LUMEN ILLUMINATION SDN BHD

COLORS
Linear Lighting

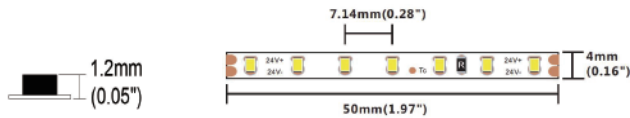**PRO Series** | Specification

D6140
24V-4mm

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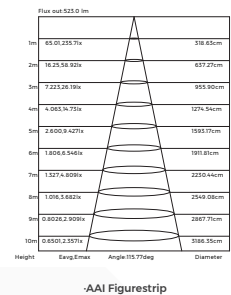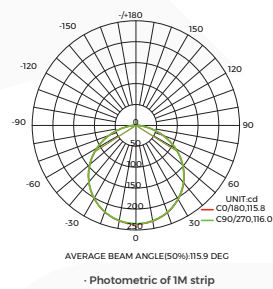UL E498657 · CE · RoHS · ISO 9001

【General description】

· Super slim width with board width only 4mm,Ultra-slim thickness of 1.2mm, matching profiles better
· Self-encapsulated design offers 4 optional 2700-6000K white lights
· With life span over 36000H
· Ta: -25~40℃；Tc：75℃（max）

7.14mm(0.28")

1.2mm (0.05")

4mm (0.16")

50mm(1.97")

24V+ 24V- • To R 24V+ 24V-

【Dimension】

Input voltage：DC24V

CRI：90

Max.power: 7.2W(1m)

Power range: 6～7.2W(1m)

Rated current：0.275A(1m) 1.1A(5m)

Typical Power：6.6W(1m) 26.4W(5m)

tape IP：IP20/IP65

On-off times: 10000（test times）
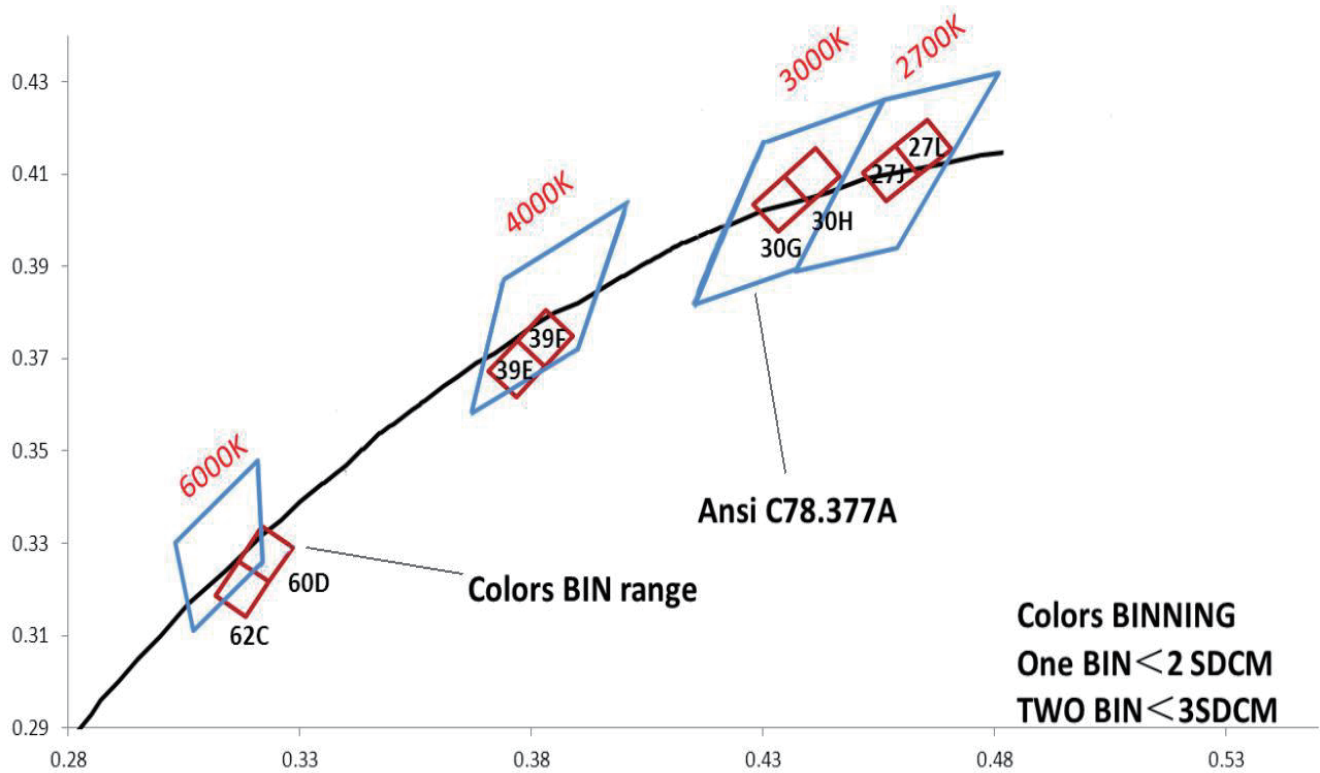
Warranty：5years

