

LUMINA T

Built for harsh conditions, the LUMINA T high bay delivers 150lm/W with power switchable between 500, 400 and 300W and CCT between 3000K, 4000K and 5000K. Robust construction and a standard IP65 rating suit warehouses, manufacturing and pools.

Industrial

Manufacturing

Warehouse

High Bay

Pools



Key Specifications

Electrical

Input voltage	120-277/347V 277-480V
Power factor	>0.9
THD	<20%
Dimming	0-10V
Power	500/400/300W

Optical

CRI	80 CRI
CCT	Switchable 3000/4000/5000K
Efficacy	~150lm/W
Distribution	90°

Physical

Mounting	Hook
Fixture finish	Black
Protection	IP65
Ambient	-40°C to 50°C
Accessories	Emergency battery · Motion sensor

Certifications

Listings	UL · DLC Premium · RoHS
Warranty	5 years
Lumen maintenance	L70 at 50000h

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 thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

Lumen Maintenance

L70 at 50000h

Rated for 70% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

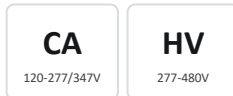
AE-IL-LMT

01 **FIXTURE FAMILY**

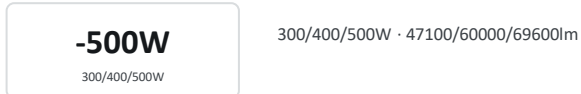


AE-IL-LMT
ERALUX Lumina T High Bay UFO

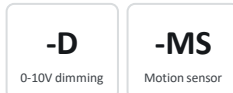
02 **INPUT VOLTAGE**



03 **POWER**



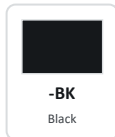
04 **CONTROLS**



05 **CCT**



06 **FINISH**



Emergency battery backup

Assembled Catalog Number

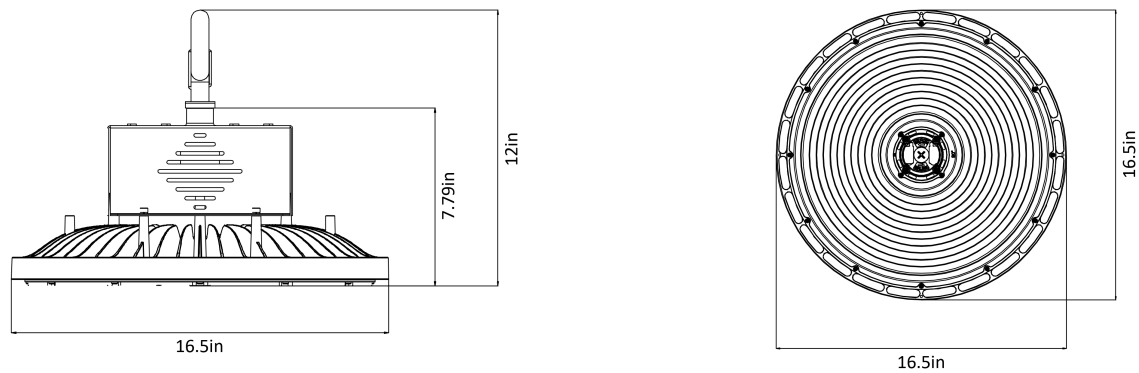
[RESET](#)

01 **EMBB**



1. The EMBB does not come with a remote; order BLD-REMOTECONTROL separately if required. The EMBB is only compatible when the fixture is set at 300W, and the discharge time is 90min only when the fixture is set at 300W.

Dimensions



500W

Overall height	12in
Body height	7.79in
Diameter	16.5in

One size covers the 300W, 400W and 500W power settings; the fixture is power switchable.

DLC Qualified Models & Emergency Driver

DLC qualified models

DLC	PRODUCT ID	MODEL NUMBER	CATEGORY	CLASS
5.1	S-VKYRYW	AE-IL-LMTCA-500W-[D;MS]-3050[WH;BK]	Indoor	Premium
5.1	S-3ZWFSX	AE-IL-LMTHV-500W-[D;MS]-3050[WH;BK]	Indoor	Premium
5.1	S-BVNMQ7	AE-IL-LMTLV-500W-[D;MS]-3050[WH;BK]	Indoor	Premium

Primary use: High-Bay Luminaires for Commercial and Industrial Buildings. Design Lights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified — check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.

Emergency LED driver — BLD-UM40D-YYY · BLD-UM60D-YYY

Ordered separately, field installed: BLD-UM40D-YYY · BLD-UM60D-YYY (remote is optional) / BLD-REMOTECONTROL. The BLD-UMXXX-YYY series LED emergency driver is UL listed for field and factory installation, allowing a single LED fixture to operate in both normal and emergency modes. In case of power failure it powers the fixture for up to 90min, integrating a battery, charger and converter in one unit. Supporting LED loads of 30-60W at 170V DC, its constant power design ensures consistent illumination during emergencies, making it ideal for 0-10V dimmable indoor industrial LED fixtures, such as flat panels, troffers and UFO lights. To test the EMBB, press the button located on the EMBB or order the remote separately to test it remotely.

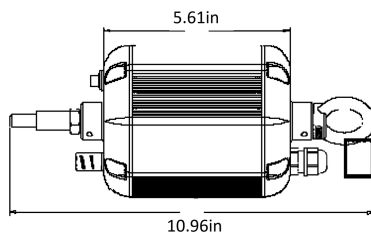
Input voltage	100-347V
Power frequency	50/60Hz
Input power	15W max
Output voltage	170V DC
Output power	40W · 60W
Ambient temp.	5°C to 50°C · 41°F to 122°F
Installation	Remote

The EMBB is only compatible when the fixture is set at 300W.
Discharge time is 90min only when the fixture is set at 300W.

