DESCRIPTION

High efficacy low profile track fixture ideal for accent and display lighting applications. Featuring die cast construction with a simple low profile design, these luminaires are perfect for those applications where performance is required from a discreet source.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Quick Lock Adapter
Attaches electrically and mechanically anywhere along the track. Includes discrete locking tab that locks the luminaire on the track and allows for easy removal and repositioning.

Driver Housing
Die-cast and extruded aluminum housing incorporates the luminaire control circuit.

Heat Sink
Aluminum die-cast heat sink provides exceptional thermal management to yield 70% lumen maintenance after 50,000 hours of operation.

Luminaire Arm
Arm allows the lamp housing tilt to adjust +/- 90° horizontally. This enables the ballast housing to remain static on the track creating a clean look while providing full aiming capabilities.

LED Light Engine
Equipped with (15) 3-Watt white LEDs. Configurable optic allows for 4 optical distributions and can be changed in the field to adjust to the current lighting need. CRI of 80 min.

Operating Conditions
For indoor use only and suitable for damp locations.

Mounting
Fixture is recommended for use with ceiling mount track systems only. For alternate mounting methods consult factory.

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

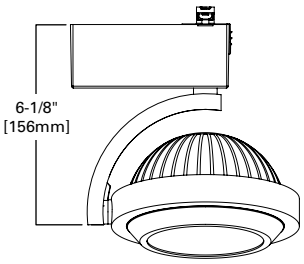
Compliance
- CSA listed for use with Halo Single, 2 Circuit and Lazer track.
- CSA classified for Juno [See Footnote #1 in Ordering Information], Lightolier [See Footnote #2], and Global [See Footnote #3] TEK/HTEK Track.
- DesignLights™ consortium qualified. Refer to www.designlights.org qualified products list for details.
- Options to meet Trade Agreements Act requirements

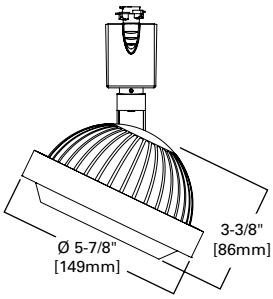


L806XHO
Halo LED

48W

L806XHO





3000K	CBCP
Spot 11°	54,312
Wide Spot 16°	42,748
Narrow Flood 25°	18,852
Flood 45°	7,570

Lighting Data
3000K w/ 11° (SP) optic

Lumens:	4,124
Lumens per watt:	87

Energy Data:

Input Power: 48 W
Power Factor: >.9
Input Current: 0.40 Amps
Voltage: 120

ORDERING INFORMATION

SAMPLE NUMBER: L806XHOSP830AH (Halo or Lazer Track connector, Spot Distribution, 3000K, with Aluminum Haze Finish)

Domestic Preferences [5]	Track	LED	Beam	CRI	CCT	Finish	Voltage
[Blank]=Standard **TAA**=Trade Agreements Act	**L**=Halo Power Trac and Lazer Track **LJ**=Juno® Track [1] **LL**=Lightolier® Track [2] **L2G**=Global® TEK or HTEK [3]	**806XHO**=806XHO [4]	**FL**=Flood 45° **NF**=Narrow Flood 25° **WS**=Wide Spot 16° **SP**=Spot 11°	**80**=80 min	**27**=2700K **30**=3000K **40**=4000K	**AH**=Aluminum Haze **MB**=Black **P**=White	**277**=277 VAC (Only with HTEK) **[Blank]**=120V

Accessories (order separately) [6]

OPK8067HOSP=Kit, Optics 806XHO, Spot
OPK8067HOWS=Kit, Optics 806XHO, Wide Spot
OPK8067HONF=Kit, Optics 806XHO, Narrow Flood
OPK8067HOFL=Kit, Optics 806XHO, Flood

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. **3.** Global® is a registered trademark of Nordic Aluminum. **4.** Fixture is not dimmable. **5.** Only product configurations with this designated prefix are built to be compliant with the Trade Agreements Act of 1979 (TAA). Please refer to DOMESTIC PREFERENCES website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. **6.** Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

Fixture is recommended for use with ceiling mount track systems only. For alternate mounting methods consult factory.

