

PROJECT: DATE:

DISTRIBUTOR: CATALOGUE #: TYPE:

DRAWN BY: CONTRACTOR: PO:



STANPRO
SPEC SHEET

CONTROLS-READY,
3 CCT AND POWER SELECTABLE

FEATURES AND SPECIFICATIONS

CONSTRUCTION

Physical Characteristics

- Pure light aluminum shell provides optimal heat dissipation and high lumen efficacy
- Clear polycarbonate impact-resistant lens over LEDs provides a high light efficacy. Standard 90° beam angle. Optional 120° beam angle lens available (see accessories below)
- CCT and Power Select switches are placed discretely inside the driver housing
- 10' power cable and 10' dimming cable included in all configurations
- Integrated sensor receptacle makes for easy plug-and-play installation of smart and non-smart sensors. No wiring required. Sensors are sold separately, see accessories table

Mounting

- Hook mount included for suspended mounting. The hook is removable for 1/2 NPT conduit mounting. For additional security, use the safety cable accessory. Trunnion with pivot range ($\pm 90^\circ$) is available for yoke bracket surface mounting (see accessories table below)

PERFORMANCE DATA

- Available in 3 500, 4 000 and 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 with this luminaire
- 6 kV surge protection (standard)
- Operating temperature: -40°C to 50°C (-40°F to 122°F)

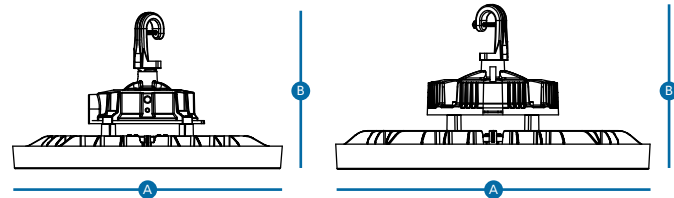
COMPLIANCES

- UL certified for wet locations for Canada and USA
- IP65
- IK08 (lens only)
- NSF certified (Splash Zone and Non Food Zone)
- ICES-005 Class A
- NEMA 4X
- BC Hydro
- DLC Premium

TECHNICAL DRAWINGS

100/120/150 W
130/150/180 W

200/240 W



Type	A	B	Net Weight (lbs)
100/120/150 W	11 3/4" (30 cm)	6 7/8" (17.40 cm)	4.4
130/150/180 W	11 3/4" (30 cm)	6 7/8" (17.40 cm)	4.4
200/240 W	13 3/4" (35 cm)	7 1/8" (18.10 cm)	9.5

* Please refer to the product web page to view detailed drawings by size.



3 CCT



POWER
SELECTABLE



5 YEARS
WARRANTY



CONTROLS
READY



UL
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 ⁶	Watts (W)	Volts (VAC)	Lumen Output (lm) ^{2,3}	Efficacy (lm/W)	Calculated TM21 (hrs) ⁴	Beam Angle (°) ⁵	PF	THD (%)
CCT and Power Selectable											
	69428	L1RVH-PS150-Q/3C-B/CHOICE	S-V0P9RO	100/120/150	120-347	16 323/19 341/24 339	170	149 000	90	> 0.9	< 20
	69560	L1RVH-PS150-Q/3C-W/CHOICE	S-V0P9RO	100/120/150	120-347	16 323/19 341/24 339	170	149 000	90	> 0.9	< 20
	69746	L1RVH-PS180-Q/3C-B/CHOICE	S-KG0PPL	130/150/180	120-347	23 258/25 467/29 510	165	147 000	90	> 0.9	< 20
	69429	L1RVH-PS240-Q/3C-B/CHOICE	S-DP2ER8	200/240	120-347	32 363/38 345	168	147 000	90	> 0.9	< 20

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

² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

³ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁴ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 extrapolations.

