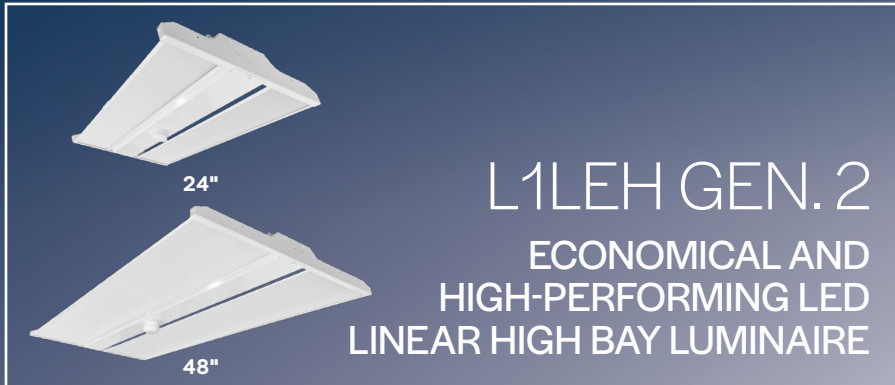


PROJECT:
DISTRIBUTOR:
DRAWN BY:

CATALOGUE #:
CONTRACTOR:

DATE:
TYPE:
PO:



STANPRO
SPEC SHEET

**CONTROLS-READY,
3 CCT AND 3 POWER SELECTABLE**

FEATURES AND SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- White powder coated 22 gauge slim, lightweight steel housing
- Well ventilated driver component for optimal thermal management
- Frosted polycarbonate lens over LEDs provides a diffused light distribution
- 6' power cord and 6' dimming cable included in all configurations

Mounting

- Set of 2 V-hooks and chains are provided with all configurations. See accessory table for suspended and pendant mounting kits

COMPLIANCES

- UL certified for damp locations for Canada and USA
- Meets requirements of ICES-005, Issue 5 for Class A products
- Complies with FCC Part 15, Class A, Sub Part B
- UL1598, UL8750
- CSA 22.2 250.0, CSA 22.2 250.13
- DLC Premium
- BC Hydro

PERFORMANCE DATA

- Available in 3 500/4 000/5 000 K selectable color temperature
- 80+ CRI
- Electrical ratings: 120-347 V
- Estimated life of over 100 000 hours to L70
- 0-10 V dimming driver. Dimming cables included in all configurations
- 6 kV surge protection
- Operating temperature:
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



3 CCT



POWER
SELECTABLE



5 YEARS
WARRANTY



CONTROLS
READY



CERTIFIED



DLC
LISTED
PREMIUM

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.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE

Type	Order Code	Model Number	DLC Premium Unique ID ⁵	Watts (W)	Volts (V AC)	Color Temp. (K) ¹	Lumen Output (lm) ²	Efficacy CRI (lm/W)	Life L70 (hrs) ³	Tested Hours LM-80 (hrs) ³	Dimming	Power Factor	THD (%)	Master Case QTY
24"														
	69777	L1LEH-24PS120-Q-3C	S-ZG7N8K	80/100/120	120-347	3 500/4 000/5 000	12 800 - 19 200	160	80+ >100 000	9 000	0-10 V	>0.9	<20	1
	69778	L1LEH-24PS160-Q-3C	S-N5RQKR	110/130/160	120-347	3 500/4 000/5 000	17 600 - 24 800	155	80+ >100 000	9 000	0-10 V	>0.9	<20	1
	69779	L1LEH-24PS200-Q-3C	S-K4X40V	155/185/200	120-347	3 500/4 000/5 000	24 800 - 31 000	155	80+ >100 000	9 000	0-10 V	>0.9	<20	1
48"														
	69780	L1LEH-48PS160-Q-3C	S-S0C5Y7	85/120/160	120-347	3 500/4 000/5 000	13 600 - 24 800	155	80+ >100 000	9 000	0-10 V	>0.9	<20	1
	69781	L1LEH-48PS240-Q-3C	S-KJRSY4	160/200/240	120-347	3 500/4 000/5 000	24 800 - 37 920	158	80+ >100 000	9 000	0-10 V	>0.9	<20	1
	69782	L1LEH-48PS360-Q-3C	S-S8TYJ4	270/310/360	120-347	3 500/4 000/5 000	42 120 - 57 600	160	80+ >100 000	9 000	0-10 V	>0.9	<20	1
	69783	L1LEH-48PS480-Q-3C	S-7LSV61	320/400/480	120-347	3 500/4 000/5 000	51 200 - 76 800	160	80+ >100 000	9 000	0-10 V	>0.9	<20	1
	69784	L1LEH-48PS625-Q-3C	S-SLK1GV	500/560/625	120-347	3 500/4 000/5 000	80 000 - 100 000	160	80+ >100 000	9 000	0-10 V	>0.9	<20	1

