

High Density Ra 90+
Ra 97+

RA 90+ SMD2216 Series
RA 97+ Available

Product Features

- 1. High RA 90+ ,RA 97+ is available,which conform to the requirement of supplementary light.
- 2. High density with homogeneous light.
- 4. Our mould of LED bracket,Stronger performance than the market.

EST-FS2216C-490-24-Y

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1

LED Type
SMD2216

2

Color

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

3

LED Qty.per meter
490 | 364 | 238 | 266
182 | 112

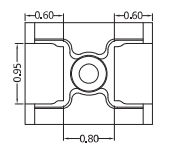
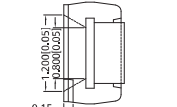
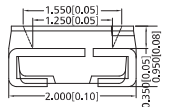
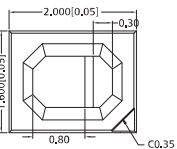
4

Input DC Voltage
24VDC

5

IP Index
IP20 | IP54 | IP65
IP67 | IP68

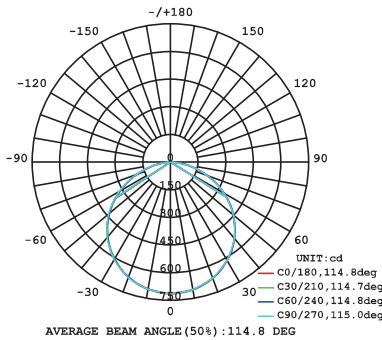
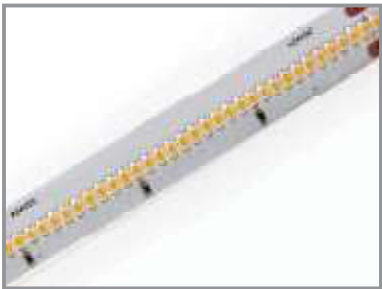
Model	Color temp.	Luminous Flux		I _F	V _F		CRI(Ra)
		Min.	Max.		Current	Max.	
 SMD2216	1800K	7LM	8LM	30mA	3.0V	3.2V	90+
	2100K	7LM	8LM	30mA	3.0V	3.2V	90+
	2300K	7LM	8LM	30mA	3.0V	3.2V	90+
	2700K	8LM	9LM	30mA	3.0V	3.2V	90+
	3000K	9LM	10LM	30mA	3.0V	3.2V	90+
	3500K	9LM	10LM	30mA	3.0V	3.2V	90+
	4000K	10LM	11LM	30mA	3.0V	3.2V	90+
	5000K	10LM	11LM	30mA	3.0V	3.2V	90+
	6500K	10LM	11LM	30mA	3.0V	3.2V	90+



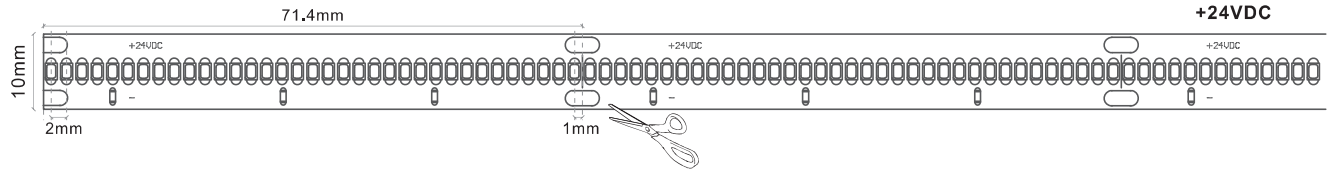
Part Number:EST-FS2216C-490-24-Y

High Density
RA 90+ SMD2216

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2216WW-490-24-Y	1800K	2116LM	<23W	92LM/W	90+	3OZ
ES-FS2216WW-490-24-Y	2100K	2185LM	<23W	95LM/W	90+	3OZ
ES-FS2216WW-490-24-Y	2300K	2185LM	<23W	95LM/W	90+	3OZ
ES-FS2216WW-490-24-Y	2700K	2300LM	<23W	100LM/W	90+	3OZ
ES-FS2216WW-490-24-Y	3000K	2300LM	<23W	100LM/W	90+	3OZ
ES-FS2216WW-490-24-Y	3500K	2300LM	<23W	100LM/W	90+	3OZ
ES-FS2216NW-490-24-Y	4000K	2369LM	<23W	103LM/W	90+	3OZ
ES-FS2216NW-490-24-Y	5000K	2369LM	<23W	103LM/W	90+	3OZ
ES-FS2216PW-490-24-Y	6500K	2277LM	<23W	99LM/W	90+	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

