

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

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Product Certification



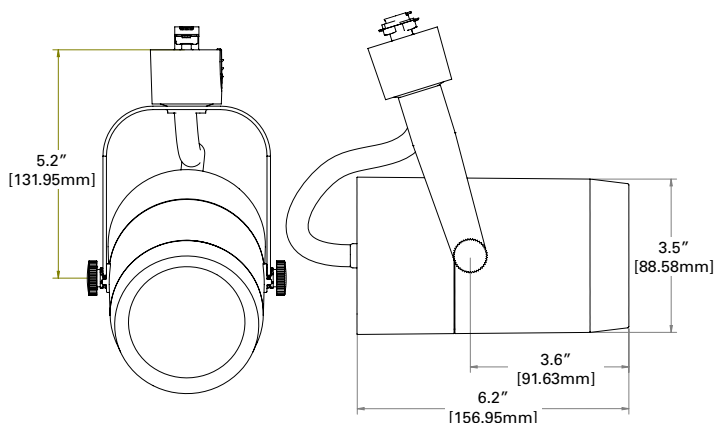
NSF/ANSI 2

Top Product Features

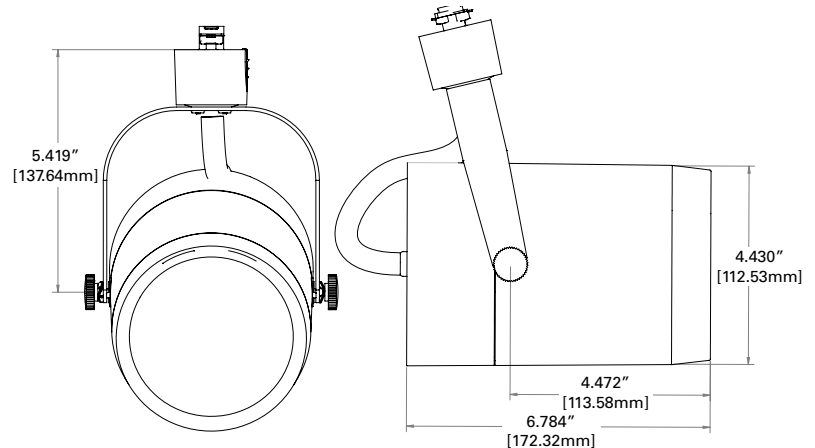
- Low Glare with Deep-Recessed LED light engine
- 90CRI with 2-step MacAdam Ellipse
- High-Efficacy with precise Center Beam Candle Power
- Multi-faceted interchangeable reflector optics*

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 Product

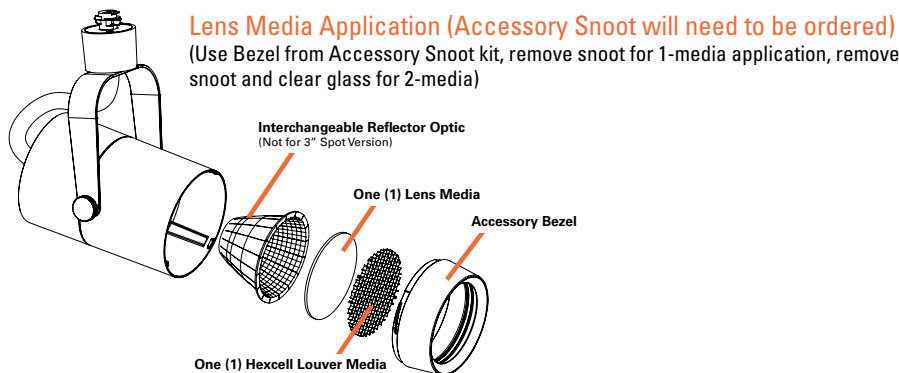
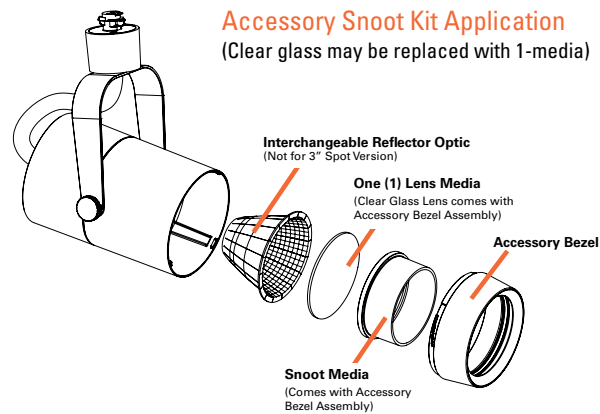
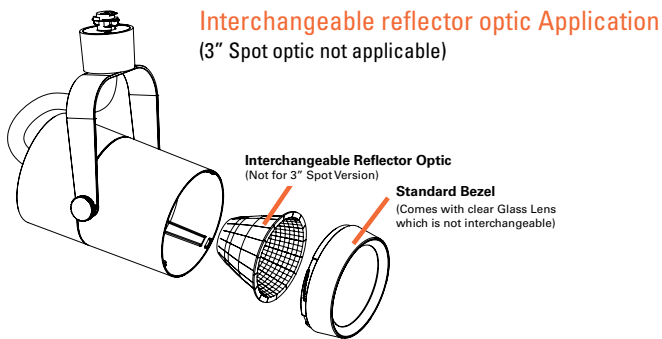
SAMPLE ORDER NUMBER: **L80830NF935P**