¹ Typical color temperature range: +/- 5 %.² Lumen values are based on 4 000 K default programming. Please refer to the LUMEN AND OPERATING TEMPERATURE SPECIFICATION TABLE for more details on other color temperatures.³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolational color temperature range: +/- 5 %.⁴ Primary Use Designation: High-Bay Luminaires for Commercial and Industrial Buildings.

LUMEN SPECIFICATION TABLE

Order Code	Model Number	Watts (W)	3 500 K		4 000 K		5 000 K		Max. operating temperature (surface mount)	Max. operating temperature (suspended mount) ¹	Default Programming
			Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)			
69777	L1LEH-24PS120-Q-3C	80	12 800	160	13 600	170	13 200	165	50°C	65°C	120 W / 4 000 K
		100	15 500	155	16 500	165	16 000	160	45°C	55°C	
		120	18 000	150	19 200	160	18 600	155	40°C	50°C	
69778	L1LEH-24PS160-Q-3C	110	17 600	160	18 150	165	17 600	160	50°C	65°C	160 W / 4 000 K
		130	20 150	155	20 800	160	20 150	155	45°C	55°C	
		160	24 000	150	24 800	155	24 000	150	40°C	50°C	
69779	L1LEH-24PS200-Q-3C	155	24 000	160	25 575	165	24 800	160	50°C	65°C	200 W / 4 000 K
		185	28 675	155	29 600	160	28 675	155	45°C	55°C	
		200	30 000	150	31 000	155	30 000	150	40°C	50°C	
69780	L1LEH-48PS160-Q-3C	85	13 600	160	14 025	165	13 855	163	50°C	65°C	160 W / 4 000 K
		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	
69781	L1LEH-48PS240-Q-3C	160	24 800	155	26 080	163	25 120	157	50°C	65°C	240 W / 4 000 K
		200	30 400	152	32 000	160	30 800	154	45°C	55°C	
		240	36 000	150	37 920	158	36 480	152	40°C	50°C	
69782	L1LEH-48PS360-Q-3C	270	42 120	156	44 820	166	42 660	158	50°C	65°C	360 W / 4 000 K
		310	47 740	154	50 840	164	48 360	156	45°C	55°C	
		360	54 000	150	57 600	160	54 720	152	40°C	50°C	
69783	L1LEH-48PS480-Q-3C	320	51 200	160	54 400	170	51 200	160	50°C	65°C	480 W / 4 000 K
		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	
69784	L1LEH-48PS625-Q-3C	500	80 000	160	85 000	170	80 000	160	50°C	65°C	625 W / 4 000 K
		560	86 800	155	92 400	165	86 800	155	45°C	55°C	
		625	93 750	150	100 000	160	93 750	150	40°C	50°C	

¹ Suspended 18" from ceiling.

ACCESSORIES*

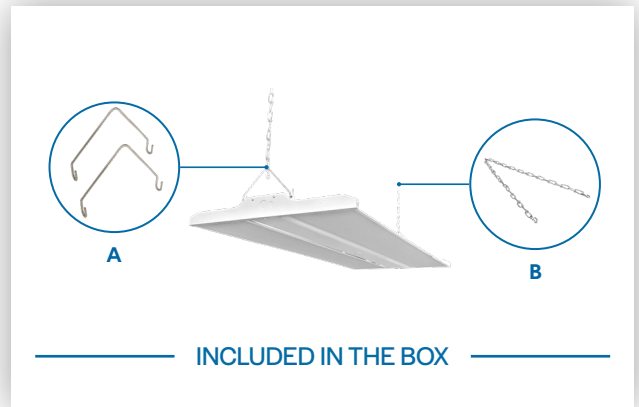
Order Code	Type	Compatible With	Master Figure	Case Qty
68907	V-Hooks (set of 2)	All configurations	100	A
68676	3.25 ft suspension chain kit (set of 2)	All configurations	100	B
68910	Surface Mount Bracket (set of 2)	All configurations	20	C
68911	Conduit Mount Kit	All configurations	20	D
68912¹	Wireguard 2 ft x 15.5 in	69777, 69778, 69779	4	E
68914¹	Wireguard 4 ft x 15.5 in	69780, 69781, 69782	4	E
68915¹	Wireguard 4 ft x 19.5 in	69783	4	E
69991¹	Wireguard 4 ft x 23.5 in	69784	4	E
69444^{2,3}	External High Frequency Sensor OSI-EFS06R	All configurations	100	F
70571^{2,3}	External High Frequency sensor OSI-EFS06R.B1	All configurations	100	F
69640^{2,3}	External PIR Sensor OSI-EFS07-AUX	All configurations	100	F
69080	Remote control OSI-RM51 for motion sensors	69444, 69640	100	F
70247	External 10kV surge protector	All configurations	20	G
70248	External 20kV surge protector	All configurations	20	G

* Order separately.

