Catalog #		Date		Prepared by	
Project		Type		Notes	



HALO

808 High Performance LED Track Luminaire

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

Typical Applications

Education · Hospitality · Retail

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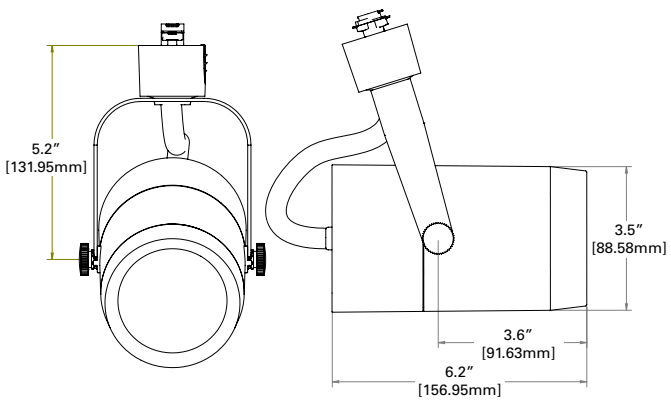
Product Certification

Top Product Features

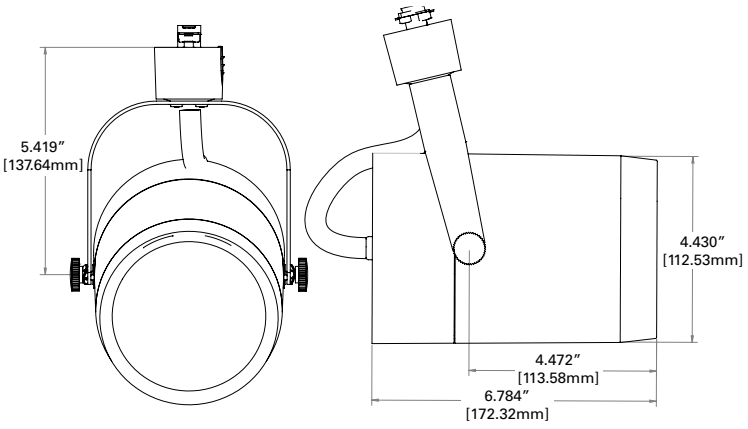
- Low Glare with Deep-Recessed LED light engine
- 90CRI with 2-step MacAdam Ellipse
- High-Efficacy with precise Center Beam Candle Power
- Multi-faceted interchangeable reflector optics*

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

Order Information

Icon Key: Δ 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 [4]
Notes (1) Juno® T single circuit and 2-circuit track contact. Juno® is a registered trademark of Juno® Lighting. (2) Lightolier® Lyfespan 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

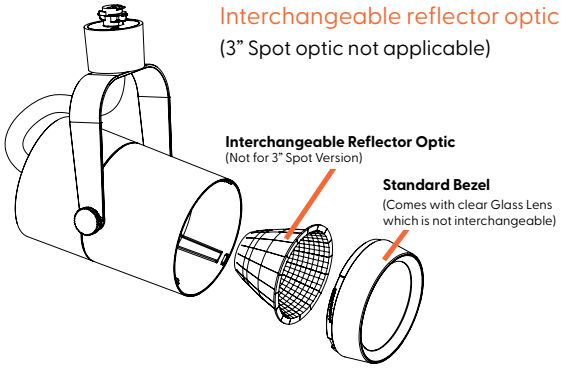
Accessories

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-PSL3**=Prismatic Diffuse Lens 3" **LND-HCL3**=Hexcell Louver 3" **LND-DSL4**=Diffuse Soft Focus Lens 4" **LND-LSL4**=Linear Spread Lens 4" **LND-PSL4**=Prismatic Diffuse Lens 4" **LND-HCL4**=Hexcell Louver 4"	**Interchangeable reflector optics**[1] **808OPK3FL**=3" Flood Optic **808OPK3NF**=3" Narrow Flood Optic **808OPK4FL**=4" Flood Optic **808OPK4NF**=4" Narrow Flood Optic **808OPK4SP**=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

