

EUCLID

TRACK LIGHTING

Track Fixture



eralux®



The EUCLID series features a vertical driver enclosure with a semi-exposed heatsink to provide a unique look to your environment. It is available in black, white and silver finish or a combination of two finishes to provide a distinctive look for your store. This product comes at a standard 90 CRI, but also caters to lighting experts with a high-GAI (Gamut Area Index) option for an enhanced visual effect on products.

DATE	
PROJECT NAME	
TYPE	
QTY	
ORDERING CODE	AE-TL-EL 12

OPERATING & ELECTRICAL

INPUT VOLTAGE	120 V
POWER FACTOR	0.9
DIMMING	Triac dimming
TOTAL HARMONIC DISTORTION (THD)	<20%

PERFORMANCE

LUMENS PER WATT	81-94 LPW at 90CRI
POWER CONSUMPTION	14-51W
DISTRIBUTION	Narrow Flood, Flood, Wide Flood

MECHANICAL & HOUSING

HOUSING	Aluminum die cast
LENS	Highly durable polycarbonate and high transmittance lens
FINISH	Black, White, Silver
POWER SUPPLY	Factory wired electronic LED driver
LED BOARD	COB

APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	-10 °C to 35°C
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COMPATIBLE MOUNTING

MOUNTING	Juno Global Halo Lightolier
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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)

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ORDERING GUIDE

EXAMPLE: AE-TL-EL1412NFP30J1BK

FIXTURE FAMILY	LUMEN	INPUT VOLTAGE	DISTRIBUTION	CRI	CCT	ADAPTER	FINISH
AE-TL-EL		12					
AE-TL-EL ERALUX Euclid Series track light	14 14 watts: 1,220 lumens at 90CRI 3000K	12 120V	FL Flood light distribution 13° CBCP: 17521 @ 90 CRI	P Premium 90 CRI	27 2700K CCT	J1 Juno mounting system	BK Black powder coat finish
	17 19 watts: 1,680 lumens at 90CRI 3000K		WF Wide Flood light distribution 25° CBCP: 9347 @ 90 CRI				
	25 27 watts: 2,210 lumens at 90CRI 3000K		VF Very Wide Flood light distribution 34° CBCP: 5987 @ 90 CRI	35 3500K CCT	H1 Halo mounting system	SV Silver powder coat finish	
	45 51 watts: 4,320 lumens at 90CRI 3000K						40 4000K CCT

*AE-TL-EL45 not available in High GAI

** Available only at 3000K & 3500K

DIMMER COMPATIBILITY LIST

AE-TL-EL14 & AE-TL-EL17 & AE-TL-EL25

TRIAC/ELV Dimmer @120VAC
Lutron S-603PG
Lutron DVELV-303P
Lutron CT-103P
Leviton IPI06-1LZ
Cooper SLC03P
Leviton 6631-2
Leviton 6683-IW
Leviton IPE04
Lutron DVCL-153P
Leviton 6161

TRIAC/ELV Dimmer @120VAC
Lutron MAELV-600
Lutron DV-600P
Leviton 6633-P
Lutron FAELV-500
Lutron TGCL-153P
Lutron TG-600P
Lightolier ZP260QEW
Lutron S-600P
Cooper DLC03P
Cooper DAL06P

0-10V Dimmer @120VAC
Lutron, Nova series (part number NFTV)
Lutron, Diva series (part number DVTV)
Leviton, IllumaTech series (part number IP710-DL)

