

Catalog #		Date		Prepared by	
Project		Type		Notes	



HALO

808E 3" Essential LED Track Luminaire

Engineered with cutting-edge LED technology that produces bright, high-efficacy lighting for general, accent, and display applications. Beautifully crafted with low glare and interchangeable optics, the 808E is ideal for lighting retail, hospitality, and mixed-use spaces.

Typical Applications

Education • Hospitality • Retail

Interactive Menu

- Order Information [page 2](#)
- Product Limited Warranty [page 3](#)
- Photometric Data [page 3](#)

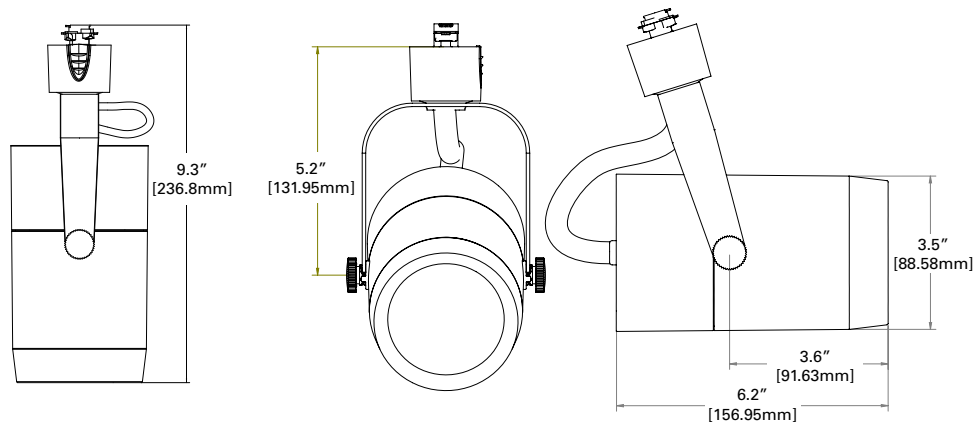
Product Certification



Top Product Features

- 3" Flatback Cylinder LEDTrack Head with deep regression and low glare
- High efficacy (>120 lpw) with precise center beam candle power
- 90+ CRI, 3000K with 3 lumen options: 1500, 1900, or 2500 lm
- Field-interchangeable Reflector Optics: 17° Spot, 24° Narrow Flood, or 32° Flood
- Dims to 5% (phase cut LE/TE) with compatible dimmers; 120V
- Die-cast Aluminum Finishes: Matte White, Matte Black, and Aluminum Haze
- L70 at 50,000 hours (70% lumen maintenance at 50,000 hours)
- 5-year warranty

Dimensional and Mounting Details



Note: Fixture to only be attached to horizontally installed track systems. Refer to ordering information for details.

Order Information

Icon Key: △ Configurable Product

SAMPLE ORDER NUMBER: **L808E19NF930MB**

Track	Series	Output	Optic	CRI & CCT	Finish	Voltage
L=Halo Power Trac & Lazer Track	808E=3" LED Track Luminaire	15=1500 lm 19=1900 lm 25=2500 lm	NF=24° Narrow Flood Optic (pre-installed)	930=3000K CCT; 90+ CRI	P=Matte White MB=Matte Black AH=Aluminum Haze	Blank=120V
Notes	Notes	Notes	Notes	Notes	Notes	Notes
Can be used in 1 & 2 circuit HALO Power-trac, and Lazer track system						

Accessory Diagram

Accessories

Accessories
Interchangeable reflector optics
808ECPKFL= 808E 32° Flood Optic 808ECPKSP= 808E 17° Spot Optic
Notes
Fixtures ship with the 24° Narrow Flood optic pre-installed. Accessory optics are field-interchangeable. See installation instructions for details.



Product Specifications

Design

- All-metal smooth cylindrical shape
- Yoke-mounted with tilt and rotation
- Tool-less field-interchangeable optics
- Available in matte white, matte black, and aluminum haze finishes.

