

Project: _____

Type: _____

Drawn by: _____ Catalogue #: _____

Date: _____

Individual Spec Sheet

L1RVH CHOICE

ROUND ECONOMIC AND HIGH PERFORMING LUMINAIRE 3 CCT AND POWER SELECTABLE FEATURES

ORDERING INFORMATION

Order code: 69746
Model number: L1RVH-PS180-Q/3C-B/CHOICE
UPC: 069549029675
Case quantity: 1
DLC unique ID: S-KG0PPL (DLC Premium)

PHYSICAL DATA

Length in. (cm): 11 3/4" x 6 7/8" (30 cm x 17.4 cm)
Lens material: Clear Polycarbonate
Housing material: Black Aluminium
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). All configurations include a 10' power cable and 10' dimming cable

PERFORMANCE DATA

Watts (W): 130/150/180
Volts (V AC): 120-347
Color temperature (K):¹ 3 500/4 000/5 000
Lumen output (lm):² 23 258/25 467/29 510
Efficacy (lm/W): 165
CRI: 80+
Life L70 (h):³ 100 000
Tested LM-80 (h):³ 9 000
Dimming: 0-10 V
Power factor: >0.9
THD (%): <20
Surge protection (kV): 6
Operating temp. range: -40°C to 50°C (-40°F to 122°F)
IP Rating IP65
NEMA and NSF type Meets NEMA 4X, Meets NSF Requirements (Splash Zone and Non Food Zone)

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

² Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

³ Life hours are derived from IESNA LM80-08 testing report and projected per IESNA TM-21-11 extrapolations.

LUMEN SPECIFICATION TABLE

Watts (W)	3 500 K		4 000 K		5 000 K	
	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)
130	22 394	162	23 258	174	22 902	169
150	24 588	160	25 467	169	24 800	165
180	28 422	158	29 510	165	28 691	161

DEFAULT PROGRAMMING

180 W / 4 000 K

This lighting equipment complies with Canadian standard ICES-005 for use in residential applications.
Data is based upon tests performed in a controlled environment.
Actual performance can vary depending on operating conditions. Specifications are subject to change without notice.



ACCESSORIES (order separately)

Order code	Type
68818	1/2 NPT Male to 3/4 NPT Female adapter with Black junction box
HAR1166	1/2 NPT Male to 3/4 NPT Female conduit adapter
68819	Trunnion 100W-180W Black
69627	120° beam angle lens 100W-180W
69629	Stainless steel safety cable (10 ft)
68821	Aluminium reflector 100W-180W
68823	PC reflector 100W-180W
69630	PC reflector cover 100W-180W
69907	Stainless steel wireguard 100-180W
69651	Bluetooth Mesh PIR sensor OSI-PIR106
69444 ¹	External High Frequency sensor EFS06R
69640 ¹	External PIR sensor kit OSI-EFS07-AUX
69080	Remote control OSI-IFS05R-HBL1 for sensors
69013 ²	External Rugby emergency back-up BLD-RM30R
69014	Remote control Rugby EM back-up RN51M

¹ To change factory setting, purchase remote 69080 (sold separately)

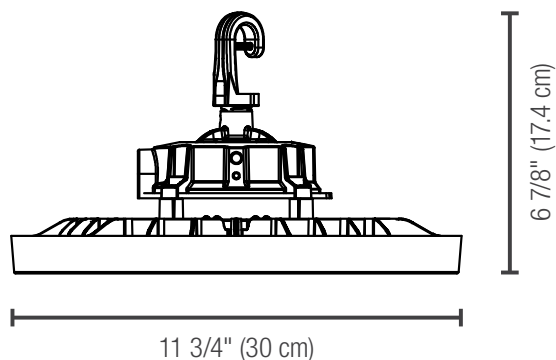
² To manually test in EM mode remote 69014 can be purchased separately

COMPATIBLE DIMMERS¹

Brand	Model
Lutron	NTSTV-DV-AL, NDTV-IV, DDTV-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.

