

EQUATOR SERIES

Focus the beam on site, from narrow to wide flood: adjustable optics make accent aiming quick. EQUATOR comes in three sizes, Mini, Equator and Grande, up to 2300lm, with five CCTs at 90 CRI in black or white.

Art Gallery

Show Room

Retail Store

Hospitality



Key Specifications

Electrical

Input voltage	120V
Power factor	> 0.9
THD	< 20%
Dimming	TRIAC · ELV
Power	14W · 20W · 29W

Optical

Lumens	1000lm · 1660lm · 2300lm
Efficacy	72 · 83 · 79lm/W
CRI	90
CCT	27K · 30K · 35K · 40K · 50K
Distribution	Narrow 15-53° · Flood 19-52° Wide 20-44°

Physical

Size	Mini · Equator · Grande
Aperture	2.4in · 2.8in · 3.1in
Mounting	Track system · Monopoint
Adapter	Juno · Global · Halo · Lightolier
Finish	Black · White
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

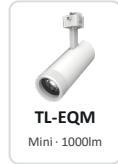
Rated for 70% initial lumen output at 50000h of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

Ordering Guide - Fixture

Assembled Catalog Number

[RESET](#)

01 FIXTURE FAMILY



ERALUX Equator Series

Track heads. TL-EQM Mini: 2.4in aperture. TL-EQ: 2.8in aperture. TL-EQG Grande: 3.1in aperture.

02 INPUT VOLTAGE



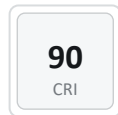
12
120V

03 DISTRIBUTION



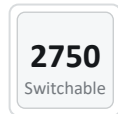
-VA
Variable distribution: 15° to 53° (Mini) · 19° to 52° (Equator) · 20° to 44° (Grande)

04 CRI



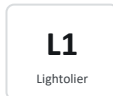
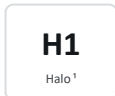
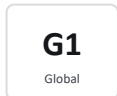
P
Premium 90 CRI

05 CCT

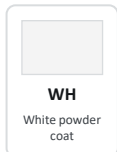
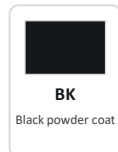


2750
27/30/35/40/50K CCT switchable

06 ADAPTER



07 FINISH



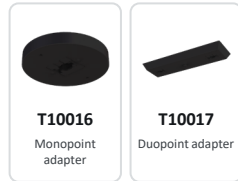
1. Juno and Halo adapters are compatible with 120V only. Mounting adapters, track and track components are ordered from page 03.

Accessory Ordering Guide

Mounting Adapter

[RESET](#)

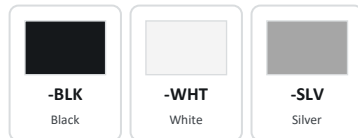
01 MOUNTING



Surface / wall mount

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

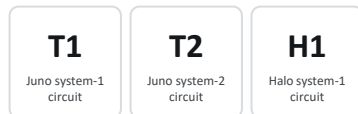
02 FINISH



Track System

[RESET](#)

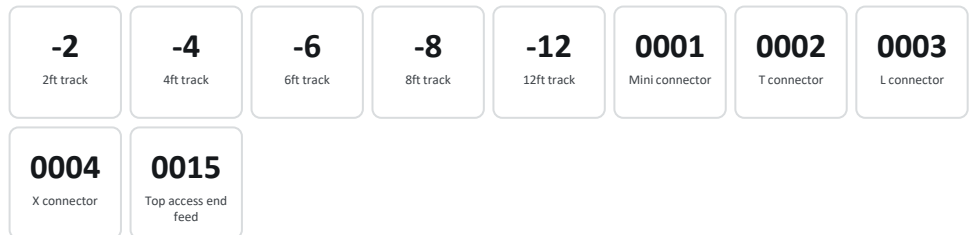
01 TRACK SYSTEM



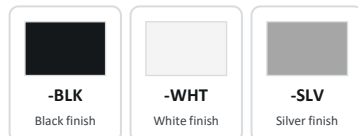
ERALUX Track

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

02 COMPONENT



03 FINISH



Track details: eralux.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).