Aiming

- Full aiming capability allows for +/- 90° vertically pivot and 350° horizontal rotation (without adjusting track position)

Optics & Light Engine

- Field-interchangeable reflector optics in 17° spot, 24° narrow flood, and 32° flood
- Fixtures ship with 24° optic preinstalled
- Proximity phosphors over single chip on board LED provide a uniform source with efficiency and no pixilation
- Color accuracy within 5 SDCM and 90+ CRI provides color consistency and uniformity
- Lumen maintenance L70 at 50,000 hours
- Low-glare clear glass lens
- Removable bezel for replacing optics

Electrical

	808E		
	1500	1900	2500
Lumens	1500	1900	2500
Input Voltage	120V	120V	120V
Input Current	0.105	0.128	0.175
Input Power	12.6W	15.7W	20.7W
Inrush(A)	2.05	2.2	2.29
THD	<20%	<20%	<20%
PF	>0.9	>0.9	>0.9
Sound Rating	<=22DB	<=22DB	<=22DB

Dimming

- Integral 120V 60Hz constant current driver provides noise-free, high-efficiency operation
- Dimmable: Continuous, flicker-free dimming from 100% to 5% with compatible leading edge or trailing edge (LE/TE) 120V phase cut dimmers
- (See 808E Dimming Guide for compatible dimmers)
- Tip: For optimal dimming performance, consider dimmers with low-end trim adjustment; Note that some dimmers require a neutral wire in the box.

Compliance

- cULus Listed and UL Certified
- DLC Standard*
- NSF/ANSI 2 (NSF non-food zone compliant)
- Contains no mercury or lead and RoHS compliant
- May be used for State of California Title 24 residential compliance per JA8 High Efficacy Lighting certification standards; and Title 24 non-residential code as a dimmable LED luminaire. Refer to the CEC appliance efficiency database
- EMI/RFI emissions per FCC 47CFR Part 15 Class B consumer limits at 120V
- Photometric testing in accordance with IES LM-79-08
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11
- Dry location listed

Warranty

- Five-year limited warranty, consult website for details. www.cooperlighting.com/warranty

*Select models are DesignLights™ Consortium Qualified. Refer to the Qualified Products List under Family Models at www.designlights.org for details.

Photometric Data

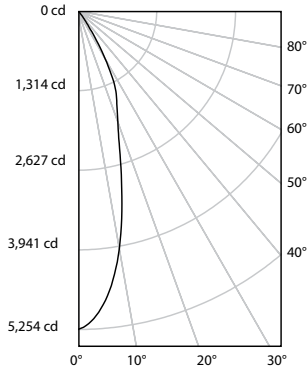
3" Product (excludes 3" Spot), 3000K, 90 CRI

TM-30-15	R _f	93
	R _a	103
CRI/CIE	R _a	97
	R _g	89

Photometric Data

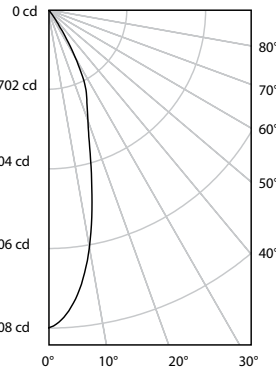
808E 3" 1500 lm, Narrow Flood, 3000K

L808E15NF930MB		
Wattage	Lumens	LPW
12.2	1616	132.5
Beam Angle	Field Angle	CBCP*
25°	60°	5254



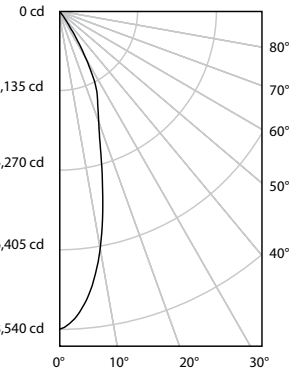
808E 3" 1900 lm, Narrow Flood, 3000K

L808E19NF930MB		
Wattage	Lumens	LPW
15.4	2040	132.5
Beam Angle	Field Angle	CBCP*
25°	60°	6808



