

## 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 lampholders 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 lamp 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 (9) 3-Watt white LEDs. Configurable optic allows for 3 optical distributions and can be changed in the field to adjust to the current lighting need. CRI of 85.

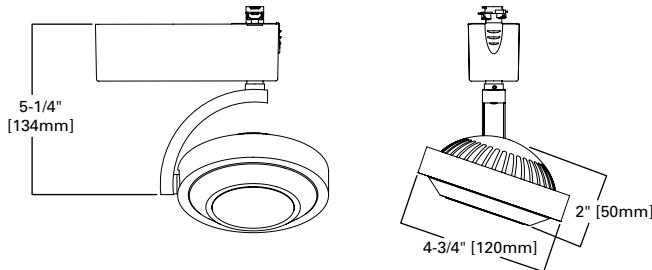
### Dimming

The 806/807 is dimmable to 15% with trailing-edge electronic low voltage equipment. (ELV dimmers need a neutral connection in the wall box.) See our website for dimmer compatibility guide [www.eaton.com](http://www.eaton.com).

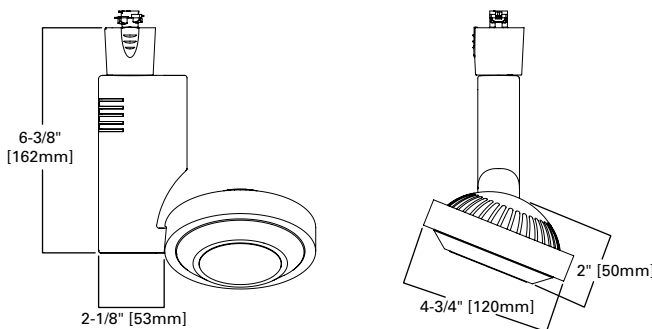
### Compliance

- UL/cUL listed for use with Halo Power-Trac and Lazer Track.
- UL/cUL 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](http://www.designlights.org) qualified products list for details.

### L806



### L807



L806



L807

**L806  
L807  
Halo LED**

18W



| 3000 K           | CBCP   |
|------------------|--------|
| Spot 15°         | 11,057 |
| Narrow Flood 22° | 8990   |
| Flood 37°        | 2480   |

### Lighting Data 3000 K Spot

|                  |       |
|------------------|-------|
| Lumens:          | 1253  |
| Lumens per watt: | 70.8  |
| Watts at 120VAC  | 17.71 |

### Energy Data:

|                |           |
|----------------|-----------|
| Input Power:   | 17.71W    |
| Power Factor:  | >.9       |
| Input Current: | .149 Amps |

L806HO  
L807HO

ORDERING INFORMATION

SAMPLE NUMBER: L806SP830AH (Halo or Lazer Track connector, Spot Distribution, 3000 K, with Aluminum Haze Finish)

| Track                                                                                                                          | LED                | Beam                                               | CRI   | CCT                    | Finish                                  | Voltage                                      | Trim Ring                                     |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------------------------------------|-------|------------------------|-----------------------------------------|----------------------------------------------|-----------------------------------------------|
| L=Halo and Lazer Power-Trac<br>LJ=Juno® Track¹<br>LL=Lightolier® Track²<br>L2G=Global® TEK or HTEK³,⁴                          | 806=806<br>807=807 | FL=Flood 37°<br>NF=Narrow Flood 22°<br>SP=Spot 15° | 80=85 | 30=3000 K<br>40=4000 K | AH=Aluminum Haze<br>MB=Black<br>P=White | 277=277 VAC (Only with HTEK)<br>[Blank]=120V | [Blank]=Existing/Short Snoot<br>LS=Long Snoot |
| Accessories (order separately)                                                                                                 |                    |                                                    |       |                        |                                         |                                              |                                               |
| OPK8067SP=Kit, Optics 806, 807 Spot<br>OPK8067NF=Kit, Optics 806, 807 Narrow Flood<br>OPK8067FL=Kit, Optics 806SM, 807SM 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. L2G track it is only available for the 806.