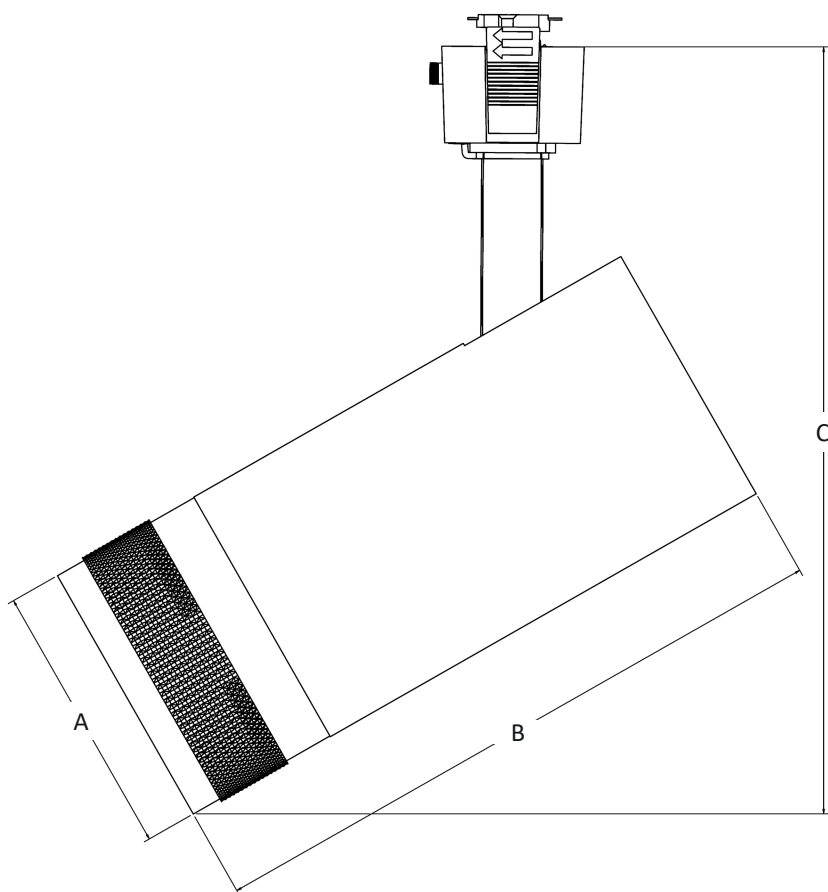
Dimensions

All dimensions in inches. Installation instructions: [Install Instruction link](#)

TL-EQX12

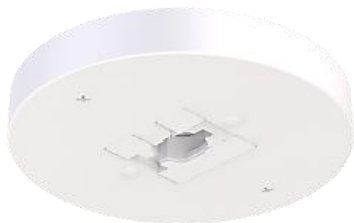
	TL-EQM12	TL-EQ12	TL-EQG12
A	Ø 2.43in	Ø 2.82in	Ø 3.13in
B	6.28in	6.66in	6.89in
C	7.32in	7.88in	8.28in

Rotation up to 355°. TL-EQM12 Equator Mini · TL-EQ12 Equator · TL-EQG12 Equator Grande.



Accessories

Mounting Adapters



T10016

Monopoint adapter

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



T10017

Duopoint adapter

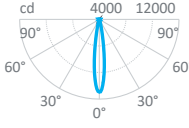
Surface / wall mount. Compatible with Juno system. 2 track heads can be installed.

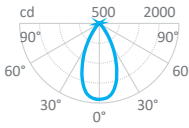
Photometric Data

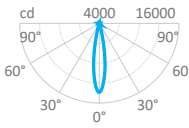
Lumen Estimate Adjustment Factors

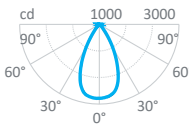
2700K $\times 0.93$ 3000K $\times 1$ 3500K/4000K $\times 1.06$

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

TL-EQM12-VAP2750XXX					DISTANCE	CENTER Fc	BEAM WIDTH	
EQUATOR MINI 15°								
	ZONE	LUMENS	% FIXTURE					
	0-20°	902.47	82.13		1.7ft	3784	0.5ft	0.5ft
Wattage	14.8W	0-30°	981.61	89.33	3.3ft	1004	0.9ft	0.9ft
CCT	3000K	0-40°	1017.42	92.59	5.0ft	437	1.3ft	1.3ft
Distribution	15°	0-60°	1057.33	96.23	6.7ft	244	1.8ft	1.8ft
CBCP	10937	0-80°	1074.36	97.77	8.3ft	159	2.2ft	2.2ft
	0-90°	1078.38	98.14		10.0ft	109	2.7ft	2.7ft
					Vert. spread			15.3°
					Horiz. spread			15.2°

