

Specification

AS3535 Rigid Modular
(DY8160-24V-20MM-03A90)



General description

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

Dimensions

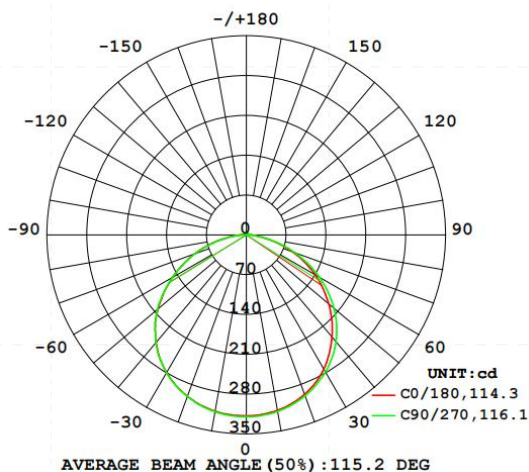
Max.length: 263mm/pcs
Cutting unit: 87mm/16Leds
LED pitch: 11mm
IP: IP20



Electronic & output data

Input voltage: 24VDC
Rated current: 0.225A/PCS
Typical Power: 5.4W/PCS
Power range: 4.6~6.3W/PCS
Max.power: 6.3W (IF=45mA)
CRI: >80
On-off times: 10000 (test times)

Color	LW	SW	WW	NW	DW	W
CCT	2300K	2700K	3000K	4000K	5000K	6000K
Lumen	588lm	658lm	658lm	810lm	810m	658lm
Lm/W	109	121	121	150	150	121
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 IP33/1pcs 4.IP protection process leads changes to size, CCT and luminous flux						

