

CLASSIC Series Specification

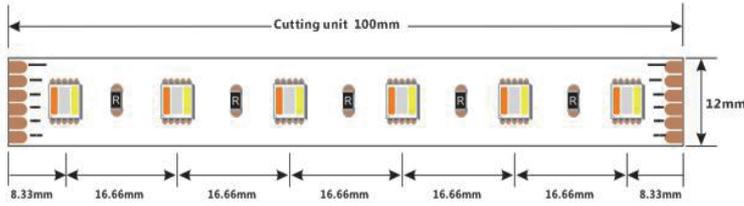
D560RGBLWW

24V-12mm



【General description】

- Five in one bulb design, more uniform light
- 65536 colors can be achieved at the highest level
- High quality FPC, high thermal 3M adhesive
- With life span over 60000H
- Ta: -25~40°C; Tc: 75°C(max)
- UL/UACK/CE/ROHS/REACH certification



【Dimension】

Input voltage: DC24V

CRI: /

Max.power: 20W(1m)

Power range: 16~20W(1m)

Rated current: 0.75A(1m) 3.14A(5m)

Typical Power: 18W(1m) 75.4W(5m)

tape IP: IP20/IP65

On-off times: 10000 (test times)

Warranty: 5 years indoor / 3 years outdoor

Max.length: 5000mm(16.4')

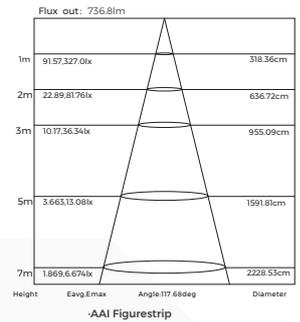
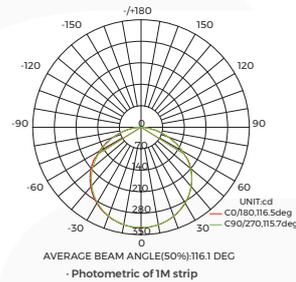
Cutting unit: 6leds/100mm(3.94")

LED pitch: 16.66mm(0.66")

Min. bend diameter: Φ 60mm(2.36")

Mounting: 3M tape

Copper foil: 2oz



【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
/	LW	2300K	310	94	/	/
/	W	6500K	390	118	/	/
/	R	R:620-625nm	105	32	/	/
/	G	G:520-525nm	245	74	/	/
/	B	B:455-460nm	65	19	/	/
/	RGBLWW	/	1100	335	/	/

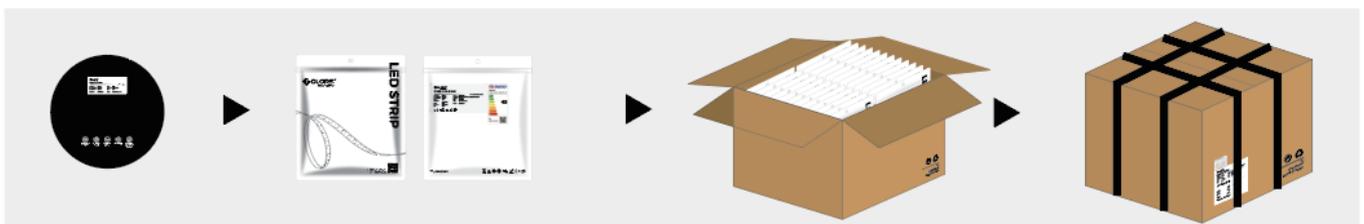
- 1.The tolerance of output data can be vary up to 10%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1mreter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

【Electronic & output data】

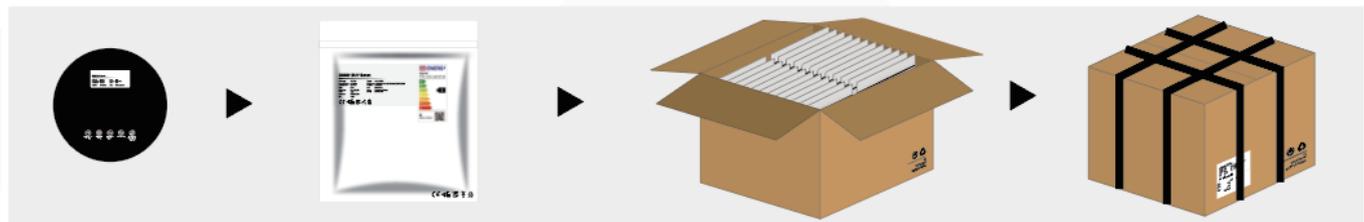
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	12mm*2.1mm	RGBLWW	100%
NA		Nano-proof	12mm*2.1mm	RGBLWW	98%

【Packing】

Colors brand package



General customized package



IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (cm)
NO	5000*12*2.1	5	250	0.15	7.5	8.625	41*41*26
NA	5000*12*2.1	5	250	0.153	7.65	8.7975	41*41*26

Remark: data with 10% tolerance

· Engineering packaging of NO(IP20)NA(IP65)

(free-soldering end caps with 40 cover per box could be ordered separately if needed)



IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (cm)
NO	50000*12*2.1	50	500	1.5	15	17.25	41*41*26
NA	50000*12*2.1	50	500	1.53	15.3	17.593	41*41*26

Remark: data with 10% tolerance

【Precautions】

- Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.
- Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.
- 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: -25℃~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).
- Do not scratch the product when IP process of the product is NA. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.