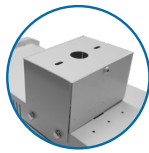
¹ Not compatible with 69444, 70571, 69640, 69651.

² Maximum ambient temperature for sensors is 55°C.

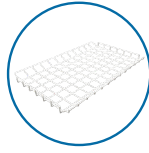
³ To change factory settings, purchase 69080 remote (sold separately).



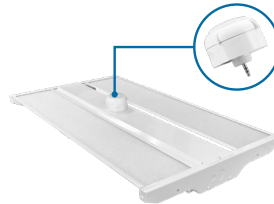
C



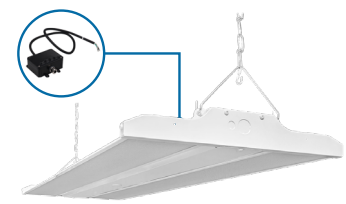
D



E



F



G

SMART ACCESSORIES* **G**

Order Code	Type	Compatible With	Figure
69651¹	Genio Bluetooth® Mesh external PIR sensor OSI-PIR106	All configurations	A
70276¹	Genio Bluetooth® Mesh Wet Location External PIR sensor White OSI-PIR106-W-WH	All configurations	B
70274¹	Genio Bluetooth® Mesh Wet Location External Fixture Controller White CTRL-KBC1-005	All configurations	C

¹ Maximum ambient temperature for sensors is 65°C.



A



B



C

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.

OCCUPANCY SENSORS

BI-LEVEL SENSORS

Detection - On at (Detection Area) % during (Hold Time) min., then (Stand-by Dim level) %

Order Code	Position	Volts (V)	Technology	Height (ft)	Detection Area (%)	Initial Brightness (%)	Sensitivity (%)	Hold Time (min)	Stand-by Dim Level (%)	Stand-By Period (Min)	Remote ¹	Location (°C)
69444	External	120-347 (12 V DC)	High Frequency	40 (max)	100	50, 75, 100	0 (Off), 50 (Low), 100 (High)	30s, 5min, 15min, 30min	0, 10, 30, 50	infinite	69080	Dry and Wet, -30 to +40
70571	External	120-347 (12 V DC)	High Frequency	40 (max)	100	50, 75, 100	0 (Off), 50 (Low), 100 (High)	30s, 5min, 15min, 30min	0, 10, 30, 50	infinite	69080	Dry and Wet, -30 to +40
69640	External	120-347 (12 V DC)	PIR	20-40	100	50, 75, 100	0 (Off), 50 (Low), 100 (High)	30s, 5min, 15min, 30min	0, 10, 30, 50	Infinite	69080	Dry and Damp, -30 to +40
69651	External	120-347 (12 V DC)	Bluetooth & PIR	40 (max)	100	See App Instructions	See App Instructions	See App Instructions	See App Instructions	See App Instructions	N/A	Dry and Damp, -30 to +40

Default settings: Brightness: 100%, hold time: 5min, stand-by dim: 50%, stand-by time: 30min, photocell: off, sensitivity: 100%.

TRI-LEVEL SENSORS

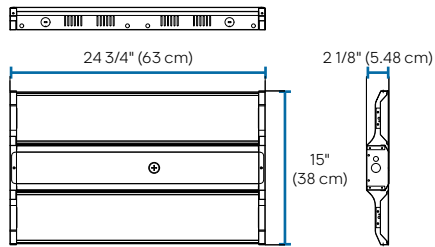
Detection - On at (Detection Area) % during (Hold Time) min., then (Stand-by Dim level) % during (Stand-by time) min, then OFF