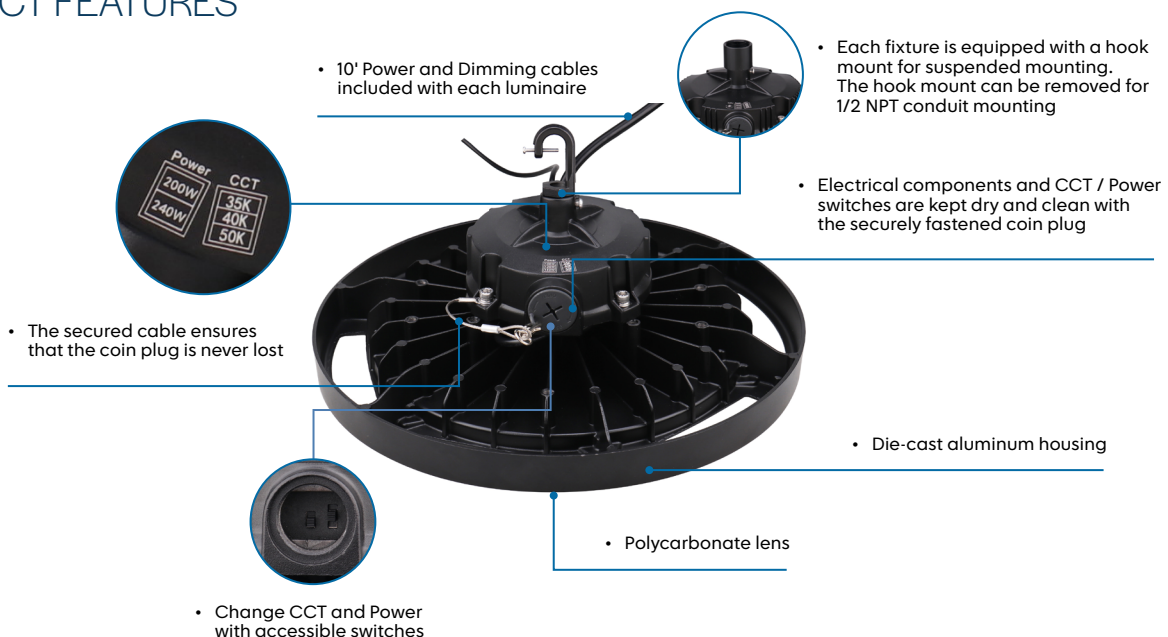
⁵ 120° beam angle also available. See accessory table.

⁶ 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		Default Programming
			Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)	Lumen Output (lm)	Efficacy (lm/W)	
69428	L1RVH-PS150-Q/3C-B/CHOICE	100	15 768	163	16 323	175	15 663	165	150 W / 4 000 K
		120	18 486	158	19 341	171	18 567	158	
		150	22 993	149	24 339	165	22 956	149	
69560	L1RVH-PS150-Q/3C-W/CHOICE	100	15 768	163	16 323	175	15 663	165	150 W / 4 000 K
		120	18 486	158	19 341	171	18 567	158	
		150	22 993	149	24 339	165	22 956	149	
69746	L1RVH-PS180-Q/3C-B/CHOICE	130	22 394	162	23 258	174	22 902	169	180 W / 4 000 K
		150	24 588	160	25 467	169	24 800	165	
		180	28 422	158	29 510	165	28 691	161	
69429	L1RVH-PS240-Q/3C-B/CHOICE	200	31 212	156	32 363	170	30 739	157	240 W / 4 000 K
		240	36 975	149	38 345	166	36 706	150	

PRODUCT FEATURES



ACCESSORIES*

Order Code	Type	Compatible With	Figure
68818	1/2 NPT Male to 3/4 NPT Female adapter with black junction box	69428, 69429, 69746	A
69660	1/2 NPT Male to 3/4 Female adapter with white junction box	69560	A
HAR1159	1/2 NPT Male to 3/4 NPT Female conduit adapter	All configurations	B
68819	Trunnion 100W-180W Black	69428, 69746	C
69661	Trunnion 100W-180W White	69560	C
68820	Trunnion 200W-240W Black	69429	C
69627	120° Beam Angle Lens 100W-180W	69428, 69560, 69746	D
69628	120° Beam Angle Lens 200W-240W	69429	D
69629	Stainless steel safety cable (10 ft)	All configurations	E
68821	Aluminium reflector 100W-180W	69428, 69560, 69746	F
68822	Aluminum reflector 200W-240W	69429	F
68823	PC reflector 100W-180W	69428, 69560, 69746	G
68824	PC reflector 200W-240W	69429	G
69630	PC reflector cover 100W-180W	69428, 69560, 69746	G
69631	PC reflector cover 200W-240W	69429	G
69907⁷	Stainless steel wireguard 100-180W	69428, 69560, 69746	H
69908⁷	Stainless steel wireguard 200-240W	69429	H
70439⁸	Stainless steel wireguard 100-180W	69428, 69560, 69746	H
70440⁸	Stainless steel wireguard 200-240W	69429	H
69444^{1,2,3}	External High Frequency sensor kit EFS06R	All configurations	I
69640^{1,2,3,4}	External PIR sensor kit OSI-EFS07-AUX	All configurations	-
69080	Remote control RM51	69444, 69640	-
69013^{5,6}	External Rugby emergency back-up BLD-RM30R	All configurations	J
69014	Remote control Rugby EM back-up RN51M	69013	-
70247	External 10kV surge protector	All configurations	K
70248	External 20kV surge protector	All configurations	K

