

INDUSTRIAL LED LIGHT

Linear High Bay | 75W - 400W

The Trinity Series is offered in several sizes and has several mounting methods to suit your project space. One of the distinctive feature of this fixture is the use of aluminum extrusions to offer the maximum surface area for the heatsinking of the led arrays. This ensures longer lifetime of the fixture while enabling a higher performance.

Application: Industrial, Manufacturing, Warehouse, High-bay Applications.

	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				
ACCESSORY PN				
NOTES				



DYNAMIC MENU

Order Information	Page 2
Dimensions	Page 3
Accessories	Page 4
Photometric Data	Page 6

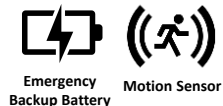
[Install Instruction link](#)

SPECIFICATIONS

Input Voltage	120-277V 347-480V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Dimming	0-10V Dimming
CRI	80 CRI
CCT	40K50K
Lumens Per Watt	~140-150 LPW
Power	75 100 150 200 240 300 400W
Ambient Temperature Range	-40 °C to 50°C
Distribution	90° 120° 50x90°
Mounting Options	Suspended



PRODUCT FEATURES



PRODUCT CERTIFICATIONS



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).

ORDERING GUIDE

AE-IL-TR							-SS
AE-IL-TR ERALUX TRINITY Industrial Fixture Linear High Bay	-75W 11,250 lm	-40 4000K	-UV 120-277 Vac	-220 Compatible with 75W	-90 90° Beam Angle	-0-10V 0-10V Dimming	-SS
	-100W 15,000 lm	-50 5000K	-HV 347-480 Vac	-280 Compatible with 100W	-120 120° Beam Angle	-EM Emergency Battery	
	-150W 22,500 lm			-440 Compatible with 150W	-5090 50°x90° Beam Angle	-MS PIR Motion Sensor	
	-200W 30,000 lm			-560 Compatible with 200W			
	-240W 36,000 lm			-680 Compatible with 240W			
	-300W 45,000 lm			-880 Compatible with 300W			
	-400W 60,000 lm			-1120 Compatible with 400W			
Fixture Family	Power	CCT	Voltage	LED Code	Beam Angle	Controls	Driver

ACCESSORY ORDERING GUIDE

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No EMBB

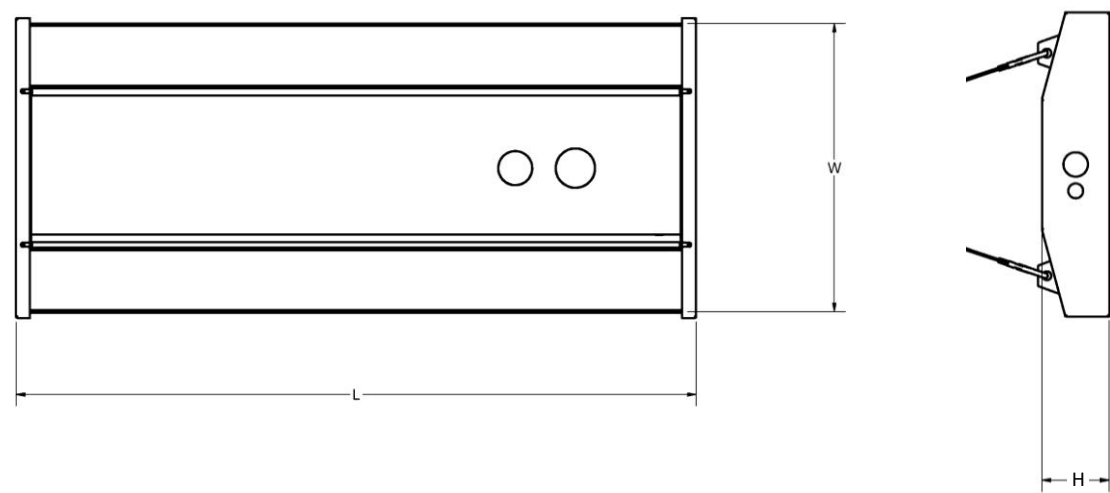
BLD-UM60D-YYY
60W Emergency
Battery Backup

EMBB

1. The EMBB does not come with remote, the remote is ordered separately if required

DIMENSIONS

FIXTURE



POWER	LENGTH	WIDTH	HEIGHT
75	22.7"	10"	2.32"
100	22.7"	10"	2.32"
150	22.7"	10"	2.32"
200	43.1"	10"	2.32"
240	43.1"	10"	2.32"
300	43.1"	10"	2.32"
400	43.1"	14.72"	2.32"

CONTROLS

EMERGENCY LED DRIVER

Ordered separately, field installed

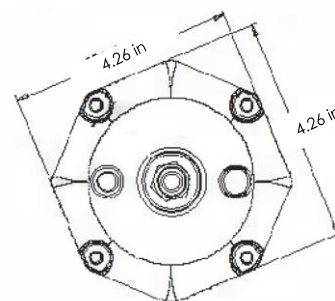
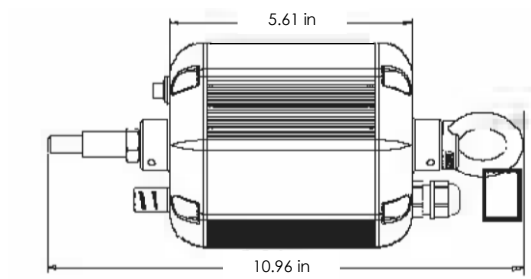
BLD-UM60D-YYY (remote is optional) / BLD-REMOTECONTROL

To test the EMBB; press the button that is located on the EMBB or order the remote separately to test it remotely

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 90 minutes, integrating battery, charger, and converter in one unit. Supporting LED loads of 30-60W at 170VD its constant power design ensures consistent illumination during emergencies, making ideal for 0-10V dimmable indoor industrial LED fixtures, such as flat panels, troffers, or UFO lights.

