

# Specification

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



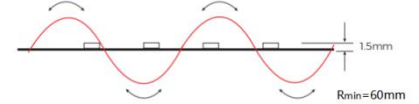
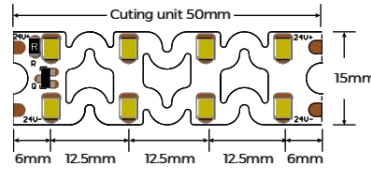
## General description

- 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)



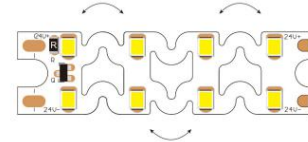
## Dimensions

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



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

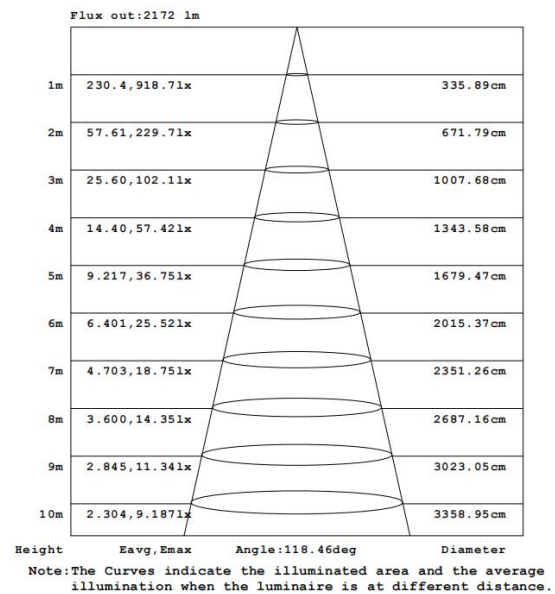
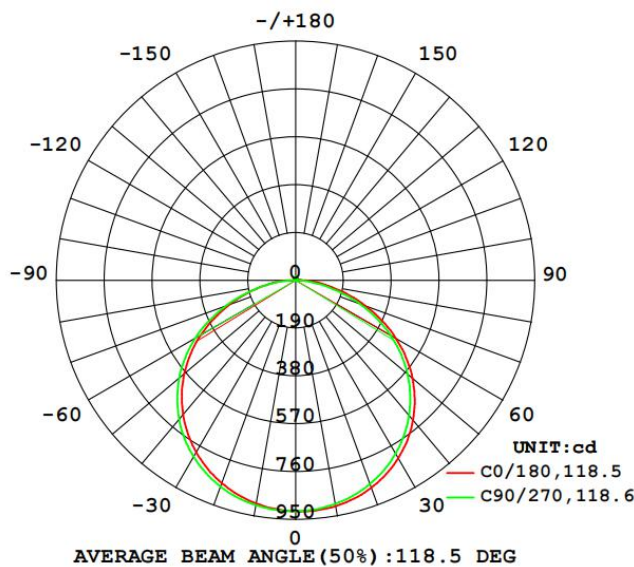
Horizontal bending:  $D_{min} \geq 320mm$



