

MONT BLANC 1X4

RECESSED COMMERCIAL LUMINAIRES

Volumetric troffer



The Mont Blanc 1X4 series is an ideal solution for anyone looking to minimize waste, reduce install time and a revitalized ceiling. This product differentiates itself through its ease of install and access for maintenance. The Mont Blanc 1x4 This enables customization on site during final installation and provides an unparalleled level of flexibility.

eralux®



120-347V



DATE				
PROJECT NAME				
TYPE				
QTY				
ORDERING CODE	AE-RC-MBCA1436N			

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-347Vac
POWER FACTOR	0.9
DIMMING	0-10V
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER WATT	~130 LPW at 80CRI
POWER	36W
DISTRIBUTION	Lambertian

MECHANICAL & HOUSING

HOUSING	22-gauge painted sheet metal
LENS	Polycarbonate diffuser ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare while maintaining minimal thickness
FINISH	White
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	Light emitted source

APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	-25°C to 40°C
PROTECTION	NON-IC rated
CERTIFICATION	DLI, ETL certified

COMPATIBLE MOUNTING

MOUNTING	DX, DXT grid, surface Mount, GYP Mounting
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WARRANTY

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

EXAMPLE: AE-RC-MBCA1436N35010WH

FIXTURE FAMILY	VOLTAGE	SIZE	POWER	CRI	CCT	CONTROL	FINISH
AE-RC-MB	CA	14	36	N			
AE-RC-MB ERALUX Mont Blanc EVOLVE recessed commercial office volumetric troffer	CA 120-347Vac	14 1 x 4 feet	36 36 Watts	N Normal 80 CRI	35 3500K	010 0-10V external dimming down to 10%	WH White
					40 4000K		
					50 5000K		MS1 Motion Sensor

LUMEN ESTIMATE

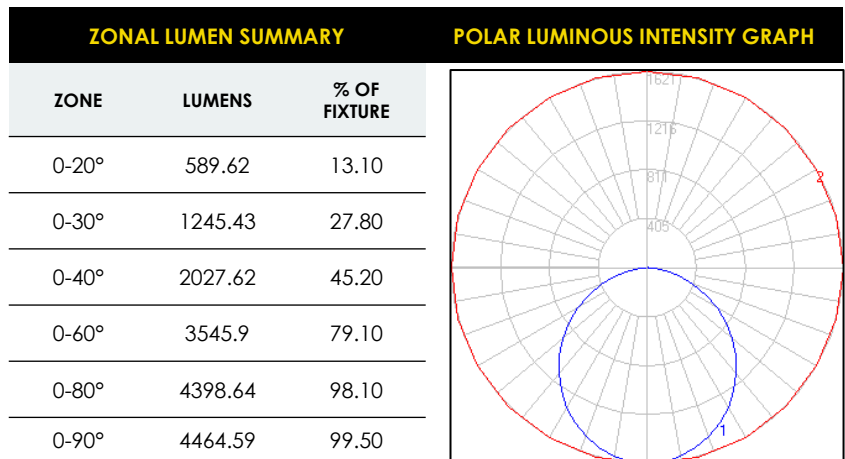
Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

Lumen estimate adjustment factors				
CCT	2700K	3000K	3500K	4000K
NORMAL (80CRI)	0.91	0.94	0.97	1

PHOTOMETRIC DATA

AE-RC-MBCA1436N35010WH (36W
3500K)

3500K CCT
1 FT * 4 FT
36 WATTS



MONT BLANC 1X4

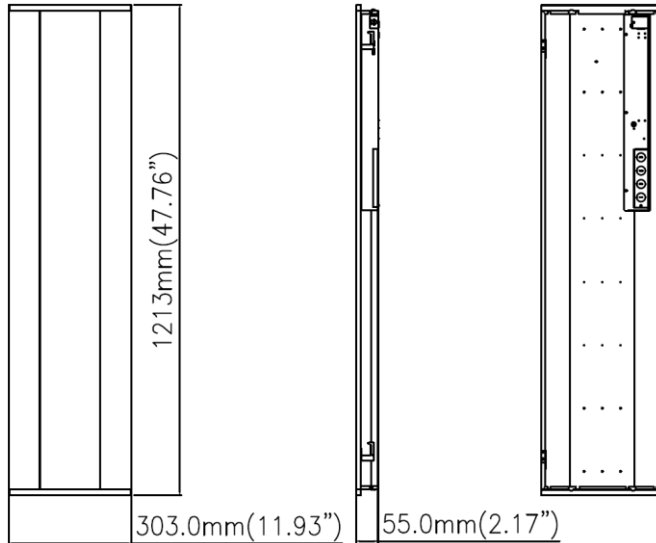
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PRODUCT DIMENSIONS

AE-RC-MBCA14-



ACCESSORIES

Ordered separately, field installed

SURFACE MOUNT KIT

Housing

AE-RC-MBSMK1X4

Constructed of 6063 extruded aluminum
1X4 SURFACE MOUNT KIT



DIMMER COMPATIBILITY LIST

0-10V Dimmer
LEGRAND RH4FBL3PTC
LUTRON DVS7V-WH
LEVITON IP710-LFZ

0-10V Dimmer
EATON WBSD-010SLD
LEVITON DS710
LUTRON MS-Z101
HUBBEL LHDIRS3N

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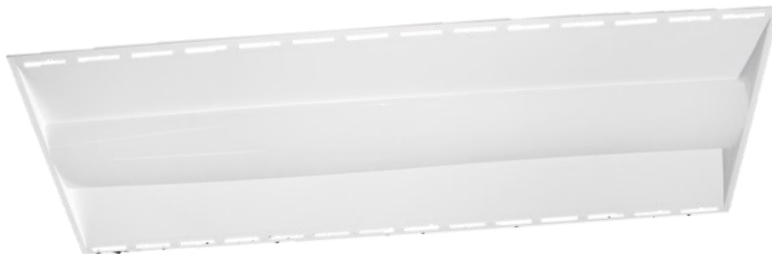
OVERVIEW

1 x 4 feet
36Watts



OPTION

- AR – AIR RETURN



EASE OF INSTALLATION

Easy installation process provides quick access for maintenance make it desirable for variety kinds of office ceilings.

FLEXIBLE MOUNTING OPTIONS

Choose conventional grid installation, surface mounting installation style or even GYP installation.