

Project: _____ Type: _____
 Drawn by: _____ Catalogue #: _____ Date: _____

Individual Spec Sheet

L1LEH GEN. 2

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

ORDERING INFORMATION

Order code: 69780
Model number: L1LEH-48PS160-Q-3C
UPC: 069549030022
Case quantity: 1
DLC Premium unique ID: S-S0C5Y7

PHYSICAL DATA

Dimension in. (cm): 46.53" x 14.96" x 2.16" (118.10 cm x 38.00 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): 85/120/160
Volts (V AC): 120-347
Color temperature (K):¹ 3 500/4 000/5 000
Lumen output (lm): 13 600 - 24 800
Efficacy (lm/W): 155-165
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)		
85	13 600	160	14 025	165	13 855	163	50°C	65°C
120	18 600	155	19 200	160	18 960	158	45°C	55°C
160	24 000	150	24 800	155	24 480	153	40°C	50°C

¹ Suspended 18" from ceiling

DEFAULT PROGRAMMING

160 W / 4 000 K



3 500/4 000/5 000 K



power selectable



quick ship



LED fixture



dimmmable



damp location

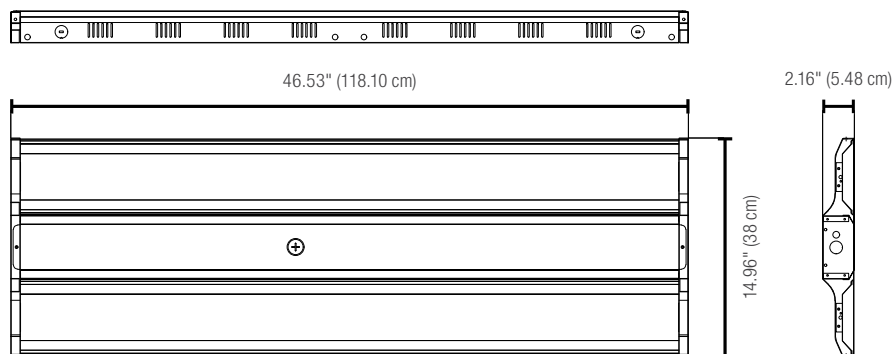


ICES 005



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)	17.86
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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
68914	Wire guard 4ft x 15.5in
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, NFTV, 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)

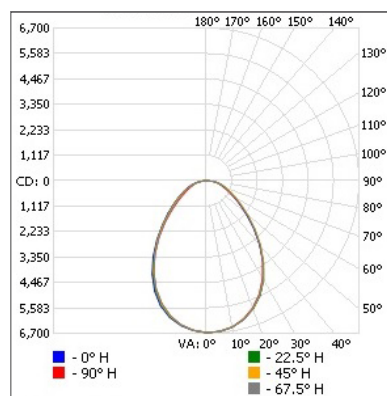
Order code	Type
69651 ¹	Genio Bluetooth® Mesh Internal PIR sensor OSI-PIR106

¹ Maximum ambient temperature for sensors is 65°C

PHOTOMETRIC DATA¹

69780 • L1LEH-48PS160-Q-3C • 85 W • 4 000 K • 13 247 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	4 844.8	36.6
0-40	7 440.4	56.2
0-60	11 204.5	84.6
60-90	2 042.8	15.4
70-100	959.8	7.2
90-120	0	0
0-90	13 247.2	100
90-180	0	0
0-180	13 247.2	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	2 305	3.0'	2.9'
3.3'	612	5.8'	5.7'
5.0'	266	8.8'	8.6'
6.7'	148	11.7'	11.5'
8.3'	96.7	14.6'	14.3'
10.0'	66.6	17.5'	17.2'

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

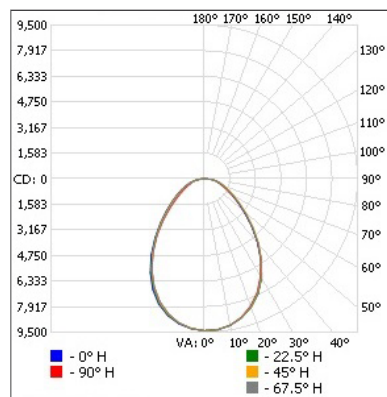
¹ Complete IES files available on our website.

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

69780 • L1LEH-48PS160-Q-3C • 120 W • 4 000 K • 18 700 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	6 839.1	36.6
0-40	10 503.1	56.2
0-60	15 816.6	84.6
60-90	2 883.7	15.4
70-100	1 354.8	7.2
90-120	0	0
0-90	18 700.2	100
90-180	0	0
0-180	18 700.2	100

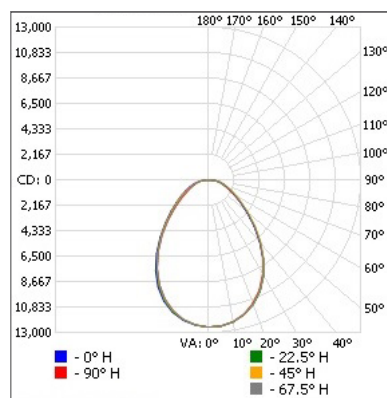
Illuminance at a distance

Center beam fc		Beam width	
1.7'	3 254	3.0'	2.9'
3.3'	863	5.8'	5.7'
5.0'	376	8.8'	8.6'
6.7'	209	11.7'	11.5'
8.3'	136	14.6'	14.3'
10.0'	94.0	17.5'	17.2'

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

69780 • L1LEH-48PS160-Q-3C • 160 W • 4 000 K • 24 935 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	9 119.3	36.6
0-40	14 004.8	56.2
0-60	21 089.8	84.6
60-90	3 845.1	15.4
70-100	1 806.5	7.2
90-120	0	0
0-90	24 934.9	100
90-180	0	0
0-180	24 934.9	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	4 338	3.0'	2.9'
3.3'	1 151	5.8'	5.7'
5.0'	502	8.8'	8.6'
6.7'	279	11.7'	11.5'
8.3'	182	14.6'	14.3'
10.0'	125	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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