

NuSTAR



TRACK LED LIGHT

Cylinder Track Head | 2.25" & 2.75" Aperture

The NuSTAR is a track head that includes a semi-exposed heatsink designed to maximize energy efficiency and features an integrated driver enclosure. This track fixture is available in two lumen packages, each with its corresponding geometry. It comes standard with a 90 CRI but also offers a HIGH-GAI (Gamut Area Index) option, catering to lighting professionals seeking enhanced visual effects on products.

Applications: Art Galleries | Show Rooms | Retail Stores | Hospitality.

	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				
ACCESSORY PN				
NOTES				



DYNAMIC MENU

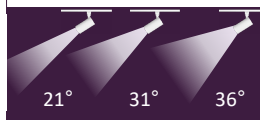
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Accessories	Page 4
Photometric Data	Page 6

[Install Instruction link](#)

SPECIFICATIONS

Input Voltage	120V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Dimming Page 5	TRIAC dimming
CRI	90 CRI
CCT	<div style="display: flex; gap: 10px;"> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #fff9c4; display: flex; align-items: center; justify-content: center;">27K</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #fff176; display: flex; align-items: center; justify-content: center;">30K</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #e0e0e0; display: flex; align-items: center; justify-content: center;">35K</div> <div style="border: 1px solid black; border-radius: 50%; width: 20px; height: 20px; background-color: #bbdefb; display: flex; align-items: center; justify-content: center;">40K</div> </div>
Efficacy	~77-92 lm/W
Power	13.5 W 29 W
Ambient Temperature Range	-10°C to 35°C
Mounting Adapter	Juno Global Halo Lightolier
Mounting Options	Track System Monopoint
Fixture Finish	Black White Silver

Distribution



PRODUCT CERTIFICATIONS



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 a thorough replacement instructions along with instructions on the return of the defective parts back to Eralux.

LUMEN MAINTENANCE – L70 at 50,000 hours

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES).

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ORDERING GUIDE

AE-TL-NS		12					
AE-TL-NS ERALUX NuSTAR Track Head	14 13.5 W 1148 lm 85 LPW	12 120V AC	NF Narrow Flood 21°	P Premium 90 CRI	27 2700K	J1 Juno	BK Black powder coat
	31 29 W 2407 lm 83 LPW		FL Flood 31°	S¹ Superior HIGH-GAI	30 3000K	G1 Global	WH White powder coat
	At 3500K		WF Wide Flood 36°		35 3500K	H1 Halo	SV Silver powder Coat
					40 4000K	L1 Lightolier	

Fixture Family	Lumen	Voltage	Distribution	CRI	CCT	Adapter	Finish
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1. Available only at 3000K & 3500K



ORDERING GUIDE-ACCESSORIES

Ordered separately

T10016 Monopoint Mounting	BK Black
T10017 Duopoint Mounting	WH White
Mounting	Finish

ORDERING GUIDE- TRACK SYSTEM

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

Refer to the links below for more information

T1
ERALUX Track T1
Compatible with Juno system-1 circuit

T2
ERALUX Track T2
Compatible with Juno system-2 circuit

H1
ERALUX Track H1
Compatible with Halo system-1 circuit

- 2** 2ft track
- 4** 4ft track
- 6** 6ft track
- 8** 8ft track
- 12** 12ft track
- 0001** Mini I Connector
- 0002** T Connector
- 0003** L Connector
- 0004** X Connector
- 0015** End Feed

-BK
Black Finish

-WH
White Finish

Track System	Components	Finish	PN	QTY
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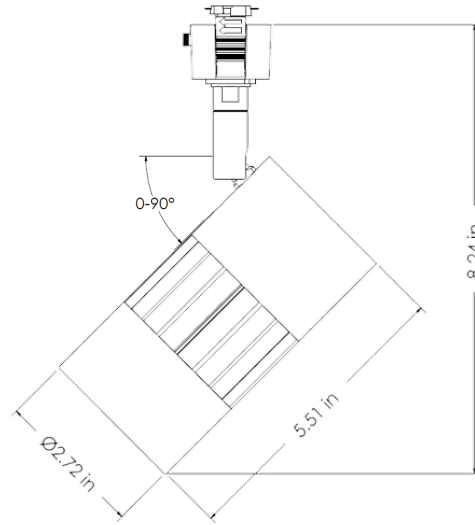
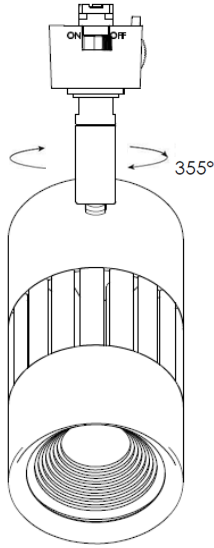
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DIMENSIONS

