

Catalog #		Date		Prepared by	
Project		Type		Notes	



## HALO

### 808 High Performance

Low-glare, high-performance, yoke-mounted cylinder track spotlight.

#### Typical Applications

Education • Hospitality • Retail

#### Interactive Menu

- Order Information page 2
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#### Product Certification



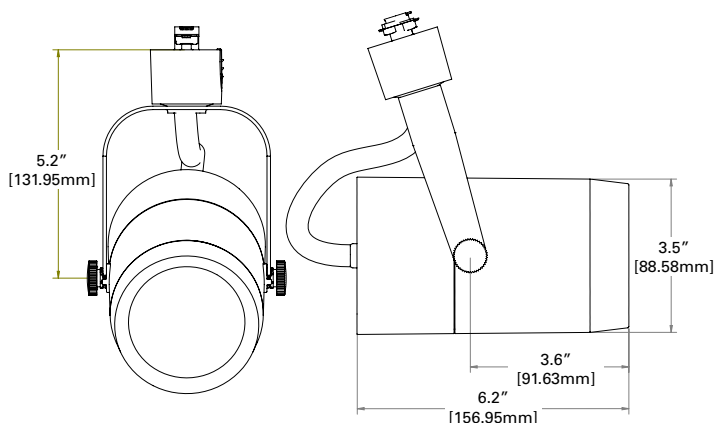
NSF/ANSI 2

#### Top Product Features

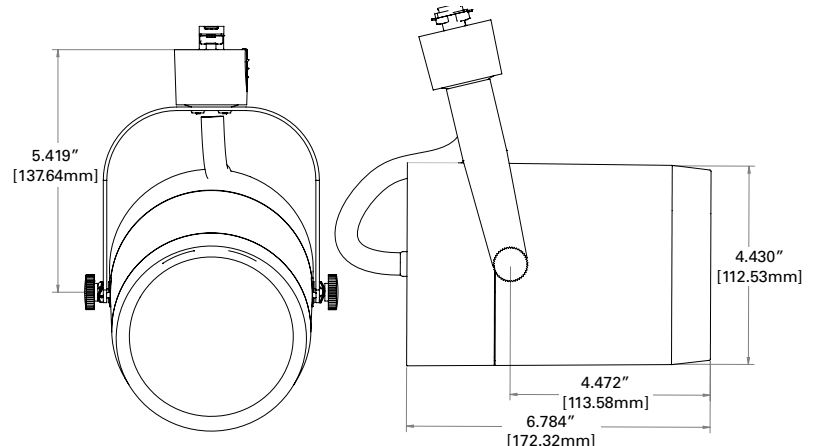
- Low Glare with Deep-Recessed LED light engine
- 90CRI with 2-step MacAdam Ellipse
- High-Efficacy with precise Center Beam Candle Power
- Multi-faceted interchangeable reflector optics\*

#### Dimensional and Mounting Details

##### 3 Inch\*\*



##### 4 Inch\*\*



\*Optics that are interchangeable: 3-Inch NF and FL 4-Inch SP, NF and FL (SP optic on 3-Inch is fixed and not interchangeable).

\*\*Note: The above drawing represents the 808 track with Halo L Adapter. Other adapter options may be different in size and appearance.

