

Individual Spec Sheet

HRV CHOICE

ECONOMICAL AND HIGH PERFORMING LED ROUND HIGH BAY

3 CCT and 3 Power Selectable

ORDERING INFORMATION

Order Code: 70596
Model Number: HRV-PS150-Q-3C-W/CHOICE
UPC: 069549035836
Case Quantity: 1
DLC Unique ID: S-J8QZ8G

PHYSICAL DATA

Lens Material: Clear polycarbonate
Housing Material: White aluminum
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)¹: 3 CCT (3 500/4 000/5 000)
Lumen Output (lm)²: 15 333-23 700
Efficacy (lm/W): 138-169
CRI: 80
Life L70 (h)³: 102 000
Tested LM-80 (h)³: 17 000
Dimming: 0-10 V
Power Factor: > 0.90
THD (%): < 20
Surge Protection (kV): 6
IP Rating: IP65
Operating Temp. Range: -40 °C to 50 °C (-40 °F to 122 °F)
NEMA and NSF Type: NEMA 4X and NSF certified (Splash Zone and Non Food Zone)

¹ Typical color temperature range: +/- 5 %.
² Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.
³ Life hours are derived from IESNA LM-80 testing report and projected per IESNA TM-21 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	15 800	158	16 667	167	15 333	153
120	19 200	160	20 250	169	18 750	156
150	20 700	138	23 700	158	22 650	151

DEFAULT PROGRAMMING

150 W / 4 000 K

This lighting equipment meets requirements of ICES-005 issue 5 class A for use in commercial 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.



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.

COMPATIBLE ACCESSORIES (order separately)

Order code	Description
68818	1/2 NPT Male to 3/4 NPT Female adapter with black junction box
HAR1159	1/2 NPT Male to 3/4 NPT Female conduit adapter
68819	Trunnion 100 W-180 W Black
69629	Stainless steel safety cable (10 ft)
70600	Aluminium reflector 100-180 W
70603	PC reflector 100-180 W
70606	PC reflector cover 100-240 W
70608	Stainless steel wireguard 100-180 W
70571 ^{1,2,3}	External High Frequency sensor kit EFS06R-B1
69640 ^{1,2,3,4}	External PIR sensor kit OSI-EFS07-AUX
69013 ⁵	External Rugby emergency back-up BLD-RM30R
69014	Remote control Rugby EM back-up RN51M
70247	External 10 kV surge protector
70248	External 20 kV surge protector

¹ Maximum ambient temperature for sensor is 55 °C. When used in conjunction with reflectors 70600, 70601, 70602, 70603, 70604, 70605, 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 70600, 70601, 70602, 70603, 70604, 70605.
⁵ To manually test in EM mode remote 69014 can be purchased separately.

SMART ACCESSORIES (order separately) 

Order code	Type
69651 ^{1,2}	Genio Bluetooth® Mesh PIR sensor OSI-PIR106
70002 ^{1,2}	Genio Bluetooth® Mesh Wet Location External PIR sensor Black OSI-PIR106-W
70276 ^{1,2}	Genio Bluetooth® Mesh Wet Location External PIR sensor White OSI-PIR106-W-WH
70000 ²	Genio Bluetooth® Mesh Wet Location External Fixture Controller Black CTRL-KBC1-002
70274 ²	Genio Bluetooth® Mesh Wet Location External Fixture Controller White CTRL-KBC1-005

¹ Maximum ambient temperature for sensor is 65°C. PIR sensor detection range is significantly reduced when used in conjunction with reflectors 70600, 70601, 70602, 70603, 70604, 70605.
² Not for use in NSF environment.