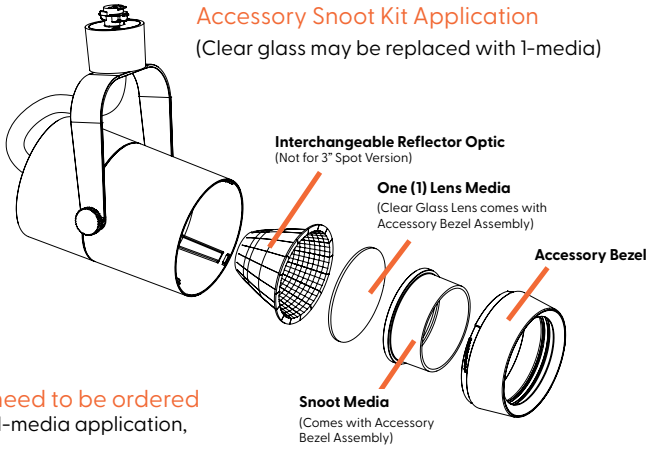
Interchangeable reflector optic Application

(3" Spot optic not applicable)



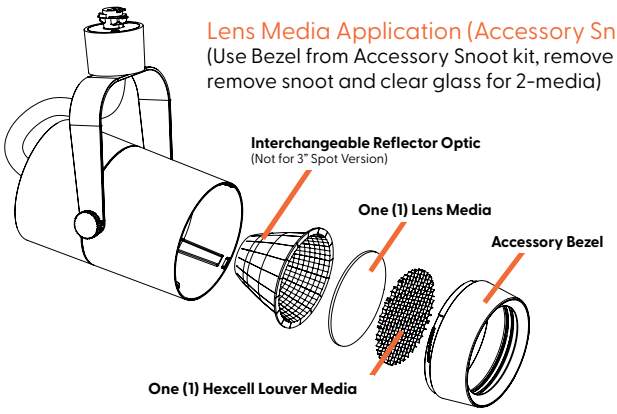
Accessory Snoot Kit Application

(Clear glass may be replaced with 1-media)



Lens Media Application (Accessory Snoot will need to be ordered

(Use Bezel from Accessory Snoot kit, remove snoot for 1-media application, remove snoot and clear glass for 2-media)



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 1800 lm	13.1 W 15.3 W	112 mA 175 mA
3000 lm	31.3 W	260 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

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

TM-30-15	R_f	91.5
	R_g	98.5
CRI/CIE	R_a	92.4
	R_9	56.7

3" Spot Only, 3000K, 90 CRI

TM-30-15	R_f	91.2
	R_g	100.1
CRI/CIE	R_a	91.8
	R_9	53.4

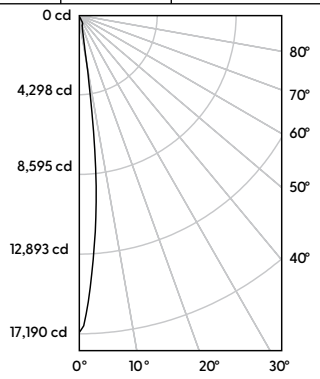
*Optics that are interchangeable: 3-Inch NF and FL 4-Inch SP, NF and FL (SP optic on 3-Inch is fixed and not interchangeable). **For a full list of tested compatible dimmers, please reference the 808 High Performance Dimming Compatibility Guide.