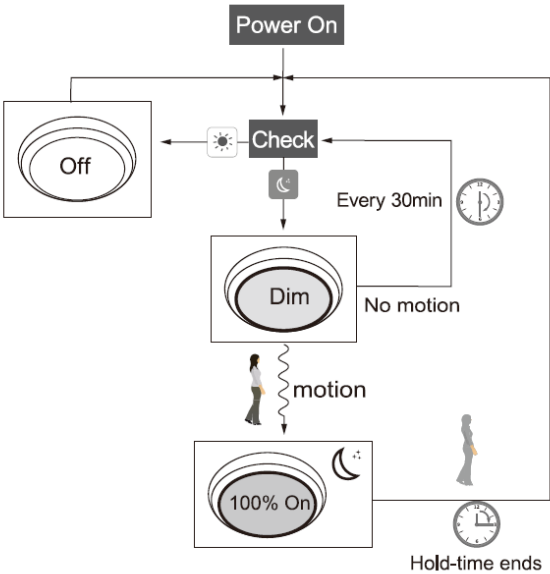
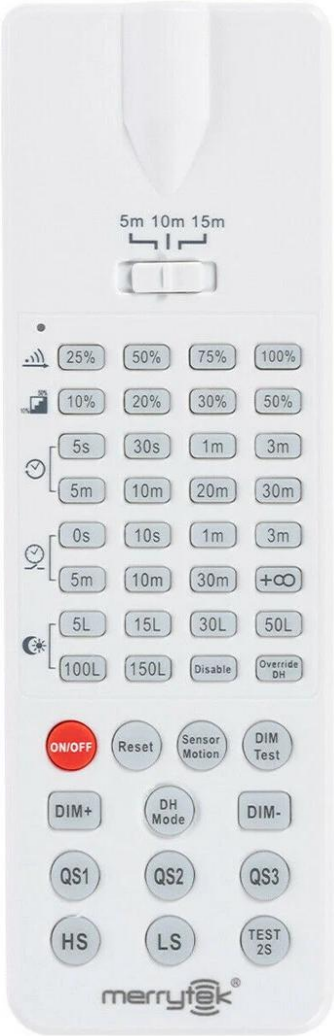


SPECIFICATIONS	
Input Voltage	100-347 Vac
Power Frequency	50/60HZ
Input Power	15W MAX
Output Voltage	170V Dc
Output Power	60W
Ambient Temperature	5°C to 50°C 41°F to 122°F
Installation	Remote

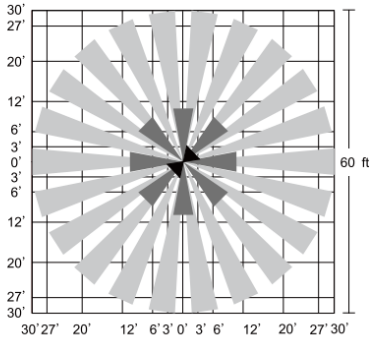
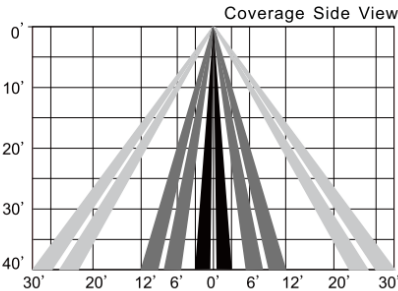


CONTROLS
MOTION SENSOR

DESCRIPTION	PICTURE
Plug in low-voltage PIR Motion Sensor IP65	
Remote control for the motion sensor	



Area Coverage



PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY
AE-IL-TR75W-40-UV-220-120-XX-SS		Zone	Lumens	% Fixture	Direct Light
Wattage	75W	0-20°	1409.92	13.2	
CCT	4000K	0-30°	3013.44	28.3	
Distribution	120°	0-40°	4922.43	46.3	
		0-60°	8561.46	80.4	
		0-80°	10473.57	98.4	
		0-90°	10642.18	100.0	

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY
AE-IL-TR150W-40-UV-220-120-XX-SS		Zone	Lumens	% Fixture	Direct Light
Wattage	150W	0-20°	2903.49	12.8	
CCT	4000K	0-30°	6207.15	27.4	
Distribution	90°	0-40°	10176.61	44.9	
		0-60°	17953.69	79.3	
		0-80°	22304.32	98.5	
		0-90°	22650.12	100.0	

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY
AE-IL-TR200W-40-UV-220-120-XX-SS		Zone	Lumens	% Fixture	Direct Light
Wattage	200W	0-20°	3794.10	12.8	
CCT	4000K	0-30°	8128.36	27.4	
Distribution	90°	0-40°	13360.72	45.0	
		0-60°	23754.82	80.1	
		0-80°	29398.30	99.1	
		0-90°	29670.91	100.0	

OVERVIEW



Innovative Design

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



Mountings Available

- Suspended (Chains)



ACCESSORIES

- EMBB
- Motion Sensor



Emergency
backup battery

Motion Sensor



Tests And Certifications

