

TRINITY

Efficient light for warehouses and manufacturing floors, from 75W to 400W at ~140-150lm/W. TRINITY's die-cast aluminum heat sink and maximum-surface extrusions draw heat from the LED arrays for longer fixture life and higher performance.

Industrial

Warehouse

Manufacturing

High Bay

Emergency Backup Battery

RoHS

UL CERTIFIED
LOOK FOR THE UL MARK FOR DETAILS

5 YEARS WARRANTY
eralux

Project Information

Type: _____ Date: _____

Project: _____

Catalog #: _____

Notes: _____



Key Specifications

Electrical

Input voltage	120-277V 347-480V
Power factor	> 0.9
THD	< 20%
Dimming	0-10V
Power	75 100 150 200W 240 300 400W

Optical

CRI	80 CRI
CCT	4000K · 5000K
Efficacy	~140-150lm/W
Distribution	90° 120° 50x90°

Physical

Mounting	Suspended (chains)
Ambient	-40°C to 50°C
Accessories	Emergency battery · Motion sensor

Certifications

Listings	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-TR

01 **FIXTURE FAMILY**



AE-IL-TR

ERALUX TRINITY industrial fixture, linear high bay

02 **POWER**

75W

11250lm

100W

15000lm

150W

22500lm

200W

30000lm

240W

36000lm

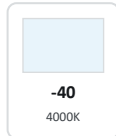
300W

45000lm

400W

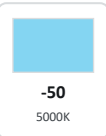
60000lm

03 **CCT**



-40

4000K



-50

5000K

04 **VOLTAGE**

-UV

120-277V

-HV

347-480V

05 **LED CODE**

-220

for 75W

-280

for 100W

-440

for 150W

-560

for 200W

-680

for 240W

-880

for 300W

-1120

for 400W

06 **BEAM ANGLE**

-90

90°

-120

120°

-5090

50 x 90°

07 **CONTROLS**

-0-10

0-10V dimming

-EM

Emergency battery

-MS

PIR motion sensor

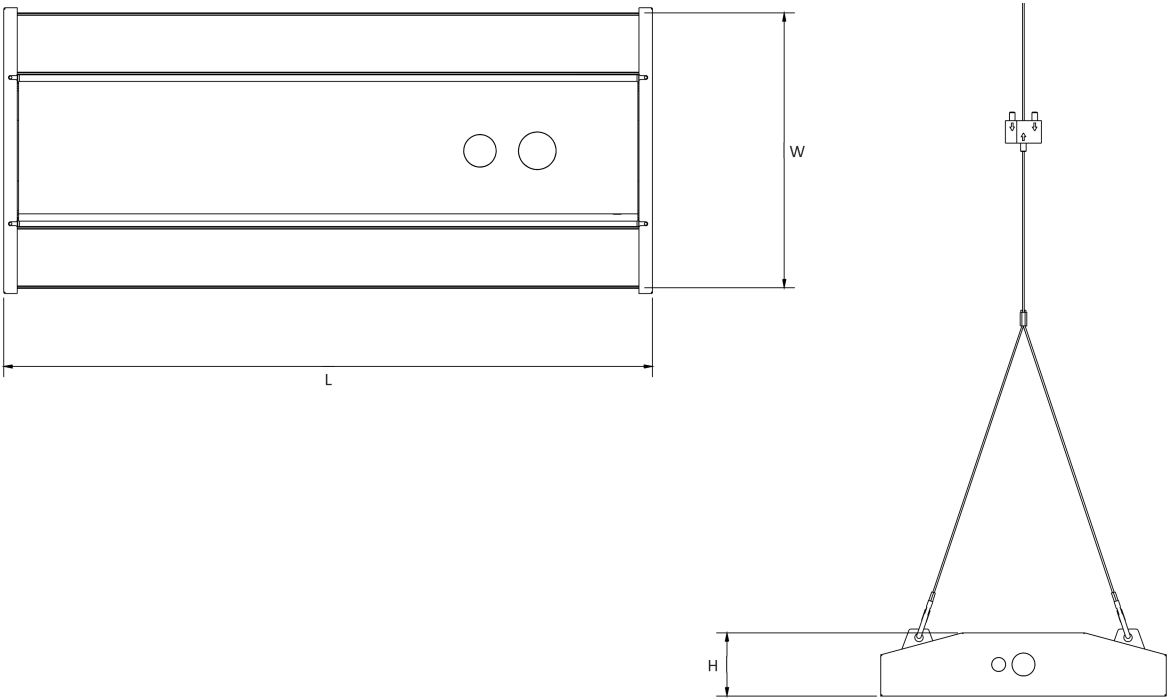
08 **DRIVER**

-SS

Standard

The LED code follows the power: -220 with 75W, -280 with 100W, -440 with 150W, -560 with 200W, -680 with 240W, -880 with 300W and -1120 with 400W. Unavailable combinations grey out as you click. Installation instructions: [Install Instruction link](#)

