



OL-18/12/3528-X

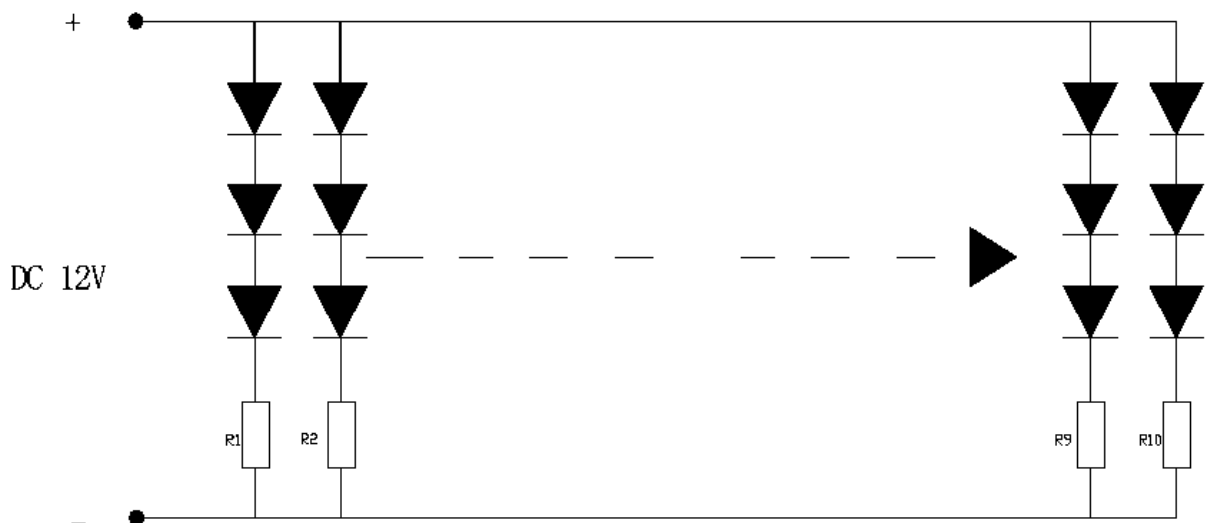
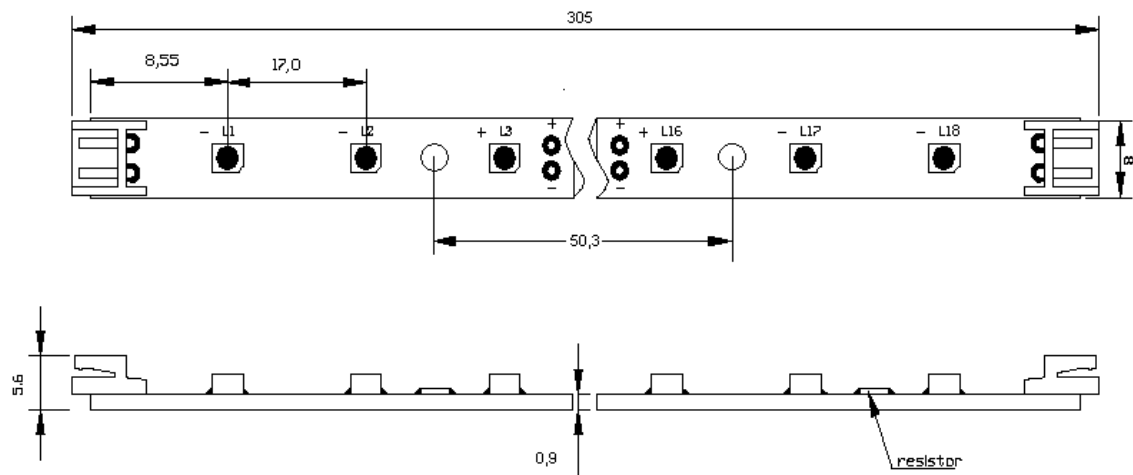


Features

- 305MM X 8MM LED MODULES (18-LED) .
- MODULE THICKNESS : 5,6MM.
- WORKING VOLTAGE : 12V DC.
- WORKING CURRENT: 120MA.
- LED VIEW ANGLE: 140° .



ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
DISCHARGE
SENSITIVE
DEVICES



Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is ± 1 mm unless otherwise noted.

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Absolute Maximum Rating at TA=25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	120	mA
Power Dissipation	PD	1,44	W
Electrostatic discharge	ESD	800	V
Operating Temperature	Tstg	-25 ... +60	°C
Storage Temperature	Tstg	-25 ... +80	°C

Electrical / Optical Characteristics at TA=25°C, IF=120mA

COLOUR	Dominant Wavelength (nm/K)	Luminous flux (lm)	Forward Voltage DC	Recommend Forward Current
BLUE	468 – 472 nm	15	12VDC	120mA
GREEN	521 – 525 nm	33	12VDC	120mA
RED	636 – 639 nm	18	12VDC	120mA
YELLOW	586 – 590 nm	18	12VDC	120mA
WHITE WARM	3500K	36	12VDC	120mA
WHITE COLD	6000K	36	12VDC	120mA

Notes:Tolerance of measurement of luminous intensity±15%.

APPLICATIONS

- SLIM DESIGN FOR NARROW AND COMPACT LED SIGNAGES.
- WATERPROOF FOR OUTDOOR ADVERTISING SIGNS CHANNEL-LETTER, EFFECTIVE CONTOURING, OUTDOOR WATERPROOF LED LIGHTING PROJECTS, ETC.