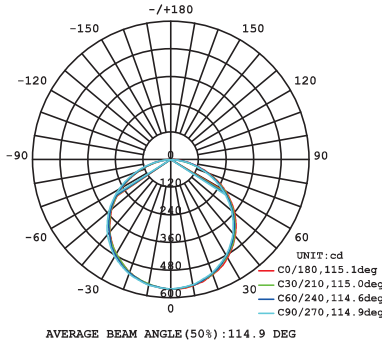


AL. profiles (mm)

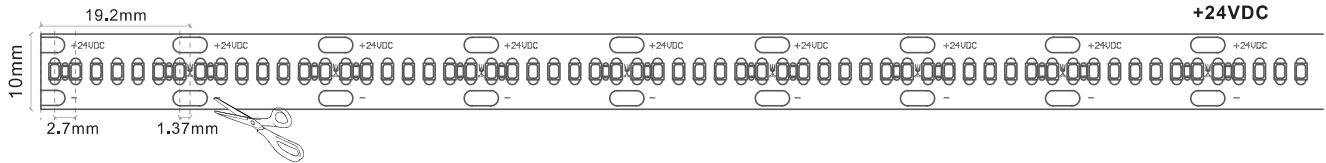
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 ES-LL016016	 ES-LL020020-1	 ES-LL016015	 ES-LL025025
 ES-LL030030	 ES-LL010015	 ES-LL020020	
 ES-LL018018		 ES-LL010010	

High Density
RA 90+ SMD2216
Part Number:EST-FS2216C-364-24-Y

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2216WW-364-24-Y	1800K	2000LM	<23W	87LM/W	90+	3OZ
ES-FS2216WW-364-24-Y	2100K	2070LM	<23W	90LM/W	90+	3OZ
ES-FS2216WW-364-24-Y	2300K	2070LM	<23W	90LM/W	90+	3OZ
ES-FS2216WW-364-24-Y	2700K	2185LM	<23W	95LM/W	90+	3OZ
ES-FS2216WW-364-24-Y	3000K	2185LM	<23W	95LM/W	90+	3OZ
ES-FS2216WW-364-24-Y	3500K	2185LM	<23W	95LM/W	90+	3OZ
ES-FS2216NW-364-24-Y	4000K	2229LM	<23W	98LM/W	90+	3OZ
ES-FS2216NW-364-24-Y	5000K	2254LM	<23W	98LM/W	90+	3OZ
ES-FS2216PW-364-24-Y	6500K	2208LM	<23W	96LM/W	90+	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

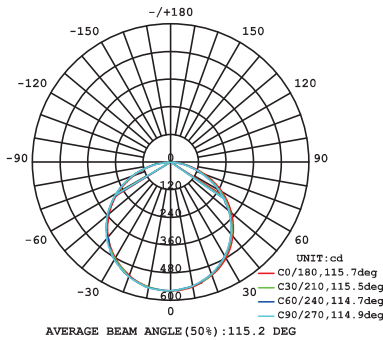


AL. profiles (mm)

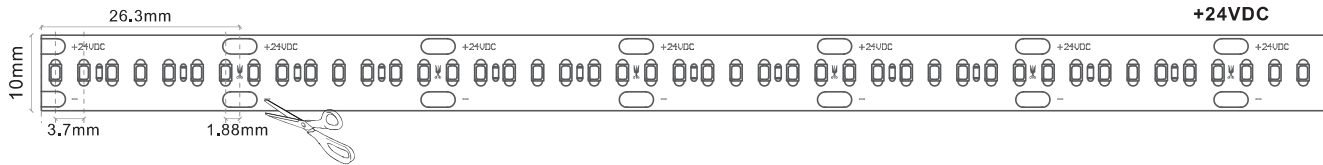
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 ES-LL030030	 ES-LL010015	 ES-LL020020	
 ES-LL018018		 ES-LL010010	