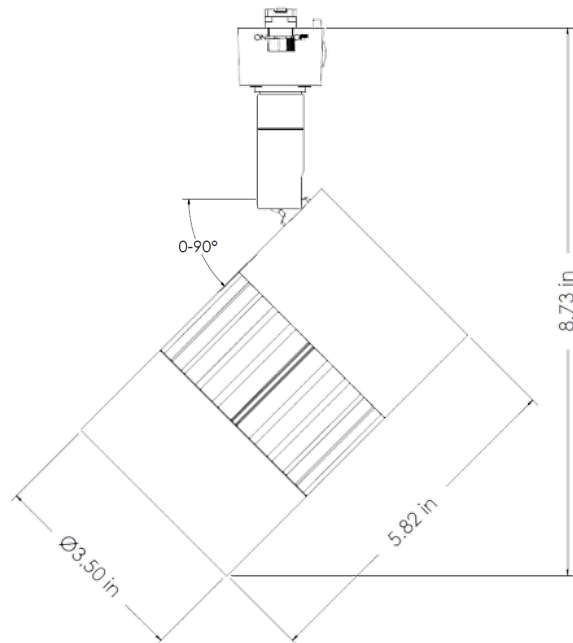
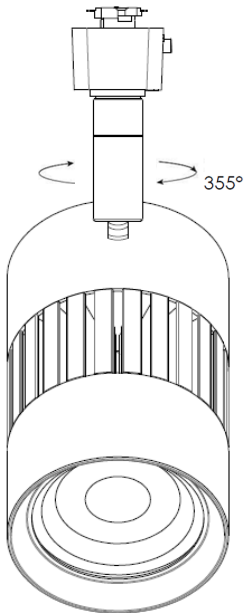
AE-TL-NS14

- Rotation up to 355°
- Tilt +/- 90°





AE-TL-NS31

- Rotation up to 355°
- Tilt +/- 90°



ACCESSORIES

MOUNTING

ORDERING CODE		DESCRIPTION	PICTURE
T10016	-WH	Monopoint adapter Surface / wall mount Compatible with Juno system 1 Track head can be installed.	
	-BK		
T10017	-WH	Duopoint adapter Surface / wall mount Compatible with Juno system. 2 Track heads can be installed.	
	-BK		

TRACK LED LIGHT

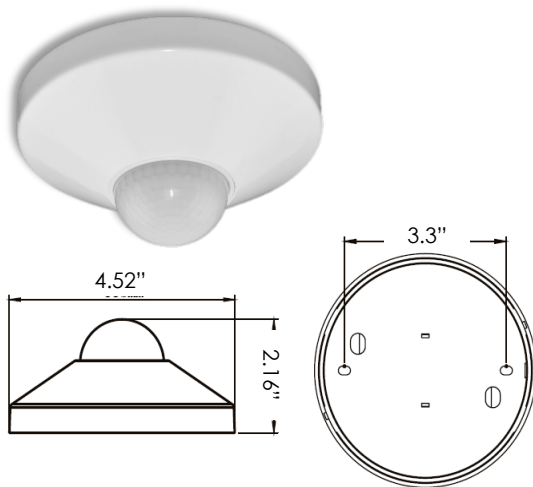
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ROOM OCCUPANCY SENSOR

Ordered separately, field installed

PART NUMBER	DESCRIPTION
AE-CT-DT806	Detecta - Room Occupancy Sensor
RC102	RC102 Remote Control