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

## Order Information

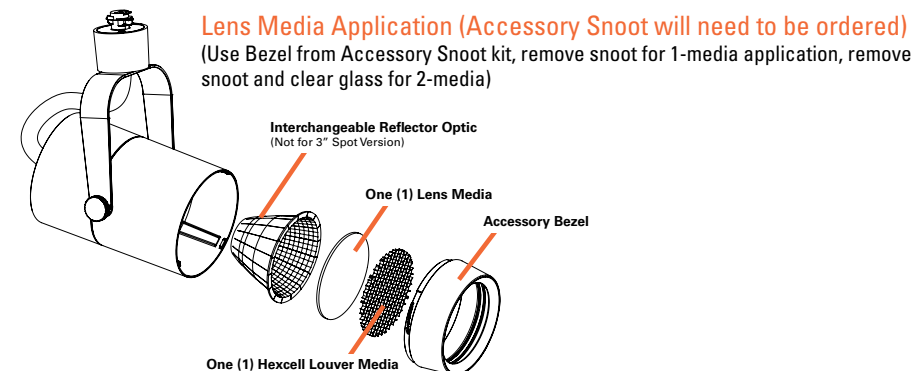
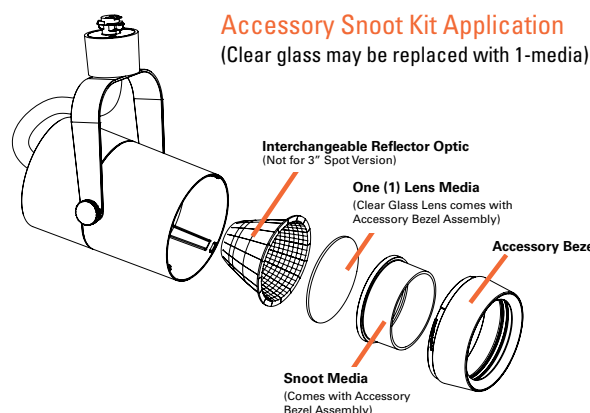
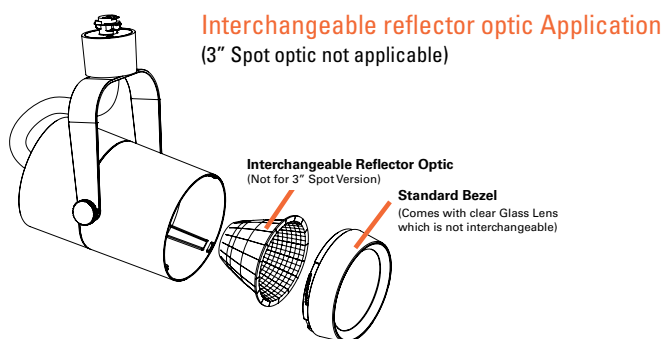
Icon Key:  Configurable ProductSAMPLE ORDER NUMBER: **L80830NF935P**

Track	Series	Output	Optic	CRI & CCT	Finish	Voltage
<b>L</b> =Halo Power Trac & Lazer Track <b>L2G</b> =Halo TEK/HTEK <b>LJ</b> =Juno Track <sup>(1)</sup> <b>LL</b> =Lightolier <sup>(2)</sup>	<b>808</b>	<b>13</b> =1300 L 3-Inch <b>18</b> =1800 L 3-Inch <b>30</b> =3000 L 4-Inch	<b>SP</b> =13 Degree Spot <sup>(4)</sup> <b>NF</b> =22 Degree Narrow Flood <b>FL</b> =32 Degree Flood	<b>927</b> =2700K / 90 CRI <b>930</b> =3000K / 90 CRI <b>935</b> =3500K / 90 CRI <b>940</b> =4000K / 90 CRI	<b>MB</b> =Matte Black <b>P</b> =Matte White <b>AH</b> =Aluminum Haze	<b>Blank</b> =120V <b>277</b> =277V <sup>(5)</sup>
<b>Notes</b> (1) Juno® T single circuit and 2-circuit track contact. Juno® is a registered trademark of Juno® Lighting. (2) Lightolier® Lylespan 6000 single circuit and 2 circuit track contact. Lightolier® is a registered trademark of Philips Lighting.	<b>Notes</b> 808 track head holds (1) cover glass or lens media. Accessory snoot replaces the (1) cover glass/lens slot, and holds (2) media with (2) media max. per head.	<b>Notes</b>	<b>Notes</b> (4) Optics that are interchangeable: >3-Inch NF and FL >4-Inch SP, NF and FL (SP optic on 3-Inch is fixed and not interchangeable)	<b>Notes</b>	<b>Notes</b>	<b>Notes</b> (5) 277V is only available for Halo HTEK track with non-dim operation. L2G track connector must be used

## Accessories

Accessories			
<b>Accessory Snoot</b> <b>808MHS3P</b> =808 Media Snoot, 3" White <b>808MHS3MB</b> =808 Media Snoot, 3" Matte Black <b>808MHS3AH</b> =808 Media Snoot, 3" Aluminum Haze  <b>808MHS4P</b> =808 Media Snoot, 4" White <b>808MHS4MB</b> =808 Media Snoot, 4" Matte Black <b>808MHS4AH</b> =808 Media Snoot, 4" Aluminum Haze	<b>Lens Media</b> <b>LND-DSL3</b> =Diffuse Soft Focus Lens 3" <b>LND-LSL3</b> =Linear Spread Lens 3" <b>LND-HCL3</b> =Hexcell Louver 3" <b>LND-DSL4</b> =Diffuse Soft Focus Lens 4" <b>LND-LSL4</b> =Linear Spread Lens 4" <b>LND-HCL4</b> =Hexcell Louver 4"	<b>Interchangeable reflector optics<sup>1</sup></b> <b>8080PK3FL</b> =3" Flood Optic <b>8080PK3NF</b> =3" Narrow Flood Optic  <b>8080PK4FL</b> =4" Flood Optic <b>8080PK4NF</b> =4" Narrow Flood Optic <b>8080PK4SP</b> =4" Spot Optic	<b>Monopoint Canopy Adapter</b> <b>L973PN</b> = Halo Power Trac square canopy adapter, matte white <b>L973MB</b> = Halo Power Trac square canopy adapter, matte black <b>LZR209P</b> = Lazer Track round monopoint, matte white <b>LZR209MB</b> = Lazer Track round monopoint, matte black
<b>Notes</b> Accessory snoot replaces (1) cover glass/lens slot in track head; and holds (2) media with (2) media max. per head	<b>Notes</b> If you order a lens media, you must order an accessory snoot. Usage of the clear lens and snoot is not necessary	<b>Notes</b> 3" models 1300lm & 1800lm Spot optics are fixed and not interchangeable	