(Warranty is based on indoor use)

Max.length：5000mm(16.4')

Cutting unit：7leds/50mm(1.97")

LED pitch：7.14mm(0.28")

Min. bend diameter：Φ60mm(2.36")

Mounting：3M tape

Copper foil: 2oz

UNIT:cd
C0/180,115.8
C90/270,116.0

AVERAGE BEAM ANGLE(50%):115.9 DEG

· Photometric of 1M strip

Flux out:523.0 lm

·AAI Figurestrip

【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	SW	2700K	660	201	100	F
Ra>90	WW	3000K	685	209	104	F
Ra>90	NW	4000K	710	216	108	F
Ra>90	W	6000K	685	209	104	F

1.The tolerance of output data can be vary up to 15%.

2.the output data tested according to IES TM-30-15.

3.the output data is based on IP20/1merter，data of 5m in only for reference.

4.IP protection process leads changes to size, CCT and luminous flux.

Ansi C78.377A

Colors BIN range

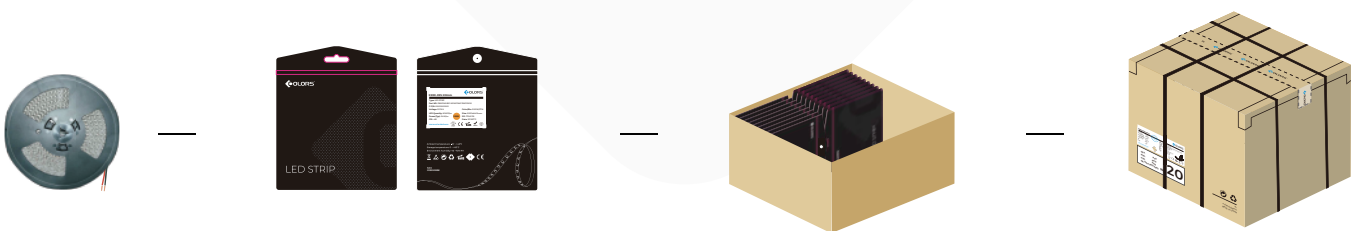**Colors BINNING**
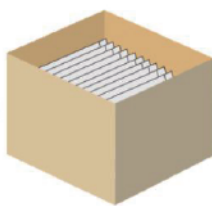**One BIN ＜ 2 SDCM**
TWO BIN ＜ 3SDCM

【Electronic & output data】

IP Process	Picture	Picture description	Size	Optional CCT/color for finished product	lumen output rate
NO	NO/IP20	No proof	4mm*1.2mm	2700K/3000K/4000K/6000K	100%
NA	NANO/IP65	Nano-proof	4mm*1.3mm	2700K/3000K/4000K/6000K	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*4*1.2	5	350	0.078	6.24	7.176	41*41*26
NA	5000*4*1.3	5	350	0.082	6.56	7.544	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 processof the product is NA. Ultraviolet rays will damage the nano-layers on the

product and seriously affect the life of the product.