

MONT BLANC EVOLVE 20 x 60

RECESSED COMMERCIAL LUMINAIRES

Volumetric Troffer

The Mont Blanc 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 Evolve 20 x 60 features a switchable CCT (3500K, 4000k, OR 5000k) and switchable power levels (3 power levels) for the fixture. This enables customization on site during final installation and provides an unparalleled level of flexibility.

eralux®



DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-RC-MBCA25LBN35/40/50010WH -

OPERATING & ELECTRICAL

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

PERFORMANCE

LUMENS PER WATT	~120 LPW at 80CRI
POWER	30,40,50W
BEAM ANGLE	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

COMPATIBLE MOUNTING

MOUNTING	DX, DXT Grid, surface mount
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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-MBCA25LBN35/40/50010WH-AR

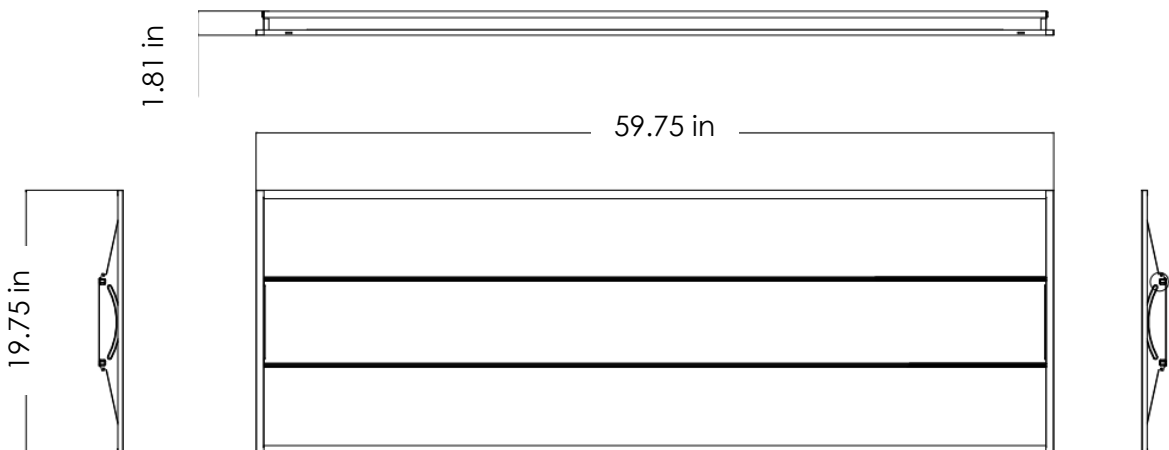
FIXTURE FAMILY	VOLTAGE	SIZE & POWER	DICTRIBUTION	CRI	CCT	CONTROL	FINISH	OPTION
AE-RC-MB	CA	25	LB	N	35/40/50	010	WH	
AE-RC-MB ERALUX Mont Blanc EVOLVE recessed commercial office volumetric troffer	CA 120-347Vac	25 20 x 60 Inches 1.67 x 5 ft 30,40,50 Watts selectable	LB 120° Lambertian distribution	N Normal 80 CRI	35/40/50 3500/4000/5000K selectable CCT	010 0-10V external dimming down to 10%	WH White	- BLANK -AR* Air Return

*see next page for images and dimensions

PRODUCT DIMENSIONS

AE-RC-MBCA25LBN35/40/50010WH

AE-RC-MBCA25LBN35/40/50010WH-AR



MONT BLANC EVOLVE 20 X60

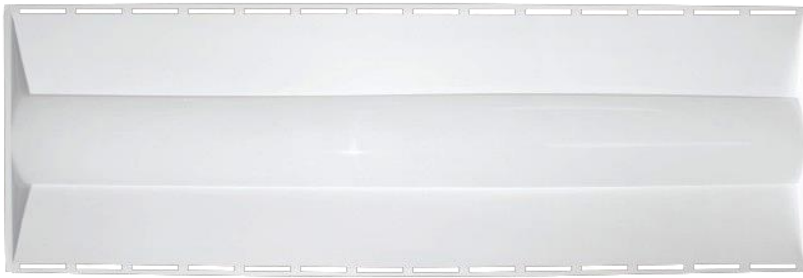
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MONT BLANC AIR RETURN

The Mont Blanc with air return has the same dimensions as the original Mont Blanc with added slots on the sides for air distribution from the ceiling to the room.



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	3000K	3500K	4000K	5000K
PREMIUM (80CRI)	0.94	0.97	1	1.03

MONT BLANC EVOLVE 20 X60

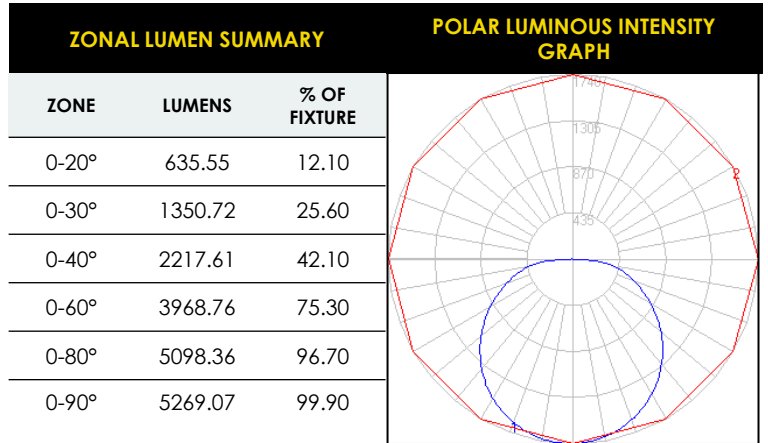
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Volumetric Troffer

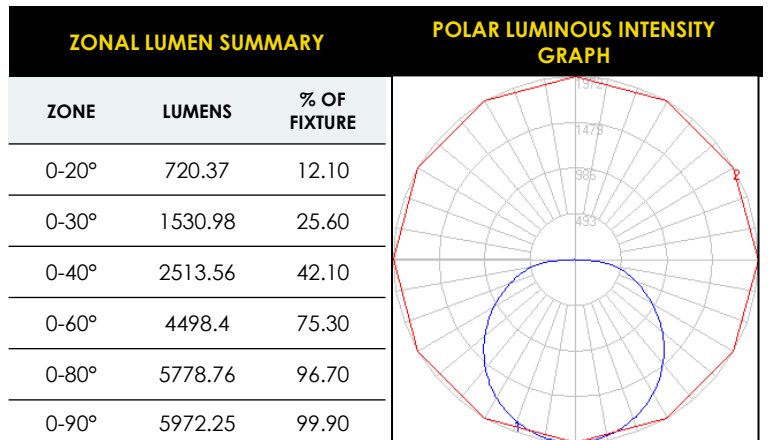
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PHOTOMETRIC DATA

AE-RC-
MBCA25LBN35/40/50010WH
40 WATTS
SELECTABLE CCT: 4000K
20* 60 INCHES



AE-RC-
MBCA25LBN35/40/50010WH
50 WATTS
SELECTABLE CCT: 4000K
20* 60 INCHES



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

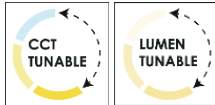
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OVERVIEW



20 x 60 Inches
30,40,50 Watts



OPTION

- AR – AIR RETURN



COLOR SELECTABLE

Use the exposed DIP switch to change between 3 CCT variations from warm to cool light (3500K, 4000K, 5000k) and switchable power levels (3 power levels) for the fixture. This enables customization on site during final installation and provides an unparalleled level of flexibility.

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 or surface mounting installation style with assistance of surface mount kit for 2x5 fixture size.