

EUCLID

Clean cylinder lines with real output: EUCLID pairs a vertical driver enclosure with a semi-exposed aluminum heatsink. Four sizes from 14W to 51W deliver up to 4320lm at 90 CRI, with four CCTs, 20°, 40° and 60° beams and Juno, Global, Halo and Lightolier adapters.

[Art Gallery](#)
[Show Room](#)
[Retail Store](#)
[Hospitality](#)


Project Information

Type: Date:
 Project:
 Catalog #:
 Notes:



Key Specifications

Electrical

Input voltage	120V
Power factor	> 0.9
THD	< 20%
Dimming	TRIAC · ELV
Power	14W · 19W · 27W · 51W

Optical

Lumens	1220 · 1680 · 2210 · 4320lm
Efficacy	~81-94lm/W
CRI	90
CCT	2700K · 3000K · 3500K · 4000K
Distribution	20° · 40° · 60°

Physical

Aperture	1.5 · 2.2 · 2.7 · 3.7in
Mounting	Track system · Monopoint
Adapter	Juno · Global · Halo · Lightolier
Finish	Black · White · Silver
Ambient	-10°C to 35°C
Accessories	Track · Adapters · Sensor

Certifications

Listings	5-Yr Warranty · ETL · RoHS
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-TL-EL

01 FIXTURE FAMILY



AE-TL-EL

ERALUX Euclid track head

02 LUMEN

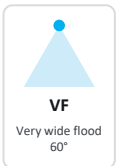
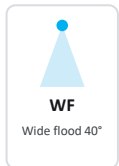
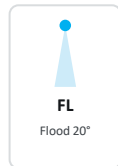


03 INPUT VOLTAGE

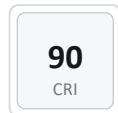


12
120V

04 DISTRIBUTION

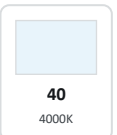
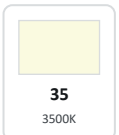
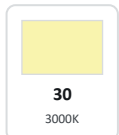
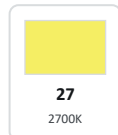


05 CRI

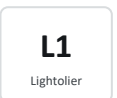
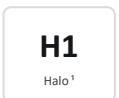
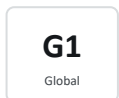


P
Premium 90 CRI

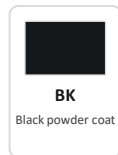
06 CCT



07 ADAPTER



08 FINISH



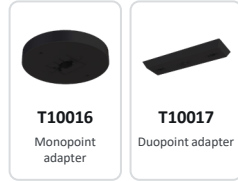
1. Juno and Halo adapters are compatible with 120V only. Mounting adapters, track and track components are ordered from page 03.

Accessory Ordering Guide

Mounting Adapter

[RESET](#)

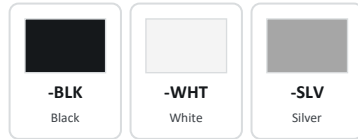
01 MOUNTING



Surface / wall mount

Compatible with Juno system. T10016: 1 track head can be installed.
T10017: 2 track heads can be installed.

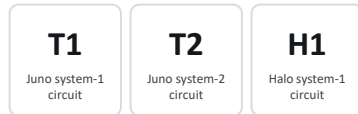
02 FINISH



Track System

[RESET](#)

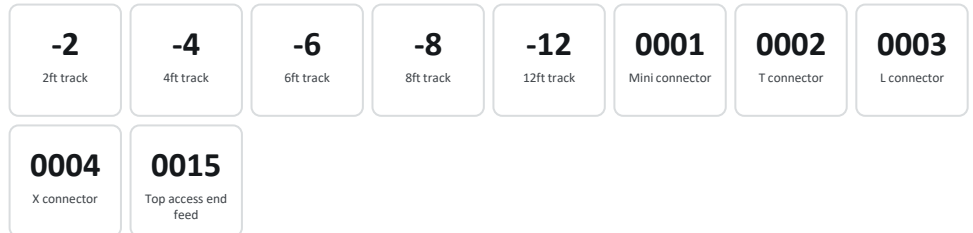
01 TRACK SYSTEM



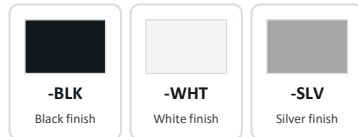
ERALUX Track

Track system and components are ordered with the track head if needed.

02 COMPONENT



03 FINISH

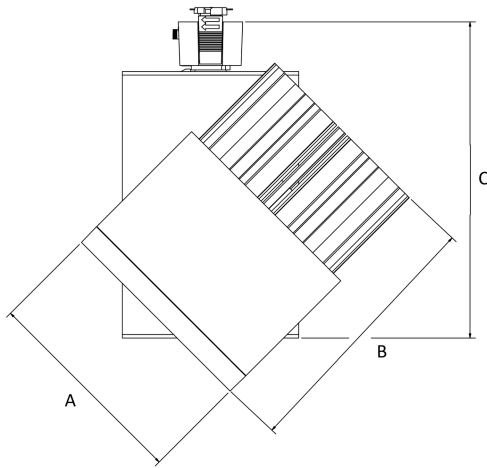


Track details: [ERALUX Track T1](#) · [ERALUX Track T2](#) · [ERALUX Track H1](#).

