

TITAN ELITE TT2

Tilt the light to the task: TT2 is a linear high bay whose light engine tilts 20° in and 80° out on site, with switchable 225/165/120W or 300/225/165W power, switchable CCT and 135lm/W.

Industrial

Manufacturing

Warehouse

High Bay



Key Specifications

Electrical

Input voltage	120-277/347V
Power factor	> 0.9
THD	< 20%
Dimming	0-10V down to 10%
Power	120/165/225W · 165/225/300W

Optical

CRI	80 CRI
CCT	Switchable 3500/4000/5000K
Efficacy	~135lm/W
Distribution	90°
Tilt	80° outward 20° inward

Physical

Size	2ft · 4ft
Mounting	Suspended · Pendant · Surface
Surge	6KV
Ambient	-40°C to 45°C
Accessories	Emergency battery · Motion sensor

Certifications

Listings	cETLus · DLC Premium · RoHS
Warranty	5 years
Lumen maintenance	L80 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

L80 at 50000h

Rated for 80% 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-TT2

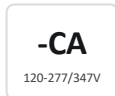
01 **FIXTURE FAMILY**



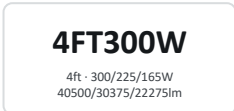
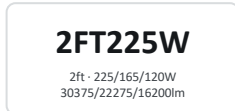
AE-IL-TT2

ERALUX TITAN ELITE industrial fixture, linear high bay

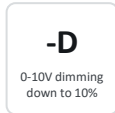
02 **VOLTAGE**



03 **SIZE | POWER**



04 **CONTROLS**



05 **CCT**



The fixture comes with 3ft chains by default. Installation instructions: [Install Instruction link](#)

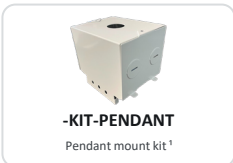
Accessories

Assembled Catalog Number

[RESET](#)

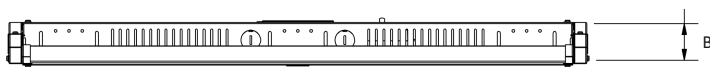
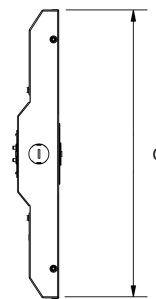
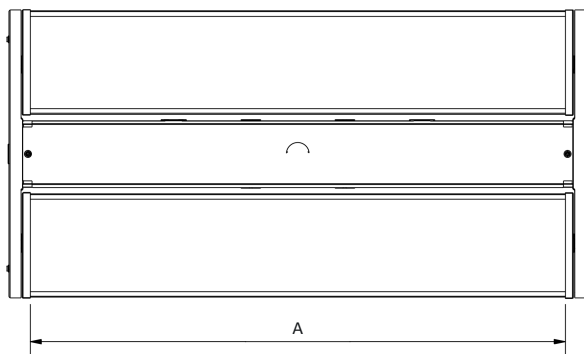
AE-IL-TT2

01 **ACCESSORY**



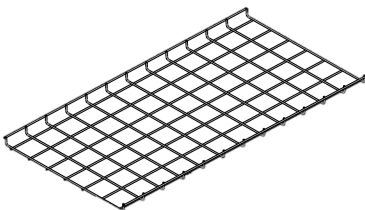
1. Conduit supplied by others.

Dimensions & Accessories



SIZE	A	B	C
2ft	25.75in	2in	12.82in
4ft	47in	2in	12.82in

Accessories



AE-IL-TT2-2FT-WIREGUARD

Wire guard

2ft or 4ft, 1 piece. 4ft: AE-IL-TT2-4FT-WIREGUARD.



AE-IL-TT2-KIT-PENDANT

Pendant mount kit

Bracket for mounting conduit; conduit supplied by others.



AE-IL-TT2-SMK

Surface mount kit

Brackets, 2 pieces.

DLC Qualified Models

DLC qualified models

DLC	PRODUCT ID	MODEL NUMBER	CATEGORY	CLASS
5.1	S-316FY9	AE-IL-TT2CA2FT225W-[D;MS]-3550K	Indoor	Premium
5.1	S-2Z43CR	AE-IL-TT2CA4FT300W-[D;MS]-3550K	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.

DLC Qualified Models (continued)

Emergency battery backup - ordering

Assembled Catalog Number

RESET

01 EMBB

Blank

No EMBB

BLD-UM40D-YYY

40W emergency battery backup ²

BLD-UM60D-YYY

60W emergency battery backup ²

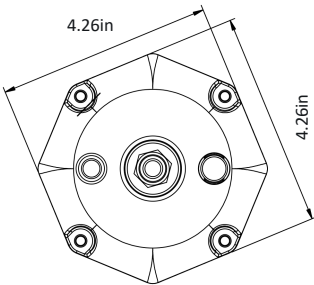
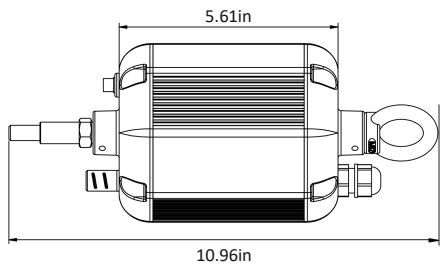
2. The EMBB does not come with a remote; order BLD-REMOTECONTROL separately if required.

