

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					
AE-TL-EL ERALUX Euclid Track Head	14 14 W 1220 lm 17 19 W 1680 lm 25 27 W 2210 lm 45¹ 51 W 4320 lm	12 120V	FL Flood 20° WF Wide Flood 40° VF Very Wide Flood 60°	P Premium 90 S² High GAI	27 2700K 30 3000K 35 3500K 40 4000K	J1 Juno G1 Global H1 Halo L1 Lightolier	BK Black powder coat WH White powder coat SV Silver powder Coat
Fixture Family	Lumen	Voltage	Distribution	CRI	CCT	Adapter	Finish

1. AE-TL-EL45 not available in High GAI
2. Available only at 300K & 3500K



ORDERING GUIDE-ACCESSORIES

Ordered separately

T10016 Monopoint Mounting T10017 Duopoint Mounting	BK Black 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	-2 2ft track -4 4ft track -6 6ft track -8 8ft track -12 12ft track
T2 ERALUX Track T2 Compatible with Juno system-2 circuit	0001 Mini I Connector 0002R T Connector 0003 L Connector 0004 X Connector 0015 End Feed
H1 ERALUX Track H1 Compatible with Halo system-1 circuit	

-BK
Black Finish

-WH
White Finish

TRACK SYSTEM	Track System	Finish	PN	QTY
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TRACK LED LIGHT

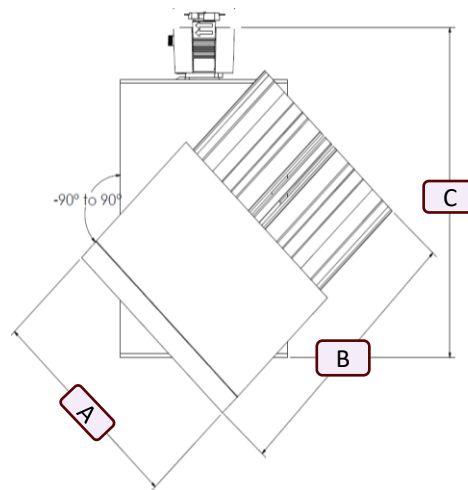
Cylinder Track Head | 1.5", 2.2", 2.7", 3.7" Aperture

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	-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

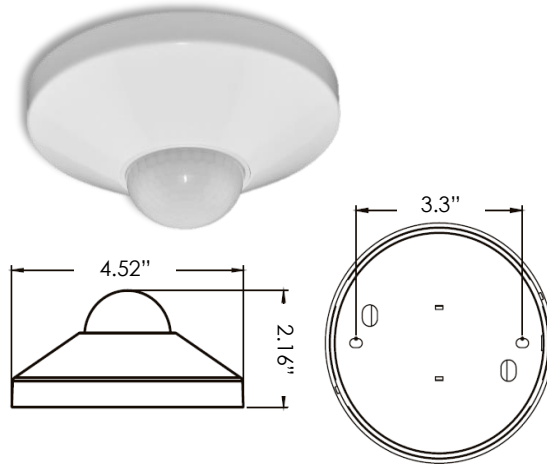
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ROOM OCCUPANCY SENSOR

Ordered separately, field installed

PART NUMBER	DESCRIPTION
AE-CT-DT806	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