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

Photometric Data

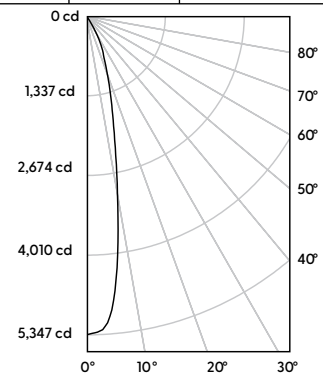
808 3" 1300 lm, Spot, 3000K

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



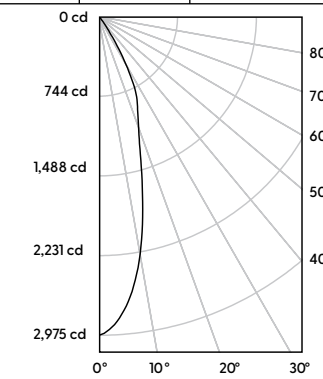
808 3" 1300 lm, Narrow Flood, 3000K

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



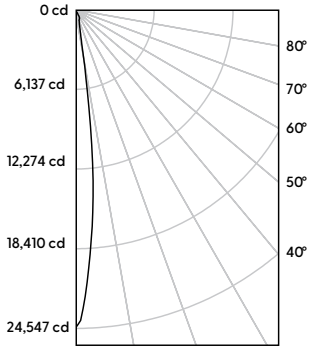
808 3" 1300 lm, Flood, 3000K

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



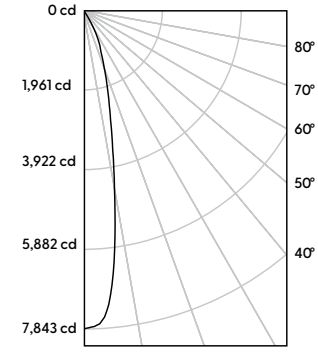
808 3" 1800 lm, Spot, 3000K

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



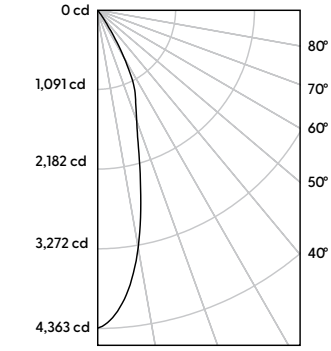
808 3" 1800 lm, Narrow Flood, 3000K

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



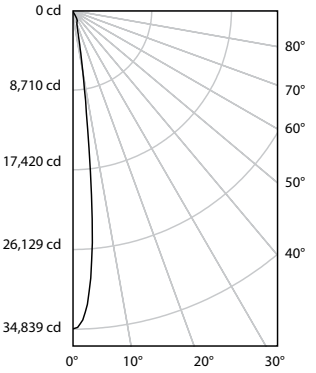
808 3" 1800 lm, Flood, 3000K

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



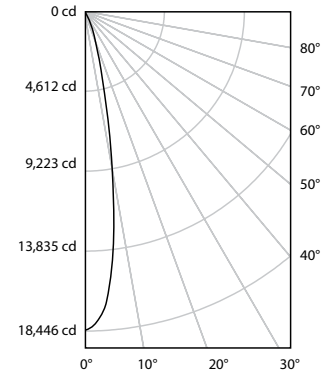
808 4" 3000 lm, Spot, 3000K

L80830SP930MB		
Wattage	Lumens	LPW
31.3 W	3282	104.9
Beam Angle	Field Angle	CBCP*
13°	27°	34839



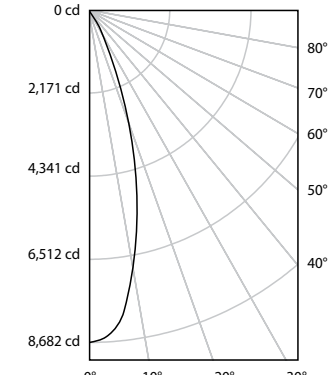
808 4" 3000 lm, Narrow Flood, 3000K

L80830NF930MB		
Wattage	Lumens	LPW
31.2	3055	97.9
Beam Angle	Field Angle	CBCP*
20°	38°	18446



808 4" 3000 lm, Flood, 3000K

L80830FL930MB		
Wattage	Lumens	LPW
31.2	3004	96.3
Beam Angle	Field Angle	CBCP*
32°	60°	8682



*CBCP = Center Beam Candle Power

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Specifications and dimensions
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