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. In case of power failure it powers the fixture for up to 90min, integrating a battery, charger and converter in one unit, and supports LED loads of 30-60W at 170V DC. To test the EMBB press the button on the driver, or order BLD-REMOTECONTROL separately.



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



Energy Savings

Energy savings for a traditional lamp to LED conversion.



HID 400W

System Power	460W
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74%
Energy Savings



TT2	2FT
Power	120W
Lumens	16200



6L T5HO

System Power	350W
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53%
Energy Savings



TT2	2FT
Power	165W
Lumens	22275



HID 750W

System Power	840W
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73%
Energy Savings



TT2	2FT
Power	225W
Lumens	30375



HID 850W

System Power	955W
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70%
Energy Savings



TT2	4FT
Power	300W
Lumens	40500

Photometric Data

Lumen Estimate Adjustment Factors

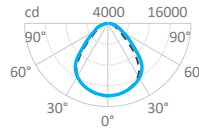
3500K $\times 0.97$ 4000K $\times 1$ 5000K $\times 1.03$

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

AE-IL-TT2-CA-2FT225W

2ft • 225W • 3500K

	ZONE	LUMENS	% FIXTURE
	0-20°	5075.93	16.85
Wattage	225W	10784.64	35.81
CCT	3500K	17389.44	57.74
Distribution	90°	25849.45	85.82
Size	2ft	29250.96	97.12
	0-90°	29734.29	98.72

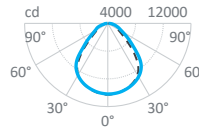


DISTANCE	CENTER Fc	BEAM WIDTH
10.0ft	139	21.0ft 18.7ft
15.0ft	61.8	31.4ft 28.1ft
20.0ft	34.8	41.9ft 37.5ft
25.0ft	22.3	52.4ft 46.8ft
30.0ft	15.5	62.9ft 56.2ft
40.0ft	8.69	83.8ft 74.9ft
Vert. spread		92.7°
Horiz. spread		86.2°

AE-IL-TT2-CA-2FT165W

2ft • 165W • 3500K

	ZONE	LUMENS	% FIXTURE
	0-20°	3722.24	16.85
Wattage	165W	7908.51	35.81
CCT	3500K	12751.90	57.74
Distribution	90°	18955.73	85.82
Size	2ft	21450.09	97.12
	0-90°	21804.53	98.72

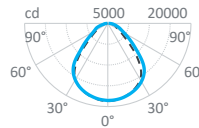


DISTANCE	CENTER Fc	BEAM WIDTH
10.0ft	102	21.0ft 18.7ft
15.0ft	45.3	31.4ft 28.1ft
20.0ft	25.5	41.9ft 37.5ft
25.0ft	16.3	52.4ft 46.8ft
30.0ft	11.3	62.9ft 56.2ft
40.0ft	6.38	83.8ft 74.9ft
Vert. spread		92.7°
Horiz. spread		86.2°

AE-IL-TT2-CA-4FT300W

4ft • 300W • 3500K

	ZONE	LUMENS	% FIXTURE
	0-20°	6768.03	16.85
Wattage	300W	14379.78	35.81
CCT	3500K	23186.34	57.74
Distribution	90°	34466.56	85.82
Size	4ft	39001.99	97.12
	0-90°	39646.44	98.72

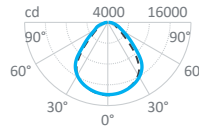


DISTANCE	CENTER Fc	BEAM WIDTH
10.0ft	185	21.0ft 18.7ft
15.0ft	82.4	31.4ft 28.1ft
20.0ft	46.4	41.9ft 37.5ft
25.0ft	29.7	52.4ft 46.8ft
30.0ft	20.6	62.9ft 56.2ft
40.0ft	11.6	83.8ft 74.9ft
Vert. spread		92.7°
Horiz. spread		86.2°

AE-IL-TT2-CA-4FT225W

4ft • 225W • 3500K

	ZONE	LUMENS	% FIXTURE
	0-20°	5075.97	16.85
Wattage	225W	10784.72	35.81
CCT	3500K	17389.57	57.74
Distribution	90°	25849.64	85.82
Size	4ft	29251.17	97.12
	0-90°	29734.51	98.72



DISTANCE	CENTER Fc	BEAM WIDTH
10.0ft	139	21.0ft 18.7ft
15.0ft	61.8	31.4ft 28.1ft
20.0ft	34.8	41.9ft 37.5ft
25.0ft	22.3	52.4ft 46.8ft
30.0ft	15.5	62.9ft 56.2ft
40.0ft	8.69	83.8ft 74.9ft
Vert. spread		92.7°
Horiz. spread		86.2°

Sensor & Dimming

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.

Dimmer List

Dimmer Compatibility — ELV dimming

Lutron	DVSTV · LNTSTV-DV
Leviton	AWSMT-7DW · DD710-BDZ · DS710-10Z
Legrand	WS4FBL3PTC · RH4FBL3PTC
Cooper	SF10P
Hubble	LHD-IRS3-N-WH

Compatibility verified by Eralux at time of publication. For dimmers not listed, contact the factory.