

Specification

AS3535 Rigid Modular
(DY8160-24V-20MM-30A23)



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: 587.5mm/pcs
Cutting unit: 98mm/16Leds
LED pitch: 12.5mm
IP: IP20



Electronic & output data

Input voltage: 24VDC
Rated current: 0.48A/PCS
Typical Power: 11.6W/PCS
Power range: 10.5~12.8W/PCS
Max.power: 12.8W (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	1264lm	1413lm	1413lm	1740lm	1740m	1413m
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

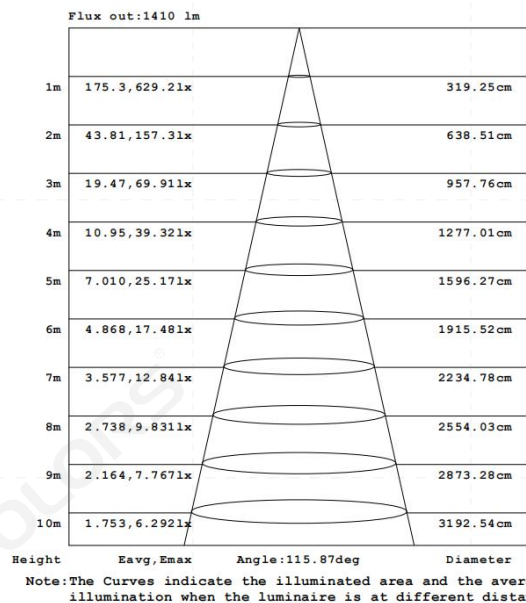
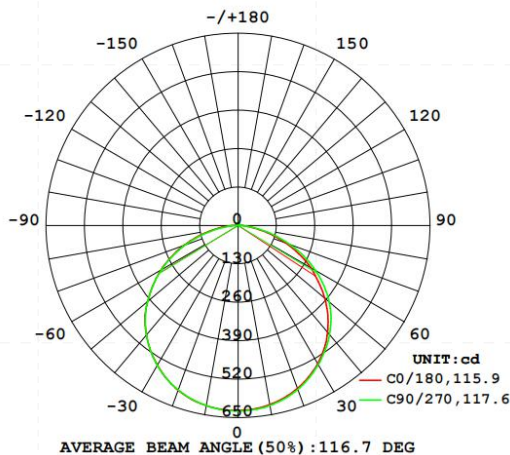
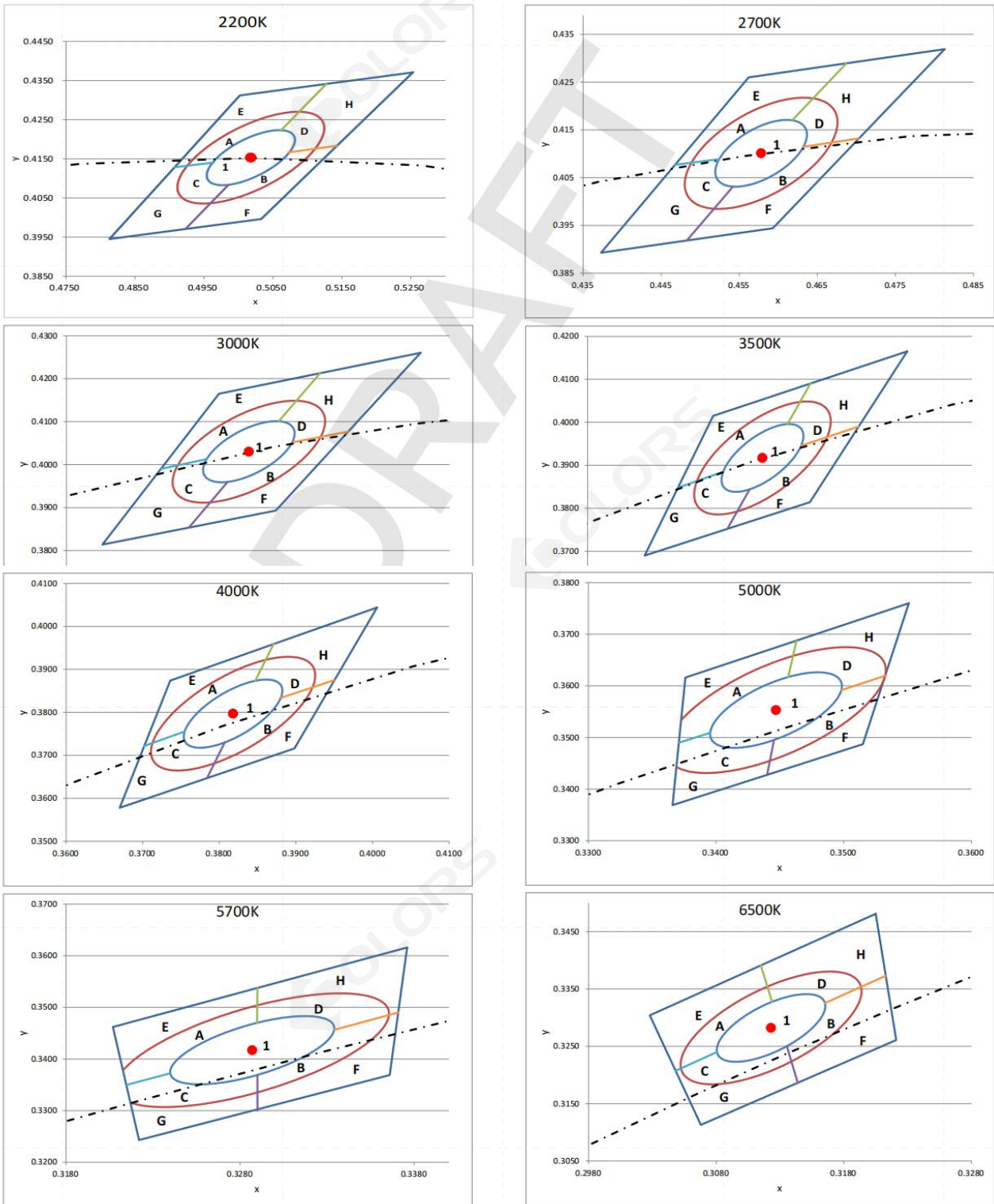