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DIMMER COMPATIBILITY LIST

AE-TL-EL45

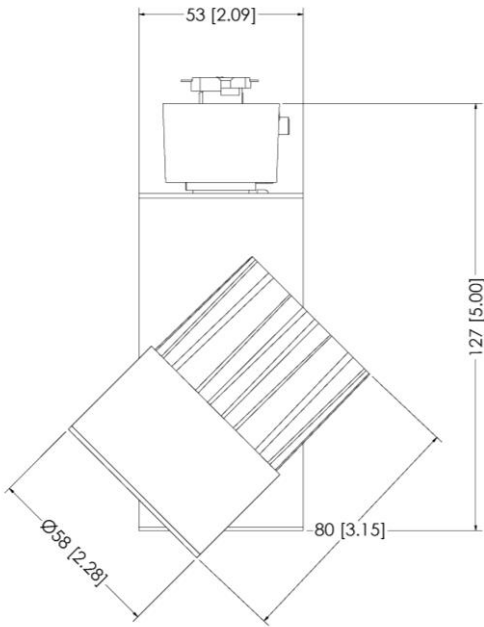
TRIAC/ELV Dimmer @120VAC
Lutron DV-600P
Lutron DVELV-303P
Lutron NTELV-600
Lutron MAELV-600
Lutron SELV-300P
Lutron DVLV-600P
Lutron NFTU-5A
Lutron CTCL-153P
Lutron GL-600H
Lutron S-600P

