

Specification

AS3535 Flexible strip
(DS8160-24V-15mm)



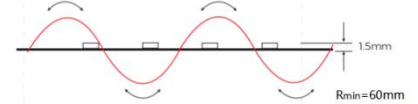
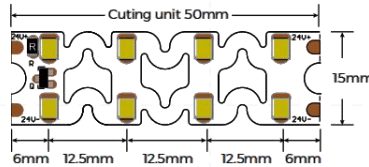
General description

- CURVE light source
- Suitable for the AS3535、AH5060
- Bridgelux High quality light source, support 2700, 3000, 3500, 4000, 5000, 6500K
- Ta: -25~40° C; Tc: 75° C (max)



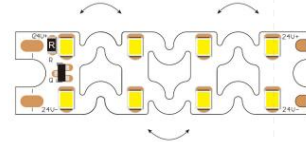
Dimensions

Max.length: 5000mm
Cutting unit: 50mm/8Leds
LED pitch: 12.5mm
IP: IP20



Bending angle: $0^\circ < \theta < 10^\circ$

Horizontal bending: $D_{min} \geq 320mm$



Electronic & output data

Input voltage: 24VDC
Rated current: 0.8A/M
Typical Power: 19.2W/M
Power range: 16.3~22.1W/M

Max.power: 22.1W (IF=40mA)
CRI: >80/90
On-off times: 10000 (test times)

Color	SW		WW		PW		NW		DW		W	
CCT	2700K		3000K		3500K		4000K		5000K		6500K	
CRI	80	90	80	90	80	90	80	90	80	90	80	90
Lumen	2630LM	2262LM	2765LM	2378LM	2900LM	2494LM	2900LM	2494LM	2900LM	2494LM	2785LM	2395LM
Lm/W	137	118	144	124	151	130	151	130	151	130	145	125
Energy efficiency class	D											
	1.The tolerance of output data can be vary up to 10% 2.the output data tested according to IES LM-79-08 3.the output data is based on IP20/1M 4.IP protection process leads changes to size, CCT and luminous flux											

