

MONT BLANC METRIC



Commercial LED Lighting

Center Basket Troffer | 595x595, 595x1195, 1500x500 mm

The Mont Blanc is a Centre Basket Troffer that offers superior LED placement for lighting. Available in various sizes: 595x595 mm, 595x1195 mm, 1500x500 mm with switchable CCT and power options. It provides flexibility in terms of brightness and color temperature for any installation, with efficacy up to 130 LPW.

Applications: Commercial Office Spaces | Healthcare | Schools | Retail Merchandising Areas.

| | DATE | QTY | ACC. QTY | TYPE |
|--------------|------|-----|----------|------|
| PROJECT | | | | |
| PN | | | | |
| ACCESSORY PN | | | | |
| NOTES | | | | |



DYNAMIC MENU

| | |
|--------------------------------------|------------------------|
| Ordering Guide | Page 2 |
| Dimensions | Page 3 |
| Control | Page 6 |
| Photometric Data | Page 8 |
| Install Instructions | |



SPECIFICATIONS

| | | |
|--------------------------------|--|-----------|
| Input Voltage | 120-277/347V | |
| Power Factor | >0.9 | |
| Total Harmonic Distortion | <20% | |
| Dimming page 2 | 0-10V Dimming | |
| CRI | 80 CRI | |
| CCT | <div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #fff9c4; display: flex; align-items: center; justify-content: center;">30K</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #fff176; display: flex; align-items: center; justify-content: center;">35K</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #fff9c4; display: flex; align-items: center; justify-content: center;">40K</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #bbdefb; display: flex; align-items: center; justify-content: center;">50K</div> </div> | |
| Lumens Per Watt | 130LPW 125LPW - 2x5' | |
| Power | 1500x500 mm | 24/30/36W |
| | 595x1195 mm | 24/36/45W |
| | 1500x500 mm | 30/40/50W |
| Ambient Temperature Range | -25°C to 40°C | |
| Distribution | 120° | |
| Mounting options | Recessed -T grid | |

PRODUCT FEATURES



PRODUCT CERTIFICATIONS



SYSTEM WARRANTY – 5 YEARS

Eralux will warrant defective drivers, LEDs and boards for 5 years from the date of purchase. This warranty is valid only if the fixture is installed and used as per installation guides and specifications. If a defect is present, Eralux will send drivers and boards at no fee with a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE – L70 at 50,000 hours

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).



ORDERING GUIDE

| | | | | | | | |
|--|---|-------------------|--------------------|--|--|--|--|
| AE-RC-MBCA | | LB | N | 35/40/50 | | | |
| AE-RC-MBCA ERALUX Mont Blanc Center Basket Troffer 120-277/347V | 22M 595x595 mm 24/30/36W 3,120/3,900/4,680lm 24M 595x1195 mm 24/36/45W 3,120/4,680/5,850lm 1500 1500x500 mm 30/40/50W 3,360/4,480/5,600lm | LB 120° | N 80 CRI | 35/40/50 3500/4000/5000K selectable | 010 0-10V MS1 Motion Sensor | WH White WH-AR White Air Return slots | [BLANK] No Option AWN^R2 AWN^{RS}3 |

| | | | | | | | |
|-----------------------|-------------|---------------------|------------|------------|----------------|---------------|----------------|
| Fixture Family | Size | Distribution | CRI | CCT | Control | Finish | Options |
|-----------------------|-------------|---------------------|------------|------------|----------------|---------------|----------------|

1. 8W battery: 90 minutes. EMBB is external and requires to be field installed.
2. Lutron Smart Control: Lutron Athena Wireless Node integral fixture control (RF only)
3. Lutron Smart Control with Sensor: Lutron Athena Wireless Node integral fixture control (RF with daylight and occupancy sensing)

