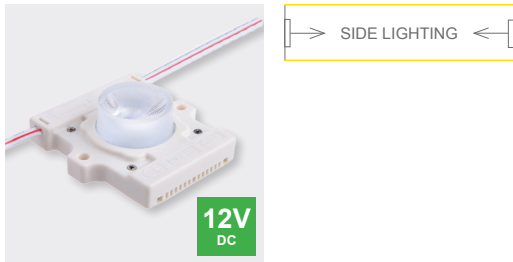
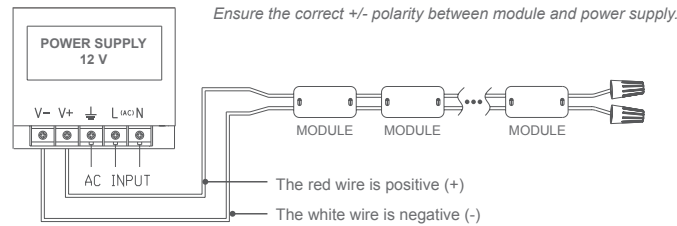


2.7 WATTS PER MODULE | IP65



COLOUR	CODE
COOL WHITE 7000K	BL-MOD-1000-CW
LED WATTS	2.7W per module
INPUT VOLTS	12V DC constant voltage
INPUT AMPS	225mA per module
OPERATING TEMP.	-25°C ~ +60°C
MAX. CASCADE RUN PER POWER FEED	15 modules
LUMENS	277lm per module
BEAM ANGLE	14° × 40° elliptical beam
WARRANTY	5 years
DIMENSIONS	Module W58 × H21.5 × L60mm Cascade of 15 modules L3.68m
CUTTING LENGTH	180mm cable between each module can be cut
INGRESS PROTECTION	IP65
MOUNTING	3M adhesive backing and provision for screw mounting
CONTROL	Dimmable by PWM signal

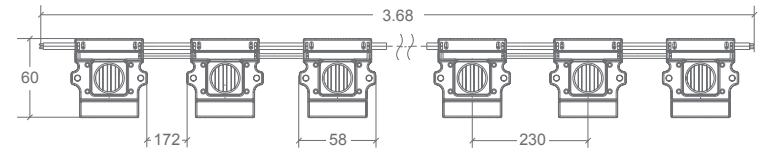
CONNECTION DIAGRAMS



INSTALLATION STEPS

- Clean the installation surface
- Determine the installation position for modules and the required quantity.
- Peel off the double-sided backing tape, adjust to best position, then stick module on surface.
- Screw down to secure modules.
- Cut off the modules to the desired quantity.
Note: Cut the wire in the middle between modules.
- When the wires are exposed on the last module in the string be sure to insulate the cables from shorting using waterproof connections.
- Connect the +/- and signal wire of the modules to the controller correctly. Ensure there is a waterproof seal.

DIMENSIONS



Maximum of 15 modules cascade per power feed.

ILLUMINATION FIGURES (LUX)

1.5M DOUBLE-SIDED LIGHT BOX LAYOUT

MODULE DISTANCE	LIGHT BOX THICKNESS (MM)				
	140	180	220	260	300
70mm	1423	1255	1118	1006	912
110mm	954	849	718	650	579
150mm	648	565	504	454	408
190mm	/	451	394	357	346
230mm	/	/	326	293	274

2M × 1.5M DOUBLE-SIDED LIGHT BOX LAYOUT

MODULE DISTANCE	LIGHT BOX THICKNESS (MM)				
	140	180	220	260	300
70mm	2654	2326	2028	1821	1659
110mm	1779	1502	1367	1178	1097
150mm	1200	1033	905	829	746
190mm	/	836	721	659	616
230mm	/	/	589	545	496

2M DOUBLE-SIDED LIGHT BOX LAYOUT

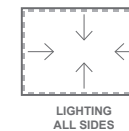
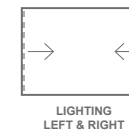
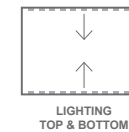
MODULE DISTANCE	LIGHT BOX THICKNESS (MM)				
	140	180	220	260	300
70mm	1137	1007	895	822	790
110mm	779	649	581	537	486
150mm	/	482	427	378	354
190mm	/	359	318	288	265
230mm	/	/	/	258	226

Based on average illumination when surface is uniform. This light box adopts 3M-P2; light transmittance is 40%. All above layout data is tested from product with 7000K colour temperature.

"/" means uneven lighting.

All above data is for reference only, if materials used differ from that specified then the result can also differ.

LIGHTING DIRECTIONS



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 15pcs 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