL010015	ES-LL020020	
ES-LL018018	ES-LL010010		

**High Light Efficiency  
RA 80+ SMD5630  
Part Number: EST-FS5630C-60-24-Y  
Part Number: EST-FS5630C-60-12-Y**

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS5630WW-60-24-Y	2700K	2645LM	<23W	115LM/W	80+	3OZ
ES-FS5630WW-60-12-Y	2700K	2106LM	<18W	117LM/W	80+	3OZ
ES-FS5630WW-60-24-Y	3000K	2714LM	<23W	118LM/W	80+	3OZ
ES-FS5630WW-60-12-Y	3000K	2196LM	<18W	122LM/W	80+	3OZ
ES-FS5630NW-60-24-Y	4000K	2806LM	<23W	122LM/W	80+	3OZ
ES-FS5630NW-60-12-Y	4000K	2304LM	<18W	128LM/W	80+	3OZ
ES-FS5630NW-60-24-Y	5000K	2806LM	<23W	122LM/W	80+	3OZ
ES-FS5630NW-60-12-Y	5000K	2304LM	<18W	128LM/W	80+	3OZ
ES-FS5630PW-60-24-Y	6500K	2875LM	<23W	125LM/W	80+	3OZ
ES-FS5630PW-60-12-Y	6500K	2340LM	<18W	130LM/W	80+	3OZ



Strip length: CE:500CM UL:22.64FT(24V) | 11.32FT(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		