

EUCLID

TRACK LED LIGHT

Cylinder Track Head | 1.5", 2.2", 2.7", 3.7" Aperture

Introducing the EUCLID series, featuring a vertical driver enclosure and semi-exposed heatsink for a striking aesthetic. Available in black, white, silver, or unique combinations, it offers a distinctive look for your store. With power options up to 4320 lumens, it ensures bright, efficient lighting. Its durable aluminum casing provides excellent heat dissipation and versatile beam angles for showcasing products.

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

	DATE	QTY	ACC. QTY	TYPE
PROJECT				
PN				
ACCESSORY PN				
NOTES				

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[Install Instruction link](#)

SPECIFICATIONS

Input Voltage	120V
Power Factor	>0.9
Total Harmonic Distortion	<20%
Dimming Page 4	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	~81-94 lm/W
Power	14 W 19 W 27W 51W
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	Flood Wide Very Wide



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-EL		12		P			
AE-TL-EL ERALUX Euclid Track Head	14 14 W 1220 lm	12 120V	FL Flood 20°	P Premium 90 CRI	27 2700K	J1 Juno	BK Black powder coat
	17 19 W 1680 lm		WF Wide Flood 40°		30 3000K	G1 Global	WH White powder coat
	25 27 W 2210 lm		VF Very Wide Flood 60°		35 3500K	H1 Halo	SV Silver powder coat
	45 51 W 4320 lm				40 4000K	L1 Lightolier	
Fixture Family	Lumen	Voltage	Distribution	CRI	CCT	Adapter	Finish



ORDERING GUIDE-ACCESSORIES

Ordered separately

T10016 Monopoint Mounting	-BLK Black
T10017 Duopoint Mounting	-WHT White
	-SLV Silver
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	-2 2ft track	-BK Black Finish	
T2 ERALUX Track T2 Compatible with Juno system-2 circuit	-4 4ft track	-WH White Finish	
H1 ERALUX Track H1 Compatible with Halo system-1 circuit	-6 6ft track	-SV Silver Finish	
	-8 8ft track		
	-12 12ft track		
	0001 Mini I Connector		
	0002 T Connector		
	0003 L Connector		
	0004 X Connector		
	0015 End Feed		
TRACK SYSTEM	Track System	Finish	PN
			QTY

TRACK LED LIGHT

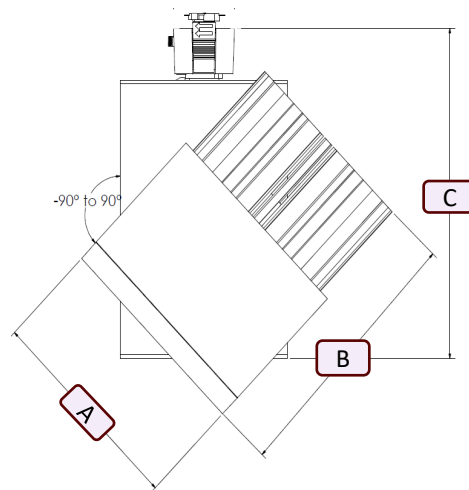
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DIMENSIONS

AE-TL-EL

- Rotation up to 355°
- Tilt +/- 90°

Dimensions				
	AE-TL-EL14	AE-TL-EL17	AE-TL-EL25	AE-TL-EL45
A	Ø 2.28 in	Ø 2.76 in	Ø 3.60 in	Ø 4.79 in
B	3.15 in	4.33 in	5.78 in	6.00 in
C	5.00 in	5.62 in	7.19 in	7.19 in



ACCESSORIES

MOUNTING

ORDERING CODE	DESCRIPTION	PICTURE
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.	