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

PHOTOMETRICS

| Color Temp = 3000K<br>4000K Multiplier = 1.25 |  | 0 deg Aiming Angle<br>Horizontal Footcandles |     |     |     | 30 deg Aiming Angle<br>Horizontal Footcandles |     |      |      |     | 30 deg Aiming Angle<br>Vertical Footcandles on Wall |     |     |     |      | 60 deg Aiming Angle<br>Vertical Footcandles on Wall |     |     |     |     |  |
|-----------------------------------------------|--|----------------------------------------------|-----|-----|-----|-----------------------------------------------|-----|------|------|-----|-----------------------------------------------------|-----|-----|-----|------|-----------------------------------------------------|-----|-----|-----|-----|--|
|                                               |  | D                                            | FC  | L   | W   | D                                             | FC  | L    | W    | CB  | D                                                   | FC  | L   | W   | CB   | D                                                   | FC  | L   | W   | CB  |  |
| Wide Spot: 15°                                |  | 5                                            | 442 | 1.4 | 1.4 | 5                                             | 287 | 1.7  | 1.5  | 2.9 | 3                                                   | 180 | 2.6 | 1.5 | 5.2  | 3                                                   | 798 | 1   | 0.9 | 1.7 |  |
| CBCP: 11057                                   |  | 7.5                                          | 197 | 2   | 2   | 7.5                                           | 128 | 2.6  | 2.3  | 4.3 | 4                                                   | 101 | 3.4 | 1.9 | 6.9  | 4                                                   | 449 | 1.4 | 1.2 | 2.3 |  |
| Lumens: 1253                                  |  | 10                                           | 111 | 2.7 | 2.7 | 10                                            | 72  | 3.5  | 3.1  | 5.8 | 5                                                   | 65  | 4.3 | 2.4 | 8.7  | 5                                                   | 287 | 1.7 | 1.5 | 2.9 |  |
| LpW: 70.8                                     |  | 12.5                                         | 71  | 3.4 | 3.4 | 12.5                                          | 46  | 4.3  | 3.8  | 7.2 | 6                                                   | 45  | 5.1 | 2.9 | 10.4 | 6                                                   | 199 | 2.1 | 1.8 | 3.5 |  |
|                                               |  | 15                                           | 49  | 4.1 | 4.1 | 15                                            | 32  | 5.2  | 4.6  | 8.7 |                                                     |     |     |     |      |                                                     |     |     |     |     |  |
|                                               |  |                                              |     |     |     |                                               |     |      |      |     |                                                     |     |     |     |      |                                                     |     |     |     |     |  |
|                                               |  | D                                            | FC  | L   | W   | D                                             | FC  | L    | W    | CB  | D                                                   | FC  | L   | W   | CB   | D                                                   | FC  | L   | W   | CB  |  |
| Narrow Flood: 22°                             |  | 5                                            | 360 | 1.7 | 1.7 | 5                                             | 234 | 2.2  | 1.9  | 2.9 | 3                                                   | 158 | 2.9 | 1.7 | 5.2  | 3                                                   | 649 | 1.3 | 1.1 | 1.7 |  |
| CBCP: 8990                                    |  | 7.5                                          | 160 | 2.5 | 2.5 | 7.5                                           | 104 | 3.3  | 2.8  | 4.3 | 4                                                   | 89  | 3.9 | 2.3 | 6.9  | 4                                                   | 365 | 1.7 | 1.5 | 2.3 |  |
| Lumens: 1289                                  |  | 10                                           | 90  | 3.3 | 3.3 | 10                                            | 58  | 4.3  | 3.8  | 5.8 | 5                                                   | 57  | 4.9 | 2.9 | 8.7  | 5                                                   | 234 | 2.2 | 1.9 | 2.9 |  |
| LpW: 72.4                                     |  | 12.5                                         | 58  | 4.2 | 4.2 | 12.5                                          | 37  | 5.4  | 4.7  | 7.2 | 6                                                   | 40  | 5.8 | 3.5 | 10.4 | 6                                                   | 162 | 2.6 | 2.3 | 3.5 |  |
|                                               |  | 15                                           | 40  | 5   | 5   | 15                                            | 26  | 6.5  | 5.7  | 8.7 |                                                     |     |     |     |      |                                                     |     |     |     |     |  |
|                                               |  |                                              |     |     |     |                                               |     |      |      |     |                                                     |     |     |     |      |                                                     |     |     |     |     |  |
|                                               |  | D                                            | FC  | L   | W   | D                                             | FC  | L    | W    | CB  | D                                                   | FC  | L   | W   | CB   | D                                                   | FC  | L   | W   | CB  |  |
| Flood: 37°                                    |  | 5                                            | 99  | 3.2 | 3.2 | 5                                             | 72  | 3.6  | 3.4  | 2.9 | 3                                                   | 67  | 3.2 | 2.7 | 5.2  | 3                                                   | 201 | 2.2 | 2.1 | 1.7 |  |
| CBCP: 2480                                    |  | 7.5                                          | 44  | 4.8 | 4.8 | 7.5                                           | 32  | 5.5  | 5.2  | 4.3 | 4                                                   | 38  | 4.3 | 3.6 | 6.9  | 4                                                   | 113 | 2.9 | 2.8 | 2.3 |  |
| Lumens: 1228                                  |  | 10                                           | 25  | 6.4 | 6.4 | 10                                            | 18  | 7.3  | 6.9  | 5.8 | 5                                                   | 24  | 5.4 | 4.5 | 8.7  | 5                                                   | 72  | 3.6 | 3.4 | 2.9 |  |
| LpW: 69                                       |  | 12.5                                         | 16  | 8   | 8   | 12.5                                          | 12  | 9.1  | 8.6  | 7.2 | 6                                                   | 17  | 6.5 | 5.4 | 10.4 | 6                                                   | 50  | 4.4 | 4.1 | 3.5 |  |
|                                               |  | 15                                           | 11  | 9.6 | 9.6 | 15                                            | 8   | 10.9 | 10.3 | 8.7 |                                                     |     |     |     |      |                                                     |     |     |     |     |  |

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.

