



eralux®



TITAN ELITE

INDUSTRIAL FIXTURES

Rectangular High Bay

The TITAN ELITE series is the ultimate solution for warehousing enabling a range of applications due to the switchable lumens package, CCT and a rotatable light engine. The rotatable light engine enables the creation of specific light distribution on site to adapt to the specific applications. Efficient, powerful, versatile: TITAN Elite.

DATE					
PROJECT NAME					
TYPE					
QTY					
ORDERING CODE	AE-IL-TT2-CA	FT	W	-D	-3550K

OPERATING & ELECTRICAL

INPUT VOLTAGE	120-347V
POWER FACTOR	0.9
DIMMING	0-10V
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER WATT	135 LPW at 80CRI
POWER	120/165/225W, 165/225/300W
BEAM ANGLE	90°

MECHANICAL & HOUSING

HOUSING	22-gauge painted sheet metal
LENS	Highly durable polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare. High transmittance lens allowing for a smooth, diffused light pattern.
FINISH	White
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	LED array
OPTICS ROTATION	Up to 100° Extorsion 80°, intorsion 20°

APPLICATION CONSION

AMBIENT TEMPERATURE RANGE	-40 to 45°C
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COMPATIBLE MOUNTING

MOUNTING	Suspended Pole Mount
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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 – 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).



Visit <https://qpl.designlights.org/> to confirm qualification."

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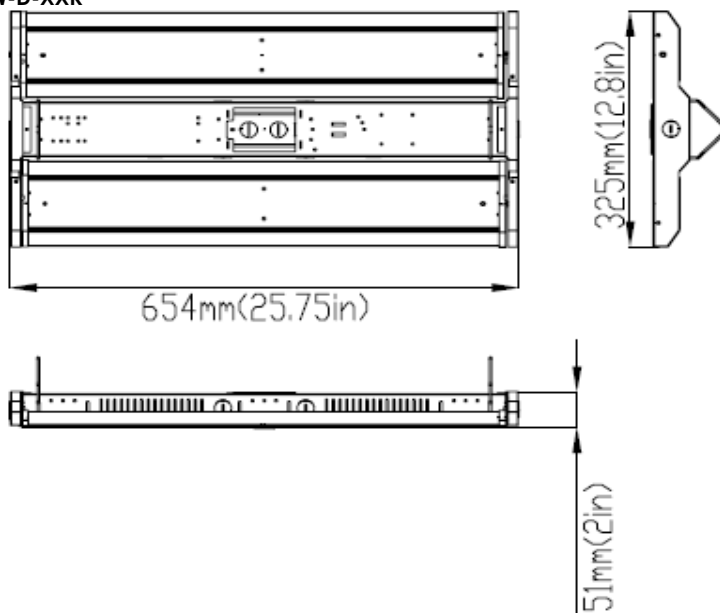
ORDERING GUIDE

EXAMPLE: AE-IL-TT2CA2FT225W-D-3550K

FIXTURE FAMILY	VOLTAGE	SIZE	POWER	CONTROLS	CCT
AE-IL-TT2	-CA	FT	W	-D	-3550K
AE-IL-TT2 ERALUX Titan ELITE industrial fixtures rectangular high bay	-CA 120-347Vac input voltage range	2FT 2 feet length	225W 225 watts: 30,375 lumens 225/165/120W	-D 0-10V dimming down to 10%	-3550K 3500K/ 4000/ 5000 CCT Switchable
		4FT 4 feet length	300W 300 watts: 40,500 lumens 300/225/165W	-MS Motion Sensor	

PRODUCT DIMENSIONS

AE-IL-TT2CA2FTXXXW-D-XXK



DLC MODELS

DLC MODELS	PRODUCT ID
AE-IL-TT2CA2FT225W-XX-3550K	S-316FY9
AE-IL-TT2CA4FT300W-XX-3550K	S-2Z43CR

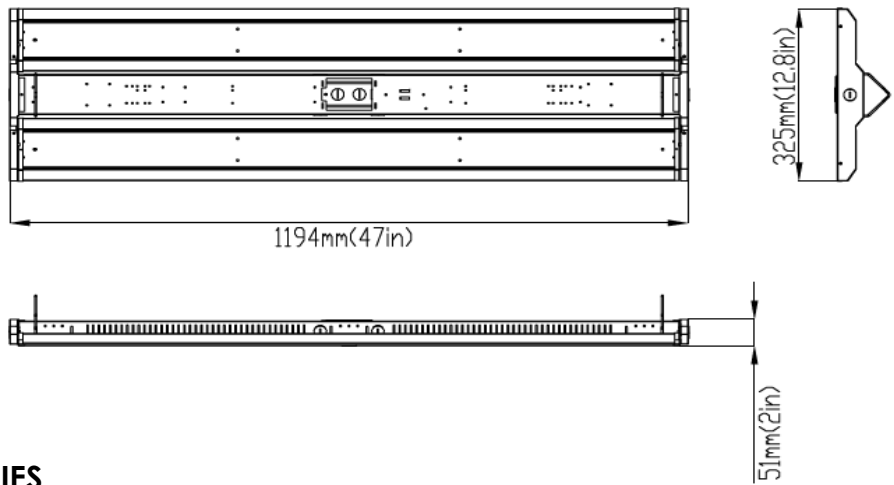
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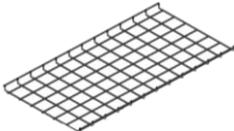
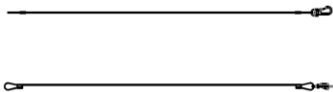
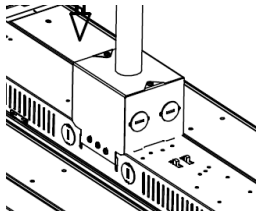
PRODUCT DIMENSIONS