TRACK LED LIGHT

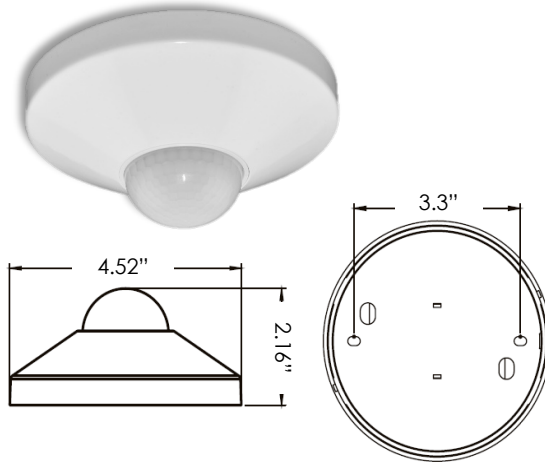
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ROOM OCCUPANCY SENSOR

Ordered separately, field installed

PART NUMBER	DESCRIPTION
AE-CT-DT806	Line Voltage Motion 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

Brand	Model	Brand	Model
Lutron	S-603PG	Leviton	IPI06-1LZ
	DVCL-153P		6631-2
	DV-600P		VPE06
	TGCL-153P		6683-IW
	S-600P		6161
	DVELV-303P		6633-P
	SELV-300P		IPE04
	TG-600P		DLC03P
	LG-600P	Cooper	SLC03P
	CT-103P		DAL06P
	MAELV-600	Lightolier	ZP260QEW
	FAELV-500		
	DVLV-600		
	SELV-300P		
	NFTU-5A		
	GL-600H		
	PHPM		

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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	3000K	3500K	4000K
PREMIUM (90CRI)	0.86	0.93	0.93

PHOTOMETRIC DATA

PART NUMBER		ZONAL LUMEN SUMMARY		POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION				
AE-CDM-12HNF30XXJ1BK		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width		
Wattage	51W	0-20°	2564.91	56		1.7ft	5746 fc	0.6 ft	0.6 ft
CCT	3000K	0-30°	3764.1	82.2		3.3ft	1525 fc	1.2 ft	1.2 ft
Distribution	20°	0-40°	4258.02	93		5.0ft	664 fc	1.7 ft	1.8 ft
		0-60°	4397.12	96.1		6.7ft	370 fc	2.3 ft	2.4 ft
		0-80°	4487.27	98		8.3ft	241 fc	2.9 ft	3.0 ft
		0-90°	4503.72	98.4		10.0ft	166 fc	3.5 ft	3.6 ft
					■ Vert. Spread: 19.8° ■ Horiz. Spread: 20.4°				

PART NUMBER		ZONAL LUMEN SUMMARY		POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION				
AE-CDM-12HFLP30XXXXXX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width		
Wattage	51W	0-20°	2330.79	49.1		1.7ft	2889 fc	1.2 ft	1.3 ft
CCT	3000K	0-30°	3693.29	77.8		3.3ft	767 fc	2.4 ft	2.4 ft
Distribution	40°	0-40°	4233.75	89.2		5.0ft	334 fc	3.6 ft	3.7 ft
		0-60°	4432.52	93.3		6.7ft	186 fc	4.9 ft	5.0 ft
		0-80°	4568.83	96.2		8.3ft	121 fc	6.1 ft	6.1 ft
		0-90°	4601.83	96.9		10.0ft	83.5 fc	7.3 ft	7.4 ft
					■ Vert. Spread: 40.1° ■ Horiz. Spread: 40.6°				

PART NUMBER		ZONAL LUMEN SUMMARY		POLAR LUMINOUS INTENSITY	CONE DISTRIBUTION				
AE-TL-CDM-12HWFP30X1XX		Zone	Lumens	% Fixture	Direct Light	Center Beam Fc	Beam Width		
Wattage	51W	0-20°	1726.93	39.8		1.7ft	1816 fc	1.9 ft	1.9 ft
CCT	3000K	0-30°	3199.71	73.7		3.3ft	482 fc	3.7 ft	3.7 ft
Distribution	60°	0-40°	3988.36	91.8		5.0ft	210 fc	5.6 ft	5.6 ft
		0-60°	4213.11	97		6.7ft	117 fc	7.5 ft	7.5 ft
		0-80°	4286.06	98.7		8.3ft	76.2 fc	9.3 ft	9.3 ft
		0-90°	4296.85	98.9		10.0ft	52.5 fc	11.2 ft	11.2 ft
					■ Vert. Spread: 58.6° ■ Horiz. Spread: 58.6°				

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OVERVIEW



Innovative Design

- Selected aluminum for better heat dissipation.
- Improved design extends LED and driver lifespan.



Multiple Options

- Variety of beam angles.
- Four CCTs available.
- Black, white, and silver finishes.
- Four different sizes available: 14, 19, 27 and 51 W



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

