

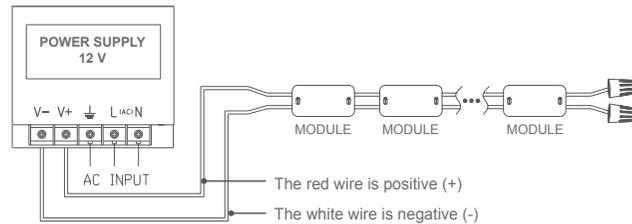
0.72 WATTS PER MODULE | IP65



COLOUR	CODE
COOL WHITE 6500K	BL-MOD-912-CW

LED WATTS	0.72W per module
INPUT VOLTS	12V DC constant voltage
INPUT AMPS	60mA per module
OPERATING TEMP.	-25°C ~ +60°C
MAX. CASCADE RUN PER POWER FEED	25 modules
LUMENS	52lm per module
BEAM ANGLE	160°
WARRANTY	5 years
DIMENSIONS	Module - W16 × H7.4 × L53mm Cascade of 25 modules - L4.37m
CUTTING LENGTH	128mm cable between each module can be cut
INGRESS PROTECTION	IP65
MOUNTING	3M adhesive backing and provision for screw mounting
CONTROL	Dimmable by PWM signal

CONNECTION DIAGRAMS

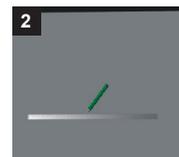


Ensure the correct +/- polarity between module and power supply.

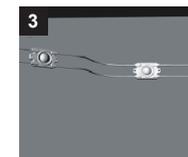
INSTALLATION STEPS



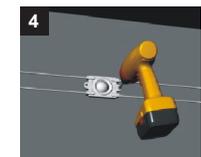
1 Clean the installation surface



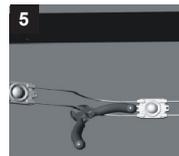
2 Determine the installation position for modules and the required quantity. Make sure to install from the middle.



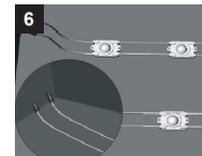
3 Peel off the double-sided backing tape, adjust to best position, then stick module on surface.



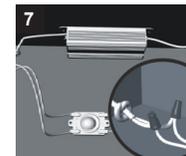
4 Secure module by screws.



5 Cut off the modules to the desired quantity and strip wires about 10mm. Note: Cut the wire in the middle between modules.



6 When the wire is exposed, screw in terminals and ensure waterproof seal



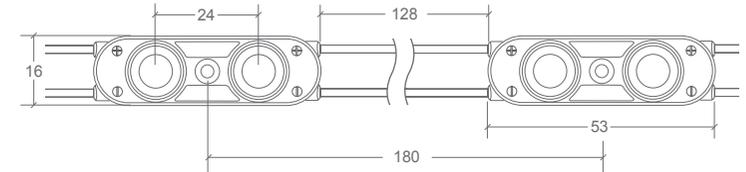
7 Connect the +/- and signal wire of the modules to the controller correctly. Ensure there is a waterproof seal.

ILLUMINATION FIGURES

LIGHT BOX DEPTH	SPACING BETWEEN EACH UNIT (MM)	DENSITY (PCS / M ²)	SURFACE ILLUMINATION RANGE (LUX)
dz=80mm	dx=120 dy=120	69	1500-1870
dz=120mm	dx=180 dy=200	28	770-865
dz=180mm	dx=180 dy=280	20	520-580

Figures tested using acrylic white board with 3mm depth and 54.4% light transmittance. Illumination data is the minimum value tested on even surface. Average values are for reference only.

DIMENSIONS



Maximum of 25 modules cascade per power feed.
Cascade can be increased to 50 modules if powered from both ends.

ATTENTION

- The product shall be installed and serviced by a professional electrician.
- Do not disassemble or modify the modules; do not touch LED surface with sharp tools
- Do not install while the electricity cables are live
- During installation please ensure that all exposed wires and connections are sealed with a suitable silicone and/or heat shrink to ensure water tightness
- Use 18AWG or larger wires to avoid over-current which may cause overheating
- Do not use with a dimmer
- Do not exceed 50pcs modules in one string
- The power cable between the module and the power supply should be no longer than 10 metres
- This product is applicable to the inside of light box or signage lighting, do not use directly outdoors