Dimensions



POWER	LENGTH (L)	WIDTH (W)	HEIGHT (H)
75W	22.7in	10in	2.32in
100W	22.7in	10in	2.32in
150W	22.7in	10in	2.32in
200W	43.1in	10in	2.32in
240W	43.1in	10in	2.32in
300W	43.1in	10in	2.32in
400W	43.1in	14.72in	2.32in

Controls - Emergency Driver

Emergency battery backup - ordering

Assembled Catalog Number

RESET

01 EMBB

Blank

No EMBB

BLD-UM40D-YYY

40W emergency
battery backup ¹

BLD-UM60D-YYY

60W emergency
battery backup ¹

1. The EMBB does not come with a remote; order BLD-REMOTECONTROL separately if required.

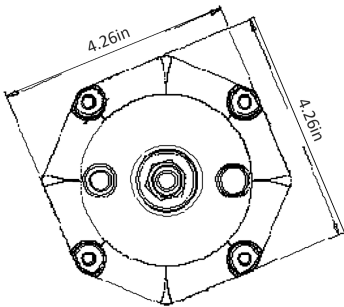
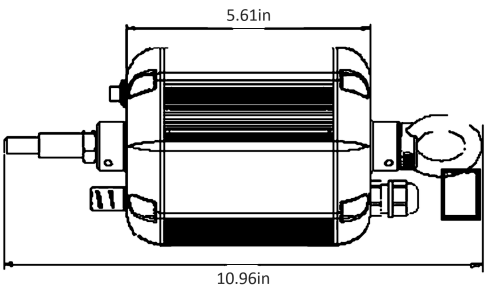
Emergency LED driver — BLD-UM40D-YYY · BLD-UM60D-YYY

Ordered separately, field installed. 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. It supports 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 on the driver, or order BLD-REMOTECONTROL separately to test it remotely.



EMBB installed, with the optional BLD-REMOTECONTROL

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



Controls - Motion Sensor



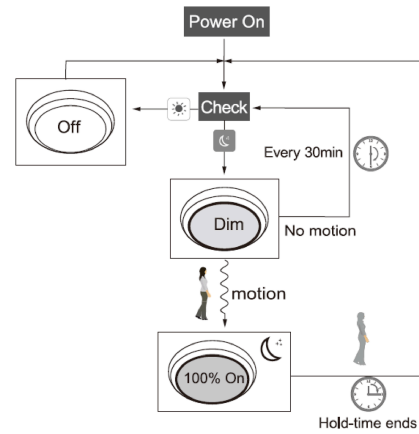
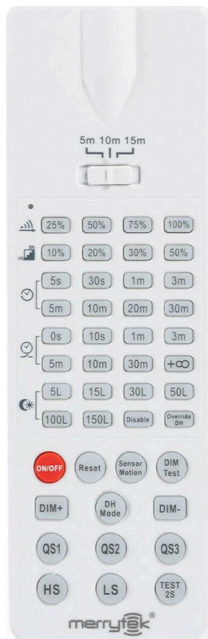
PIR motion sensor

Plug in low-voltage PIR motion sensor, IP65. Order code -MS.

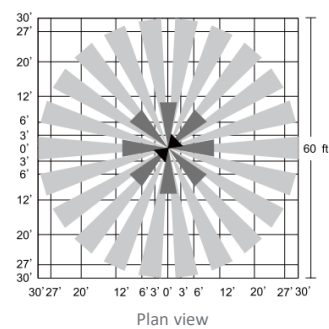
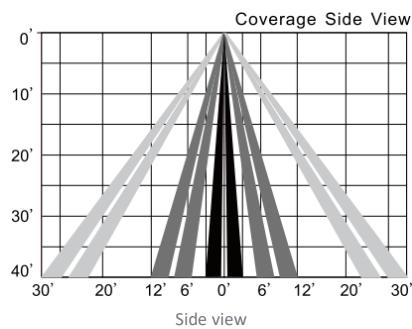


Remote control

Remote control for the motion sensor.



Area coverage



Photometric Data

AE-IL-TR75W-40-UV-220-120-XX-SS

75W • 4000K • 120°

AE-IL-TR75W-40-UV-220-120-XX-SS				ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH	
75W · 4000K · 120°				0-20°	1411.14	12.93		10.0ft	37.0	30.1ft	23.8ft
Wattage	75.9W	0-30°	3017.44	27.64	15.0ft	16.4	45.1ft	35.6ft			
CCT	4000K	0-40°	4935.41	45.21	20.0ft	9.25	60.2ft	47.5ft			
Distribution	120°	0-60°	8646.84	79.21	25.0ft	5.92	75.2ft	59.4ft			
		0-80°	10656.17	97.61	30.0ft	4.11	90.2ft	71.3ft			
		0-90°	10913.49	99.97	40.0ft	2.31	120.3ft	95.0ft			
						Vert. spread			112.8°		
								Horiz. spread		99.8°	

