

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.

eralux®

DATE

QTY

ACC. QTY

TYPE

PROJECT

PN

ACCESSORY PN

NOTES



DYNAMIC MENU

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SPECIFICATIONS

Input Voltage	120-347V	
Power Factor	>0.9	
Total Harmonic Distortion	<20%	
Dimming page 2	0-10V Dimming	
CRI	80 CRI	
CCT	<div><div>30K</div><div>35K</div><div>40K</div><div>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 120-347Vac	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 EM ¹ Emergency Battery Backup	WH White WH-AR White Air Return slots	[BLANK] No Option AWN ² AWNRS ³
Fixture Family	Size	Distribution	CRI	CCT	Control	Finish	Options

1. 8W battery: 90 minutes
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

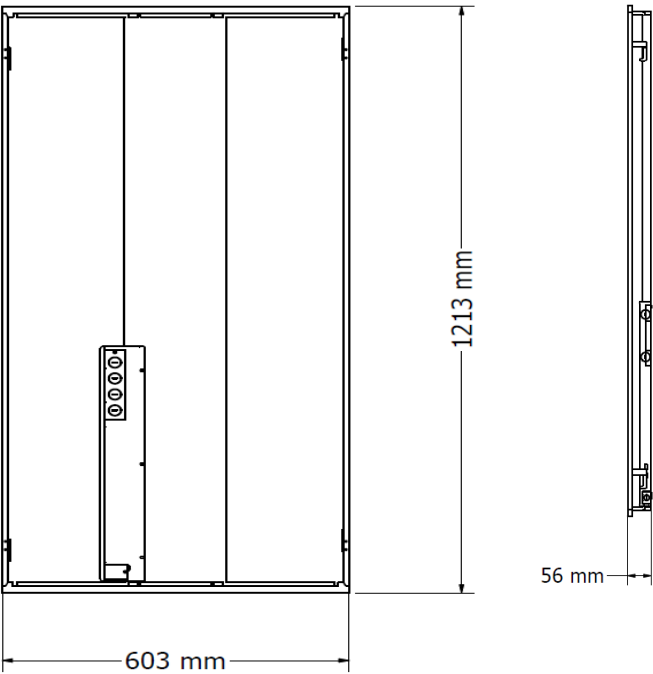
Brand	Model
LEVITON	IP710-LFZ
	DS710
LUTRON	DVS7V-WH
	MS-Z101
HUBBLE	LHDIRS3N
EATON	WBSD-010SLD
LEGRAND	RH4FBL3PTC