SPECIFICATIONS		
Input Voltage	120-277 Vac	
Power Frequency	50/60HZ	
Rated Load	At 120 Vac	800W
	At 277 Vac	1200W
Detection Range	3-10 Meters	
	9.8-32.75 Feet	
Standby Power	~0.9W	
Time Setting	10 sec to 30 min	
Light Control	10-2,000LUX	
Installation	Ceiling Mounted	



DIMMER COMPATIBILITY LIST

TRIAC/ELV Dimming

AE-TL-NS1412

Brand	Model	Brand	Model		
Lutron	Skylark S 603PGI (1)	Lutron	Diva DV-600P-WH	Cooper	Aspire 9573WS
	Diva DVCL-153PR		Nova N-600		Devine DI06P-A-K
	Ariadni SY-600P-AL		Skylark SLV-600-WH	Leviton	Illuminatech IPI06
	Maestro MRF2-600M-WH		Glyder GLV-600-WH		Sureslide 6631-LW
	Skylark S-600P-A	Legrand Paddle ADPD453L-W2	Sureslide 6613-PL		

AE-TL-NS3112

Brand	Model	Brand	Model		
Leviton	IPI06-10	Lutron	DVF-103P	Lutron	S600PR-WH
	IPI06		SELV-300P		NQ20345
	6633-P		TT-150NLH-JA	Panasonic	WT57615WK
	6631		CTCL-153PDH		WN575259
	VPI06		TG600PRWH		

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LUMEN ESTIMATE

Lumen output varies based on CCT and CRI. An estimate of lumen output of the various CCT/CRI combinations, use correction factors as per table below:

LUMEN ESTIMATE ADJUSTMENT FACTORS

CCT	2700K	3000K	3500K	4000K
PREMIUM (90CRI)	0.78	0.81	0.84	0.86
SUPERIOR (HIGH GAI)	N/A	0.73	0.78	N/A

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-TL-NS3112NFXXX1XX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	29W	0-20°	1735.87	65.4		1.7ft	3868 fc	0.6 ft	0.7 ft
CCT	3000K	0-30°	2168.48	81.7		3.3ft	1026 fc	1.3 ft	1.3 ft
Distribution	21°	0-40°	2388.89	90		5.0ft	447 fc	1.9 ft	1.9 ft
CBCP	5309	0-60°	2582.87	97.4		6.7ft	249 fc	2.6 ft	2.6 ft
		0-80°	2616.8	98.6		8.3ft	162 fc	3.2 ft	3.2 ft
		0-90°	2622.19	98.8	10.0ft	112 fc	3.8 ft	3.8 ft	

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-TL-NS3112FLXXX1XX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	29W	0-20°	1540.28	58.6		1.7ft	2380 fc	0.9 ft	1.0 ft
CCT	3000K	0-30°	2172.56	82.6		3.3ft	632 fc	1.8 ft	1.9 ft
Distribution	31°	0-40°	2399.89	91.3		5.0ft	275 fc	2.8 ft	2.8 ft
CBCP	3242	0-60°	2558.47	97.3		6.7ft	153 fc	3.7 ft	3.8 ft
		0-80°	2593.36	98.6		8.3ft	99.8 fc	4.6 ft	4.7 ft
		0-90°	2598.59	98.8	10.0ft	68.8 fc	5.6 ft	5.6 ft	

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-TL-NS3112WFXXX1XX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc		Beam Width	
Wattage	29W	0-20°	1328.83	53.3		1.7ft	1802 fc	1.1 ft	1.1 ft
CCT	3000K	0-30°	1944.69	78.1		3.3ft	478 fc	2.2 ft	2.2 ft
Distribution	36°	0-40°	2213.12	88.8		5.0ft	208 fc	3.3 ft	3.3 ft
CBCP	2450	0-60°	2411.78	96.8		6.7ft	116 fc	4.4 ft	4.4 ft
		0-80°	2458.11	98.7		8.3ft	75.6 fc	5.4 ft	5.4 ft
		0-90°	2463.08	98.9	10.0ft	52.1 fc	6.6 ft	6.5 ft	

OVERVIEW



Innovative Design

- Aluminum die cast housing for better heat dissipation.
- Improved heatsink body design extends LED and driver lifespan.



Multiple Options

- Low (13.5W) and high (29W) powers.
- 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.



Tests And Certifications