Track	Series	Output	Optic	CRI & CCT	Finish	Voltage
L=Halo Power Trac & Lazer Track L2G=Halo TEK/HTEK LJ=Juno Track ⁽¹⁾ LL=Lightolier ⁽²⁾	808	13=1300 L 3-Inch 18=1800 L 3-Inch 30=3000 L 4-Inch	SP=13 Degree Spot ⁽⁴⁾ NF=22 Degree Narrow Flood FL=32 Degree Flood	927=2700K / 90 CRI 930=3000K / 90 CRI 935=3500K / 90 CRI 940=4000K / 90 CRI	MB=Matte Black P=Matte White AH=Aluminum Haze	Blank=120V 277=277V ⁽⁵⁾
Notes (1) Juno® T single circuit and 2-circuit track contact. Juno® is a registered trademark of Juno® Lighting. (2) Lightolier® Lytespan 6000 single circuit and 2 circuit track contact. Lightolier® is a registered trademark of Philips Lighting.	Notes 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.	Notes	Notes (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)	Notes	Notes	Notes (5) 277V is only available for Halo HTEK track with non-dim operation. L2G track connector must be used

Accessories

Accessories			
Accessory Snoot 808MHS3P=808 Media Snoot, 3" White 808MHS3MB=808 Media Snoot, 3" Matte Black 808MHS3AH=808 Media Snoot, 3" Aluminum Haze 808MHS4P=808 Media Snoot, 4" White 808MHS4MB=808 Media Snoot, 4" Matte Black 808MHS4AH=808 Media Snoot, 4" Aluminum Haze	Lens Media LND-DSL3=Diffuse Soft Focus Lens 3" LND-LSL3=Linear Spread Lens 3" LND-HCL3=Hexcell Louver 3" LND-DSL4=Diffuse Soft Focus Lens 4" LND-LSL4=Linear Spread Lens 4" LND-HCL4=Hexcell Louver 4"	Interchangeable reflector optics¹ 8080PK3FL=3" Flood Optic 8080PK3NF=3" Narrow Flood Optic 8080PK4FL=4" Flood Optic 8080PK4NF=4" Narrow Flood Optic 8080PK4SP=4" Spot Optic	Monopoint Canopy Adapter L973PN = Halo Power Trac square canopy adapter, matte white L973MB = Halo Power Trac square canopy adapter, matte black LZR209P = Lazer Track round monopoint, matte white LZR209MB = Lazer Track round monopoint, matte black
Notes Accessory snoot replaces (1) cover glass/lens slot in track head; and holds (2) media with (2) media max. per head	Notes If you order a lens media, you must order an accessory snoot. Usage of the clear lens and snoot is not necessary	Notes 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)

Compliance

- 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

*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 Qualified Products List under Family Models for details.

