

Individual Spec Sheet

L1LEH GEN. 2

LINEAR LED HIGH BAY LUMINAIRE 3 CCT AND 3 POWER SELECTABLE WITH SENSOR RECEPTACLE

ORDERING INFORMATION

Order code: 69783
Model number: L1LEH-48PS480-Q-3C
UPC: 069549030053
Case quantity: 1
DLC Premium unique ID: S-7LSV61

PHYSICAL DATA

Dimension in. (cm): 46.53" x 18.90" x 2.16" (118.10 cm x 48.00 cm x 5.48 cm)
Lens material: Frosted polycarbonate
Housing material: White powder coated steel
Mounting: Suspended, surface or pendant

Included with fixture: 6' power cord and dimming cables, suspension kit: V-hooks and 3.25' chains (2 pcs each)

PERFORMANCE DATA

Watts (W): 320/400/480
Volts (V AC): 120-347
Color temperature (K):¹ 3 500/4 000/5 000
Lumen output (lm): 51 200 - 76 800
Efficacy (lm/W): 150-170
CRI: 80+
Life L70 (h):² 54 000
Tested LM-80 (h):² 9 000
Dimming: 0-10 V
Power factor: >0.9
THD (%): <20
Surge protection (kV): 6
Operating temp. range: From -20°C (-4°F) and up to 65°C (149°F) on certain wattages. Consult Lumen and Operating Temperature Specification Table for more details

¹ Typical colour temperature range: +/- 5 %.

² Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

LUMEN AND OPERATING TEMPERATURE SPECIFICATION TABLE

| Watts (W) | 3 500 K | | 4 000 K | | 5 000 K | | Max. operating temperature (surface mount) | Max. operating temperature (suspended mount) ¹ |
|-----------|-------------------|-----------------|-------------------|-----------------|-------------------|-----------------|--|---|
| | Lumen output (lm) | Efficacy (lm/W) | Lumen output (lm) | Efficacy (lm/W) | Lumen output (lm) | Efficacy (lm/W) | | |
| 320 | 51 200 | 160 | 54 400 | 170 | 51 200 | 160 | 50°C | 65°C |
| 400 | 62 000 | 155 | 66 000 | 165 | 62 000 | 155 | 45°C | 55°C |
| 480 | 72 000 | 150 | 76 800 | 160 | 72 000 | 150 | 40°C | 50°C |

¹ Suspended 18" from ceiling

DEFAULT PROGRAMMING

480 W / 4 000 K



3 500/4 000/5 000 K



power selectable



quick ship



LED fixture



dimmmable



damp location

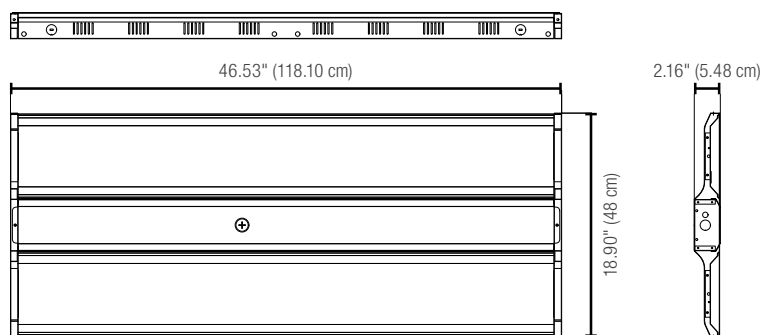


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Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

DIMENSIONS AND WEIGHT



| | |
|------------------|-------|
| Net weight (lbs) | 18.96 |
|------------------|-------|

ACCESSORIES (order separately)

| Order code | Type |
|-----------------------|--|
| 68676 | 3.25 FT Suspension Chain Kit (set of 2) |
| 68907 | V-Hooks (set of 2) |
| 68910 | Surface Mount Bracket (set of 2) |
| 68911 | Conduit Mount Kit |
| 68915 | Wireguard 4 ft x 19.5 in |
| 69444 ^{1, 2} | External High Frequency Sensor OSI-EFS06R |
| 69640 ^{1, 2} | External PIR Sensor OSI-EFS07-AUX |
| 69080 | Remote control OSI-RM51 for motion sensors |
| 70247 | External 10kV surge protector |
| 70248 | External 20kV surge protector |

¹ Maximum ambient temperature for sensors is 55°C

² To change factory settings, purchase 69080 remote (sold separately)

COMPATIBLE DIMMERS¹

| Brand | Model |
|---------|----------------------|
| LUTRON | NTSTV-DV, NDTV, DDTV |
| LEVITON | IP710, DS710 |
| LEGRAND | RH4FBL3PW |

Dimming range: 10%-100%

¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

SMART ACCESSORIES (sold separately)

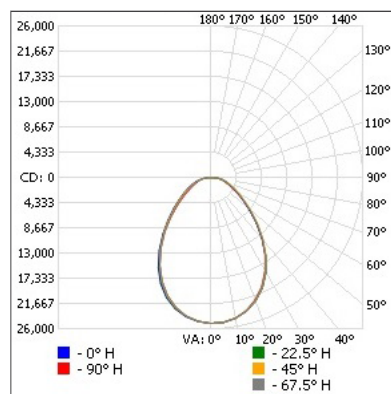
| Order code | Type |
|--------------------|--|
| 69651 ¹ | Genio Bluetooth® Mesh Internal PIR sensor OSI-PIR106 |