Figure 1: C.I.E. 1931 Chromaticity Diagram (9 Color Bin Structure, Cold-color Targeted at $T_{sp} = 25^{\circ}\text{C}$)



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

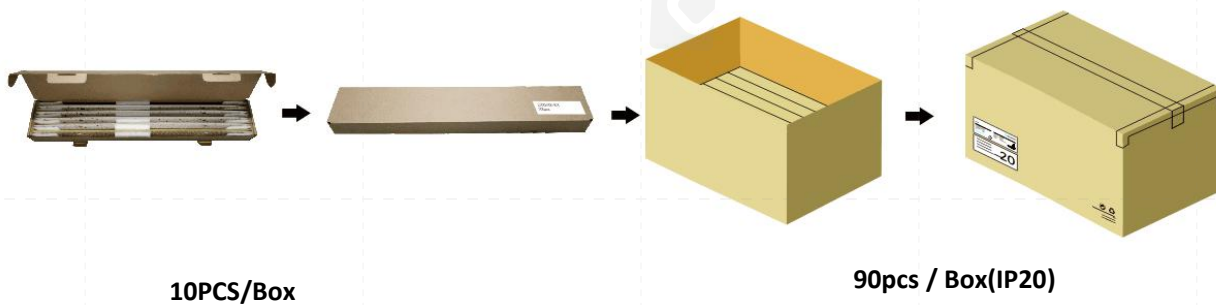
Order Code Formats

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					10A45	Φ 3m/22.5°

DY81602420NO-8NWNXL000XC30A23

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)