MONT BLANC

eralux®

Commercial LED Lighting

Center Basket Troffer | 1x4, 2x2, 2x4, 2x5

The Mont Blanc is a Centre Basket Troffer that offers superior lighting for your application. Available in various sizes: 1x4' with single CCT and single power, 2x2', 2x4' and 2x5'. 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

SPECIFICATIONS

Input Voltage	120-347V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Dimming page 9	0-10V Dimming
CRI	80 CRI
CCT	30K 35K 40K 50K
Lumens Per Watt	130LPW 115LPW - 2x5'
Power	1X4' — 36W 2X2' — 24|30|36W 2X4' — 24|36|45W 2X5' — 30|40|50W
Ambient Temperature Range	-25˚C to 40˚C
Distribution	120˚
Mounting options page 5	Surface Mount Suspended Recessed- Gypsum Recessed -T grid

PRODUCT FEATURES

LUTRON OEM ADVANTAGE

Emergency backup battery **Motion Senor**

PRODUCT CERTIFICATIONS

5 YEARS WARRANTY eralux · RoHS · c ETL us INTERTEK LISTED · DLC LISTED · DLC LISTED PREMIUM

Design Lights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified" page 9

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).

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ORDERING GUIDE

AE-RC-MBCA						

AE-RC-MBCA	**14**	**36**	**N**	**35**	**0-10**	**WH**
ERALUX Mont Blanc Center Basket Troffer	1x4'	36 W | 4,680 lm	80 CRI	3500K	0-10V	White
				40	**MS1**	**WH-AR**
120-347Vac				4000K	Motion Sensor	White Air Return slots
				50	**EM**[1]	
				5000K	Emergency Battery Backup	

Fixture Family	Size	Power	CRI	CCT	Control	Finish

AE-RC-MBCA							

AE-RC-MBCA	**22|24**	**LB**	**N**	**30**	**0-10**	**WH**	**[BLANK]**
ERALUX Mont Blanc Center Basket Troffer	2x2'|24W|3,120lm	120°	80 CRI	3000K	0-10V	White	No Option
	22|30			**35**		**WH-AR**	**AWNR**[2]
120-347Vac	2x2'|30W|3,900lm			3500K		White Air Return slots	**AWNRS**[3]
	22|36			**40**			**[MS]**
	2x2'|36W|4,680lm			4000K			Motion Sensor
	24|24			**50**			**[EM]**[1]
	2x4'|24W|3,120lm			5000K			Emergency Battery Backup
	24|36						
	2x4'|36W|4,680lm						
	24|45						
	2x4'|45W|5,850lm						
	25|30						
	2x5'|30W|3,360lm						
	25|40						
	2x5'|40W|4,480lm						
	25|50						
	2x5'|50W|5,600lm						

Fixture Family	Size| Power	Distribution	CRI	CCT	Control	Finish	Options

NOTES	1. 8W battery: 90 minutes available for all sizes.
	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)
	4. 2x5' is applicable only on 35/40/50K CCT

| **NOTES** | For more aesthetic look suspension and surface mount kit can be ordered together |

ORDERING GUIDE - ACCESSORIES

AE-RC-M	**BGYPK**	**1X4**		**AE-RC-MB**	**-HK**[1]
ERALUX Commercial Mounting Options	Gypsum Kit	1x4'		ERALUX Commercial Mounting Options	Hanging Kit
	BSMK-	**2X2**			
	Surface Mount Kit-2" thickness	2x2'			
	SMK-	**2X4**			
	Surface Mount Kit-3" thickness	2x4'			

Fixture Family	**Mounting Option**	**Size**	**Fixture Family**	**Mounting Option**