Order Code	Position	Volts (V)	Technology	Height (ft)	Detection Area (%)	Initial Brightness (%)	Sensitivity (%)	Hold Time (min)	Stand-by Dim Level (%)	Stand-By Period (Min)	Remote ¹	Location (°C)
69444	External	120-347 (12 V DC)	High Frequency	40 (max)	100	50, 75, 100	0 (Off), 50 (Low), 100 (High)	30s, 5min, 15min, 30min	0, 10, 30, 50	10s, 5min, 5min, 30min, 60min	69080	Dry and Wet, -30 to +40
70571	External	120-347 (12 V DC)	High Frequency	40 (max)	100	50, 75, 100	0 (Off), 50 (Low), 100 (High)	30s, 5min, 15min, 30min	0, 10, 30, 50	10s, 5min, 5min, 30min, 60min	69080	Dry and Wet, -30 to +40
69640	External	120-347 (12 V DC)	PIR	20-40	100	50, 75, 100	0 (Off), 50 (Low), 100 (High)	30s, 5min, 15min, 30min	0, 10, 30, 50	Infinite	69080	Dry and Damp, -30 to +40
69651	External	120-347 (12 V DC)	Bluetooth & PIR	40 (max)	100	See App Instructions	See App Instructions	See App Instructions	See App Instructions	See App Instructions	N/A	Dry and Damp, -30 to +40

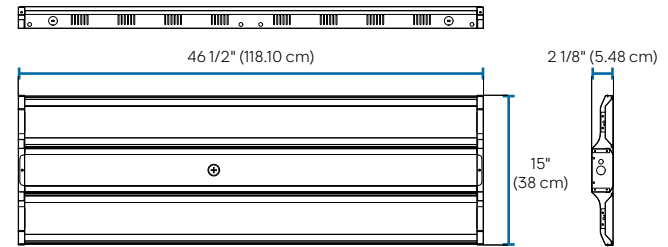
Default settings: Brightness: 100%, hold time: 5min, stand-by dim: 50%, stand-by time: 30min, photocell: off, sensitivity: 100%
¹ To be ordered separately.

DIMENSIONS AND WEIGHTS

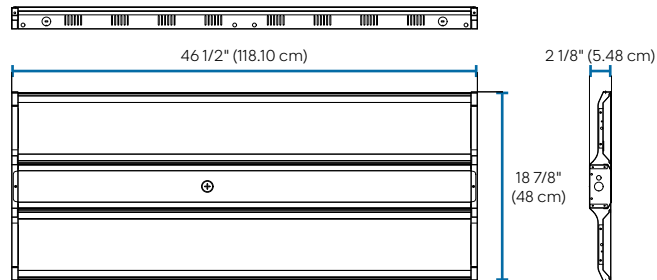
24" (PS120, PS160, PS200 models)



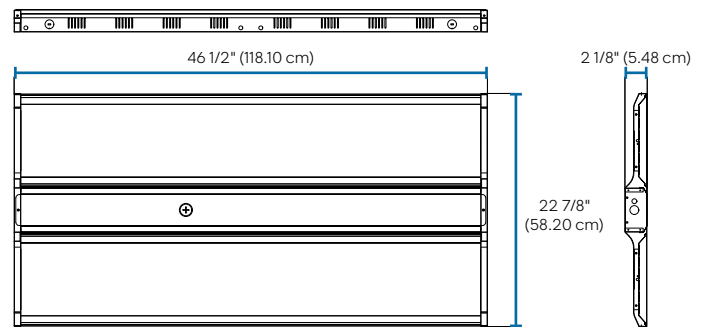
48" (PS160, PS240, PS360 models)



48" (PS480 model)



48" (PS625 model)



	24" (PS120, PS160, PS200 models)	48" (PS160, PS240, PS360 models)	48" (PS480 model)	48" (PS625 model)
Net weight (lbs)	10.36	17.86	18.96	19.84

PRODUCT FEATURES

Integrated 1-pin receptacle to easily install and operate smart and non-smart sensors

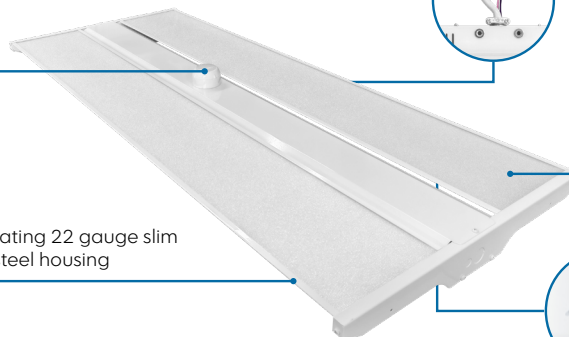


6' power and dimming cables included with each luminaire



Frosted polycarbonate lens

White powder coating 22 gauge slim and lightweight steel housing



Color temperature and Power Selectable switches easily accessible on the housing

