

TERRA

Focused accent light for galleries, showrooms and retail. TERRA is a 3in round LED track head in die-cast aluminum: 30W, programmable driver, 120-277V, 90 CRI, four CCTs, four beam angles 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	120-277V
Power factor	> 0.9
THD	< 20%
Dimming	TRIAC · ELV · 0-10V
Power	30W

Optical

Lumens	3000K 1620lm · 4000K 1740lm
Efficacy	~54-58lm/W
CRI	90
CCT	2700K · 3000K · 3500K · 4000K
Distribution	20° · 25° · 35° · 45°

Physical

Aperture	3in
Mounting	Track system
Adapter	Juno · Global · Halo · Lightolier
Finish	Black · White · Silver
Ambient	-10°C to 35°C
Accessories	Track · Sensor

Certifications

Listings	5-Yr Warranty · cETLus · 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-TR

01 FIXTURE FAMILY



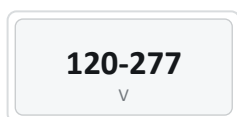
AE-TL-TR
ERALUX Terra track head

02 WATTAGE



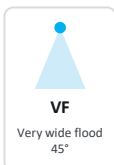
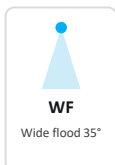
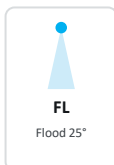
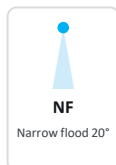
-30
30W | 1620lm at 3000K · 1740lm at 4000K

03 INPUT VOLTAGE



-UV
120-277V

04 DISTRIBUTION

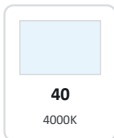
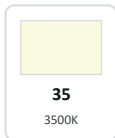
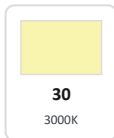
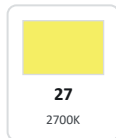


05 CRI

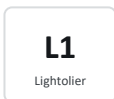
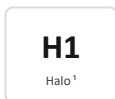
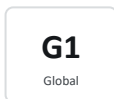


P
Premium 90 CRI

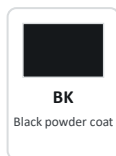
06 CCT



07 ADAPTER



08 FINISH



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

Terra is also available with a canopy: see the Terra Canopy spec sheet.

Accessory Ordering Guide

Track System

[RESET](#)

01

TRACK SYSTEM

T1
Juno system-1
circuit

T2
Juno system-2
circuit

H1
Halo system-1
circuit

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

02

COMPONENT

-2
2ft track

-4
4ft track

-6
6ft track

-8
8ft track

-12
12ft track

0001
Mini connector

0002
T connector

0003
L connector

0004
X connector

0015
Top access end
feed

03

FINISH


-BLK
Black finish


-WHT
White finish

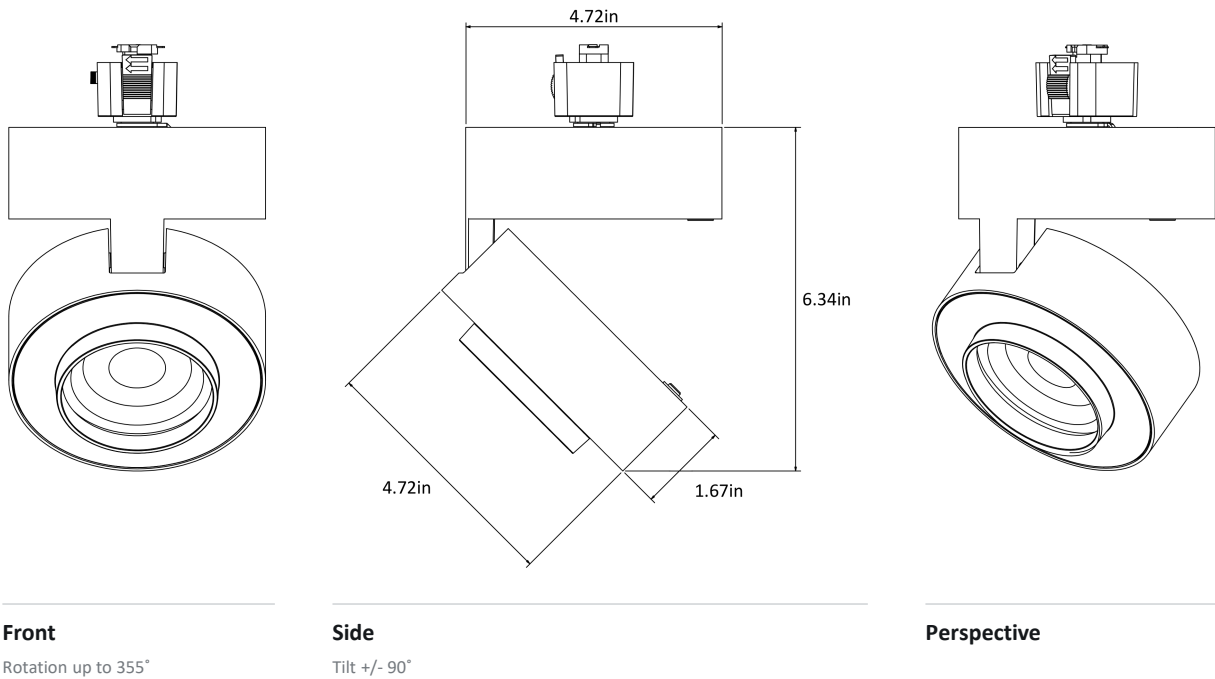

-SLV
Silver finish

Track details: eralux.com/product/juno-track-t1 · [juno-track-t2](https://eralux.com/product/juno-track-t2) · [halo-track-h1](https://eralux.com/product/halo-track-h1).