DIMMER COMPATIBILITY LIST

0-10V Dimming

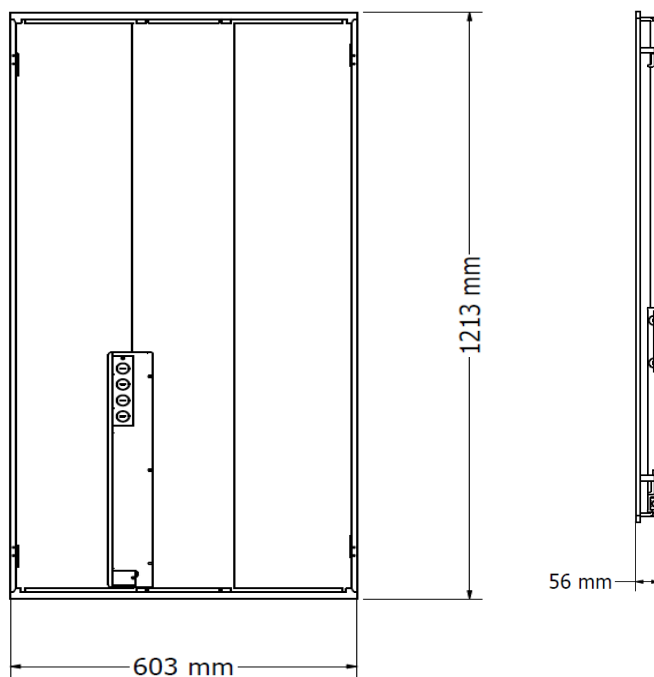
| Brand | Model |
|---------|-------------|
| LEVITON | IP710-LFZ |
| | DS710 |
| LUTRON | DVS7V-WH |
| | MS-Z101 |
| HUBBLE | LHDIRS3N |
| EATON | WBSD-010SLD |
| LEGRAND | RH4FBL3PTC |

DIMENSIONS

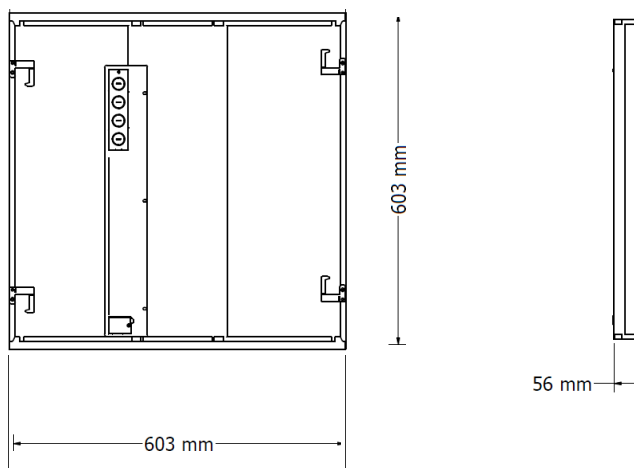
TOP VIEW
MONT BLANC -STANDARD

THICKNESS

AE-RC-MBCA24M

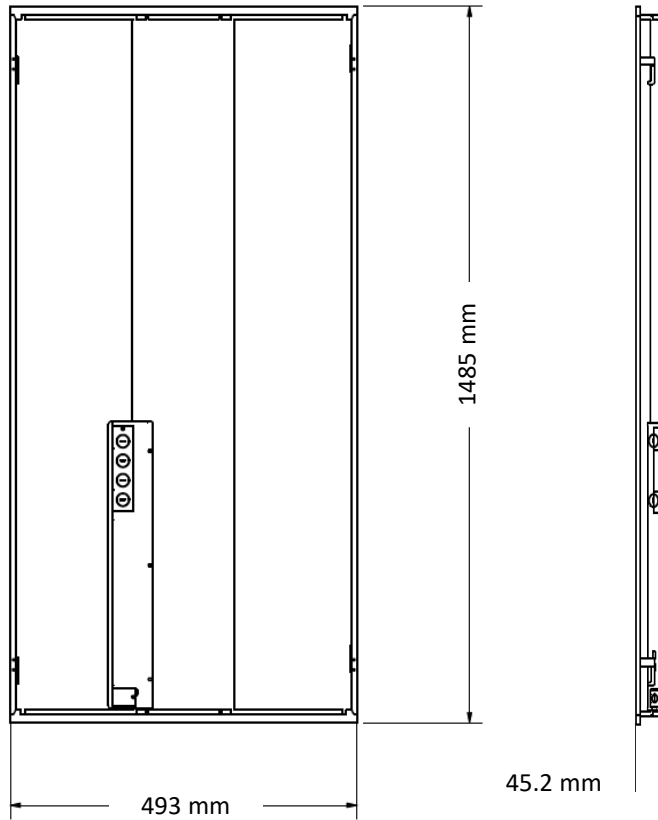


AE-RC-MBCA22M



DIMENSIONS

| TOP VIEW MONT BLANC -STANDARD | THICKNESS |
|----------------------------------|-----------|
| AE-RC-MBCA1500 | |



CONTROLS

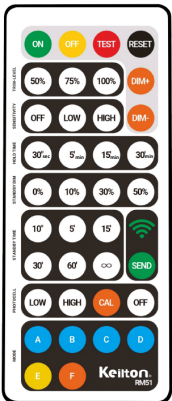
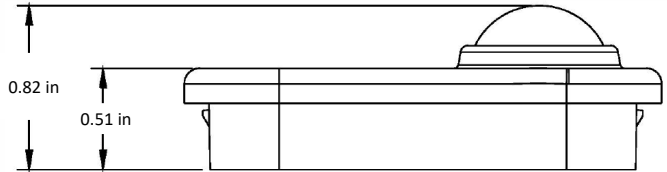
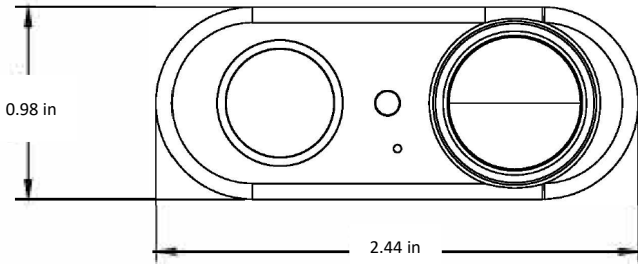
Bi-Level PIR Motion Sensor - IFS06R