AE-IL-TT2CA4FTXXXW-D-XXK



ACCESSORIES

Ordered separately, field installed

PART NUMBER	DESCRIPTION	PICTURE
AE-IL-TT2-2FT-WIREGUARD AE-IL-TT2-4FT-WIREGUARD	2FT/4FT Wire Guard – 1 piece	
AE-IL-TT2-KIT-PENDANT	Two lifting ropes	
AE-IL-TT2-KIT-POLEMOUNT	Conduit mounting kit	

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	3500K	4000K	5000K
NORMAL (80CRI)	0.97	1	1.03

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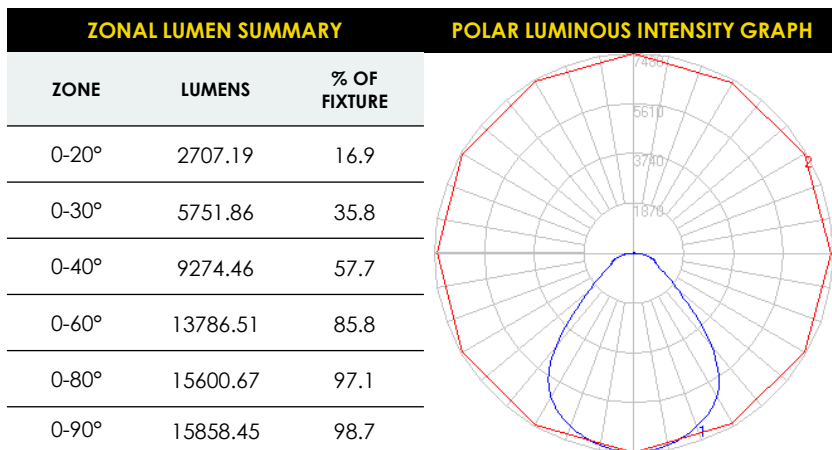
PHOTOMETRIC DATA

AE-IL-TT2CA2FT225W-D-3550K

120 WATTS

90 DEGREE

3500 CCT

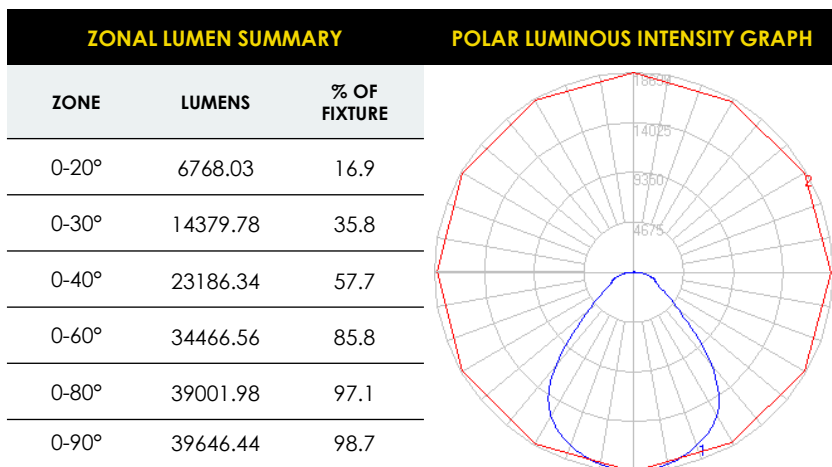


AE-IL-TT2CA4FT300W-D-3550K

300 WATTS

900 DEGREE

3500 CCT



DIMMER COMPATIBILITY LIST

0-10V Dimmer
LUTRON DVSTV
LUTRON NTSTV-DV
LUTRON DVTV
LEVITON AWSMT-7DW
LEVITON DD710-BDZ

0-10V Dimmer
LEVITON DS710-10Z
LEGRAND WS4FBL3PTC
LEGRAND RH4FBL3PTC
COOPER SF10P
HUBBLE LHD-IRS3-N-WH

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Energy savings breakdown for traditional lamp to led conversion ERALUX



HID 400W

System Power	460W
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74%
Energy Savings



TT2	2FT
Power	120W
Lumens	16,200



6L T5HO

System Power	350W
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53%
Energy Savings



TT2	2FT
Power	165W
Lumens	22,275



HID 750W

System Power	840W
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73%
Energy Savings



TT2	2FT
Power	225W
Lumens	30,375



HID 850W

System Power	955W
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70%
Energy Savings



TT2	4FT
Power	300W
Lumens	40,500

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OVERVIEW

HIGH-EFFICACY OUTPUT

High-lumen output up to 135 lumens per watt provides strong yet comforting lighting effect.

MULTIPLE POWER OUTPUT OPTIONS

Various and selectable lumens/power output options providing an unparalleled level of fixture flexibility for each projects.



PENDANT CHAIN MOUNT

Steady metal chain guarantee the mounting effect on high ceilings.

ROTATABLE LIGHT ENGINE

A unique feature that enables customization of the light distribution on site to adapt to various specific applications, Up to 100°; extorsion 80°, intorsion 20°