Dimensions

All dimensions in inches.

AE-TL-TR-30-UV-XX-P



Overview

Innovative design. Die-cast aluminum housing for better heat dissipation.

Longer life. Improved design extends LED and driver lifespan.

Multiple options. Multiple beam angles. Four CCTs available. Black, white, and silver finishes.

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

Photometric Data

Lumen Estimate Adjustment Factors

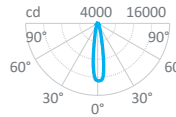
2700K $\times 0.93$ 3000K $\times 1$ 3500K/4000K $\times 1.06$

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

AE-TL-TR-30-UVNFP30XXXX

20° NARROW FLOOD

	Wattage	27.7W	CCT	3000K	Distribution	19°
ZONE	LUMENS	% FIXTURE				
0-20°	1640.48	72.40				
0-30°	1996.08	88.10				
0-40°	2131.65	94.08				
0-60°	2197.96	97.01				
0-80°	2216.87	97.84				
0-90°	2223.98	98.16				

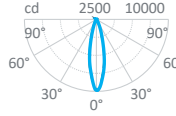


DISTANCE	CENTER Fc	BEAM WIDTH		
1.7ft	4413	0.6ft	0.6ft	
3.3ft	1171	1.1ft	1.1ft	
5.0ft	510	1.7ft	1.7ft	
6.7ft	284	2.2ft	2.2ft	
8.3ft	185	2.8ft	2.8ft	
10.0ft	128	3.3ft	3.4ft	
Vert. spread				18.9°
Horiz. spread				19.0°

AE-TL-TR-30-UVFLP30XXXX

25° FLOOD

	Wattage	27.7W	CCT	3000K	Distribution	24°
ZONE	LUMENS	% FIXTURE				
0-20°	1620.85	70.20				
0-30°	2004.27	86.80				
0-40°	2157.60	93.44				
0-60°	2237.64	96.91				
0-80°	2259.31	97.85				
0-90°	2266.96	98.18				

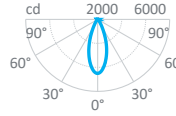


DISTANCE	CENTER Fc	BEAM WIDTH		
1.7ft	3406	0.7ft	0.7ft	
3.3ft	904	1.4ft	1.4ft	
5.0ft	394	2.1ft	2.1ft	
6.7ft	219	2.8ft	2.8ft	
8.3ft	143	3.5ft	3.5ft	
10.0ft	98.4	4.2ft	4.2ft	
Vert. spread				23.5°
Horiz. spread				23.6°

AE-TL-TR-30-UVWFP30XXXX

35° WIDE FLOOD

	Wattage	27.6W	CCT	3000K	Distribution	37°
ZONE	LUMENS	% FIXTURE				
0-20°	1167.00	54.36				
0-30°	1723.86	80.31				
0-40°	1955.85	91.11				
0-60°	2072.63	96.55				
0-80°	2097.09	97.69				
0-90°	2104.48	98.04				

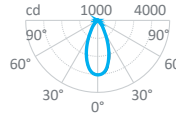


DISTANCE	CENTER Fc	BEAM WIDTH		
1.7ft	1557	1.1ft	1.1ft	
3.3ft	413	2.2ft	2.2ft	
5.0ft	180	3.4ft	3.4ft	
6.7ft	100	4.5ft	4.5ft	
8.3ft	65.3	5.6ft	5.6ft	
10.0ft	45.0	6.7ft	6.7ft	
Vert. spread				37.2°
Horiz. spread				37.1°

AE-TL-TR-30-UVVFP30XXXX

45° VERY WIDE FLOOD

	Wattage	27.6W	CCT	3000K	Distribution	46°
ZONE	LUMENS	% FIXTURE				
0-20°	918.45	43.31				
0-30°	1513.48	71.37				
0-40°	1873.72	88.35				
0-60°	2036.59	96.03				
0-80°	2069.10	97.57				
0-90°	2078.11	97.99				



DISTANCE	CENTER Fc	BEAM WIDTH		
1.7ft	1046	1.4ft	1.5ft	
3.3ft	278	2.8ft	2.8ft	
5.0ft	121	4.2ft	4.3ft	
6.7ft	67.4	5.7ft	5.7ft	
8.3ft	43.9	7.0ft	7.1ft	
10.0ft	30.2	8.4ft	8.5ft	
Vert. spread				45.8°
Horiz. spread				46.2°

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

Dimmer Compatibility — 0-10V

Lutron, Nova Series	NFTV
Lutron, DIVA Series	DVTV
Leviton, Illumatech	IP710-DL

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