

NUSTAR

A semi-exposed heatsink and die-cast aluminum housing give NUSTAR better heat dissipation for longer LED and driver life. Choose a 2.25in aperture at 13.5W and 1148lm or a 2.75in aperture at 29W and 2407lm, with 90 CRI and four CCTs.

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	13.5W · 29W

Optical

Lumens	1148lm · 2407lm
Efficacy	~77-92lm/W
CRI	90
CCT	2700K · 3000K · 3500K · 4000K
Distribution	21° · 31° · 36°

Physical

Aperture	2.25in · 2.75in
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-NS

01 FIXTURE FAMILY



AE-TL-NS
ERALUX NuSTAR track head

02 LUMEN

14 13.5W 1148lm	31 29W 2407lm	14 · 31 At 3500K. 14: 85lm/W · 31: 83lm/W
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03 INPUT VOLTAGE

120 V	12 120V
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04 DISTRIBUTION

 NF Narrow flood 21°	 FL Flood 31°	 WF Wide flood 36°
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05 CRI

90 CRI	P Premium 90 CRI
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06 CCT

 27 2700K	 30 3000K	 35 3500K	 40 4000K
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07 ADAPTER

J1 Juno ¹	G1 Global	H1 Halo ¹	L1 Lightolier
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08 FINISH

 BK Black powder coat	 WH White powder coat	 SV Silver powder coat
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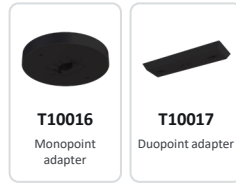
1. Juno and Halo adapters are compatible with 120V only. Mounting adapters, track and track components are ordered from page 03.

Accessory Ordering Guide

Mounting Adapter

[RESET](#)

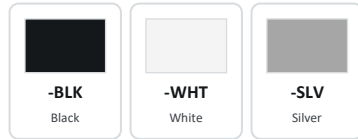
01 MOUNTING



Surface / wall mount

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

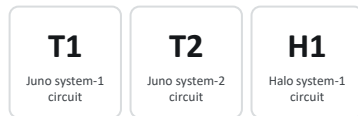
02 FINISH



Track System

[RESET](#)

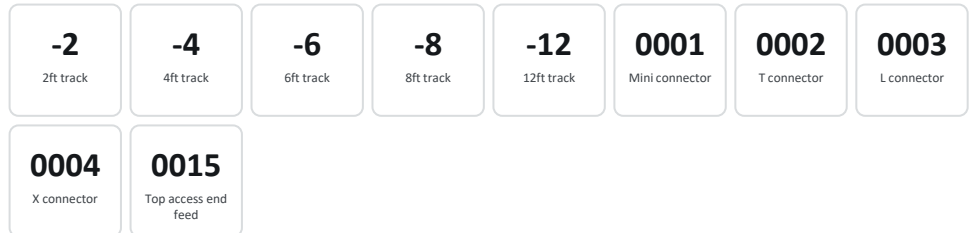
01 TRACK SYSTEM



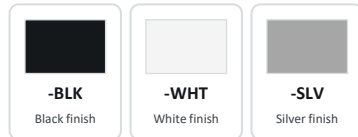
ERALUX Track

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

02 COMPONENT



03 FINISH

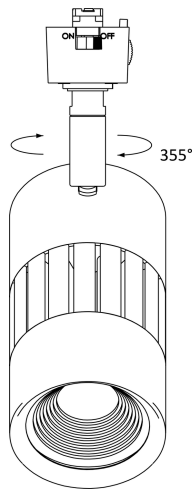


Track details: [ERALUX Track T1](#) · [ERALUX Track T2](#) · [ERALUX Track H1](#)

Dimensions

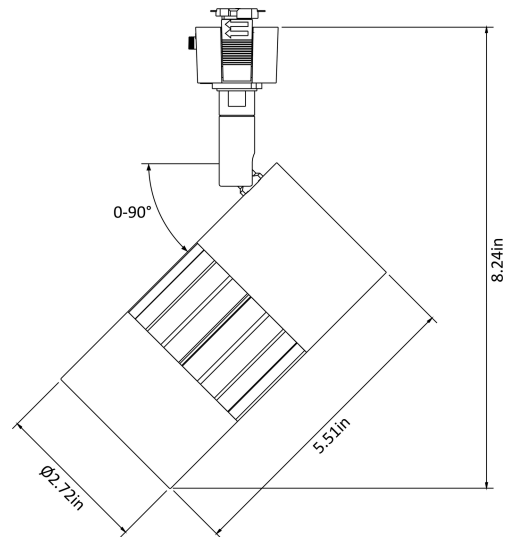
All dimensions in inches.