DIMENSIONS

TOP VIEW MONT BLANC -STANDARD	**TOP VIEW MONT BLANC – AIR RETRURN**	**THICKNESS**

AE-RC-MBCA-14
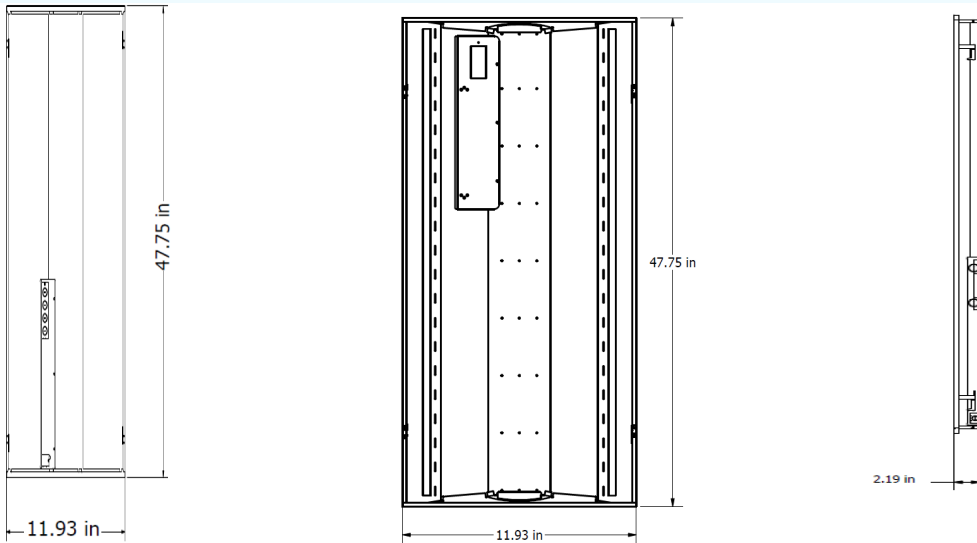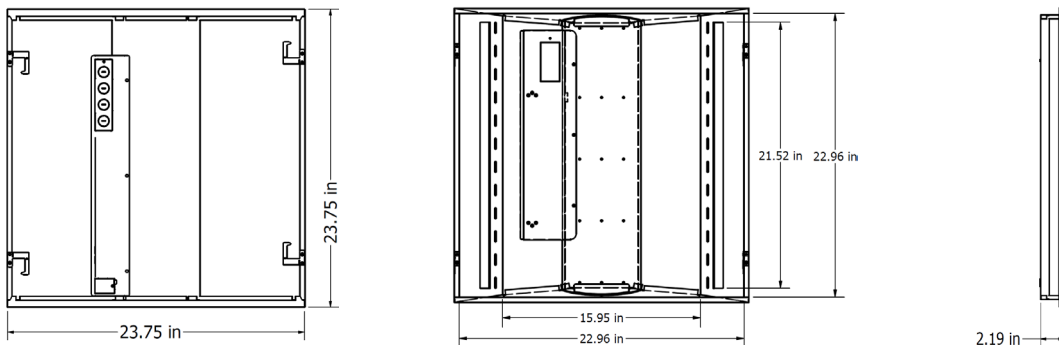
47.75 in · 11.93 in · 47.75 in · 11.93 in · 2.19 in

AE-RC-MBCA-22

23.75 in · 23.75 in · 21.52 in · 22.96 in · 15.95 in · 22.96 in · 2.19 in

MONT BLANC

Commercial LED Lighting
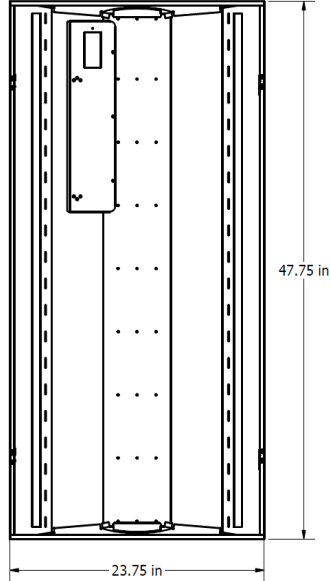
Center Basket Troffer | 1x4, 2x2, 2x4, 2x5