DIMENSIONS

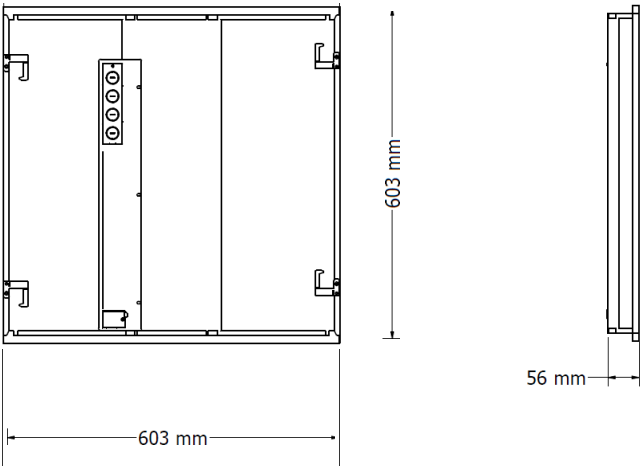
TOP VIEW
MONT BLANC - STANDARD

THICKNESS

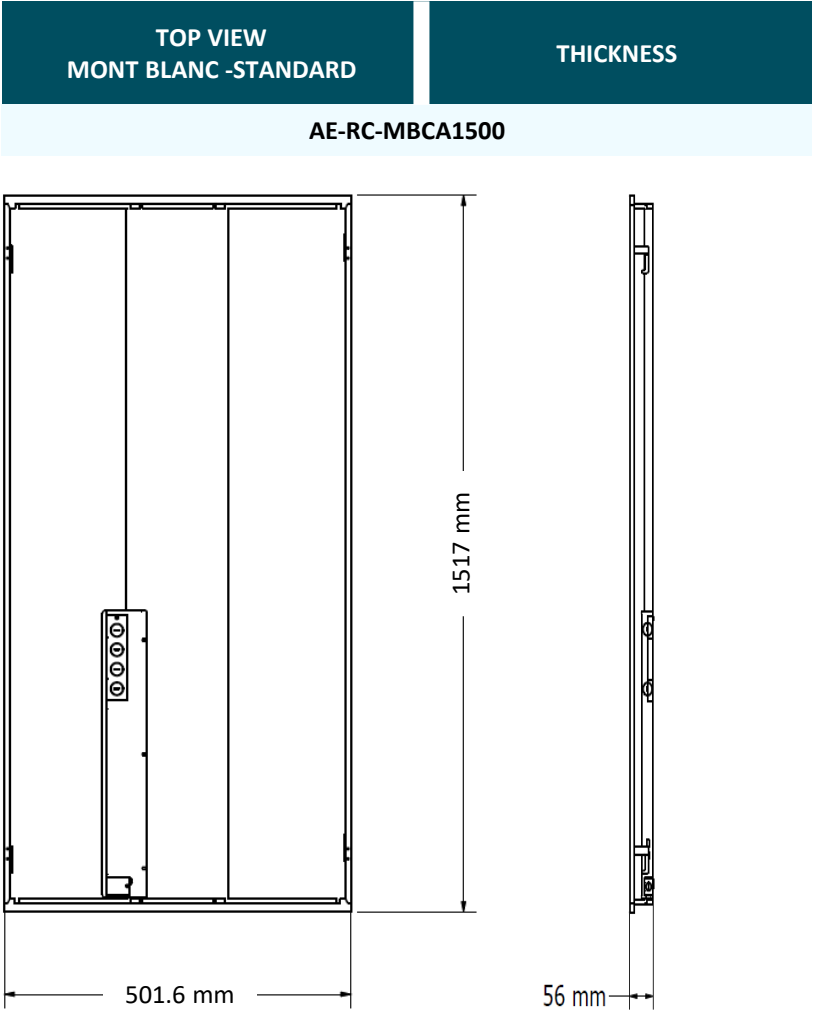
AE-RC-MBCA24M



AE-RC-MBCA22M



DIMENSIONS



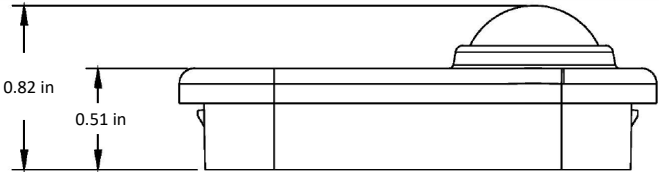
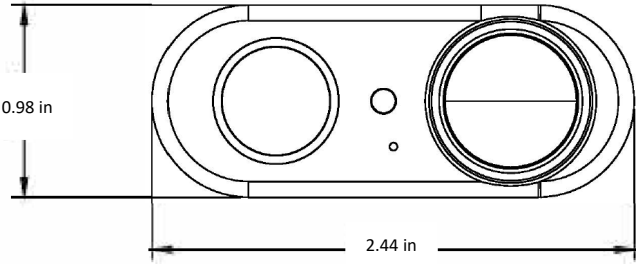
CONTROLS

Bi-Level PIR Motion Sensor - IFS06R
AE-RC-APB-XXWXX-28CDS
(Comes with fixture)

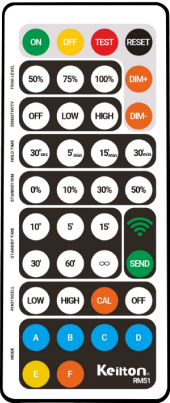
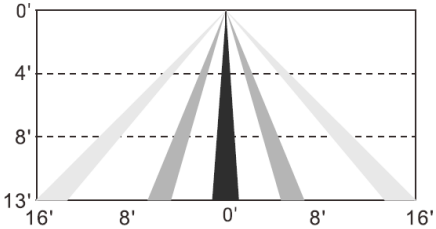


The IFS06R is a compact PIR (Passive Infrared) sensor that combines motion detection with daylight control. It works with 0-10V dimming LED drivers to enable automatic lighting, turning fixtures on and off based on occupancy and available daylight. The built-in photocell allows for dusk-to-dawn operation, 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



Microwave motion sensor coverage



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)