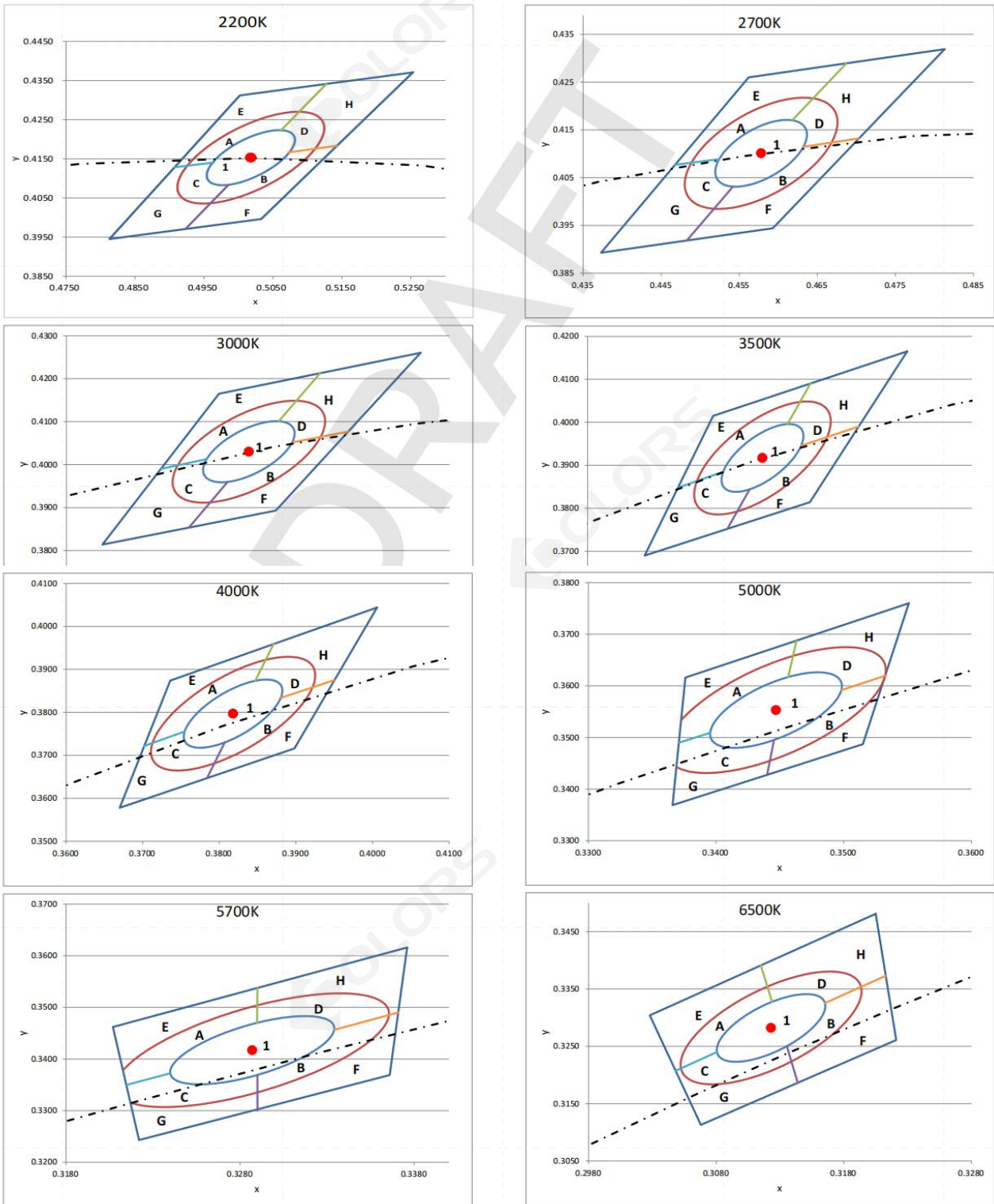


Flux out: 712.8 lm

Height	Eavg, Emax	Angle: 114.31deg	Diameter
1m	88.59, 319.61lx		309.80 cm
2m	22.15, 79.89lx		619.60 cm
3m	9.843, 35.51lx		929.40 cm
4m	5.537, 19.97lx		1239.20 cm
5m	3.544, 12.78lx		1548.99 cm
6m	2.461, 8.87lx		1858.79 cm
7m	1.808, 6.52lx		2168.59 cm
8m	1.384, 4.99lx		2478.39 cm
9m	1.094, 3.94lx		2788.19 cm
10m	0.8859, 3.19lx		3097.99 cm


Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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)

Accessories Information

Type	Name	Picture	Code	Color	protection technique	Remark
wire	Double pin		14.01.00.0309	white	IP20	60±0.5mm

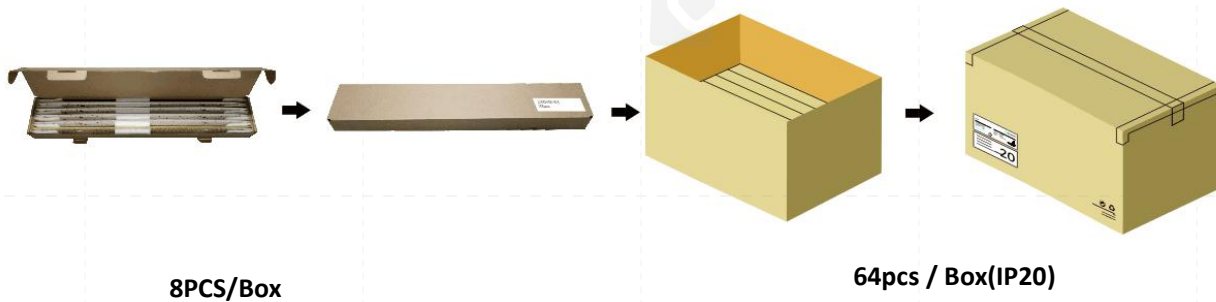
Order Code Formats

1:Category		2:LED		3:LED/m		4:Voltage		5:FPC Width		6:IP Process		7:CRI		8:CCT	
DY	-	8	2835	160	140 LED	24	24V	20	20mm	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	6000K

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					08A45	φ 0.3m/90°

DY81602420NO-8NWNXL000XC03A90

Packing



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 °C ~ + 40 °C. Storage temperature: -0 °C ~ + 60 °C. 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)