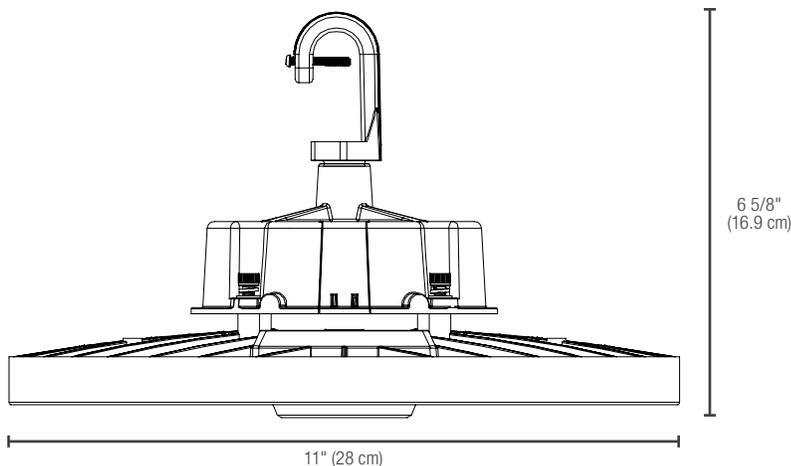
COMPATIBLE DIMMERS¹

Brand	Model
Lutron	NTSTV-DV-AL, NFTV-IV, DVTV-WH
Leviton	DS710-10Z, IP710-DLZ
Legrand	RH4FBL3PW

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.

Dimming range : 10 %-100 %

DIMENSIONS AND WEIGHTS



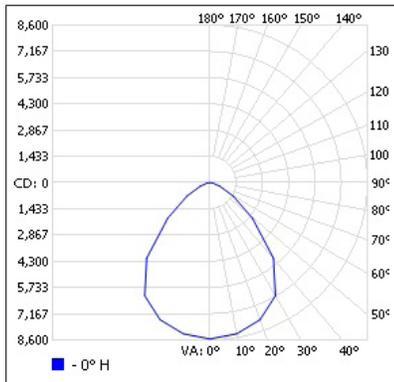
Net weight (lbs)	4.9
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PHOTOMETRIC DATA¹

70596 • HRV-PS150-Q-3C-W/CHOICE • 100 W • 4 000 K • 17 168 LM

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	6 590.7	38.4
0-40	10 490.5	61.1
0-60	15 684.2	91.4
60-90	1 484.0	8.6
0-90	17 168.2	100

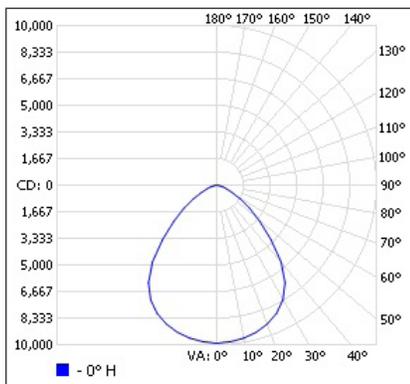
Illuminance at a distance

Center beam fc		Beam width
1.7	2 954	
3.3	784	6.5'
5.0	341	9.9'
6.7	190	13.3'
8.3	124	16.4'
10.0	85.4	19.8'

■ Vert. spread : 89.4°

70596 • HRV-PS150-Q-3C-W/CHOICE • 120 W • 4 000 K • 19 887 LM

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	7 686.6	38.7
0-40	12 281.7	61.8
0-60	18 263.0	91.8
60-90	1 623.9	8.2
0-90	19 886.9	100

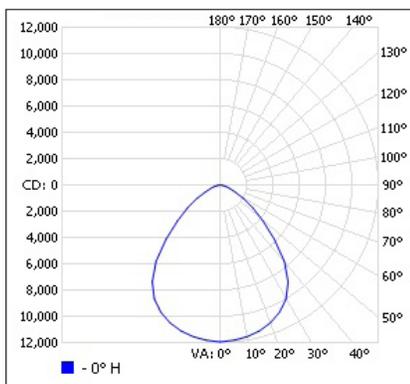
Illuminance at a distance

Center beam fc		Beam width
1.7	3 428	
3.3	910	6.5'
5.0	396	9.8'
6.7	221	13.1'
8.3	144	16.3'
10.0	99.1	19.6'

■ Vert. spread : 88.9°

70596 • HRV-PS150-Q-3C-W/CHOICE • 150 W • 4 000 K • 23 999 LM

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	9 266.2	38.6
0-40	14 815.5	61.7
0-60	22 040.1	91.8
60-90	1 958.4	8.2
0-90	23 998.6	100

Illuminance at a distance

Center beam fc		Beam width
1.7	4 128	
3.3	1 095	6.5'
5.0	477	9.8'
6.7	266	13.2'
8.3	173	16.3'
10.0	119	19.7'

■ Vert. spread : 89.1°

¹ Complete IES files available on our website.

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