

PRODUCT DATASHEET

SOB light with Built-in chip protection stents

1321LM/m | 12mm | 24V | ≥ 90 Ra | 15W/m | 87LM/W | 6.667mm/Cut | 5000mm

Product Code: DL-FSOBA150V24-14158-IP67-*



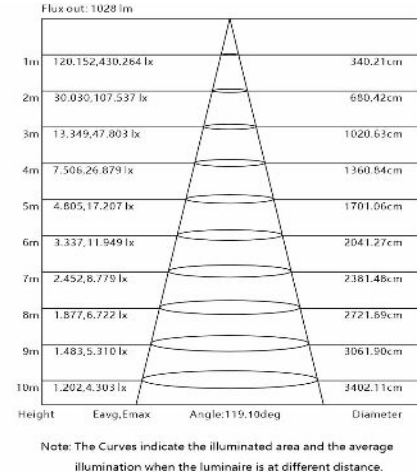
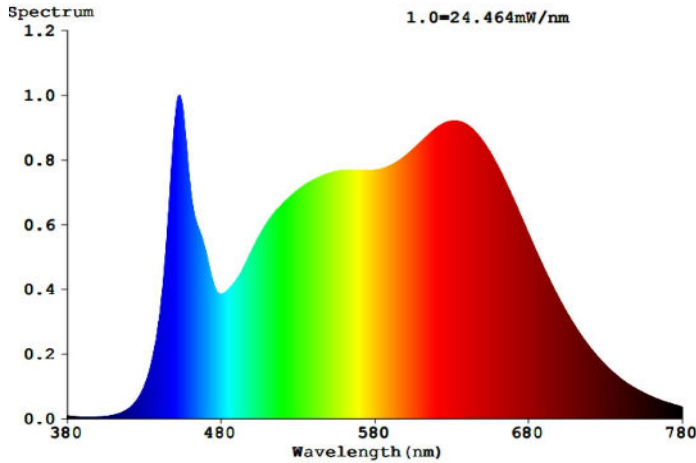
Product Advantages:

- High brightness and uniform light
- Compact Design & cut-free.
- Energy Efficiency.
- Multiple Color Temperature Options: 1800k-6500k
- IP67 waterproof and Dustproof design.
- Highly flexible installation, outdoor use.

Product Features

- Input voltage: DC 24V
- CRI: ≥ 90
- Rated power: 15W(1m)/64W(5m)
- Rated current: 0.625A(1m)
- Copper foil: 3oz
- Cutting unit: 2LEDs/6.667mm(0.26")
- LED pitch: 3.333mm(0.13")
- Warranty: 3 years (Warranty is based on indoor use)
- IP Rate: IP67
- Max.length: 5m(16.4')
- Ta: -20~40°C; Tc=75°(max)
- On-off times: 10000 (test times)
- Min. bend diameter: $\Phi 60$ mm(2.36")

Light Distribution



Product mechanical parameters



Electrical Data

Nominal wattage per meter	15W
Nominal voltage	24 Vdc
Input voltage range	23-25 Vdc
Nominal current per meter	625 mA

Photometrical Data

Luminous efficacy	87 lm/W
Luminous flux per meter	1321 lm

Module Information

Number of LEDs per meter	300
Number of LEDs per module	1500
Number of LEDs per smallest unit	2

Dimensions & Weight

Max.Length	5000 mm
Length - Min. unit	6.667 mm
Cable length	150 mm
Width	12 mm
Height	6.7 mm
Prewired	Yes
Conductor cross section	0.5 mm ²
LED pitch	3.333 mm
Short pitch	No
Product weight	400g

Product Photo-Electric Parameters

Ra≥90

Power	CRI	Color	Color Temperature	LM/m	LM/W	Energy Efficiency Class
15W	Ra≥90	SWW	2700K	1185	79	G
15W	Ra≥90	WW	3000K	1260	84	G
15W	Ra≥90	NW	4000K	1305	87	F
15W	Ra≥90	PW	6500K	1260	84	G

1. The tolerance of output data is ±10%.
2. The above data is based on IP67 ,1meter.

Product Coding Method

DL- F SOB J 150 V24 - 14158 - *

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

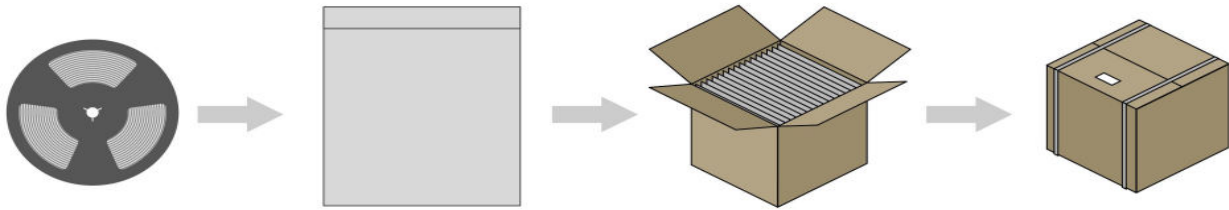
① Model:DENO Lighting

② Category	③ Type	④ IP Rate	⑤ LEDs/0.5m	⑥ Input Voltage	⑦ model code
F Flex LED Strips	SOB	J IP67	150 300LED/m	V24 DC24V	14158

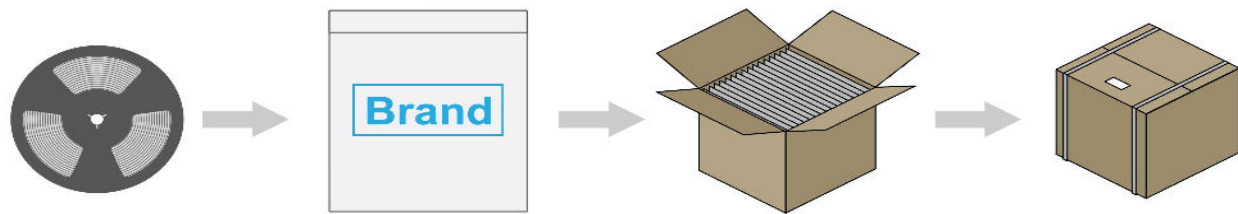
⑧ * Extending remark during the business.

Packing

General customized package



OEM package



Precautions

- LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -25°C-40°C. Storage temperature: 0°C-60°C. Please use the strips without waterproof within indoor environment with humidity less than 70%.
- Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.
- 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.
- 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.
- 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.

Warranty

- 1 All LED lights are warranted to be free from defects in the product itself from the date of purchase.
- 2 Within this period, DENO reserves the right to repair or replace any components that fail due to correct use. Such repairs or replacements will be provided free of charge for parts only, provided that the customer is responsible for transportation costs of the goods.
- 3 This warranty does not cover failures due to abuse, misuse, improper handling, acts of nature, negligence, normal wear, accidental damage, modifications or repairs made by the purchaser, or incorrect voltage conditions.