Part Number:EST-FS2216C-266-24-Y

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2216WW-266-24-Y	1800K	1750LM	<19.2W	91LM/W	90+	3OZ
ES-FS2216WW-266-24-Y	2100K	1800LM	<19.2W	94LM/W	90+	3OZ
ES-FS2216WW-266-24-Y	2300K	1800LM	<19.2W	94LM/W	90+	3OZ
ES-FS2216WW-266-24-Y	2700K	1850LM	<19.2W	96LM/W	90+	3OZ
ES-FS2216WW-266-24-Y	3000K	1950LM	<19.2W	102LM/W	90+	3OZ
ES-FS2216WW-266-24-Y	3500K	1950LM	<19.2W	102LM/W	90+	3OZ
ES-FS2216NW-266-24-Y	4000K	2070LM	<19.2W	108LM/W	90+	3OZ
ES-FS2216NW-266-24-Y	5000K	2070LM	<19.2W	108LM/W	90+	3OZ
ES-FS2216PW-266-24-Y	6500K	2110LM	<19.2W	110LM/W	90+	3OZ



Strip length: CE:500CM UL:17FT



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

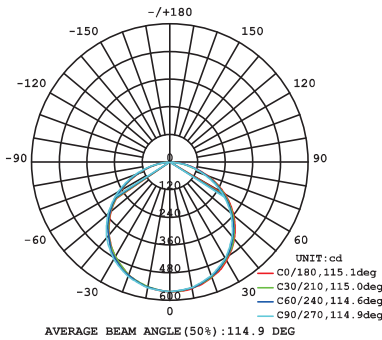


AL. profiles (mm)

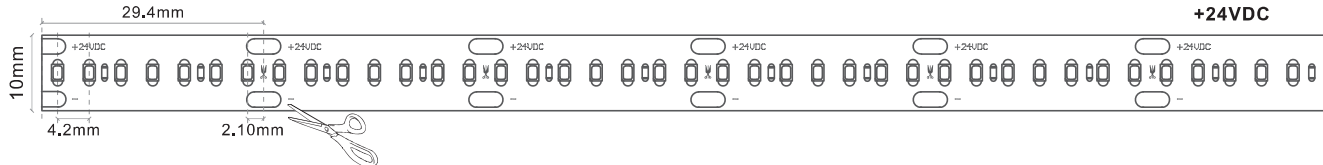
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 ES-LL016016	 ES-LL020020-1	 ES-LL016015	 ES-LL025025
 ES-LL030030	 ES-LL010015	 ES-LL020020	
 ES-LL018018		 ES-LL010010	

High Density
RA 90+ SMD2216
Part Number:EST-FS2216C-238-24-Y

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2216WW-238-24-Y	1800K	1500LM	<19.2W	78LM/W	90+	3OZ
ES-FS2216WW-238-24-Y	2100K	1550LM	<19.2W	81LM/W	90+	3OZ
ES-FS2216WW-238-24-Y	2300K	1550LM	<19.2W	81LM/W	90+	3OZ
ES-FS2216WW-238-24-Y	2700K	1600LM	<19.2W	83LM/W	90+	3OZ
ES-FS2216WW-238-24-Y	3000K	1650LM	<19.2W	86LM/W	90+	3OZ
ES-FS2216WW-238-24-Y	3500K	1650LM	<19.2W	86LM/W	90+	3OZ
ES-FS2216NW-238-24-Y	4000K	1700LM	<19.2W	88LM/W	90+	3OZ
ES-FS2216NW-238-24-Y	5000K	1700LM	<19.2W	88LM/W	90+	3OZ
ES-FS2216PW-238-24-Y	6500K	1750LM	<19.2W	91LM/W	90+	3OZ



Strip length: CE:500CM UL:17FT



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



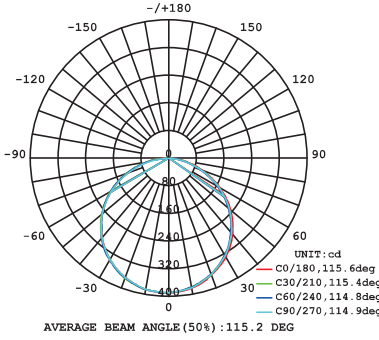
AL. profiles (mm)

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 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	

