

THALASSA ECO

OUTDOOR PRODUCTS
SCONE



eralux®



The Thalassa Eco outdoor wall mounted cylindrical LED fixture was created with a sleek design deliberately, so it could blend in with many different outdoor building styles. The Thalassa also has an impressive efficacy of 90 LPW providing performance as well as elegance in the install environment. This product is a complete aluminum die cast offering an unparalleled sense of finesse, fixture strength and quality. It is Power /CCT adjustable in field with multiple design of beam angles..

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-OD-TE-30TCP

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-277 VAC
POWER FACTOR	>0.9
DIMMING	0-10V
TOTAL HARMONIC DISTORTION(THD)	<20%

PERFORMANCE

LUMENS PER WATT	90 LPW ;CR>70
POWER CONSUMPTION	30/20/10W
DISTRIBUTION	Linear Flood Wall Wash

MECHANICAL & HOUSING

HOUSING	Aluminum heat sink , outdoor powder coating
LENS	High reflectance PC and Glass
FINISH	Black, White, Silver
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	COB

APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	-40 °C to 40°C
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COMPATIBLE MOUNTING

MOUNTING	Wall Mount
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PROTECTION	WET RATED
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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 – L85 at 50,000 hours

Rated for 85% 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

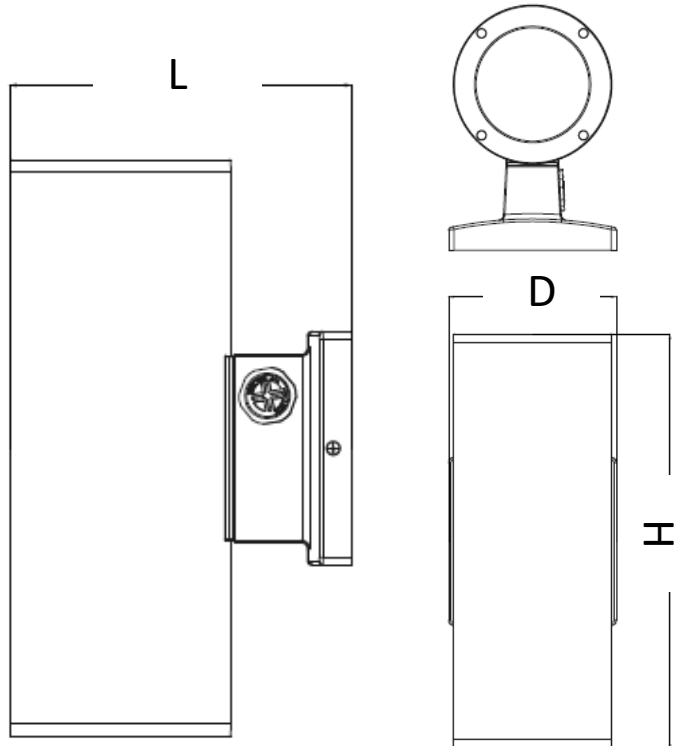
EXAMPLE:AE-OD-TE-30TCPBK-1515D

FIXTURE FAMILY	Shape	CCT	FINISH	Upper Beam angle	Lower Beam Angle	Controls
AE-OD-TE	-30	TCP				
AE-OD-TE ERALUX Thalassa Eco outdoor wall mounted sconce fixture	-30 Power selectable 10/20/30 WATTS	TCP CCT Selectable 30/40/50K	BK Black powder coat finish	15 15° beam angle	15 15° beam angle	D 0-10V Dimming
				23 23° beam angle	23 23° beam angle	
				35 35° beam angle	35 35° beam angle	
			BZ Bronze powder coat finish	45 45° beam angle	45 45° beam angle	EM Emergency Battery Back up
60 60° beam angle	60 60° beam angle					

PRODUCT DIMENSIONS

Round Shape

Length (L)	Diameter (D)	Height (H)
12.25" (314 mm)	5" (127mm)	7.25" (185.5mm)



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ACCESSORIES



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	4000	5000K
PREMIUM (90CRI)	0.96	1	1

PHOTOMETRIC DATA

AE-OD-TE-30TCPBK-1515D
30W
5000K CCT

ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY GRAPH
ZONE	LUMENS	% OF FIXTURE	
0-20°	586.53	35.7	
0-30°	1129.52	68.8	
0-40°	1532.07	93.3	
0-60°	1617.66	98.5	
0-80°	1629.17	99.2	
0-90°	1629.79	99.2	

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ACCESSORIES (Continued)

Ordered separately, field installed

EMERGENCY LED DRIVER (BLD-CM20N-480800-8W)

BLD-CM20N-480800-8W

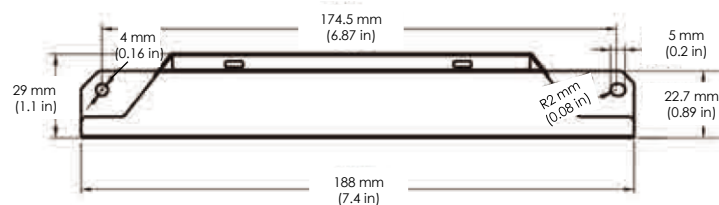
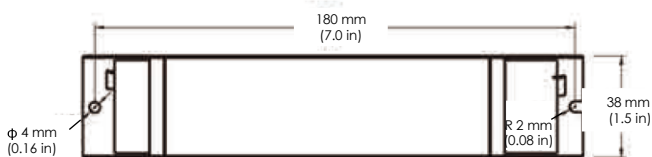
OUTPUT POWER : 8 WATTS



- Easy Wiring
- Certified For CA Title 20
- Constant Power Performance

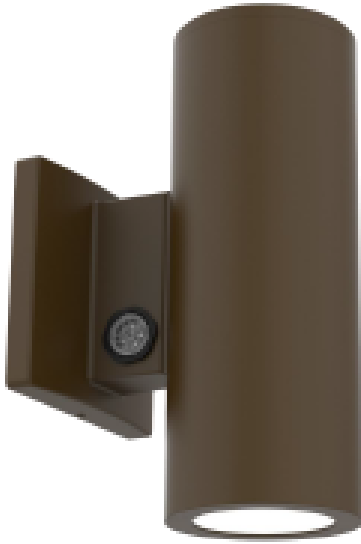
BLD-CM20N-480800-8W LED Emergency Driver is UL listed for field and factory installation that allows the same LED fixture to be used for both normal and emergency operation. In the event of a power failure, the emergency driver switches to emergency mode and operates the fixture for 90 minutes. The unit contains a battery, charge, and converter circuit in a single enclosure. This module will operate a LED array load at 8W with constant power at a rated output voltage of 25-48 VDC. The constant power design of BLD-CM20N-480800-8W maintains the output wattage to the LED array, providing consistent illumination for the entire emergency runtime. Its slim shape is ideal for use indoor or outdoor LED lighting fixtures, such as linear lights, wall packs or sconces, etc.

DIMENSIONS (inches and mm)



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OVERVIEW



ACCESSORIES

Integrated photocell in the fixture leading into higher energy efficiency.

PREMIUM DESIGN & MATERIALS

Aluminum die cast housing for superior thermal heat dissipation, strength, and rigidity. Integrated fin heat dissipation structure built into the fixture's housing provides long lasting LED and driver function.

SELECTIVITY

With selectable on field power and color temperature, this fixture enables you to customize your unique fixture to your project space.