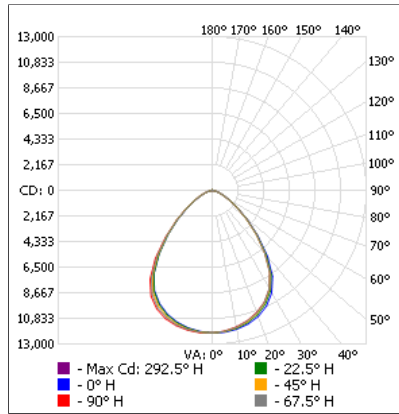
DIMENSIONS
130/150/180 W


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.

PHOTOMETRIC DATA¹

69746 • L1RVH-PS180-Q/3C-B/CHOICE • 130 W • 4 000 K • 23 207 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	9 321.6	40.2
0-40	14 725.2	63.5
0-60	21 360.3	92
60-90	1 759.7	7.6
70-100	586.1	2.5
90-120	10.3	0
0-90	23 120.0	99.6
90-180	87.4	0.4
0-180	23 207.4	100

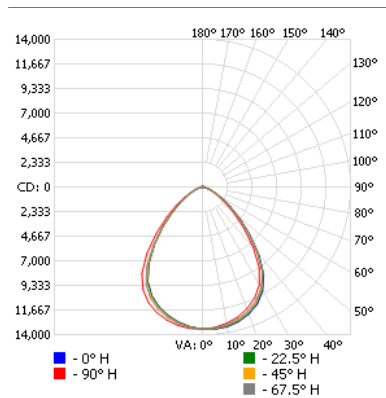
Illuminance at a distance

Center beam fc		Beam width	
1.7'	4 171	3.2'	3.2'
3.3'	1 107	6.1'	6.2'
5.0'	482	9.3'	9.4'
6.7'	269	12.5'	12.6'
8.3'	175	15.5'	15.6'
10.0'	121	18.6'	18.8'

■ Vert. spread : 85.9°
■ Horiz. spread : 86.6°

69746 • L1RVH-PS180-Q/3C-B/CHOICE • 150 W • 4 000 K • 25 411 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	10 312.2	40.6
0-40	16 186.0	63.7
0-60	23 287.6	91.6
60-90	1 902.8	7.5
70-100	640.2	2.5
90-120	40.8	0.2
0-90	25 190.4	99.1
90-180	220.7	0.9
0-180	25 411.1	100

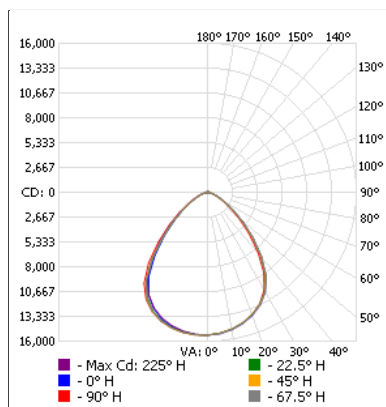
Illuminance at a distance

Center beam fc		Beam width	
1.7'	4 658	3.1'	3.1'
3.3'	1 236	6.0'	6.1'
5.0'	538	9.1'	9.2'
6.7'	300	12.2'	12.3'
8.3'	195	15.1'	15.3'
10.0'	135	18.2'	18.4'

■ Vert. spread : 84.6°
■ Horiz. spread : 85.2°

69746 • L1RVH-PS180-Q/3C-B/CHOICE • 180 W • 4 000 K • 29 445 lm

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	11 847.3	40.2
0-40	18 679.2	63.4
0-60	27 005.7	91.7
60-90	2 185.1	7.4
70-100	727.9	2.5
90-120	46.3	0.2
0-90	29 190.7	99.1
90-180	254.3	0.9
0-180	29 445.0	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	5 304	3.2'	3.2'
3.3'	1 408	6.1'	6.2'
5.0'	613	9.3'	9.3'
6.7'	341	12.4'	12.5'
8.3'	223	15.4'	15.5'
10.0'	153	18.6'	18.7'

■ Vert. spread : 85.8°
■ Horiz. spread : 86.1°

¹ Complete IES files available on our website.

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