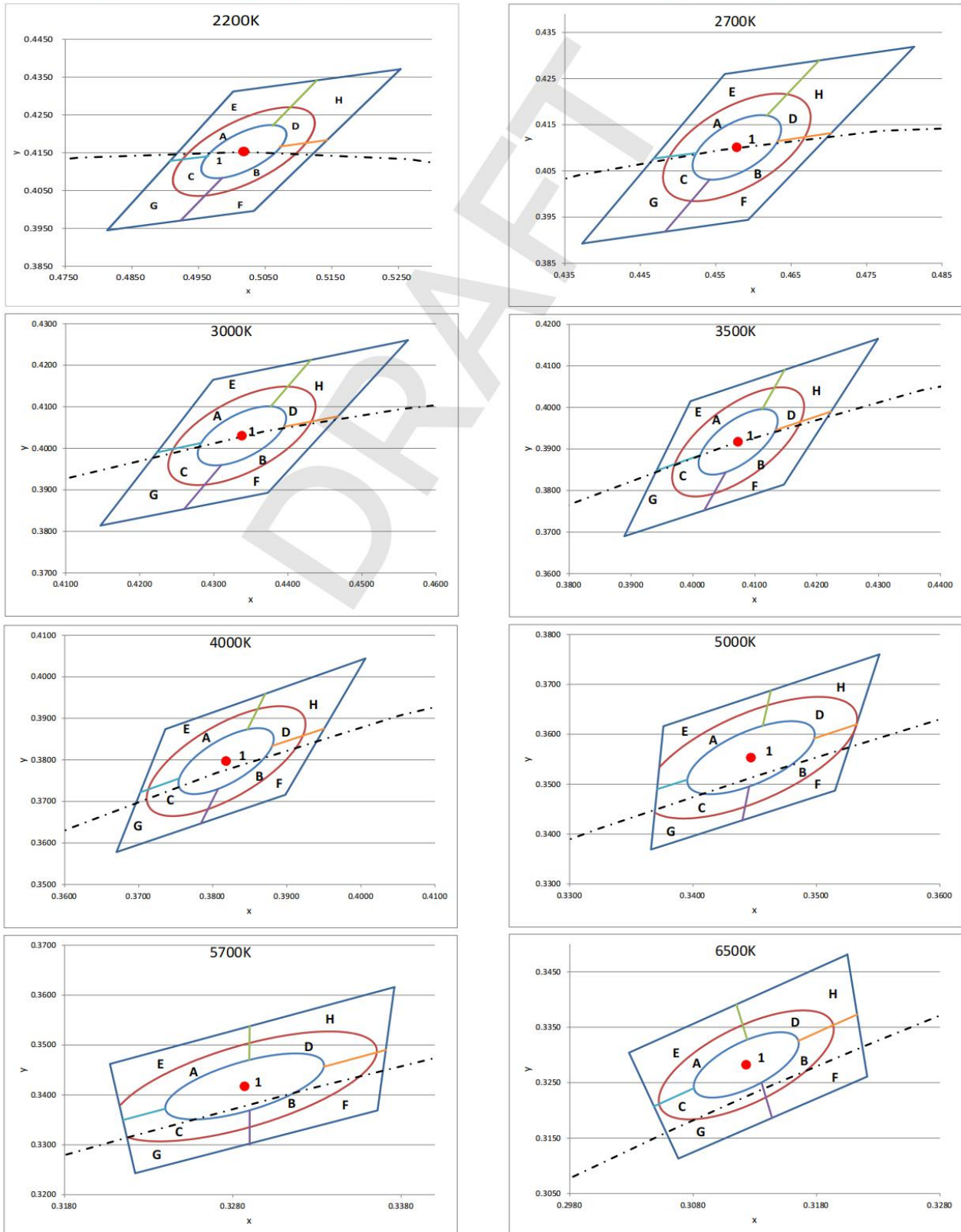
## Electronic & output data

- 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	80	80	80	80	80
Lumen	2630LM	2765LM	2900LM	2900LM	2900LM	2785LM
Lm/W	137	144	151	151	151	145
Energy efficiency class	D	D	D	D	D	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

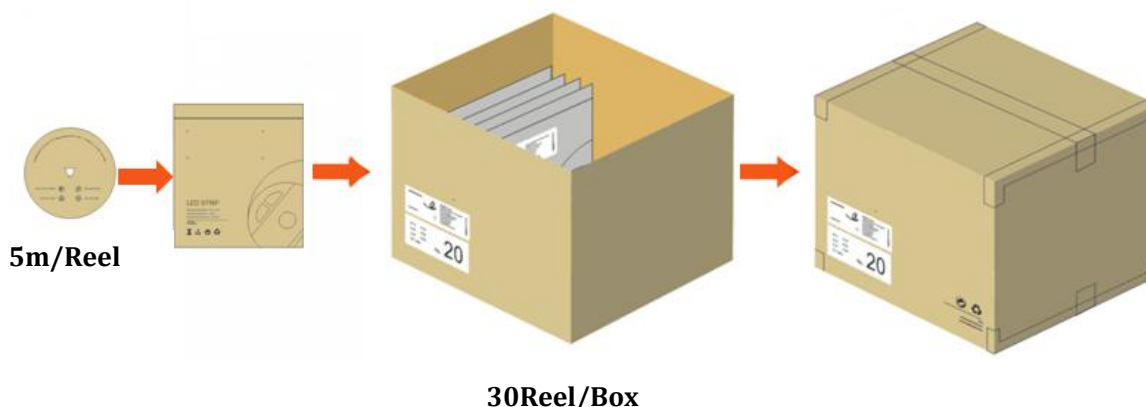
1:Category		2:LED		3:LED/m		4:Voltage		5:FPC Width		6:IP Process		7:CRI		8:CCT	
DS	-	8	2835	160	160 LED	24	24V	15	15mm	NO	NO	8	>80	LW	2300K
										SILICONE GLUE	SG			SW	2700K
										SILICONE TUBE	ST			WW	3000K
										SILICONE FILLED	SF			NW	4000K
										Extrusion Tube	ET			DW	5000K
					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