DIMENSIONS

TOP VIEW MONT BLANC -STANDARD	TOP VIEW MONT BLANC – AIR RETRURN	THICKNESS

AE-RC-MBCA-24

47.75 in · 23.75 in · 47.75 in · 23.75 in · 2.19 in

AE-RC-MBCA-25

59.57 in · 19.75 in · 59.57 in · 19.75 in · 2.19 in
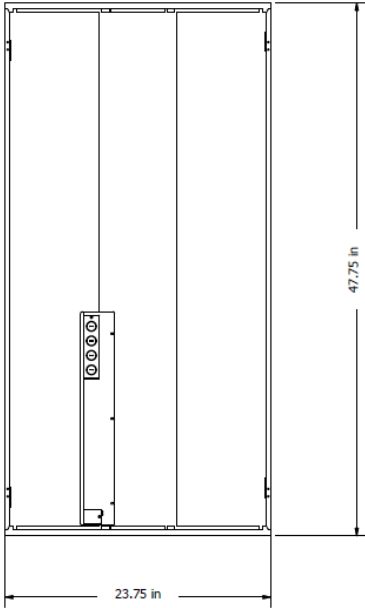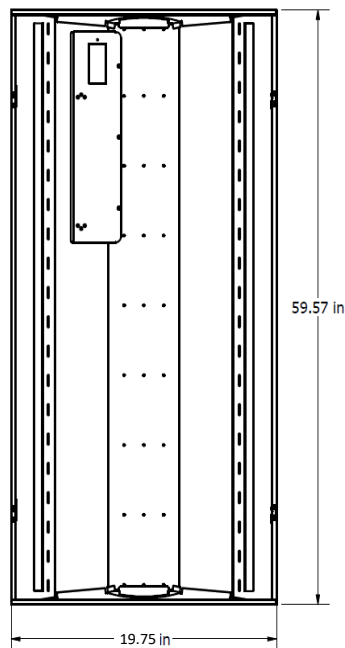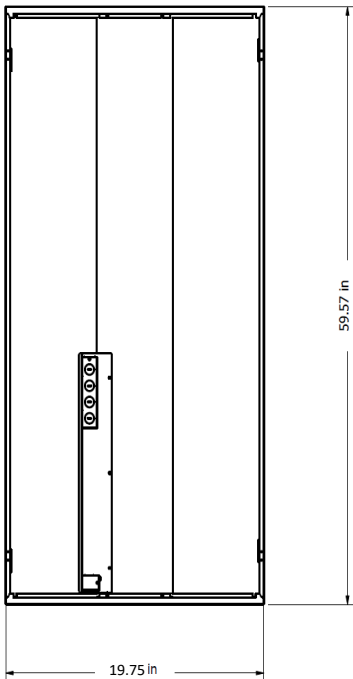
MOUNTING ACCESSORIES

Ordered separately, field installed

GYPSUM KIT

Recessed Gypsum

ORDERING CODE	DIMENSIONS		
	LENGTH	WIDTH	HEIGHT
AE-RC-MBGYPK1X4	49.1''	25.1''	1.5''
AE-RC-MBGYPK2X2	25.1''	25.1''	1.5''
AE-RC-MBGYPK2X4	49.1''	13.3''	1.5''

SURFACE MOUNT KIT
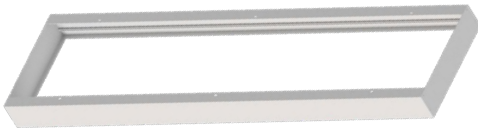
OPTIONS	ORDERING CODE	DIMENSIONS		
		LENGTH	WIDTH	HEIGHT
Option 1 2"- thickness	AE-RC-MBSMK-1X4	48''	12.2''	2''
	AE-RC-MBSMK-2X2	24''	24''	2''
	AE-RC-MBSMK-2X4	48''	24''	2''
Option 2 3"- thickness	AE-RC-MSMK-1X4	48''	12.2''	2.91"
	AE-RC-MSMK-2X2	24''	24"	2.91"
	AE-RC-MSMK-2X4	48''	12.2"	2.91"