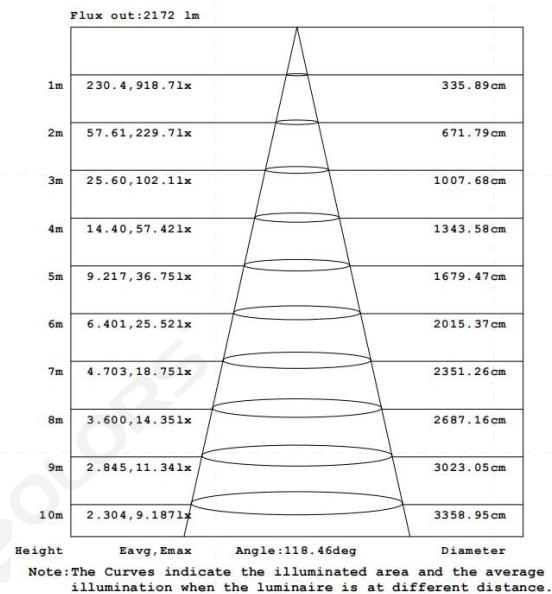
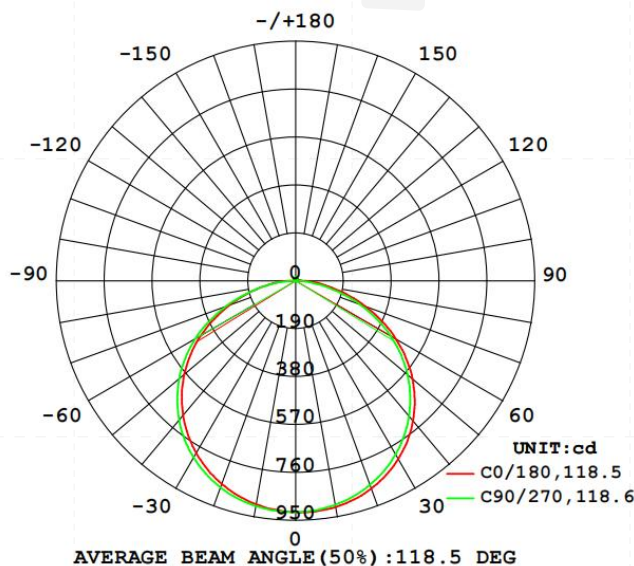
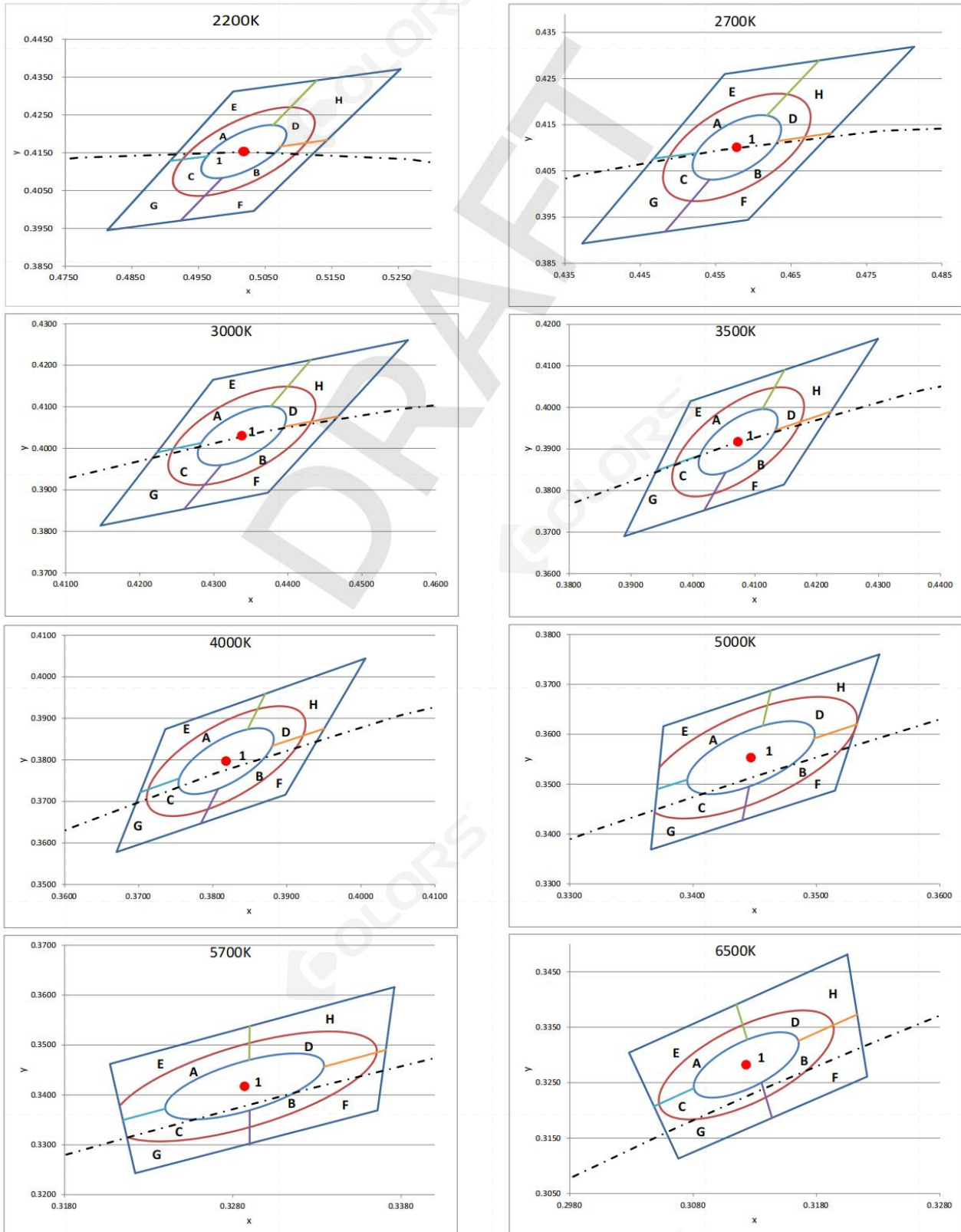