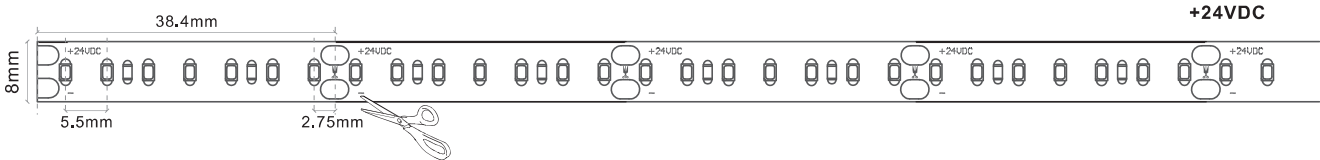
Part Number:EST-FS2216C-182-24-Y

High Density
RA 90+ SMD2216

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2216WW-182-24-Y	1800K	950LM	<12W	79LM/W	90+	3OZ
ES-FS2216WW-182-24-Y	2100K	1000LM	<12W	83LM/W	90+	3OZ
ES-FS2216WW-182-24-Y	2300K	1000LM	<12W	83LM/W	90+	3OZ
ES-FS2216WW-182-24-Y	2700K	1050LM	<12W	87LM/W	90+	3OZ
ES-FS2216WW-182-24-Y	3000K	1050LM	<12W	87LM/W	90+	3OZ
ES-FS2216WW-182-24-Y	3500K	1050LM	<12W	87LM/W	90+	3OZ
ES-FS2216NW-182-24-Y	4000K	1100LM	<12W	92LM/W	90+	3OZ
ES-FS2216NW-182-24-Y	5000K	1100LM	<12W	92LM/W	90+	3OZ
ES-FS2216PW-182-24-Y	6500K	1120LM	<12W	93LM/W	90+	3OZ



Strip length: CE:500CM UL:27.34FT



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

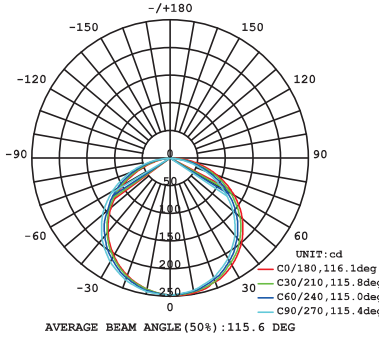


AL. profiles (mm)

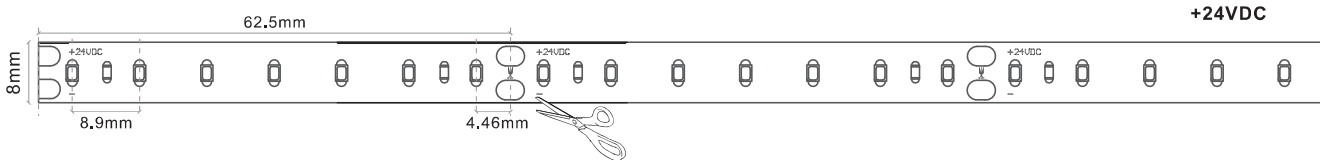
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 ES-LL023009	 ES-LL030011	 ES-LL023015	 ES-LL013012
 ES-LL016016	 ES-LL020020-1	 ES-LL016015	 ES-LL025025
 ES-LL030030	 ES-LL010015	 ES-LL020020	
 ES-LL018018		 ES-LL010010	

High Density
RA 90+ SMD2216
Part Number:EST-FS2216C-112-24-Y

Model	Color temp.	LM/M	Power/M	Light efficiency	CRI (Ra)	FPC copper
ES-FS2216WW-112-24-Y	1800K	550LM	<7.2W	76LM/W	90+	3OZ
ES-FS2216WW-112-24-Y	2100K	590LM	<7.2W	82LM/W	90+	3OZ
ES-FS2216WW-112-24-Y	2300K	590LM	<7.2W	82LM/W	90+	3OZ
ES-FS2216WW-112-24-Y	2700K	620LM	<7.2W	86LM/W	90+	3OZ
ES-FS2216WW-112-24-Y	3000K	620LM	<7.2W	86LM/W	90+	3OZ
ES-FS2216WW-112-24-Y	3500K	620LM	<7.2W	86LM/W	90+	3OZ
ES-FS2216NW-112-24-Y	4000K	650LM	<7.2W	90LM/W	90+	3OZ
ES-FS2216NW-112-24-Y	5000K	650LM	<7.2W	90LM/W	90+	3OZ
ES-FS2216PW-112-24-Y	6500K	680LM	<7.2W	94LM/W	90+	3OZ



Strip length: CE:500CM UL:45.57FT



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	