CONTROL ACCESSORIES

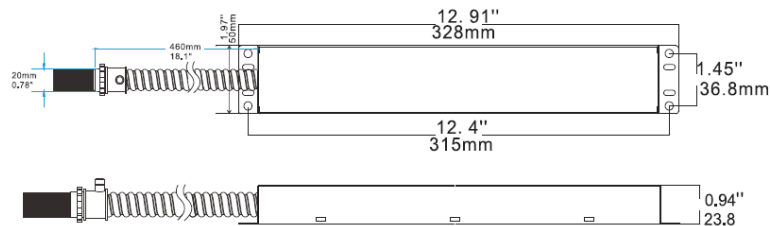
Ordered separately, field installed

EMERGENCY BATTERY BACK UP

BLD-HM8D-YYY

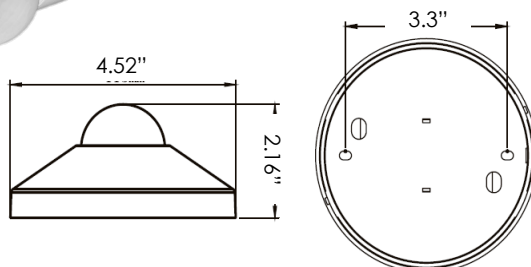


The BLD-HMXXD-YYY series LED Emergency Driver is UL listed for field and factory installations. It switches to emergency mode during power failures, providing up to 90 minutes of lighting. With an integrated battery, charger, and converter, it delivers 6-25W constant power at 170VDC. Ideal for 0-10V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



ROOM OCCUPANCY SENSOR

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



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

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	

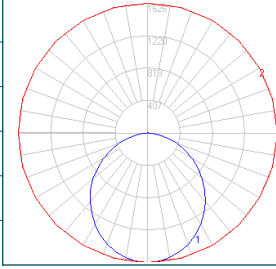
LUMEN ESTIMATE

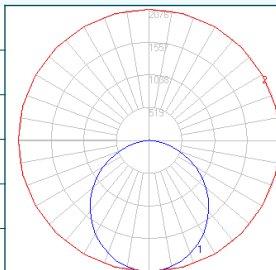
Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, as shown below:

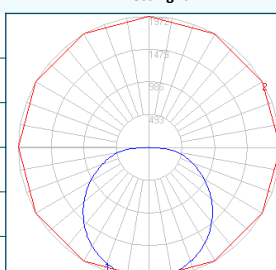
LUMEN ESTIMATE ADJUSTMENT FACTORS

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	Direct Light	Center Beam Fc	Beam Width
Wattage	36W	0-20°	590.69	13.2		Illuminance at a Distance Center Beam Fc Beam Width 0.83M 218 fc 2.24 M 2.38 M 1.67M 54.4 fc 4.49 M 4.76 M 2.50M 24.2 fc 6.73 M 7.14 M 3.33M 13.6 fc 8.97 M 9.52 M 4.17M 8.7 fc 11.21 M 11.90 M 5.00M 6.05 fc 13.45 M 14.28 M ■ Vert. Spread: 106.8° ■ Horiz. Spread: 110.0°	
CCT	3500K	0-30°	1246.09	27.8			
Distribution	120°	0-40°	2025.42	45.2			
		0-60°	3532.61	78.9			
		0-80°	4375.2	97.7			
		0-90°	4460.75	99.6			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION	
AE-RC-MBCA-24MLBNXX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width
Wattage	45W	0-20°	755.84	12.9		Illuminance at a Distance Center Beam Fc Beam Width 0.83M 279 fc 2.32 M 2.41 M 1.67M 69.4 fc 4.65 M 4.83 M 2.50M 30.9 fc 6.97 M 7.24 M 3.33M 17.3 fc 9.30 M 9.66 M 4.17M 11.1 fc 11.62 M 12.07 M 5.00M 7.72 fc 13.94 M 14.48 M ■ Vert. Spread: 108.7° ■ Horiz. Spread: 110.8°	
CCT	4000K	0-30°	1596.62	27.3			
Distribution	120°	0-40°	2599.12	44.4			
		0-60°	4552.07	77.8			
		0-80°	5700.45	97.4			
		0-90°	5828.24	99.6			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION	
AE-RC-MBCA-1500LBNXX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width
Wattage	50W	0-20°	720.37	12.1		Illuminance at a Distance Center Beam Fc Beam Width 0.83M 264 fc 2.43 M 2.91 M 1.67M 65.9 fc 4.86 M 5.82 M 2.50M 29.3 fc 7.29 M 8.73 M 3.33M 16.5 fc 9.73 M 11.65 M 4.17M 10.5 fc 12.15 M 14.56 M 5.00M 7.33 fc 14.58 M 17.46 M ■ Vert. Spread: 111.1° ■ Horiz. Spread: 120.4°	
CCT	4000K	0-30°	1530.98	25.6			
Distribution	120°	0-40°	2513.56	42.1			
		0-60°	4498.4	75.3			
		0-80°	5778.76	96.7			
		0-90°	5972.25	99.9			

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