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

TM-30-15	R _i	91.5
	R _a	98.5
CRI/CIE	R _a	92.4
	R _g	56.7

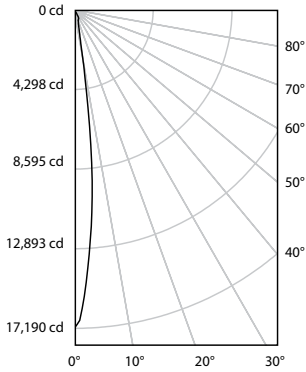
3" Spot Only, 3000K, 90 CRI

TM-30-15	R _i	91.2
	R _a	100.1
CRI/CIE	R _a	91.8
	R _g	53.4

Photometric Data

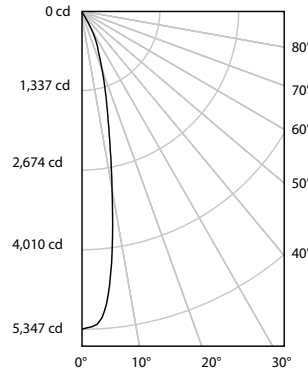
808 3" 1300 lm, Spot, 3000K

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



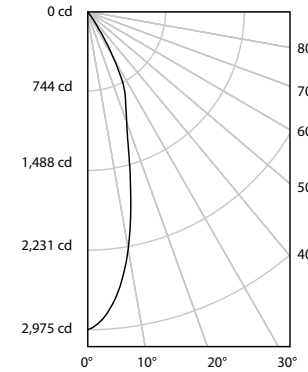
808 3" 1300 lm, Narrow Flood, 3000K

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



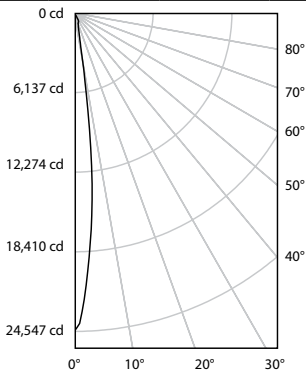
808 3" 1300 lm, Flood, 3000K

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



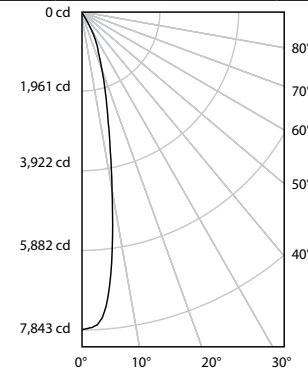
808 3" 1800 lm, Spot, 3000K

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



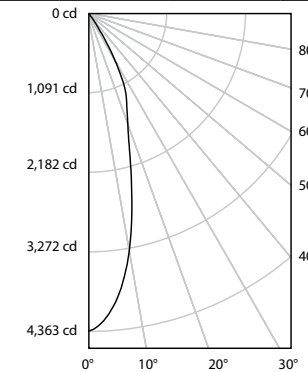
808 3" 1800 lm, Narrow Flood, 3000K

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



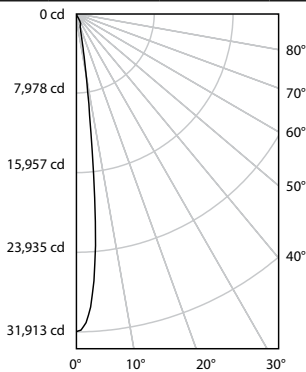
808 3" 1800 lm, Flood, 3000K

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



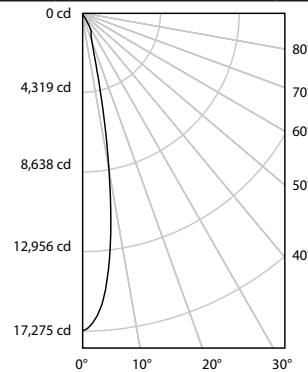
808 4" 3000 lm, Spot, 3000K

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



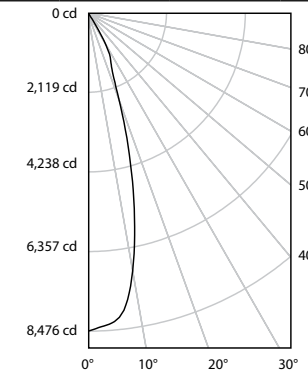
808 4" 3000 lm, Narrow Flood, 3000K

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