TRANS

MOUNTING OPTIONS

TRANS sensor family is available with multiple mounting options with or without a mounting bracket. These mounting options allow the sensor to be integrated with lighting fixture or mounted on the ceiling in various ways. All applicable sensors can be supplied in specific mounting option as ordered with the respective code.

Sensor Product Code



| Mounting Option | Code | Bracket Model |
|--------------------------|------|---------------|
| Fixture Integrated | F | |
| IP-66 Fixture Integrated | W | |
| Fixture External | E | EMB-500 |
| IP-66 Fixture External | P | PMB-500 |
| Ceiling Surface | S | SMB-500 |
| Junction Box | С | CMB-500 |
| Ceiling Recess | R | RMB-500 |
| Fixture Internal | I* | IMB-500 |
| Ceiling Recess | L | LMB-500 |

^{*}Only available for HFD sensor

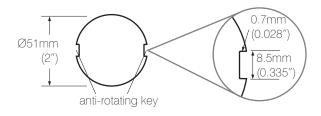
F/W-mount Sensor

Fixture Integrated

The sensors in **F** and **W**-mount are original form factor. Both options can be directly integrated with OEM lighting fixture through a 51mm (2") diameter hole.

For IP-66 fixture integration, ensure to place the rubber gasket of **W**-mount sensor in between the fixture enclosure and sensor unit. Apply proper torque (0.3 lb-ft) to tighten the plastic screw nut while assemble the sensor.

Assembly Hole



| Occupancy sensor - PIR | Occupancy sensor - HFD | Daylight sensor |
|------------------------|------------------------|-----------------|
| | | |



TRANS

Mounting Brackets

| Bracket | Code | Description | Dimensions |
|---------------------|------|--|---|
| EMB-500 CULUSTED | E | Fixture External The EMB-500 is a mounting bracket for mounting the sensor with indoor lighting fixture through a 1/2" knockout hole. | 46mm(1.81") |
| PMB-500 CULUSTED US | P | IP-66 Fixture External The PMB-500 is a mounting bracket for mounting the sensor with IP-66 lighting fixtures or outdoor pole mount through a 1/2" knockout hole. | 90mm(3.54") 89mm(3.5") |
| SMB-500 CUIL US | S | Ceiling Surface The SMB-500 is a mounting bracket designed to mount the sensor on the surface of hard lid ceiling with or without junction box. Mounting on the surface of lighting fixture is also available. | 38mm(1.5") Ø110mm(4.33") |
| CMB-500 CULUSTED US | С | Junction Box The CMB-500 is a ceiling mounting bracket designed to mount the sensor with an octagonal or square junction box. | Ø111mm(4.37") 7mm(0.28") † |
| RMB-500 | R | Ceiling Recess The RMB-500 is for recess mounting the sensor through a 70mm (2.8") hole on the ceiling. | 42mm(1.65") Ø90mm(3.54") |
| IMB-500 | I | Fixture Internal The IMB-500 is a mounting bracket exclusively designed for mounting the HFD sensor inside of an OEM lighting fixture. | 67mm(2.64") 81.5mm(3.21") 96mm(3.78") |
| LMB-500 | L | Ceiling Recess The LMB-500 is a bracket for recess mounting the sensor through a 70mm (2.8") hole with a tool removable back cover for cable connection. | Ø90mm(3.54") |

Accessories

| Accessory | Description | Dimensions |
|-----------------------|---|--|
| EMA-500 | Extension Mounting Adaptor The EMA-500 is an extension mounting adaptor for lowering the position of E-mount sensor to avoid the coverage being blocked by the fixture body. | 24mm (0.94") 40mm(1.57") 65mm(2.56") |
| EJ-30 / EJ-50 / EL-40 | Extension Joint The EJ-30, EJ-50 and EL-40 are extension joints that can be used to extend the E/P mount sensor position for 30, 40 and 50 mm. Combine the joints if longer extention is required. For outdoor use, order EJ-30F, EJ-50F or EL-40F. | a EJ-30 30mm(1.18") b EJ-50 50mm(1.97") c EL-40 40mm(1.57") |

