

Individual Spec Sheet

L1RVH CHOICE

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

ORDERING INFORMATION

Order code: 69428
Model number: L1RVH-PS150-Q/3C-B/CHOICE
UPC: 069549027343
Case quantity: 1
DLC unique ID: S-V0P9RO (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): 100/120/150
Volts (V AC): 120-347
Color temperature (K): 3 500/4 000/5 000
Lumen output (lm): 16 323/19 341/24 339
Efficacy (lm/W): 157
CRI: 80+
Life L70 (h): 100 000
Tested LM-80 (h): 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: $\pm 5\%$.
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)
100	15 768	163	16 323	175	15 663	165
120	18 486	158	19 341	171	18 567	158
150	22 993	149	24 339	165	22 956	149

DEFAULT PROGRAMMING

150 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.

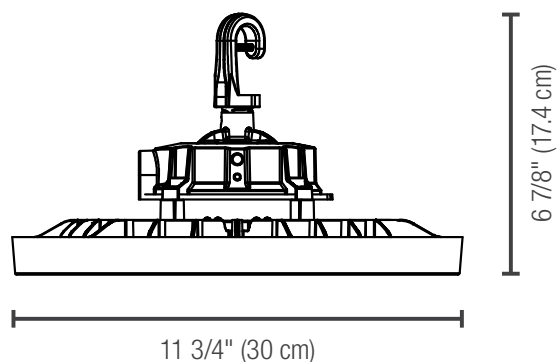


ACCESSORIES (order separately)

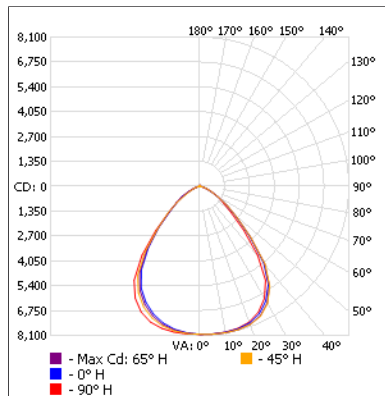
Order code	Type
68818	1/2 NPT Male to 3/4 NPT Female adapter with Black junction box
HAR1166	1/2 NPT Male to 3/4 NPT Female conduit adapter
68819	Trunnion 100W-150W Black
69627	120° beam angle lens 100W-150W
69629	Stainless steel safety cable (10 ft)
68821	Aluminium reflector 100W-150W
68823	PC reflector 100W-150W
69630	PC reflector cover 100W-150W
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 RF remote 69014 can be purchased separately

DIMENSIONS
100/120/150 W


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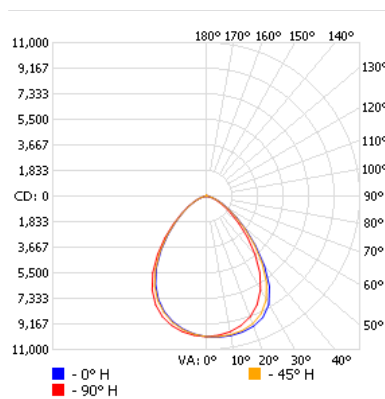
PHOTOMETRIC DATA¹
69428 • L1RVH-PS150-Q/3C-B/CHOICE • 100 W • 4 000 K • 15 629 lm
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	6 428.5	41.1
0-40	10 232.2	65.5
0-60	14 504.1	92.8
60-90	999.3	6.4
70-100	306.1	2
90-120	22.3	0.1
0-90	15 503.4	99.2
90-180	125.6	0.8
0-180	15 629.0	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	2 780	3.1'	3.2'
3.3'	738	6.0'	6.2'
5.0'	321	9.2'	9.3'
6.7'	179	12.3'	12.5'
8.3'	117	15.2'	15.5'
10.0'	80.3	18.3'	18.7'

■ Vert. spread: 84.9°
■ Horiz. spread: 86.1°

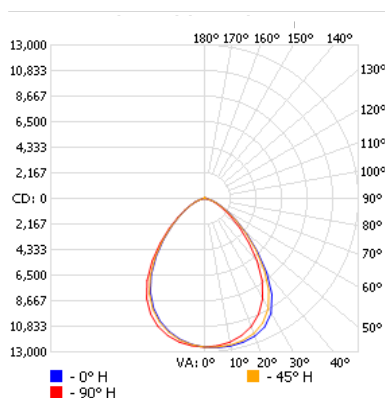
69428 • L1RVH-PS150-Q/3C-B/CHOICE • 120 W • 4 000 K • 19 298 lm
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	7 674.7	39.8
0-40	11 956.4	62
0-60	17 445.7	90.4
60-90	1 690.2	8.8
70-100	579.0	3
90-120	31.7	0.2
0-90	19 135.9	99.2
90-180	162.4	0.8
0-180	19 298.3	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	3 483	3.1'	3.0'
3.3'	924	6.0'	5.8'
5.0'	403	9.1'	8.9'
6.7'	224	12.2'	11.9'
8.3'	146	15.1'	14.7'
10.0'	102	18.2'	17.7'

■ Vert. spread: 84.6°
■ Horiz. spread: 83.1°

69428 • L1RVH-PS150-Q/3C-B/CHOICE • 150 W • 4 000 K • 24 286 lm
Polar candela distribution

Zonal lumen summary

Zone	Lumens	% Fixture
0-30	9 616.2	39.6
0-40	15 013.8	61.8
0-60	21 952.3	90.4
60-90	2 131.9	8.8
70-100	728.0	3
90-120	38.0	0.2
0-90	24 084.2	99.2
90-180	201.6	0.8
0-180	24 285.8	100

Illuminance at a distance

Center beam fc		Beam width	
1.7'	4 355	3.1'	3.0'
3.3'	1 156	6.0'	5.9'
5.0'	503	9.2'	8.9'
6.7'	280	12.3'	12.0'
8.3'	183	15.2'	14.8'
10.0'	126	18.3'	17.9'

■ Vert. spread: 84.9°
■ Horiz. spread: 83.5°

¹ Complete IES files available on our website.

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