

TERRA CRESCENT

Wall washing for galleries, showrooms and retail displays. TERRA CRESCENT is a round 3in LED track head in die-cast aluminum: 30W, programmable driver, smart control, 120-277V, 90 CRI, four CCTs and Juno, Global, Halo and Lightolier adapters.

Art Gallery

Show Room

Retail Store

Hospitality



Key Specifications

Electrical

Input voltage	120-277V
Power factor	> 0.9
THD	< 20%
Dimming	TRIAC · ELV · 0-10V
Power	30W

Optical

Lumens	SA 1595lm · DA 2053lm
Efficacy	~54-58lm/W
CRI	90
CCT	2700K · 3000K · 3500K · 4000K
Distribution	SA 36.7°x41.5° · DA 64.6°x37.4°

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 · 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-TR

01 FIXTURE FAMILY



AE-TL-TR
ERALUX Terra Crescent track head

02 INPUT VOLTAGE

120-277
V

-UV
120-277V

03 DISTRIBUTION



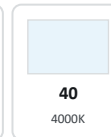
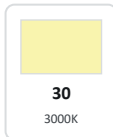
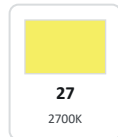
-SA · -DA
30W · single asymmetrical 1595lm, 36.7°x41.5° or double asymmetrical 2053lm, 64.6°x37.4° wall wash

04 CRI

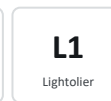
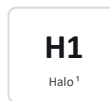
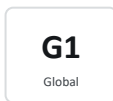
90
CRI

P
Premium 90 CRI

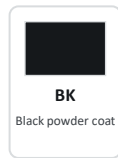
05 CCT



06 ADAPTER



07 FINISH



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

Terra Crescent is also available with a canopy: see the Terra Canopy and Terra Crescent Canopy spec sheets.

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

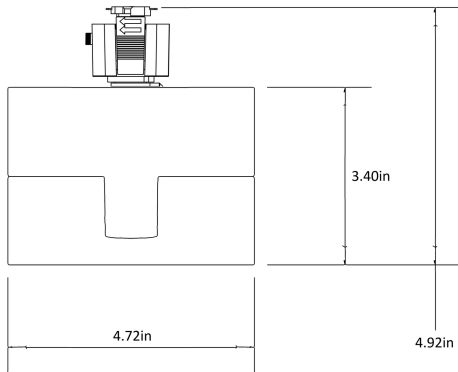

-SLV
Silver finish

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

Dimensions

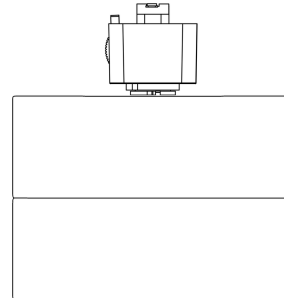
All dimensions in inches.

AE-TL-TR-UV-DA-P



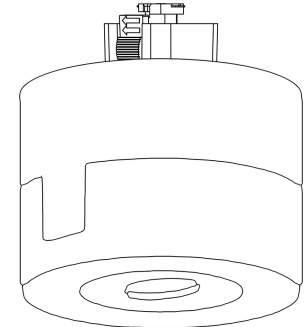
Front

Rotation up to 355°



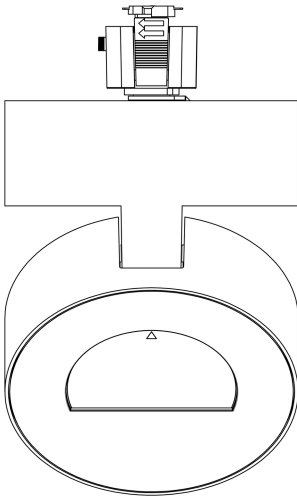
Side

Tilt +/- 90°



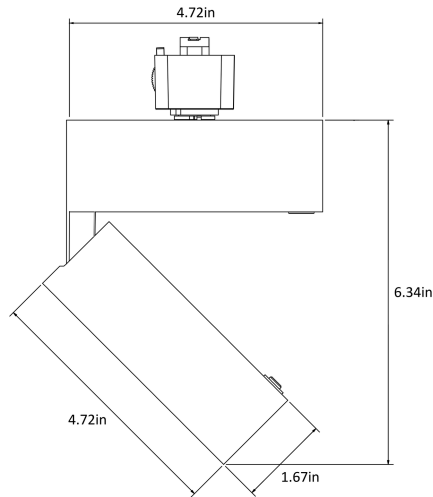
Perspective

AE-TL-TR-UV-SA-P



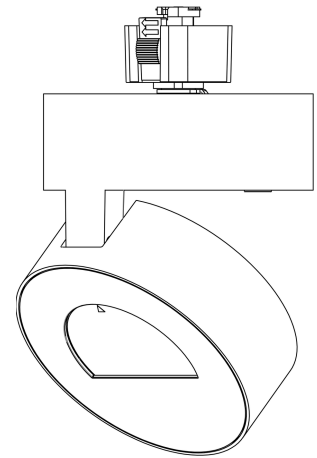
Front

Rotation up to 355°



Side

Tilt +/- 90°



Perspective

Overview

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

Longer life. Improved design extends LED and driver lifespan.

Multiple options. Double and single asymmetrical beam angle. 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.

Photometric Data

Lumen Estimate Adjustment Factors

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

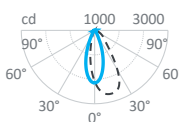
Factors for 90 CRI. Lumen output varies based on CCT and CRI; multiply by the factor for the CCT ordered.

AE-TL-TR-UV-SAP30X1XX

SINGLE ASYMMETRICAL

Wattage **28.8W**
CCT **3000K**
Distribution **36.7° x 41.5°**

ZONE	LUMENS	% FIXTURE
0-20°	602.96	37.81
0-30°	997.36	62.55
0-40°	1232.77	77.31
0-60°	1458.45	91.46
0-80°	1545.89	96.94
0-90°	1555.88	97.57



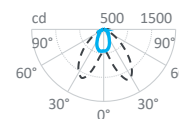
DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	737	1.1ft 1.3ft
3.3ft	196	2.2ft 2.5ft
5.0ft	85.2	3.3ft 3.8ft
6.7ft	47.5	4.4ft 5.1ft
8.3ft	30.9	5.5ft 6.3ft
10.0ft	21.3	6.6ft 7.6ft
Vert. spread		36.7°
Horiz. spread		41.5°

AE-TL-TR-UV-DAP30X1XX

DOUBLE ASYMMETRICAL

Wattage **27.7W**
CCT **3000K**
Distribution **64.6° x 37.4°**

ZONE	LUMENS	% FIXTURE
0-20°	222.95	10.86
0-30°	588.88	28.68
0-40°	1070.34	52.14
0-60°	1813.87	88.36
0-80°	1999.05	97.38
0-90°	2009.65	97.89



DISTANCE	CENTER Fc	BEAM WIDTH
1.7ft	156	2.1ft 1.2ft
3.3ft	41.4	4.2ft 2.2ft
5.0ft	18.0	6.3ft 3.4ft
6.7ft	10.0	8.5ft 4.5ft
8.3ft	6.54	10.5ft 5.6ft
10.0ft	4.51	12.6ft 6.8ft
Vert. spread		64.6°
Horiz. spread		37.4°

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.