AE-TL-NS14



Front

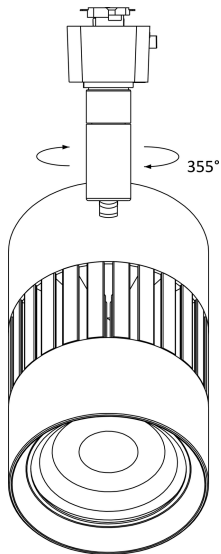
Rotation up to 355°



Side

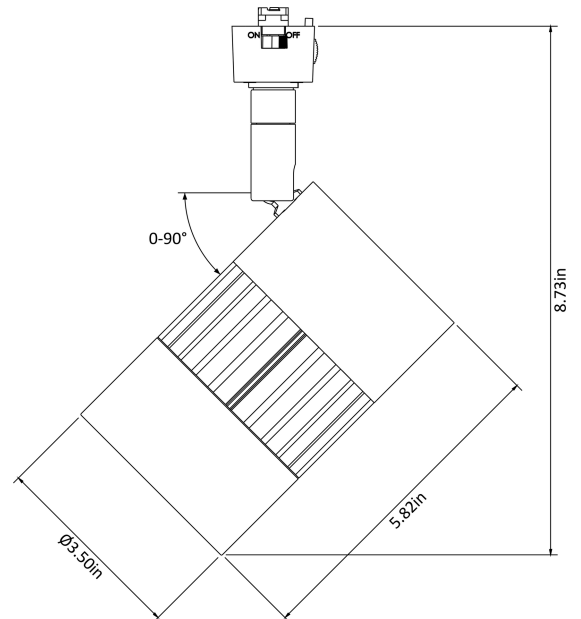
Tilt +/- 90°

AE-TL-NS31



Front

Rotation up to 355°

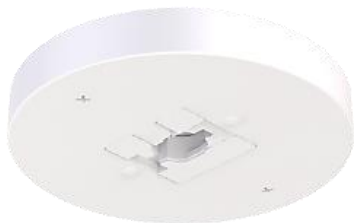


Side

Tilt +/- 90°

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.



Installed

On a monopoint adapter

Photometric Data

Lumen Estimate Adjustment Factors

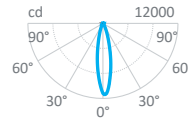
2700K $\times 0.93$ 3000K $\times 1$ 3500K/4000K $\times 1.06$

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

AE-TL-NS3112NFXXXX1XX

21° NARROW FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	1735.87	65.43
Wattage	28.3W	0-30°	2168.48	81.74
CCT	3000K	0-40°	2388.89	90.05
Distribution	22°	0-60°	2582.87	97.36
CBCP	11178	0-80°	2616.80	98.64
		0-90°	2622.19	98.84

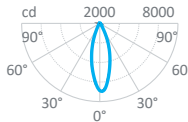


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	3868	0.6ft	0.7ft
3.3ft	1026	1.3ft	1.3ft
5.0ft	447	1.9ft	1.9ft
6.7ft	249	2.6ft	2.6ft
8.3ft	162	3.2ft	3.2ft
10.0ft	112	3.8ft	3.9ft
Vert. spread		21.6°	
Horiz. spread		22.0°	

AE-TL-NS3112FLXXXX1XX

31° FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	1540.28	58.58
Wattage	28.3W	0-30°	2172.56	82.62
CCT	3000K	0-40°	2399.89	91.27
Distribution	31°	0-60°	2558.47	97.30
CBCP	6877	0-80°	2593.36	98.63
		0-90°	2598.59	98.83

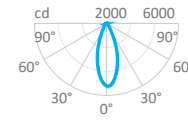


DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	2380	0.9ft	1.0ft
3.3ft	632	1.8ft	1.9ft
5.0ft	275	2.8ft	2.8ft
6.7ft	153	3.7ft	3.8ft
8.3ft	99.8	4.6ft	4.7ft
10.0ft	68.8	5.6ft	5.6ft
Vert. spread		31.2°	
Horiz. spread		31.4°	

AE-TL-NS3112WFXXXX1XX

36° WIDE FLOOD

		ZONE	LUMENS	% FIXTURE
		0-20°	1328.83	53.35
Wattage	28.3W	0-30°	1944.69	78.07
CCT	3000K	0-40°	2213.12	88.85
Distribution	36°	0-60°	2411.78	96.82
CBCP	5208	0-80°	2458.11	98.68
		0-90°	2463.08	98.88



DISTANCE	CENTER Fc	BEAM WIDTH	
1.7ft	1802	1.1ft	1.1ft
3.3ft	478	2.2ft	2.2ft
5.0ft	208	3.3ft	3.3ft
6.7ft	116	4.4ft	4.4ft
8.3ft	75.6	5.5ft	5.4ft
10.0ft	52.1	6.6ft	6.6ft
Vert. spread		36.5°	
Horiz. spread		36.3°	

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

AE-TL-NS1412

Lutron **Skylark S 603PGI (1) · Diva DVCL-153PR · Ariadni SY-600P-AL · Maestro MRF2-600M-WH · Skylark S-600P-A**

Diva DV-600P-WH · Nova N-600 · Skylark SLV-600-WH · Glyder GLV-600-WH

Legrand **Paddle ADPD453L-W2**

Cooper **Aspire 9573WS · Devine DI06P-A-K**

Leviton **Illumatech IPI06 · Sureslide 6631-LW · Sureslide 6613-PL**

AE-TL-NS3112

Leviton **IPI06-10 · IPI06 · 6633-P · 6631 · VPI06**

Lutron **DVF-103P · SELV-300P · TT-150NLH-JA · CTCL-153PDH · TG600PRWH · S600PR-WH**

Panasonic **NQ20345 · WT57615WK · WN575259**

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