## Accessory Diagram



## Product Specifications

### Aiming

- Full aiming capable.
- Can pivot +/-90° vertically and 350° horizontally without adjusting track position.

### Design

- All-metal smooth cylindrical can shape.
- Yoke-Mounted
- Available in matte white, matte black, and aluminum haze finishes.

### Optics & Light Engine

- Available in spot, narrow flood, and flood distributions.
- Proximity phosphors over single chip on board LED provide a uniform source with high efficiency and no pixilation
- Color accuracy within 2 SDCM and 90 CRI minimum
- Lumen maintenance L70 at 50,000 hours
- Low-glare cover glass lens
- Removable bezel allows for interchangeable optics\*
- Track head accommodates (1) piece of media, and (2) pieces of media in the optional accessory snoot, with (2) media max. per track head

### Electrical

- THD <20%

Lumen Output	Power	Input Current
1300 lm	13.1 W	112 mA
1800 lm	20.8 W	175 mA
3000 lm	37.6 W	317 mA

### Dimming

- Compatible with select leading or trailing edge phase cut dimmers at 120V only, for continuous dimming 5%-100%.\*\*
- Dimming only available with 120V configurations
- 277V option available only with Halo HTEK 277V track (L2G track connector must be used)

### Complicance

- cULus Listed and UL Certified
- DLC Standard and DLC Premium
- 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; Class A at 277V
- Photometric testing in accordance with IES LM-79-08.
- Lumen maintenance projections in accordance with IES LM-80-08 and TM-21-11

### Warranty

- Five year limited warranty
- Consult website for details. [cooperlighting.com/legal](http://cooperlighting.com/legal)

\*Optics that are interchangeable: 3-Inch NF and FL 4-Inch SP, NF and FL (SP optic on 3-Inch is fixed and not interchangeable).

\*\*For a full list of tested compatible dimmers, please reference the 808 High Performance Dimming Compatibility Guide.

Select models are DesignLights™

Consortium Qualified. Refer to [www.designlights.org](http://www.designlights.org) Qualified Products List under Family Models for details.

### 3" & 4" Product (excludes 3" Spot), 3000K, 90 CRI

TM-30-15	R <sub>i</sub>	91.5
	R <sub>a</sub>	98.5
CRI/CIE	R <sub>a</sub>	92.4
	R <sub>g</sub>	56.7

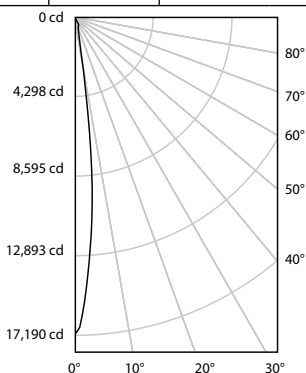
### 3" Spot Only, 3000K, 90 CRI

TM-30-15	R <sub>i</sub>	91.2
	R <sub>a</sub>	100.1
CRI/CIE	R <sub>a</sub>	91.8
	R <sub>g</sub>	53.4

## Photometric Data

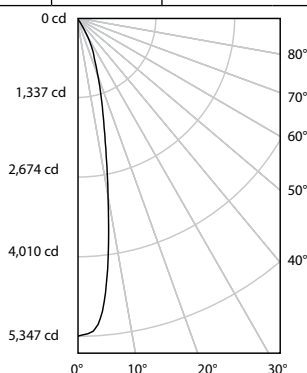
808 3" 1300 lm, Spot, 3000K

L80813SP930P		
Wattage	Lumens	LPW
12.7	1348	106.1
Beam Angle	Field Angle	CBCP*
12.6°	23°	17190



