

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.

Dimming

The 806XHO is not dimmable.

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

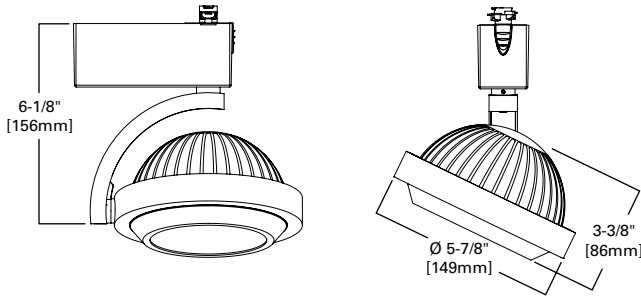
- CSA listed for use with Halo Single, 2 Circuit and Lazer track.
- CSA classified for Juno [See Footnote #1 in Ordering Information], Lightolier [See Footnote #2], and Global [See Footnote #3] TEK/HTEK Track.
- DesignLights™ consortium qualified. Refer to www.designlights.org qualified products list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



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 LazerTrack connector, Spot Distribution, 3000K, with Aluminum Haze Finish)

Track	LED	Beam	CRI	CCT	Finish	Voltage
L=Halo and Lazer Power-Trac LJ=Juno® Track¹ LL=Lightolier® Track² L2G=Global® TEK or HTEK³	806XHO=806XHO⁴	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)

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® Lyfspan 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. 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				
D	FC	L	W	
4'	3394.2	0.8	0.8	
7'	1108.3	1.4	1.4	
9'	670.5	1.8	1.8	
13'	321.3	2.6	2.6	
16'	212.1	3.2	3.2	

30° Aiming Angle Horizontal Footcandles					
D	FC	L	W	CB	
4'	2253.6	1	0.8	2.3	
7'	735.9	1.8	1.6	4	
9'	445.2	2.3	2	5.2	
13'	213.4	3.5	3	7.5	
16'	140.8	4.3	3.8	9.2	

30° Aiming Angle Vertical Footcandles on Wall					
D	FC	L	W	CB	
2'	1980.1	1.3	0.6	3.5	
4'	495	2.7	1.4	6.9	
6'	220	4.1	2.2	10.4	
10'	79.2	7	3.8	17.3	
12'	55	8.3	4.6	20.8	

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

D	FC	L	W
4'	2671.8	0.8	0.8
7'	872.4	1.6	1.6
9'	527.8	2	2
13'	252.9	3	3
16'	167	3.8	3.8

D	FC	L	W	CB
4'	1758.6	1.1	1	2.3
7'	574.2	2.1	1.8	4
9'	347.4	2.7	2.4	5.2
13'	166.5	4	3.6	7.5
16'	109.9	4.9	4.4	9.2

D	FC	L	W	CB
2'	1464.1	1.6	0.8	3.5
4'	366	3.2	1.8	6.9
6'	162.7	4.8	2.8	10.4
10'	58.6	8.1	4.6	17.3
12'	40.7	9.7	5.6	20.8

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

D	FC	L	W
4'	1116.3	1.6	1.6
7'	364.5	2.8	2.8
9'	220.5	3.6	3.6
13'	105.7	5.2	5.2
16'	69.8	6.4	6.4

D	FC	L	W	CB
4'	751.9	2	1.8	2.3
7'	245.5	3.5	3.2	4
9'	148.5	4.6	4	5.2
13'	71.2	6.7	6	7.5
16'	47	8.3	7.4	9.2

D	FC	L	W	CB
2'	766.4	2.1	1.4	3.5
4'	191.6	4.4	2.8	6.9
6'	85.2	6.7	4.2	10.4
10'	30.7	11.2	7	17.3
12'	21.3	13.5	8.4	20.8

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

D	FC	L	W
4'	472.9	3	3
7'	154.4	5.2	5.2
9'	93.4	6.8	6.8
13'	44.8	9.8	9.8
16'	29.6	12	12

D	FC	L	W	CB
4'	366.2	3.1	3.2	2.3
7'	119.6	5.5	5.6	4
9'	72.3	7	7.2	5.2
13'	34.7	10.3	10.4	7.5
16'	22.9	12.7	12.6	9.2

D	FC	L	W	CB
2'	573.8	1.9	1.8	3.5
4'	143.5	3.9	3.8	6.9
6'	63.8	5.9	5.8	10.4
10'	23	9.8	9.6	17.3
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