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PRODUCT DIMENSIONS

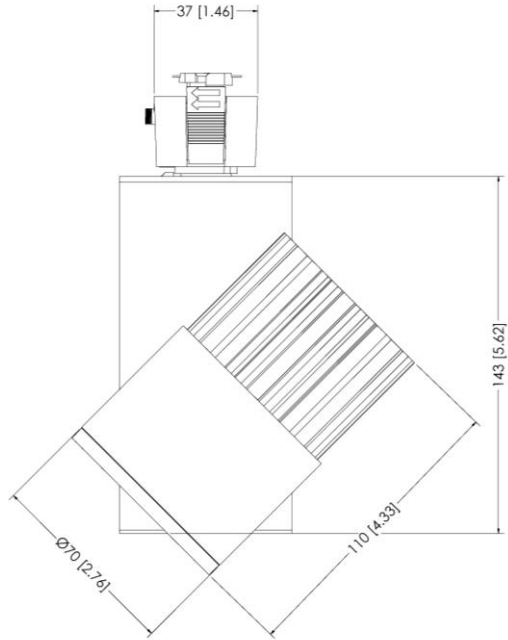
AE-TL-EL14

Weight: 0.522 kg



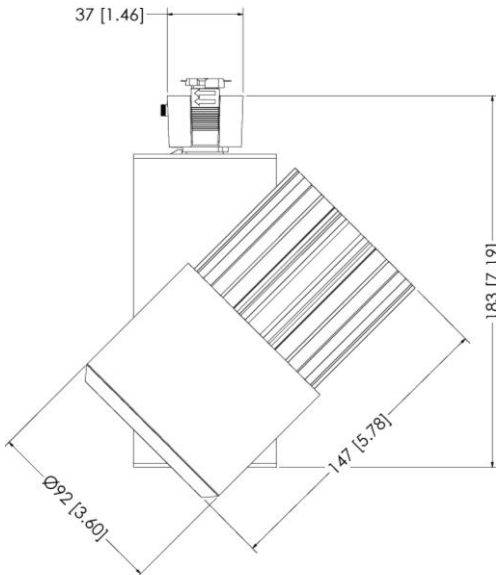
AE-TL-EL17

Weight: 0.738 kg



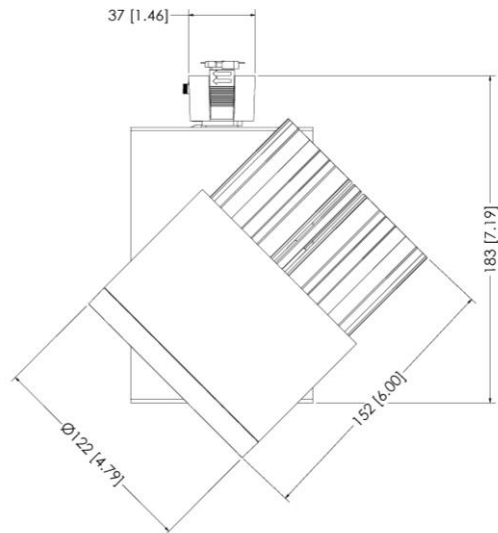
AE-TL-EL25

Weight: 0.738 kg



AE-TL-EL45

Weight: 1.790 kg



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LUMEN ESTIMATE

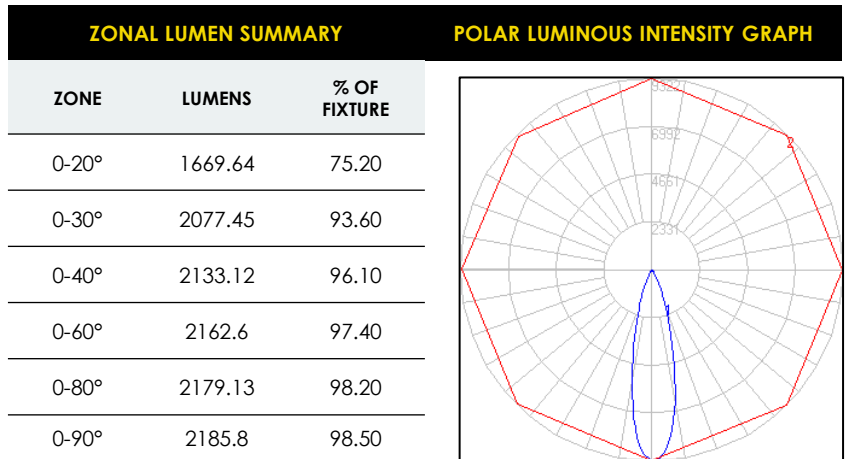
Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

LUMEN ESTIMATE ADJUSTMENT FACTORS				
CCT	2700K	3000K	3500K	4000K
PREMIUM (90CRI)	.96	1	1.06	1.06
SUPERIOR (HIGH GAI)	N/A	0.9	0.96	N/A

PHOTOMETRIC DATA

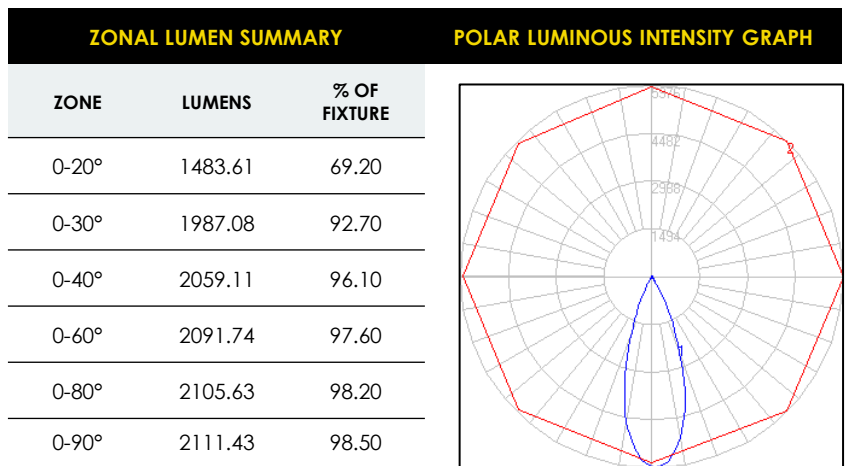
AE-TL-EL2512FLP30XXX1XX

Flood



AE-TL-EL1712FLP30XXX1XX

Wide Flood



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OVERVIEW



MULTIPLE MOUNTING ADAPTERS

Choose from any of the popular track systems such as Juno, Halo, Lightolier, or Global.

PREMIUM DESIGN

Aluminum die-cast materials selected for efficient thermal heat dissipation, enhanced structural rigidity maximizing LED life and driver function.

PAINT FINISH

Factory standard in black, white, and silver. Contact for custom paint finishes to enhance your fixture to suit your project space.

MULTIPLE OPTIONS

Customize your track head by selecting from a variety of beam angle, CCT and CRI options allowing you to have a unique fixture that suits your project.



14 watts



17 watts



25 watts



45 watts

