

# 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 and caters 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

Order Information	<a href="#">Page 2</a>
Dimensions	<a href="#">Page 3</a>
Accessories	<a href="#">Page 4</a>
Photometric Data	<a href="#">Page 6</a>

[Install Instruction Link](#)

### SPECIFICATIONS

Input Voltage	120V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Dimming <a href="#">Page 5</a>	TRIAC dimming
CRI	90 CRI
CCT	<span style="border: 1px solid black; border-radius: 50%; padding: 2px;">27K</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px; margin-left: 10px;">30K</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px; margin-left: 10px;">35K</span> <span style="border: 1px solid black; border-radius: 50%; padding: 2px; margin-left: 10px;">40K</span>
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	<div style="display: flex; justify-content: space-around; align-items: center;"> <span>Narrow</span> <span>Flood</span> <span>Wide</span> </div>



### 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

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

<b>Fixture Family</b>	<b>Lumen</b>	<b>Voltage</b>	<b>Distribution</b>	<b>CRI</b>	<b>CCT</b>	<b>Adapter</b>	<b>Finish</b>
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### ORDERING GUIDE-ACCESSORIES

Ordered separately

<b>T10016</b> Monopoint Mounting	<b>-BLK</b> Black
<b>T10017</b> Duopoint Mounting	<b>-WHT</b> White
	<b>-SLV</b> Silver

<b>Mounting</b>	<b>Finish</b>
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### ORDERING GUIDE- TRACK SYSTEM

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

Refer to the links below for more information

<b>T1</b> ERALUX Track T1 Compatible with Juno system-1 circuit	<b>-2</b> 2ft track		
	<b>-4</b> 4ft track	<b>-BK</b> Black Finish	
	<b>-6</b> 6ft track		
	<b>-8</b> 8ft track		
	<b>-12</b> 12ft track	<b>-WH</b> White Finish	
<b>T2</b> ERALUX Track T2 Compatible with Juno system-2 circuit	<b>0001</b> Mini I Connector		
	<b>0002</b> T Connector		
	<b>0003</b> L Connector	<b>-SV</b> Silver Finish	
<b>H1</b> ERALUX Track H1 Compatible with Halo system-1 circuit	<b>0004</b> X Connector		
	<b>0015</b> End Feed		

<b>TRACK SYSTEM</b>	<b>Track System</b>	<b>Finish</b>	<b>PN</b>	<b>QTY</b>
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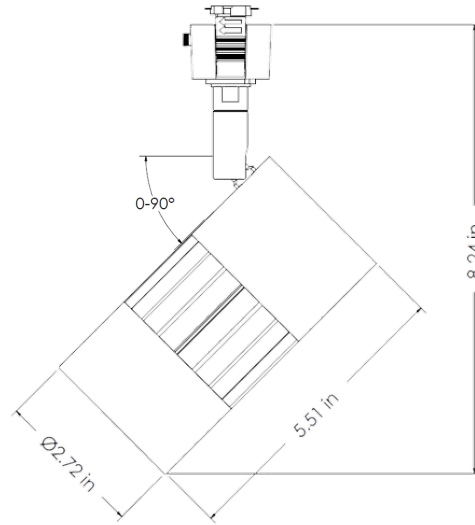
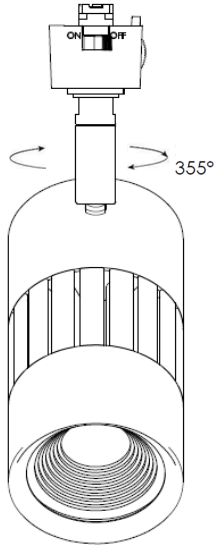
## TRACK LED LIGHT

Cylinder Track Head | 2.25" & 2.75" Aperture

### DIMENSIONS

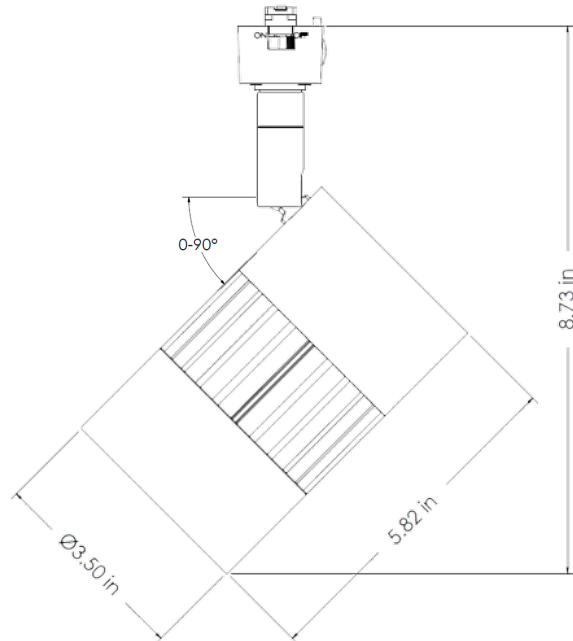
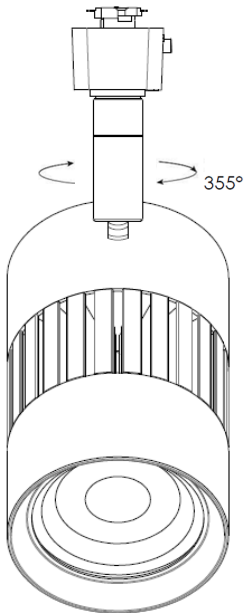
AE-TL-NS14

- 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

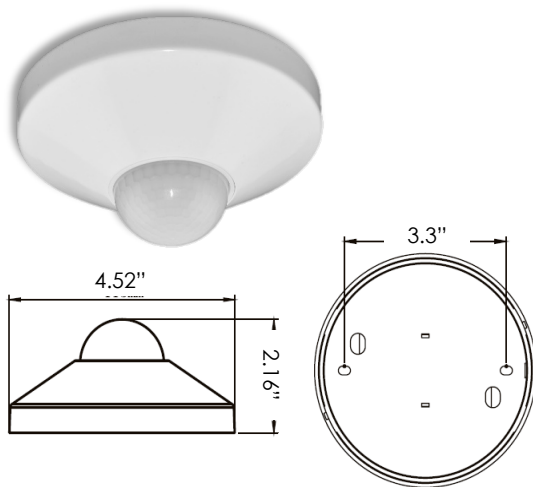
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### ROOM OCCUPANCY SENSOR

Ordered separately, field installed

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

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



### DIMMER COMPATIBILITY LIST

TRIAC/ELV Dimming

AE-TL-NS1412

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

AE-TL-NS3112

Brand	Model	Brand	Model	Brand	Model
<b>Leviton</b>	IPI06-10	<b>Lutron</b>	DVF-103P	<b>Lutron</b>	S600PR-WH
	IPI06		SELV-300P		NQ20345
	6633-P		TT-150NLH-JA	<b>Panasonic</b>	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

### PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-TL-NS3112NFXXXX1XX		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	
						■ Vert. Spread: 21.6° ■ Horiz. Spread: 21.7°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-TL-NS3112FLXXXX1XX		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	
						■ Vert. Spread: 31.2° ■ Horiz. Spread: 31.4°			

PART NUMBER		ZONAL LUMEN SUMMARY			POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION			
AE-TL-NS3112WFXXXX1XX		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	
						■ Vert. Spread: 36.3° ■ Horiz. Spread: 36.1°			

### 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