AE-IL-TR150W-40-UV-440-120-XX-SS

150W • 4000K • 120°

AE-IL-TR150W-40-UV-440-120-XX-SS					DISTANCE	CENTER Fc	BEAM WIDTH		
150W · 4000K · 120°		ZONE	LUMENS		% FIXTURE				
		0-20°	2905.83		12.45	10.0ft	76.2	34.2ft	24.3ft
Wattage	150.1W	0-30°	6214.42		26.63	15.0ft	33.9	51.3ft	36.4ft
CCT	4000K	0-40°	10203.36		43.73	20.0ft	19.0	68.4ft	48.5ft
Distribution	120°	0-60°	18190.32		77.96	25.0ft	12.2	85.5ft	60.7ft
		0-80°	22883.26		98.07	30.0ft	8.47	102.6ft	72.8ft
		0-90°	23330.05		99.98	40.0ft	4.76	136.7ft	97.1ft
					Vert. spread			119.3°	
					Horiz. spread			101.0°	

AE-IL-TR200W-50-UV-560-120-XX-SS

200W • 5000K • 120°

AE-IL-TR200W-50-UV-560-120-XX-SS					DISTANCE	CENTER Fc	BEAM WIDTH		
		ZONE	LUMENS	% FIXTURE					
		0-20°	3797.48	12.35		10.0ft	99.4	34.9ft	24.8ft
Wattage	201W	0-30°	8138.25	26.47		15.0ft	44.2	52.4ft	37.2ft
CCT	5000K	0-40°	13394.89	43.56		20.0ft	24.9	69.8ft	49.5ft
Distribution	120°	0-60°	24063.45	78.26		25.0ft	15.9	87.3ft	61.9ft
		0-80°	30081.78	97.83		30.0ft	11.0	104.7ft	74.3ft
		0-90°	30738.64	99.97		40.0ft	6.21	139.7ft	99.1ft
							Vert. spread		
						Horiz. spread		102.2°	

AE-IL-TR300W-40-UV-880-120-XX-SS

300W • 4000K • 120°

AE-IL-TR300W-40-UV-880-120-XX-SS				ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH	
300W · 4000K · 120°											
				0-20°	5227.34	12.29		10.0ft	137	33.8ft	24.7ft
Wattage	299W			0-30°	11184.55	26.29		15.0ft	60.9	50.7ft	37.1ft
CCT	4000K			0-40°	18386.19	43.22		20.0ft	34.3	67.6ft	49.5ft
Distribution	120°			0-60°	32862.67	77.25		25.0ft	21.9	84.5ft	61.8ft
				0-80°	41452.92	97.44		30.0ft	15.2	101.4ft	74.2ft
				0-90°	42529.26	99.97		40.0ft	8.56	135.1ft	98.9ft
								Vert. spread			118.8°
								Horiz. spread			102.1°

Photometric Data

AE-IL-TR400W-40-UV-880-90-XX-SS

400W • 4000K • 90°

AE-IL-TR400W-40-UV-880-90-XX-SS				ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH	
400W · 4000K · 90°				0-20°	8477.09	14.73		10.0ft	235	25.8ft	21.1ft
Wattage	396.3W	0-40°	28140.36	48.88	15.0ft	105	38.7ft	31.6ft			
CCT	4000K	0-60°	46627.78	81.00	20.0ft	58.8	51.6ft	42.2ft			
Distribution	90°	0-80°	55791.71	96.92	25.0ft	37.7	64.5ft	52.7ft			
		0-90°	56930.04	98.89	30.0ft	26.1	77.4ft	63.2ft			
		0-180°	57567.35	100.00	40.0ft	14.7	103.2ft	84.3ft			
						Vert. spread			104.4°		
								Horiz. spread		93.0°	

AE-IL-TR400W-40-UV-880-5090-XX-SS

400W • 4000K • 50 x 90°

AE-IL-TR400W-40-UV-880-5090-XX-SS					DISTANCE	CENTER Fc	BEAM WIDTH		
	ZONE	LUMENS	% FIXTURE						
400W · 4000K · 50 x 90°		0-20°	9052.57	16.03	10.0ft	254	24.1ft	13.4ft	
Wattage	400W	0-40°	27974.63	49.55	15.0ft	113	36.1ft	20.1ft	
CCT	4000K	0-60°	44523.95	78.86	20.0ft	63.5	48.1ft	26.8ft	
Distribution	50 x 90°	0-80°	54121.83	95.86	25.0ft	40.7	60.2ft	33.5ft	
		0-90°	55590.08	98.46	30.0ft	28.2	72.2ft	40.2ft	
		0-180°	56458.82	100.00	40.0ft	15.9	96.3ft	53.5ft	
						Vert. spread	100.5°		
						Horiz. spread	67.6°		