



EUCLID

TRACK LIGHTING

Track fixture



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 also comes standard at 90 CRI. Aeralux also caters for lighting experts with a high-GAI (Gamut Area Index) option for an enhanced visual effect on products.

Project: _____
 Qty: _____
 Notes: _____

OPERATING & ELECTRICAL

Input Voltage 120Vac
Power factor 0.9
Dimming Triac dimming
Total harmonic distortion (THD) <20%

PERFORMANCE

Lumens per Watt 78-94 LPW at 90CRI
Power consumption 14-45W
Distribution Narrow flood, flood, wide flood

MECHANICAL & HOUSING

Housing Aluminum die cast
Lens Highly durable polycarbonate lens ensures high efficiency light output for a clean, evenly illuminated surface with minimal glare.

Finish

White, black, silver
Power Supply Factory wired electronic LED driver

LED Board

COB
APPLICATION CONDITION
Ambient temperature range -10 to 35°C

COMPATIBLE MOUNTING

Mounting Juno, Global, Halo, Lightolier

WARRANTY

System warranty 5 years
Lumen maintenance Rated for 85% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L85 at 50,000 hours)

ORDERING GUIDE

EXAMPLE: AE-TL-EL1412NFP30J1BK

AE-TL-EL	14	12	NF	P	30	J1	BK
FIXTURE FAMILY	LUMEN	VOLTAGE	DISTRIBUTION	CRI	CCT	ADAPTER	FINISH
AE-TL-EL Aeralux Euclid Series track light	14 14 watts: 1220 lumens at 90CRI 3000K	120Vac	FL Flood light distribution	P Premium 90 CRI	30 3000K CCT	J1 Juno mounting system	BK Black powder coat finish
	17 17 watts: 1680 lumens at 90CRI 3000K						
	25 25 watts: 2210 lumens at 90CRI 3000K		VF Very wide flood distribution		40 4000K CCT	H1 Halo mounting system	SV Silver powder coat finish
	45* 45 watts: 4320 lumens at 90CRI 3000K						

