

IRIS

Compact accent lighting for track: IRIS is a cylinder head just 1.7in across and 3in long, with a semi-exposed aluminum heatsink. 14W at 90 CRI, four CCTs, four beam angles and adapters for Juno, Global, Halo and Lightolier track.

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

Optical

Efficacy	~81–93lm/W
CRI	90
CCT	2700K · 3000K · 3500K · 4000K
Distribution	21° · 27° · 36° · 59°

Physical

Aperture	1.7in
Length	3in
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-IR

01 FIXTURE FAMILY



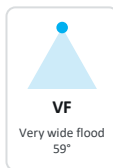
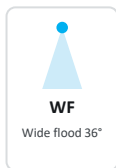
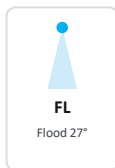
AE-TL-IR
ERALUX Iris track head

02 INPUT VOLTAGE

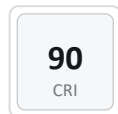


12
120V

03 DISTRIBUTION

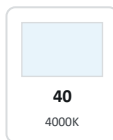
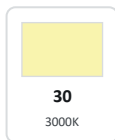
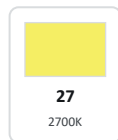


04 CRI

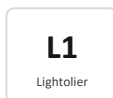
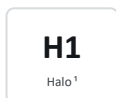
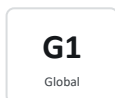


P
Premium 90 CRI

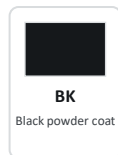
05 CCT



06 ADAPTER



07 FINISH



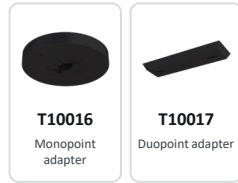
1. Juno and Halo adapters are compatible with 120V only. Mounting adapters, track and track components are ordered from page 03.

Accessory Ordering Guide

Mounting Adapter

[RESET](#)

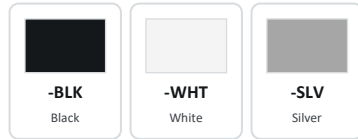
01 MOUNTING



Surface / wall mount

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

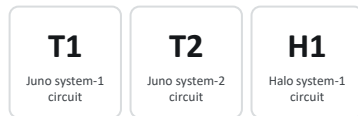
02 FINISH



Track System

[RESET](#)

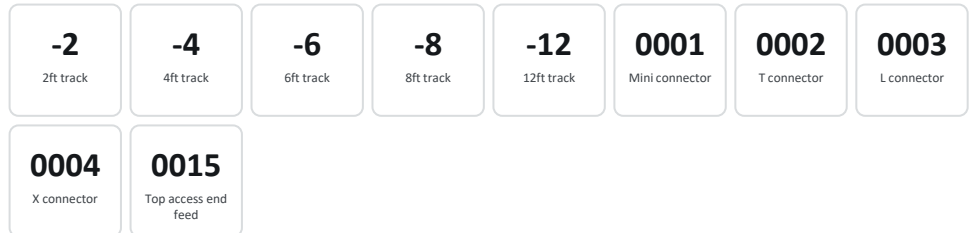
01 TRACK SYSTEM



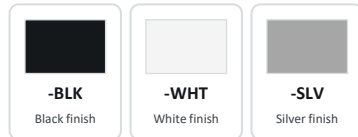
ERALUX Track

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

02 COMPONENT



03 FINISH

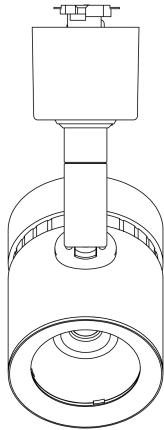


Track details: [ERALUX Track T1](#) · [ERALUX Track T2](#) · [ERALUX Track H1](#).

Dimensions

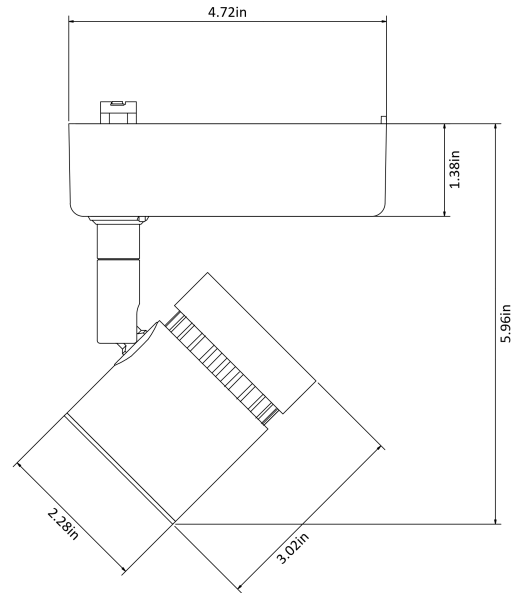
All dimensions in inches.