SUSEPENSION KIT

ORDERING CODE	QUANTITY	DESCRIPTION	LENGTH
AE-RC-MB-HK	3 pieces/set	Galvanized aircraft cable	4'

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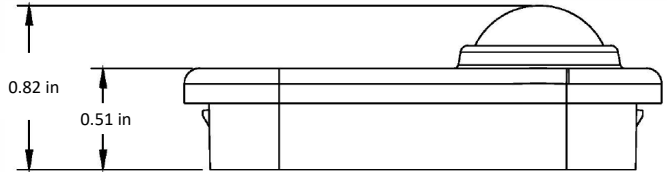**Center Basket Troffer | 1x4, 2x2, 2x4, 2x5**

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CONTROLS

Bi-Level PIR Motion Sensor - IFS06R

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

| 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

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 lighting to maintain the perfect balance with natural light. It's ideal for low-profile fixtures and supports simple push-button connections.

0.98 in

2.44 in

0.82 in

0.51 in

Microwave motion sensor coverage
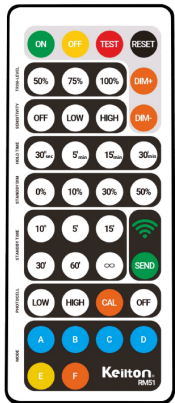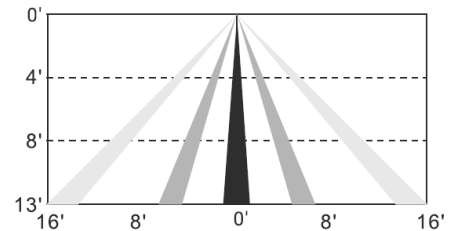
Remote control:

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)
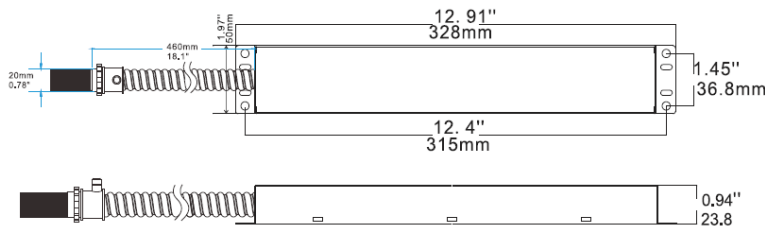- Photocell (Sensitivity for the lumens adjustment to natural light)

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CONTROL ACCESSORIES

EMERGENCY BATTERY BACK UP

BLD-HM8D-YYY

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

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

Ordered separately, field installed

PART NUMBER	DESCRIPTION
AE-CT-DT806	Detecta - Room Occupancy Sensor
RC102	RC102 Remote Control
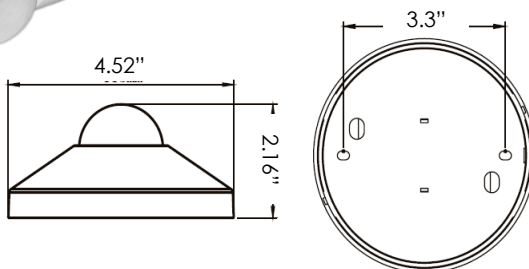
SPECIFICATIONS		
Input Voltage	120-277 Vac	
Power Frequency	50/60HZ	
Rated Load	At 120 Vac	800W
	At 277 Vac	1200W
Detection Range	3-10 Meters	
	9.8- 32.8 Feet	
Standby Power	~0.9W	
Time Setting	10 sec to 30 min	
Light Control	10-2,000LUX	
Installation	Ceiling Mounted	

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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	3000K	3500K	4000K
80CRI	0.94	0.97	1

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-RC-MBCA-14LBNXX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width	
Wattage	36W	0-20°	589.62	13.10		577 fc	4.8 ft	4.8 ft
CCT	3500K	0-30°	1245.43	27.80		153 fc	9.2 ft	9.3 ft
Distribution	120˚	0-40°	2027.62	45.20		66.7 fc	14.0 ft	14.0 ft
		0-60°	3545.9	79.10		37.2 fc	18.7 ft	18.8 ft
		0-80°	4398.64	98.10		24.2 fc	23.2 ft	23.3 ft
		0-90°	4464.59	99.50		16.7 fc	28.0 ft	28.1 ft