Figure 1: C.I.E. 1931 Chromaticity Diagram (9 Color Bin Structure, Cold-color Targeted at $T_{sp} = 25^{\circ}\text{C}$)



Bridgelux SMD 2835 0.5W 3V Product Data Sheet DS277 Rev. A (10/2019)



Order Code Formats

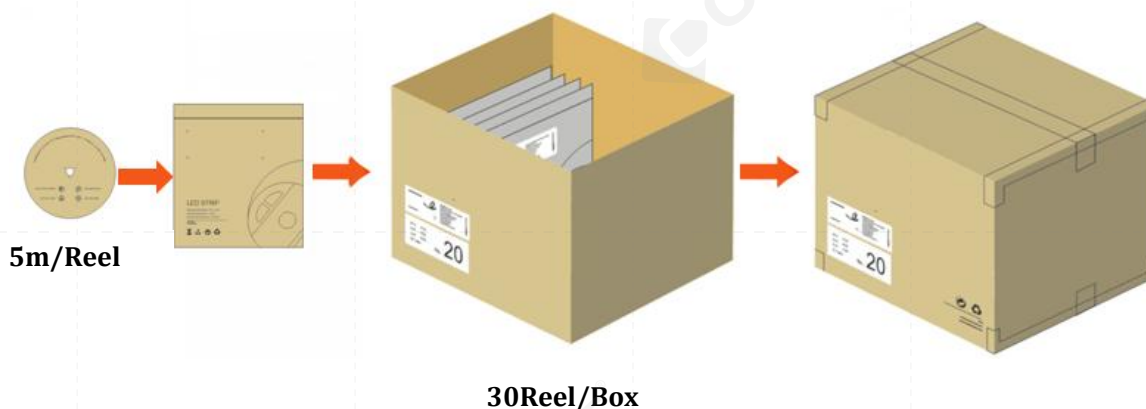
DS81602415NO-8NWDA012WC0500

1:Category		2:LED		3:LED/m		4:Voltage		5:FPC Width		6:IP Process		7:CRI		8:CCT	
DS	-	8	2835	160	160 LED	24	24V	15	15mm	NO	NO	8	>80	LW	2300K
										SILICONE GLUE	SG			SW	2700K
										SILICONE TUBE	ST			WW	3000K
										SILICONE FILLED	SF			NW	4000K
										Extrusion Tube	ET			DW	5000K
										NANO	NA			W	6500K

9:Silk Printing		10: Entry cable		11:Wire type		12:Wire length		13:Tape type		14:Label Type		15: Strip Length	
C	COLORS	S	Single	red and black cable	A	12cm	012	W	White 3M	C	COLORS	0.5m	0050
S	customized	D	doubel	SM-male wire	B	15cm	015	Y	Yellow 3M	S	customize d	1m	0100
N	Neutral	X	Nothing	SM-female wire	C	20cm	020	R	Red 3M			2.5m	0250
				Nothing	X	50cm	050	X	Nothing			5m	0500
						Nothing	000					4.7m	0470

Packing

1. Conventional packaging of NO(IP20).



Disclaimer

- ※ Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.
- ※ Do not fold it in case any damage of LED beads.
- ※ Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.
- ※ Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.
- ※ LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -20℃ ~ + 40℃. Storage temperature: -0℃ ~ + 60℃. Please use the strips without waterproof within indoor environment with humidity less than 70%.
- ※ Please be careful during operation. Do not touch the AC power supply in case of electric shock.
- ※ Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.
- ※ Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement)