* AE-TL-EL45 not available in High GAI

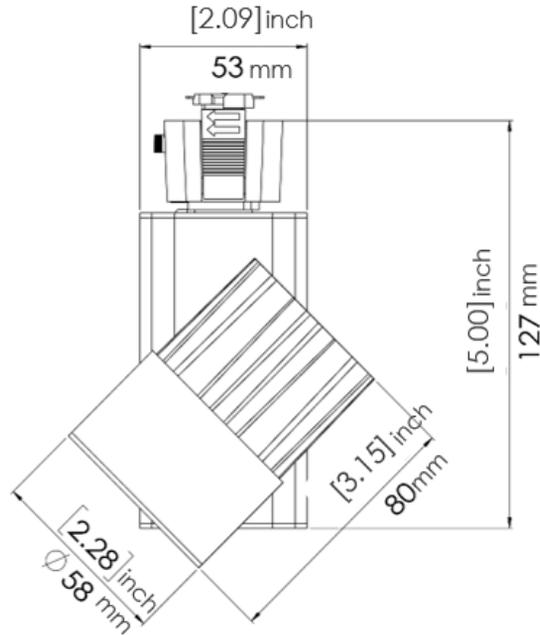
* Available only at 3000K & 3500K



PRODUCT DIMENSIONS

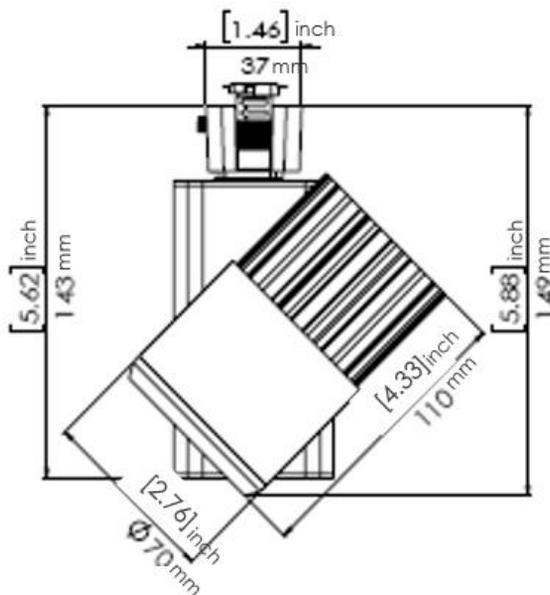
AE-TL-EL14

Weight: 0.522Kg



AE-TL-EL17

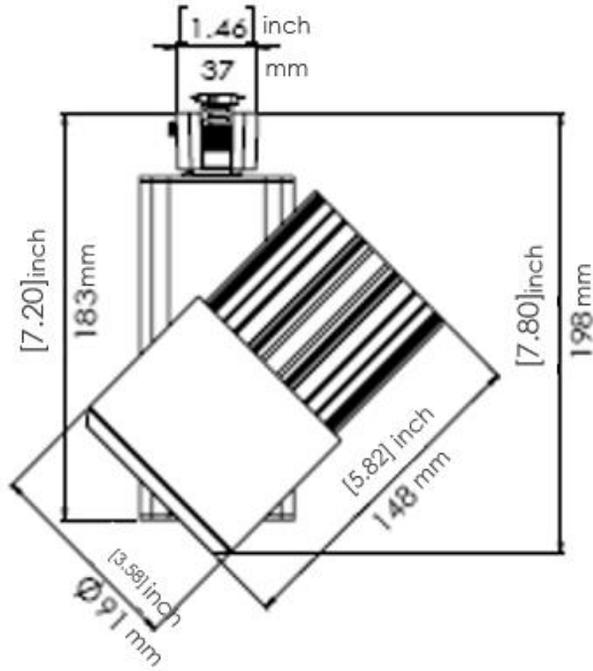
Weight: 0.738Kg



PRODUCT DIMENSIONS

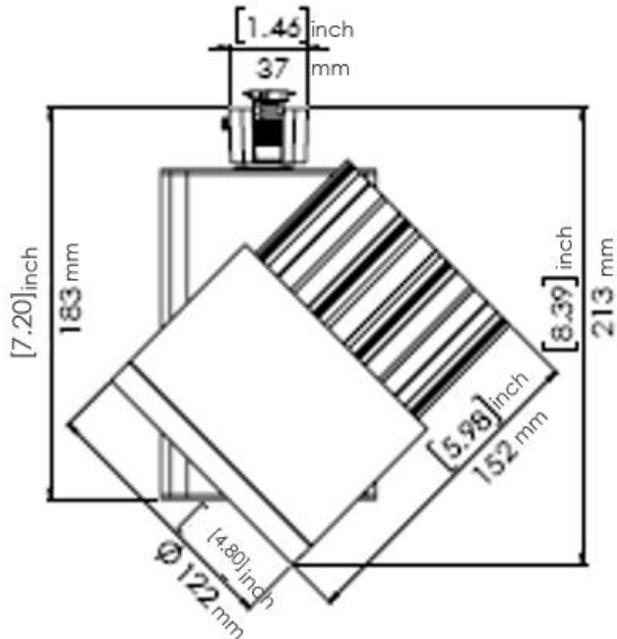
AE-TL-EL25

Weight: 0.738Kg



AE-TL-EL45

Weight: 1.79Kg



DIMMER COMPATIBILITY LIST

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

Manufacturer	Manufacturer Part Number
 <p>Lutron</p>	S-603PG
	DVCL-153P
	DV-600P
	TGCL-153P
	S-600P
	DVELV-303P
	SELV-300P
	TG-600P
	LG-600P
	CT-103P
	MAELV-600
	FAELV-500
	 <p>Leviton</p>
6631-2	
VPE06	
6683-IW	
6161	
6633-P	
IPE04	
<p>Cooper</p>	DLC03P
	SLC03P
	DAL06P
<p>Lightolier</p>	ZP260QEW

AE-TL-EL45

Manufacturer	Manufacturer Part Number
<p>Lutron</p>	DV-600P
	DVELV-303P
	NTELV-600
	MAELV-600
	DVLV-600P
	SELV-300P
	NFTU-5A
	CTCT-153P
	GL-600H
	S-600P
	PHPM

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)	0.96	1	1.03	1.06
SUPERIOR (HIGH GAI)	N/A	0.9	0.96	N/A

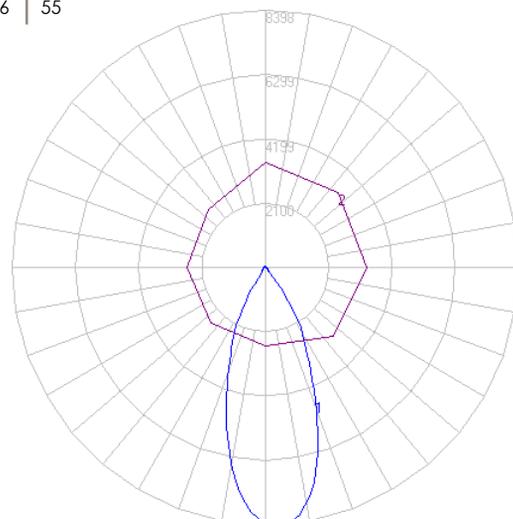
PHOTOMETRIC DATA

AE-TL-EL4512FLP30XXX

Coefficients of utilization												
Ceiling	80%				70%		50%		30%		0%	
Wall	70%	50%	30%	10%	50%	10%	50%	10%	50%	10%	0	
RCR	Zonal Cavity Method – Effective floor reflectance = 20%											
Room Cavity Ratio	0	118	118	118	118	115	115	109	109	104	104	97
	1	112	110	107	105	107	103	103	99	98	96	90
	2	107	102	98	95	100	93	96	91	93	88	84
	3	102	96	91	87	94	86	91	84	88	83	79
	4	97	90	85	81	89	80	86	79	84	77	75
	5	93	85	79	75	84	75	82	74	80	73	70
	6	89	80	75	71	79	70	78	70	76	69	67
	7	85	76	71	67	75	66	74	66	72	65	63
	8	81	72	67	63	72	63	70	62	69	62	60
	9	78	69	64	60	68	60	67	59	66	59	57
	10	75	66	61	57	65	57	64	57	63	56	55

Luminance data			
Angle	0°	45°	90°
45°	6186	4579	5310
55°	4534	3144	3679
65°	3299	2206	2599
75°	2763	1639	2156
85°	1663	1101	1365

Zonal lumen			
Zone	Lumens	Zone	Lumens
0-10	741.6	90-100	22.28
10-20	1589.19	100-110	21.97
20-30	1362.49	110-120	20.87
30-40	540.46	120-130	20.35
40-50	108.04	130-140	18.87
50-60	90.73	140-150	16.67
60-70	73.34	150-160	13.39
70-80	62.97	160-170	9.11
80-90	33	170-180	3.21





PHOTOGRAPHS

MULTIPLE MOUNTING ADAPTERS

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



PAINT FINISH

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

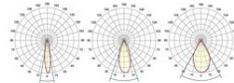


PREMIUM DESIGN

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

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



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