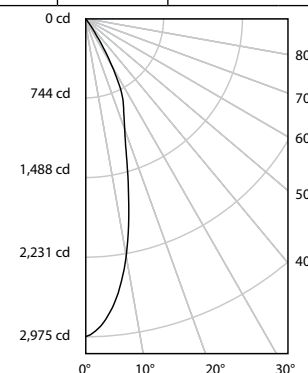
808 3" 1300 lm, Narrow Flood, 3000K

L80813NF930P		
Wattage	Lumens	LPW
12.6	1272	101
Beam Angle	Field Angle	CBCP*
22.1°	54°	5347



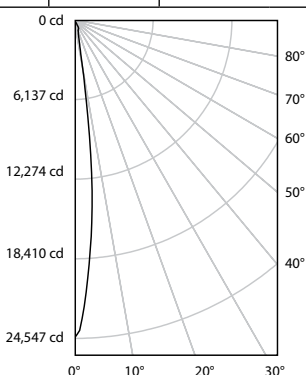
808 3" 1300 lm, Flood, 3000K

L80813FL930P		
Wattage	Lumens	LPW
12.6	1239	98.3
Beam Angle	Field Angle	CBCP*
31.6°	66°	2975



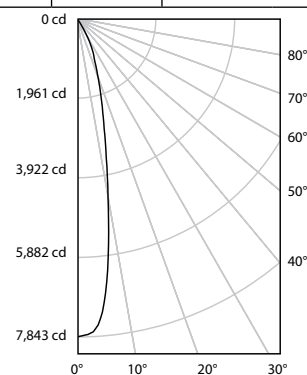
808 3" 1800 lm, Spot, 3000K

L80818SP930P		
Wattage	Lumens	LPW
19.8	1925	97.2
Beam Angle	Field Angle	CBCP*
12.6°	23°	24547



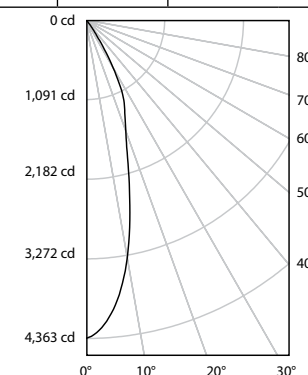
808 3" 1800 lm, Narrow Flood, 3000K

L80818NF930P		
Wattage	Lumens	LPW
19.8	1866	94.2
Beam Angle	Field Angle	CBCP*
22.1°	54°	7843



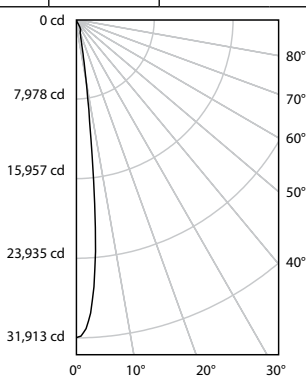
808 3" 1800 lm, Flood, 3000K

L80818FL930P		
Wattage	Lumens	LPW
19.8	1817	91.8
Beam Angle	Field Angle	CBCP*
31.6°	66°	4363



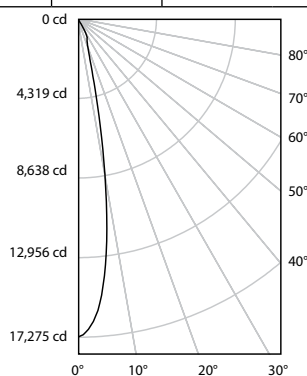
808 4" 3000 lm, Spot, 3000K

L80830SP930P		
Wattage	Lumens	LPW
37	2991	80.9
Beam Angle	Field Angle	CBCP*
13.1°	26°	31913



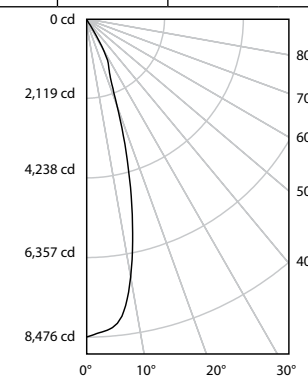
808 4" 3000 lm, Narrow Flood, 3000K

L80830NF930P		
Wattage	Lumens	LPW
37	2959	80.1
Beam Angle	Field Angle	CBCP*
20°	38.8°	17275



808 4" 3000 lm, Flood, 3000K

L80830FL930P		
Wattage	Lumens	LPW
37	2933	79.4
Beam Angle	Field Angle	CBCP*
31.8°	60.9°	8476



\*CBCP = Center Beam Candle Power