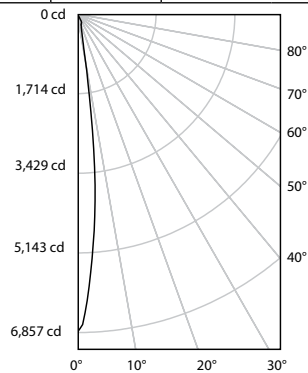
808E 3" 2500 lm, Narrow Flood, 3000K

L808E25NF930MB		
Wattage	Lumens	LPW
20.4	2632	129
Beam Angle	Field Angle	CBCP*
25°	60°	8540



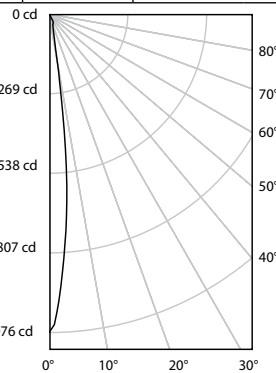
808E 3" 1500 lm, Spot, 3000K

L80815ECPKSP930MB**		
Wattage	Lumens	LPW
12.3	1553	126.3
Beam Angle	Field Angle	CBCP*
19°	55°	6857



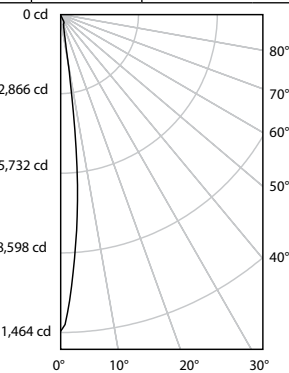
808E 3" 1900 lm, Spot, 3000K

L80819ECPKSP930MB**		
Wattage	Lumens	LPW
15.4	1968	127.8
Beam Angle	Field Angle	CBCP*
19°	55°	9076



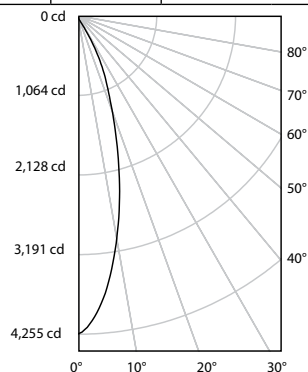
808E 3" 2500 lm, Spot, 3000K

L80825ECPKSP930MB**		
Wattage	Lumens	LPW
20.5	2534	123.6
Beam Angle	Field Angle	CBCP*
19°	55°	11464



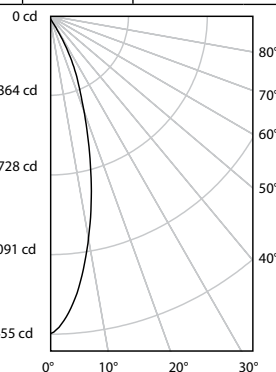
808E 3" 1500 lm, Flood, 3000K

L80815ECPKFL930MB***		
Wattage	Lumens	LPW
12.3	1532	124.6
Beam Angle	Field Angle	CBCP*
31°	61°	4255



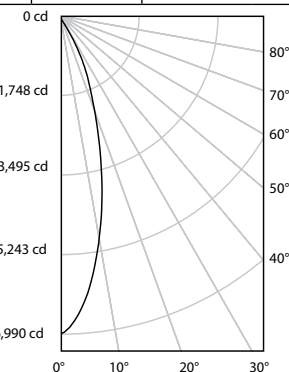
808E 3" 1900 lm, Flood, 3000K

L80819ECPKFL930MB***		
Wattage	Lumens	LPW
15.4	1958	127.1
Beam Angle	Field Angle	CBCP*
31°	61°	5455



808E 3" 2500 lm, Flood, 3000K

L80825ECPKFL930MB***		
Wattage	Lumens	LPW
20.6	2518	122.2
Beam Angle	Field Angle	CBCP*
31°	61°	6990



*CBCP = Center Beam Candle Power

**Tested with 808ECPKSP accessory optic (optic has to be purchased separately and replaced in field)

***Tested with 808ECPKFL accessory optic (optic has to be purchased separately and replaced in field)