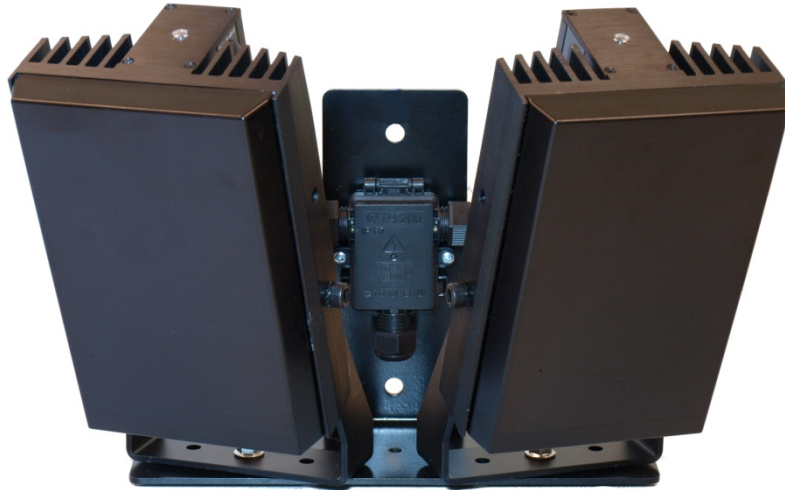


IL-DMB Dual Mounting Bracket

User's Guide



iluminar

Head Office
16107 Kensington Drive
#124 Sugar Land
Texas 77479 USA

iluminar

Tel: +1 281 438 3500
Fax: +1 281 835 5777
e-mail: sales@iluminarinc.com
www.iluminarinc.com

1. Description

The IL-DMB is a **Dual Mounting Bracket**, designed for iluminar IR (Infrared) and WL (White Light) dual powered series illuminators.

Key features of this unique illuminator mounting method are:-

- Doubles the Angle of Illumination. E.g. 2 x 60 degree illuminators will provide an angle of illumination of 120 degrees.
- Maximum Angle of Illumination 240 degrees (made up of 2 x 120 degree illuminators)
- Increases Illumination distance by a factor of 1.4x when using 2 equivalent illuminators
- *Mix-and-match* illuminators (angle & distance)
- *Mix-and-match* IR & White Light illuminators
- Fully adjustable (left, right, up & down)
- Black powder coated stainless steel construction

2. Included with IL-DMB

- 1 x Dual Mounting Bracket
- 1 x Junction Box (optional use)
- 4 x M4 screws (for attaching illuminators to DLM)
- 4 x M4 nuts
- 2 x M3 screws (for Junction Box)

3. Specification

Construction	316 stainless steel black powder coated
Junction Box	IP67 rated with output terminal blocks for 2 x illuminators & single input cord (max. 16 AWG)
Weight	1.54lbs (700g)
Dimensions	9.1" x 6.3" x 2.9" W/H/D (231 x 160 x 75.5mm)

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4. Installation

Optimum results are achieved by setting up at night and viewing the results on a monitor.

1. Ascertain where IL-DMB will be mounted. This can be onto a wall, pole, camera housing or pan/tilt unit.
2. Ensure that where the bracket is going to be mounted is structurally sound.
3. Attach bracket to structure using 2 x mounting points (8.5mm holes). Use 2 x M8 (or equivalent) screws (not supplied).
4. Attach the illuminators to the IL-DMB using the 4 x M4 screws and nuts supplied (2 per illuminator).
5. Take the power cord from each illuminator back to the power supply unit.
6. The supplied Junction Box is optional and can be used if you want to run a single power cord for both illuminators as opposed to running a separate power cord (see Diag. A).
7. To install the Junction Box, first cut back the length of the power cord supplied with each illuminator to approximately 150mm (6").
8. Wire each illuminator to the top terminal blocks in the Junction Box via the two side cable entry grommets (see Diag. B)
9. Wire input power cable through bottom cable grommet.
10. Close Junction Box and attach to rear plate on IL-DMB mount via the 2 x M3 screws supplied.
11. Adjust angle of illumination as required.

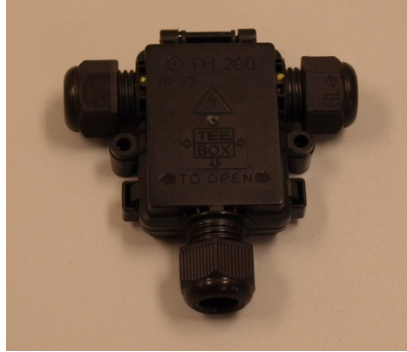
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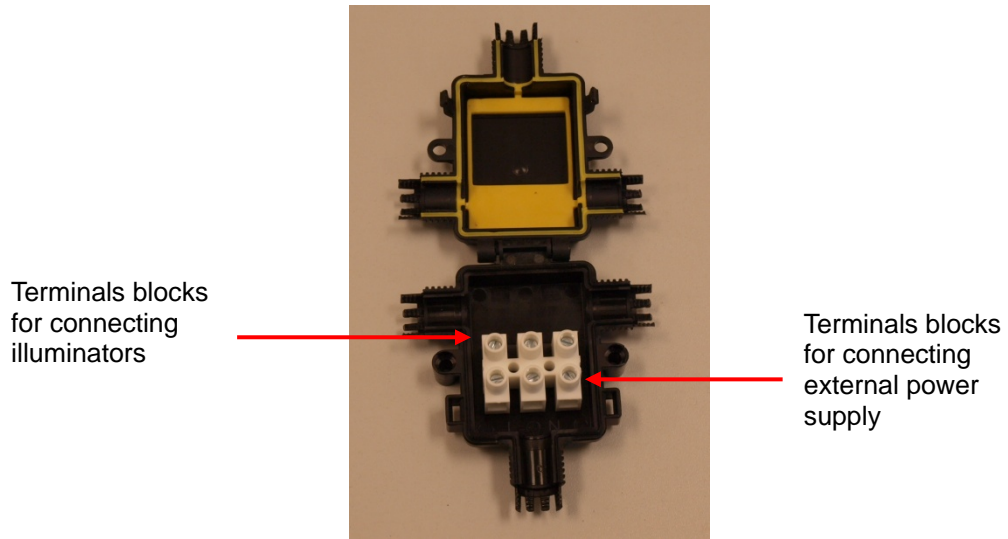
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5. Appendix

Diag. A – IL-DMB Junction Box



Diag. B – IL-DMB Junction Box (open view)



Terminals blocks
for connecting
illuminators

Terminals blocks
for connecting
external power
supply

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