TL-EQM12-VAP2750XXX					DISTANCE	CENTER Fc	BEAM WIDTH	
EQUATOR MINI 53°								
	ZONE	LUMENS	% FIXTURE					
	0-20°	612.67	43.39		1.7ft	659	1.6ft	1.6ft
Wattage	14.7W	0-30°	1046.21	74.09	3.3ft	175	3.1ft	3.1ft
CCT	3000K	0-40°	1289.31	91.30	5.0ft	76.2	4.7ft	4.7ft
Distribution	50°	0-60°	1373.57	97.27	6.7ft	42.4	6.3ft	6.2ft
CBCP	1904	0-80°	1387.82	98.28	8.3ft	27.6	7.7ft	7.7ft
	0-90°	1391.55	98.54		10.0ft	19.0	9.3ft	9.3ft
					Vert. spread			50.0°
					Horiz. spread			50.0°

TL-EQ12-VAP2750XXX		ZONE	LUMENS	% FIXTURE		DISTANCE	CENTER Fc	BEAM WIDTH	
EQUATOR 19°									
		0-20°	1420.83	87.51		1.7ft	4793	0.5ft	0.6ft
Wattage	19.9W	0-30°	1501.32	92.47		3.3ft	1272	1.1ft	1.1ft
CCT	3000K	0-40°	1533.53	94.45		5.0ft	554	1.6ft	1.6ft
Distribution	18°	0-60°	1574.45	96.97		6.7ft	309	2.2ft	2.2ft
CBCP	13850	0-80°	1592.32	98.07		8.3ft	201	2.7ft	2.7ft
		0-90°	1598.51	98.45		10.0ft	139	3.2ft	3.2ft
						Vert. spread			18.4°
						Horiz. spread			18.4°

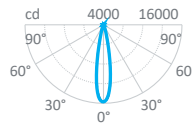
TL-EQ12-VAP2750XXX					DISTANCE	CENTER Fc	BEAM WIDTH	
EQUATOR 52°								
	ZONE	LUMENS	% FIXTURE					
	0-20°	949.77	45.04		1.7ft	963	1.7ft	1.7ft
Wattage	19.9W	0-30°	1649.66	78.23	3.3ft	256	3.3ft	3.3ft
CCT	3000K	0-40°	1986.90	94.22	5.0ft	111	5.0ft	5.0ft
Distribution	53°	0-60°	2071.36	98.23	6.7ft	62.0	6.7ft	6.6ft
CBCP	2782	0-80°	2081.53	98.71	8.3ft	40.4	8.2ft	8.2ft
	0-90°	2085.43	98.89		10.0ft	27.8	9.9ft	9.9ft
					Vert. spread			52.8°
					Horiz. spread			52.7°

Photometric Data

TL-EQG12-VAP2750XXX

EQUATOR GRANDE 20°

		ZONE	LUMENS	% FIXTURE
		0-20°	1866.46	79.21
Wattage	28.2W	0-30°	2078.53	88.21
CCT	3000K	0-40°	2173.85	92.26
Distribution	19°	0-60°	2274.85	96.54
CBCP	15690	0-80°	2318.87	98.41
		0-90°	2329.36	98.86

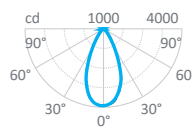


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	5429	0.6ft	0.6ft
3.3ft	1441	1.1ft	1.1ft
5.0ft	628	1.7ft	1.7ft
6.7ft	350	2.3ft	2.3ft
8.3ft	228	2.8ft	2.8ft
10.0ft	157	3.4ft	3.4ft
Vert. spread		19.4°	
Horiz. spread		19.4°	

TL-EQG12-VAP2750XXX

EQUATOR GRANDE 44°

		ZONE	LUMENS	% FIXTURE
		0-20°	1241.14	44.61
Wattage	28.3W	0-30°	2067.14	74.30
CCT	3000K	0-40°	2492.87	89.60
Distribution	48°	0-60°	2716.77	97.65
CBCP	3919	0-80°	2747.66	98.76
		0-90°	2753.14	98.95



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1356	1.5ft	1.5ft
3.3ft	360	2.9ft	3.0ft
5.0ft	157	4.4ft	4.5ft
6.7ft	87.3	5.9ft	6.0ft
8.3ft	56.9	7.4ft	7.5ft
10.0ft	39.2	8.9ft	9.0ft
Vert. spread		47.8°	
Horiz. spread		48.5°	

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	DV-600P · DVELV-303P · S-603P · NTLV-600 · SF-10P · S2-L · MA-1000 · S-600P · LGCL-153P
Cooper	9530 · SLC03P

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