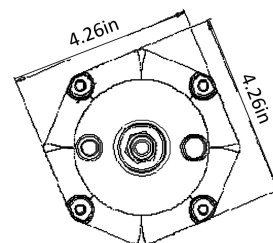
DLC Qualified Models & Emergency Driver (continued)



EMBB installed
BLD-UM60D-YYY with the
BLD-REMOTECONTROL remote.



Side view



End view

Product Overview

Innovative Design

- Aluminum die-cast and heat sink to ensure superior thermal heat dissipation

Multiple Options

- Power switchable 300/400/500W
- 3 CCT selectable; 30/40/50K

Accessories

- EMBB
- Motion sensor

SIZE	POWER	LUMENS
500W	300/400/500W	47100/60000/69600lm

Mountings Available

- Hook mount



Installation: [Install Instruction link](#)

Photometric Data

Lumen Estimate Adjustment Factors

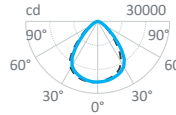
3000K $\times 0.94$ 4000K $\times 1$ 5000K $\times 0.97$

Premium (80 CRI). Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-IL-LMT-CA-500W-X-3050

300W · 3000K

		ZONE	LUMENS	% FIXTURE
		0-20°	9304.14	19.76
Wattage	309.1W	0-30°	19754.37	41.96
CCT	3000K	0-40°	31087.24	66.04
Distribution	90°	0-60°	43447.66	92.30
		0-80°	46419.35	98.61
		0-90°	46599.51	98.99

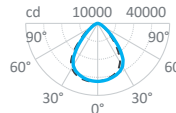


DISTANCE	CENTER Fc	BEAM WIDTH	
15.0ft	112	27.3ft	26.6ft
20.0ft	63.2	36.4ft	35.5ft
25.0ft	40.4	45.5ft	44.4ft
30.0ft	28.1	54.7ft	53.3ft
40.0ft	15.8	72.9ft	71.1ft
50.0ft	10.1	91.1ft	88.8ft
Vert. spread			84.7°
Horiz. spread			83.2°

AE-IL-LMT-CA-500W-X-3050

400W · 3000K

		ZONE	LUMENS	% FIXTURE
		0-20°	11862.73	19.76
Wattage	414W	0-30°	25187.10	41.95
CCT	3000K	0-40°	39641.08	66.03
Distribution	90°	0-60°	55408.27	92.29
		0-80°	59200.23	98.61
		0-90°	59430.46	98.99

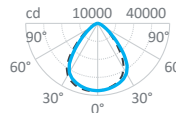


DISTANCE	CENTER Fc	BEAM WIDTH	
15.0ft	143	27.3ft	26.7ft
20.0ft	80.6	36.4ft	35.5ft
25.0ft	51.6	45.5ft	44.4ft
30.0ft	35.8	54.6ft	53.3ft
40.0ft	20.2	72.7ft	71.1ft
50.0ft	12.9	90.9ft	88.9ft
Vert. spread			84.6°
Horiz. spread			83.2°

AE-IL-LMT-CA-500W-X-3050

500W · 3000K

		ZONE	LUMENS	% FIXTURE
		0-20°	13753.65	19.75
Wattage	502.1W	0-30°	29202.52	41.93
CCT	3000K	0-40°	45975.78	66.02
Distribution	90°	0-60°	64277.03	92.30
		0-80°	68673.16	98.61
		0-90°	68938.99	98.99

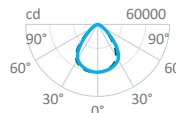


DISTANCE	CENTER Fc	BEAM WIDTH	
15.0ft	166	27.3ft	26.6ft
20.0ft	93.4	36.4ft	35.5ft
25.0ft	59.8	45.5ft	44.4ft
30.0ft	41.5	54.6ft	53.2ft
40.0ft	23.4	72.8ft	71.0ft
50.0ft	15.0	91.0ft	88.7ft
Vert. spread			84.6°
Horiz. spread			83.2°

AE-IL-LMT-CA-500W-X-3050

500W · 5000K

		ZONE	LUMENS	% FIXTURE
		0-20°	14638.51	19.70
Wattage	500.4W	0-30°	31043.21	41.78
CCT	5000K	0-40°	48892.14	65.80
Distribution	90°	0-60°	68528.35	92.22
		0-80°	73275.35	98.61
		0-90°	73561.44	99.00



DISTANCE	CENTER Fc	BEAM WIDTH	
15.0ft	177	27.3ft	26.7ft
20.0ft	99.7	36.5ft	35.6ft
25.0ft	63.8	45.6ft	44.5ft
30.0ft	44.3	54.7ft	53.4ft
40.0ft	24.9	72.9ft	71.2ft
50.0ft	15.9	91.2ft	89.0ft
Vert. spread			84.7°
Horiz. spread			83.3°

Sensors

Bluetooth Sensors ARIA PLUS · BLE

Fixture-integrated sensors

Product	Detection type	Detection range	Bluetooth range	Dimming protocol	Installation
 EFS106-AUX High bay · indoor	PIR	40–80ft	100ft	0-10V Dimming	Plug-in – AUX base

Non-Bluetooth Sensors set up by IR remote

Product	Detection type	Detection range	Set-up	Dimming protocol	Installation
 AE-IL-SB2-CA-MS High bay · IP65 Remote control AE-IL-SB2-CA-REMOTE-CTRL	Microwave	13–40ft	IR remote	0-10V Dimming	Plug-in – sensor port

Please refer to spec sheet for exact specifications for all items above.