AE-RC-APB-XXWXX-28CDS
(Comes with fixture)



The IFS06R is a compact PIR (Passive Infrared) sensor that combines motion detection with daylight control. It works with 0-10V dimming LED drivers to enable automatic lighting, turning fixtures on and off based on occupancy and available daylight. The built-in photocell allows for dusk-to-dawn operation, keeping lights on overnight even without motion. In daylight harvesting mode, it automatically adjusts electric lighting to maintain the perfect balance with natural light. It's ideal for low-profile fixtures and supports simple push-button connections.

| SPECIFICATIONS | |
|-----------------------|--------------------|
| Input Voltage | 12V DC |
| IP Rated | IP20 |
| Mounting Height | 23 Feet max |
| | 7 Meters |
| Detection Range | 10 Meters |
| | 32 Feet |
| Standby Power | <0.5W |
| Operating Temperature | -30°C to 55°C |
| Installation | Fixture integrated |



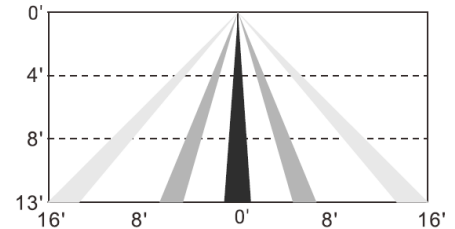
Remote control:

AE-SF-JB-MOTIONSENSOR-RMT

Comes with 6 default modes with different options:

- Trim-level (Dimming % when turned on)
- Sensitivity (Sensor sensitivity to movement)
- Hold time (Time before the fixture goes to standby mode)
- Standby dim percentage (Dimming % when no movement)
- Standby time (Time before the fixture turns off after standby)
- Photocell (Sensitivity for the lumens adjustment to natural light)

Microwave motion sensor coverage



CONTROL ACCESSORIES

Ordered separately, field installed

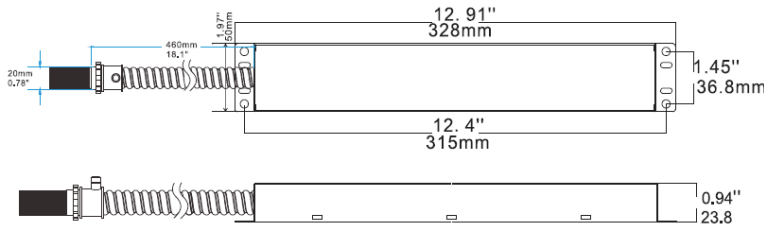
EMERGENCY BATTERY BACK UP

BLD-HM8D-YYY



The BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90 minutes of lighting. With an integrated battery, charger, and converter, it delivers 6-25W constant power at 170VDC. Ideal for 0-10V dimmable indoor commercial LED fixtures, such as flat panels, troffers, downlights, and linear strip lights.

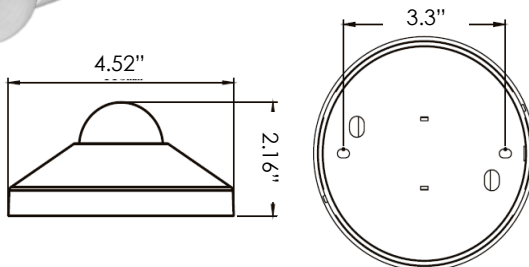
| SPECIFICATIONS | |
|---------------------|---------------|
| Input Voltage | 100-347 Vac |
| Power Frequency | 50/60HZ |
| Input Power | 8W max |
| Output Voltage | 170V Dc |
| Output Power | 8W |
| Ambient Temperature | 0°C to 50°C |
| | 30°F to 122°F |
| Installation | Remote |