* Order separately.

¹ Maximum ambient temperature for sensor is 55°C. When used in conjunction with reflectors 68821, 68822, 68823 and 68824, the ambient temperature cannot exceed 25°C.

² To change the factory setting, purchase remote 69080 (sold separately).

³ Not for use in NSF environment.

⁴ PIR sensor detection range is significantly reduced when used in conjunction with reflectors 68821, 68822, 68823 and 68824.

⁵ To manually test in EM mode remote 69014 can be purchased separately.

⁶ Not compatible with smart and non-smart sensors.

⁷ Not compatible with 69640 and 69651.

⁸ Compatible with all sensor.



SMART ACCESSORIES* G

Order Code	Type	Compatible With	Figure
69651 ^{1,2}	Genio Bluetooth® Mesh PIR sensor OSI-PIR106	All configurations	A
70002 ^{1,2}	Genio Bluetooth® Mesh Wet Location External PIR sensor Black OSI-PIR106-W	All configurations	B
70276 ^{1,2}	Genio Bluetooth® Mesh Wet Location External PIR sensor White OSI-PIR106-W-WH	All configurations	C
70000 ^{2,3}	Genio Bluetooth® Mesh Wet Location External Fixture Controller Black CTRL-KBC1-002	All configurations	D
70274 ^{2,3}	Genio Bluetooth® Mesh Wet Location External Fixture Controller White CTRL-KBC1-005	All configurations	E

* Order separately.

¹ Maximum ambient temperature for sensor is 65°C. PIR sensor detection range is significantly reduced when used in conjunction with reflectors 68821, 68822, 68823 and 68824.

² Not for use in NSF environment.

³ Compatible with 69651.



A



B



C



D



E

COMPATIBLE DIMMERS¹

Brand	Model
Lutron	NTSTV-DV-AL, NFTV-IV, DVTV-WH
Leviton	DS710-10Z, IP710-DLZ
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	Volt (V)	Technology	Height (Ft)	Detection Area (%)	Initial Brightness (%)	Sensitivity (%)	Hold Time (Min)	Stand-By Dim Level (%)	Stand-By Period (Min)	Remote	Location (°C)
69444	External	120-347	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 +55
69640	External	120-347	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 +55
69651	External	120-347	Bluetooth® & PIR	40 (max)	100	See App Instructions	See App Instructions	See App Instructions	See App Instructions	See App Instructions	N/A	Dry, -30 to +65
70002, 70276	External	120-347	Bluetooth® & PIR	40 (max)	100	See App Instructions	See App Instructions	See App Instructions	See App Instructions	See App Instructions	N/A	Wet, -30 to +40

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

OCCUPANCY SENSORS

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	Volt (V)	Technology	Height (Ft)	Detection Area (%)	Initial Brightness (%)	Sensitivity (%)	Hold Time (Min)	Stand-By Dim Level (%)	Stand-By Period (Min)	Remote	Location (°C)
69444	External	120-347	High Frequency	40 (max)	100	50, 75, 100	0 (Off), 50 (Low), 100 (High)	30s, 5min, 15min, 30min	0, 10, 30, 50	10s, 5min, 15min, 30min, 60min	69080	Dry and Wet, -30 to +55
69640	External	120-347	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 +55
69651	External	120-347	Bluetooth® & PIR	40 (max)	100	See App Instructions	See App Instructions	See App Instructions	See App Instructions	See App Instructions	N/A	Dry, -30 to +65
70002, 70276	External	120-347	Bluetooth® & PIR	40 (max)	100	See App Instructions	See App Instructions	See App Instructions	See App Instructions	See App Instructions	N/A	Wet, -30 to +40

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