Track Head



Front

Rotation up to 355°



Side

Tilt +/- 90° · 5.96in overall height · head 2.28in dia. × 3.02in long

Features & Accessories

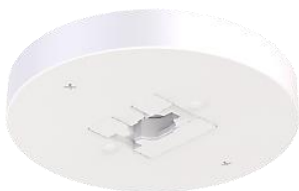
Features

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.

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

Monopoint adapter

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



T10017

Duopoint adapter

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



Installed

On a monopoint adapter

Photometric Data

Lumen Estimate Adjustment Factors

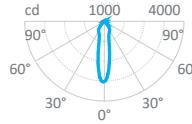
2700K $\times 0.93$ 3000K $\times 1$ 3500K/4000K $\times 1.06$

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

AE-TL-IR12NFX30X1XX

21° NARROW FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	496.59	39.71
Wattage	13.3W	0-30°	780.98	62.45
CCT	3000K	0-40°	1063.16	85.02
Distribution	21°	0-60°	1181.72	94.50
		0-80°	1202.33	96.14
		0-90°	1210.01	96.76

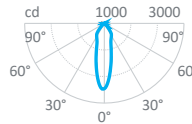


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1046	0.6ft	0.6ft
3.3ft	278	1.2ft	1.3ft
5.0ft	121	1.9ft	1.9ft
6.7ft	67.4	2.5ft	2.6ft
8.3ft	43.9	3.1ft	3.2ft
10.0ft	30.2	3.8ft	3.8ft
Vert. spread		21.3°	
Horiz. spread		21.6°	

AE-TL-IR12FLX30X1XX

27° FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	492.02	39.90
Wattage	13.2W	0-30°	786.64	63.80
CCT	3000K	0-40°	1064.47	86.33
Distribution	27°	0-60°	1178.06	95.54
		0-80°	1195.34	96.94
		0-90°	1201.59	97.45

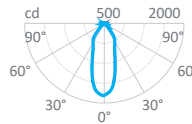


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	851	0.8ft	0.8ft
3.3ft	226	1.6ft	1.6ft
5.0ft	98.4	2.4ft	2.4ft
6.7ft	54.8	3.2ft	3.2ft
8.3ft	35.7	3.9ft	4.0ft
10.0ft	24.6	4.7ft	4.8ft
Vert. spread		26.7°	
Horiz. spread		27.0°	

AE-TL-IR12WFX30X1XX

36° WIDE FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	468.36	38.89
Wattage	13.2W	0-30°	765.87	63.59
CCT	3000K	0-40°	1036.21	86.03
Distribution	37°	0-60°	1149.14	95.41
		0-80°	1167.96	96.97
		0-90°	1173.57	97.44

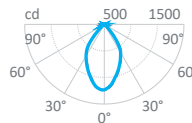


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	625	1.1ft	1.1ft
3.3ft	166	2.2ft	2.2ft
5.0ft	72.2	3.3ft	3.3ft
6.7ft	40.2	4.4ft	4.4ft
8.3ft	26.2	5.5ft	5.5ft
10.0ft	18.1	6.6ft	6.6ft
Vert. spread		36.5°	
Horiz. spread		36.6°	

AE-TL-IR12VFX30X1XX

59° VERY WIDE FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	385.41	31.22
Wattage	13.2W	0-30°	731.75	59.28
CCT	3000K	0-40°	1041.44	84.37
Distribution	63°	0-60°	1166.39	94.50
		0-80°	1193.91	96.73
		0-90°	1200.76	97.28



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	426	2.1ft	2.1ft
3.3ft	113	4.0ft	4.0ft
5.0ft	49.3	6.1ft	6.1ft
6.7ft	27.4	8.2ft	8.2ft
8.3ft	17.9	10.1ft	10.1ft
10.0ft	12.3	12.2ft	12.2ft
Vert. spread		62.9°	
Horiz. spread		62.8°	

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

Leviton	6602-X · 6681-X · 6683-X · 6684-X · 6633 · 6674 · IPI06-1LZ · 700-X · 705-X
Lutron	SLV-600 · S2-LX · GL-600H · NFTU-5A · DVLV-600P
Cooper	9530XXX
Lightolier	MP600X
Advance	SR150LED120

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