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

PHOTOMETRY

CCT= 3000K

Spot: 11˚
CBCP: 54,312
Lumens: 4124
LPW: 86.8

0˚ Aiming Angle Horizontal Footcandles				30˚ Aiming Angle Horizontal Footcandles					30˚ Aiming Angle Vertical Footcandles on Wall				
D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB
4′	3394.2	0.8	0.8	4′	2253.6	1	0.8	2.3	2′	1980.1	1.3	0.6	3.5
7′	1108.3	1.4	1.4	7′	735.9	1.8	1.6	4	4′	495	2.7	1.4	6.9
9′	670.5	1.8	1.8	9′	445.2	2.3	2	5.2	6′	220	4.1	2.2	10.4
13′	321.3	2.6	2.6	13′	213.4	3.5	3	7.5	10′	79.2	7	3.8	17.3
16′	212.1	3.2	3.2	16′	140.8	4.3	3.8	9.2	12′	55	8.3	4.6	20.8

Wide Spot: 16˚
CBCP: 42,748
Lumens: 4248
LPW: 89.4

D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB
4′	2671.8	0.8	0.8	4′	1758.6	1.1	1	2.3	2′	1464.1	1.6	0.8	3.5
7′	872.4	1.6	1.6	7′	574.2	2.1	1.8	4	4′	366	3.2	1.8	6.9
9′	527.8	2	2	9′	347.4	2.7	2.4	5.2	6′	162.7	4.8	2.8	10.4
13′	252.9	3	3	13′	166.5	4	3.6	7.5	10′	58.6	8.1	4.6	17.3
16′	167	3.8	3.8	16′	109.9	4.9	4.4	9.2	12′	40.7	9.7	5.6	20.8

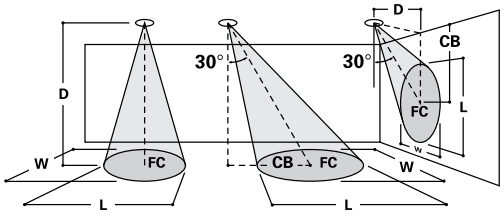
Narrow Flood: 25˚
CBCP: 18,852
Lumens: 4393
LPW: 92.5

D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB
4′	1116.3	1.6	1.6	4′	751.9	2	1.8	2.3	2′	766.4	2.1	1.4	3.5
7′	364.5	2.8	2.8	7′	245.5	3.5	3.2	4	4′	191.6	4.4	2.8	6.9
9′	220.5	3.6	3.6	9′	148.5	4.6	4	5.2	6′	85.2	6.7	4.2	10.4
13′	105.7	5.2	5.2	13′	71.2	6.7	6	7.5	10′	30.7	11.2	7	17.3
16′	69.8	6.4	6.4	16′	47	8.3	7.4	9.2	12′	21.3	13.5	8.4	20.8

Flood: 45˚
CBCP: 7,570
Lumens: 4605
LPW: 96.9

D	FC	L	W	D	FC	L	W	CB	D	FC	L	W	CB
4′	472.9	3	3	4′	366.2	3.1	3.2	2.3	2′	573.8	1.9	1.8	3.5
7′	154.4	5.2	5.2	7′	119.6	5.5	5.6	4	4′	143.5	3.9	3.8	6.9
9′	93.4	6.8	6.8	9′	72.3	7	7.2	5.2	6′	63.8	5.9	5.8	10.4
13′	44.8	9.8	9.8	13′	34.7	10.3	10.4	7.5	10′	23	9.8	9.6	17.3
16′	29.6	12	12	16′	22.9	12.7	12.6	9.2	12′	15.9	11.8	11.6	20.8

Notes and Definitions
Beam spread is to 50% center beam candlepower (CBCP).
D= Distance in feet to floor or wall.
FC= Footcandles on floor or wall at center beam aiming location.
L= Effective Visual Beam length in feet (50% of maximum footcandle level)
W= Effective Visual Beam width in feet (50% of maximum footcandle level)
CB= Distance in feet across or down to center beam location



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Specifications and dimensions subject to change without notice.