Dimensions

All dimensions in inches.

AE-TL-EL



Side

Rotation up to 355° · Tilt +/- 90°

Dimensions by size

	AE-TL-EL14	AE-TL-EL17	AE-TL-EL25	AE-TL-EL45
A	Ø 2.28in	Ø 2.76in	Ø 3.60in	Ø 4.79in
B	3.15in	4.33in	5.78in	6.00in
C	5.00in	5.62in	7.19in	7.19in

A, B and C as marked on the drawing.

Features & Accessories

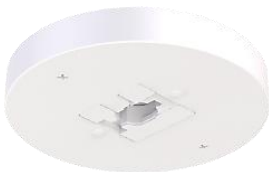
Features

Innovative design. Selected aluminum for better heat dissipation. Improved design extends LED and driver lifespan.

Multiple options. Variety of beam angles. Four CCTs available. Black, white, and silver finishes. Four different sizes available: 14, 19, 27 and 51W.

Mountings available. Choose from any of the popular track systems such as Juno, Halo, Lightolier, or Global. Surface mount with either monopoint or duopoint adapters.

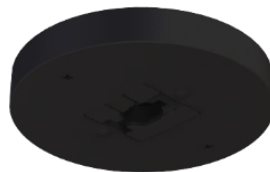
Mounting Adapters



T10016-WHT

Monopoint adapter, white

Surface / wall mount. Compatible with Juno system. 1 track head can be installed.



T10016-BLK

Monopoint adapter, black

Surface / wall mount. Compatible with Juno system. 1 track head can be installed.



T10017-WHT

Duopoint adapter, white

Surface / wall mount. Compatible with Juno system. 2 track heads can be installed.



T10017-BLK

Duopoint adapter, black

Surface / wall mount. Compatible with Juno system. 2 track heads can be installed.

Photometric Data

Lumen Estimate Adjustment Factors

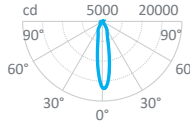
2700K $\times 0.93$ 3000K $\times 1$ 3500K/4000K $\times 1.06$

Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-TL-EL4512FLP30XXXX

20° FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	2564.91	56.03
Wattage	50.6W	0-30°	3764.10	82.23
CCT	3000K	0-40°	4258.02	93.02
Distribution	20°	0-60°	4397.12	96.05
		0-80°	4487.27	98.02
		0-90°	4503.72	98.38

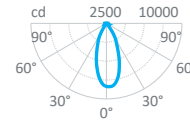


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	5746	0.6ft	0.6ft
3.3ft	1525	1.2ft	1.2ft
5.0ft	664	1.8ft	1.8ft
6.7ft	370	2.4ft	2.4ft
8.3ft	241	3.0ft	3.0ft
10.0ft	166	3.6ft	3.6ft
Vert. spread		20.2°	
Horiz. spread		20.6°	

AE-TL-EL4512WFP30XXXX

40° WIDE FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	2330.79	49.08
Wattage	50.6W	0-30°	3693.29	77.78
CCT	3000K	0-40°	4233.75	89.16
Distribution	40°	0-60°	4432.52	93.34
		0-80°	4568.83	96.21
		0-90°	4601.83	96.91

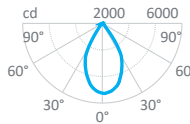


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	2889	1.2ft	1.3ft
3.3ft	767	2.4ft	2.4ft
5.0ft	334	3.7ft	3.7ft
6.7ft	186	4.9ft	4.9ft
8.3ft	121	6.1ft	6.1ft
10.0ft	83.5	7.3ft	7.4ft
Vert. spread		40.2°	
Horiz. spread		40.5°	

AE-TL-EL4512VFP30XXXX

60° VERY WIDE FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	1726.93	39.76
Wattage	50.4W	0-30°	3199.71	73.67
CCT	3000K	0-40°	3988.36	91.83
Distribution	59°	0-60°	4213.11	97.00
		0-80°	4286.06	98.68
		0-90°	4296.85	98.93



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1816	1.9ft	1.9ft
3.3ft	482	3.7ft	3.7ft
5.0ft	210	5.6ft	5.6ft
6.7ft	117	7.5ft	7.5ft
8.3ft	76.2	9.3ft	9.3ft
10.0ft	52.5	11.3ft	11.3ft
Vert. spread		58.8°	
Horiz. spread		58.8°	

Sensor & Dimming

Non-Bluetooth Sensors set up by IR remote

Product	Detection type	Detection range	Set-up	Dimming protocol	Installation
 Detecta AE-CT-DT806	PIR Microphonics	9.8–32.75ft	IR remote	On/Off	Ceiling · no power pack
Remote control RC102					

Please refer to spec sheet for exact specifications for all items above.

Dimmer List

Dimmer Compatibility — TRIAC / ELV

Lutron	S-603PG · DVCL-153P · DV-600P · TGCL-153P · S-600P · DVELV-303P · SELV-300P · TG-600P · LG-600P · CT-103P
	MAELV-600 · FAELV-500 · DVLV-600 · NFTU-5A · GL-600H · PHPM
Leviton	IPI06-1LZ · 6631-2 · VPE06 · 6683-IW · 6161 · 6633-P · IPE04
Cooper	DLC03P · SLC03P · DAL06P
Lightolier	ZP260QEW

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