¹ Maximum ambient temperature for sensors is 65°C

PHOTOMETRIC DATA¹

69783 • L1LEH-48PS480-Q-3C • 320 W • 4 000 K • 49 866 lm

Polar candela distribution





Zonal lumen summary

| Zone | Lumens | % Fixture |
|--------|----------|-----------|
| 0-30 | 18 237.1 | 36.6 |
| 0-40 | 28 007.5 | 56.2 |
| 0-60 | 42 176.4 | 84.6 |
| 60-90 | 7 689.6 | 15.4 |
| 70-100 | 3 612.8 | 7.2 |
| 90-120 | 0 | 0 |
| 0-90 | 49 866.0 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 49 866.0 | 100 |

Illuminance at a distance

| Center beam fc | Beam width |
|----------------|------------|
| 1.7' | 8 676 |
| 3.3' | 2 302 |
| 5.0' | 1 003 |
| 6.7' | 559 |
| 8.3' | 364 |
| 10.0' | 251 |
| 3.0' | 5.8' |
| 2.9' | 5.7' |
| 8.8' | 8.6' |
| 11.7' | 11.5' |
| 14.6' | 14.3' |
| 17.5' | 17.2' |

 Vert. spread : 82.5°
 Horiz. spread : 81.5°

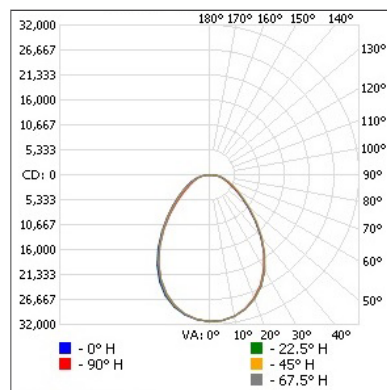
¹ Complete IES files available on our website.

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

PHOTOMETRIC DATA¹

69783 • L1LEH-48PS480-Q-3C • 400 W • 4 000 K • 62 335 lm

Polar candela distribution



Zonal lumen summary

| Zone | Lumens | % Fixture |
|--------|----------|-----------|
| 0-30 | 22 797.5 | 36.6 |
| 0-40 | 35 011.0 | 56.2 |
| 0-60 | 52 722.9 | 84.6 |
| 60-90 | 9 612.4 | 15.4 |
| 70-100 | 4 516.2 | 7.2 |
| 90-120 | 0 | 0 |
| 0-90 | 62 335.3 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 62 335.3 | 100 |

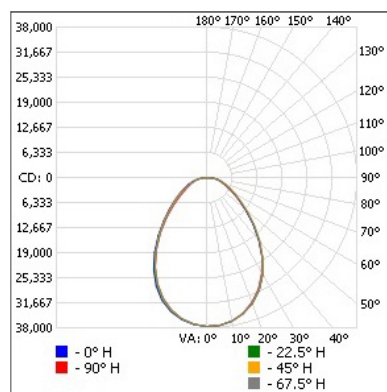
Illuminance at a distance

| Center beam fc | | Beam width | |
|----------------|--------|------------|-------|
| 1.7' | 10 845 | 3.0' | 2.9' |
| 3.3' | 2 878 | 5.8' | 5.7' |
| 5.0' | 1 254 | 8.8' | 8.6' |
| 6.7' | 698 | 11.7' | 11.5' |
| 8.3' | 455 | 14.6' | 14.3' |
| 10.0' | 313 | 17.5' | 17.2' |

■ Vert. spread: 82.5°
■ Horiz. spread: 81.5°

69783 • L1LEH-48PS480-Q-3C • 480 W • 4 000 K • 74 801 lm

Polar candela distribution



Zonal lumen summary

| Zone | Lumens | % Fixture |
|--------|----------|-----------|
| 0-30 | 27 356.4 | 36.6 |
| 0-40 | 42 012.3 | 56.2 |
| 0-60 | 63 266.2 | 84.6 |
| 60-90 | 11 534.7 | 15.4 |
| 70-100 | 5 419.3 | 7.2 |
| 90-120 | 0 | 0 |
| 0-90 | 74 800.9 | 100 |
| 90-180 | 0 | 0 |
| 0-180 | 74 800.9 | 100 |

Illuminance at a distance

| Center beam fc | | Beam width | |
|----------------|--------|------------|-------|
| 1.7' | 13 014 | 3.0' | 2.9' |
| 3.3' | 3 454 | 5.8' | 5.7' |
| 5.0' | 1 504 | 8.8' | 8.6' |
| 6.7' | 838 | 11.7' | 11.5' |
| 8.3' | 546 | 14.6' | 14.3' |
| 10.0' | 376 | 17.5' | 17.2' |

■ Vert. spread: 82.5°
■ Horiz. spread: 81.5°

¹ Complete IES files available on our website.

| Qty | Description | Price |
|-----|-------------|-------|
| | | |

I accept the specifications of the luminaire configuration mentioned above.

Name: _____

Company: _____

Signature: _____

Date: _____

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