ROOM OCCUPANCY SENSOR

| PART NUMBER | DESCRIPTION |
|-------------|---------------------------------|
| AE-CT-DT806 | Detecta - Room Occupancy Sensor |
| RC102 | RC102 Remote Control |

| SPECIFICATIONS | | |
|-----------------|------------------|-------|
| Input Voltage | 120-277 Vac | |
| Power Frequency | 50/60HZ | |
| Rated Load | At 120 Vac | 800W |
| | At 277 Vac | 1200W |
| Detection Range | 3-10 Meters | |
| | 9.8- 32.8 Feet | |
| Standby Power | ~0.9W | |
| Time Setting | 10 sec to 30 min | |
| Light Control | 10-2,000LUX | |
| Installation | Ceiling Mounted | |



LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, as shown below:

LUMEN ESTIMATE ADJUSTMENT FACTORS

| CCT | 3500K | 4000K | 5000K |
|-------|-------|-------|-------|
| 80CRI | 0.97 | 1 | 1.03 |

PHOTOMETRIC DATA

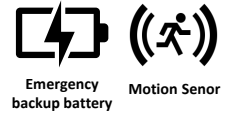
| PART NUMBER | | ZONAL LUMEN SUMMARY | | | POLAR LUMINOUS INTENSITY | CONE DISTRIBUTION | | |
|----------------------|-------|---------------------|---------|-----------|--------------------------|--|---------|---------|
| AE-RC-MBCA-22MLBNXX | | Zone | Lumens | % Fixture | | Center Beam Fc | | |
| Wattage | 36W | 0-20° | 590.69 | 13.2 | | Beam Width | | |
| CCT | 3500K | 0-30° | 1246.09 | 27.8 | | Illuminance at a Distance Center Beam fc Beam Width | | |
| Distribution | 120° | 0-40° | 2025.42 | 45.2 | | 0.83M | 218 fc | 2.38 M |
| | | 0-60° | 3532.61 | 78.9 | | 1.67M | 54.4 fc | 4.76 M |
| | | 0-80° | 4375.2 | 97.7 | | 2.50M | 24.2 fc | 6.73 M |
| | | 0-90° | 4460.75 | 99.6 | | 3.33M | 13.6 fc | 8.97 M |
| | | | | | | 4.17M | 8.7 fc | 11.21 M |
| | | | | | | 5.00M | 6.05 fc | 13.45 M |
| | | | | | | ■ Vert. Spread: 106.8° ■ Horiz. Spread: 110.0° | | |
| AE-RC-MBCA-24MLBNXX | | Zone | Lumens | % Fixture | | Center Beam Fc | | |
| Wattage | 45W | 0-20° | 755.84 | 12.9 | | Beam Width | | |
| CCT | 4000K | 0-30° | 1596.62 | 27.3 | | Illuminance at a Distance Center Beam fc Beam Width | | |
| Distribution | 120° | 0-40° | 2599.12 | 44.4 | | 0.83M | 279 fc | 2.41 M |
| | | 0-60° | 4552.07 | 77.8 | | 1.67M | 69.4 fc | 4.83 M |
| | | 0-80° | 5700.45 | 97.4 | | 2.50M | 30.9 fc | 6.97 M |
| | | 0-90° | 5828.24 | 99.6 | | 3.33M | 17.3 fc | 9.30 M |
| | | | | | | 4.17M | 11.1 fc | 11.62 M |
| | | | | | | 5.00M | 7.72 fc | 13.94 M |
| | | | | | | ■ Vert. Spread: 108.7° ■ Horiz. Spread: 110.8° | | |
| AE-RC-MBCA-1500LBNXX | | Zone | Lumens | % Fixture | | Center Beam Fc | | |
| Wattage | 50W | 0-20° | 720.37 | 12.1 | | Beam Width | | |
| CCT | 4000K | 0-30° | 1530.98 | 25.6 | | Illuminance at a Distance Center Beam fc Beam Width | | |
| Distribution | 120° | 0-40° | 2513.56 | 42.1 | | 0.83M | 264 fc | 2.91 M |
| | | 0-60° | 4498.4 | 75.3 | | 1.67M | 65.9 fc | 5.82 M |
| | | 0-80° | 5778.76 | 96.7 | | 2.50M | 29.3 fc | 8.73 M |
| | | 0-90° | 5972.25 | 99.9 | | 3.33M | 16.5 fc | 9.73 M |
| | | | | | | 4.17M | 10.5 fc | 12.15 M |
| | | | | | | 5.00M | 7.33 fc | 14.58 M |
| | | | | | | ■ Vert. Spread: 111.1° ■ Horiz. Spread: 120.4° | | |

OVERVIEW



Innovative Design

- Aluminum die-cast Frame
- Enhanced quality diffuser ensures high efficiency light output for a clean, evenly illuminated surface



Emergency backup battery

Motion Sensor



Multiple Selections

- Power Switchable.
- Three CCTs options available.



★ ★ ★ Features

- Air return feature; Improves heat dissipation through the holes.
- Lutron smart control.



Tests And Certifications