Vert. Spread: 108.9°
Horiz. Spread: 109.1°

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-RC-MBCA-22LBNXX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width	
Wattage	36W	0-20°	590.69	13.2		563 fc	4.6 ft	4.9 ft
CCT	3500K	0-30°	1246.09	27.8		149 fc	8.9 ft	9.4 ft
Distribution	120˚	0-40°	2025.42	45.2		65.1 fc	13.5 ft	14.3 ft
		0-60°	3532.61	78.9		36.2 fc	18.0 ft	19.1 ft
		0-80°	4375.2	97.7		23.6 fc	22.3 ft	23.7 ft
		0-90°	4460.75	99.6		16.3 fc	26.9 ft	28.6 ft

Vert. Spread: 106.8°
Horiz. Spread: 110.0°

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-RC-MBCA-24LBNXX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width	
Wattage	45W	0-20°	755.84	12.9		718 fc	4.7 ft	4.9 ft
CCT	4000K	0-30°	1596.62	27.3		191 fc	9.2 ft	9.6 ft
Distribution	120˚	0-40°	2599.12	44.4		83.1 fc	13.9 ft	14.5 ft
		0-60°	4552.07	77.8		46.3 fc	18.7 ft	19.4 ft
		0-80°	5700.45	97.4		30.1 fc	23.1 ft	24.0 ft
		0-90°	5828.24	99.6		20.8 fc	27.9 ft	29.0 ft

Vert. Spread: 108.7°
Horiz. Spread: 110.8°

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION		
AE-RC-MBCA-25LBNXX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width	
Wattage	50W	0-20°	720.37	12.1		682 fc	5.0 ft	5.9 ft
CCT	4000K	0-30°	1530.98	25.6		181 fc	9.6 ft	11.5 ft
Distribution	120˚	0-40°	2513.56	42.1		78.8 fc	14.6 ft	17.5 ft
		0-60°	4498.4	75.3		43.9 fc	19.5 ft	23.4 ft
		0-80°	5778.76	96.7		28.6 fc	24.2 ft	29.0 ft
		0-90°	5972.25	99.9		19.7 fc	29.2 ft	34.9 ft

Vert. Spread: 111.1°
Horiz. Spread: 120.4°

DLC MODELS

DLC MODEL	PRODUCT ID
AE-RC-MBCA2224N35/40/50010WH[EM,MS,BM,2.4G,Blank]	S-UJS38P
AE-RC-MBCA2230N35/40/50010WH[EM,MS,BM,2.4G,Blank]	S-KCPBNE
AE-RC-MBCA22LBN35/40/50010WH[EM,MS,BM,2.4G,Blank]	S-XKYWRV
AE-RC-MBCA2424N35/40/50010WH[EM,MS,BM,2.4G,Blank]	S-O4BXZJ
AE-RC-MBCA2436N35/40/50010WH[EM,MS,BM,2.4G,Blank]	S-6S8LFU
AE-RC-MBCA24LBN35/40/50010WH[EM,MS,BM,2.4G,Blank]	S-YH4LOB
AE-RC-MBCA25LBN35/40/50010WH	S-89G2SX

DIMMER COMPATIBILITY LIST

0-10V Dimming

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

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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 Senor**

Multiple Selections

- 1x4', 2x2', 2x4', and 2x5' sizes.
- Three CCT options available.

Features

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

Tests And Certifications

RoHS ETL LISTED c US

5 YEARS WARRANTY eralux   UL CERTIFIED LOOK FOR THE UL MARK FOR DETAILS   DLC LISTED PREMIUM   LUTRON OEM ADVANTAGE

Mounting Options

- Surface Mount
- Gypsum
- Suspended
- Suspended with surface mount kit
- Recessed -T grid