

Project: _____ Type: _____
 Drawn by: _____ Catalogue #: _____ Date: _____

Individual Spec Sheet

HRV CHOICE

ECONOMICAL AND HIGH PERFORMING LED ROUND HIGH BAY

3 CCT and 3 Power Selectable

ORDERING INFORMATION

Order Code: 70598
Model Number: HRV-PS240-Q-3C-B/CHOICE
UPC: 069549035850
Case Quantity: 1
DLC Unique ID: S-QH28W7

PHYSICAL DATA

Lens Material: Clear polycarbonate
Housing Material: Black 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): 150/200/240
Volts (V AC): 120-347
Color Temperature (K):¹ 3 CCT (3 500/4 000/5 000)
Lumen Output (lm):² 22 839-35 948
Efficacy (lm/W): 141-174
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: $\pm 5\%$.

² Lumen values are derived from photometric testing. Initial lumens range: $\pm 10\%$.

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)
150	22 839	160	23 921	174	23 074	161
200	29 006	150	30 884	167	28 788	150
240	34 256	141	35 948	160	33 292	142

DEFAULT PROGRAMMING

240 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)
70601	Aluminum reflector 200-240 W
70604	PC reflector 200-240 W
70606	PC reflector cover 100-240 W
70609	Stainless steel wireguard 200-240 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.

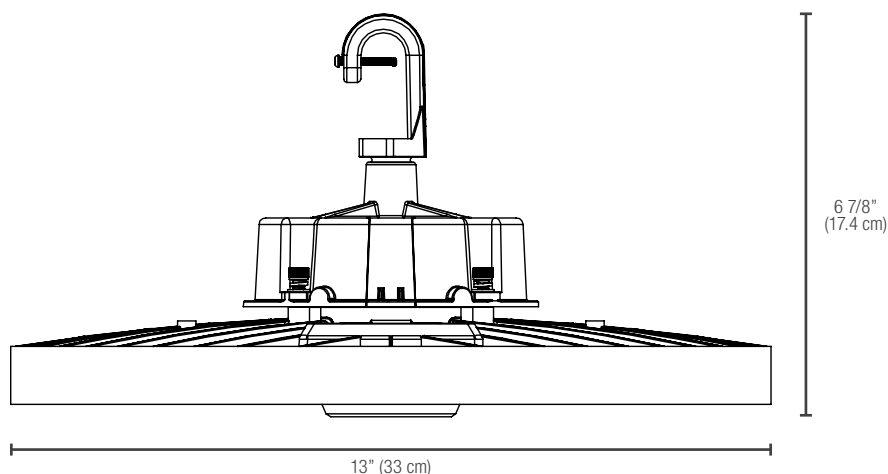
COMPATIBLE DIMMERS¹

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

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 AND WEIGHTS



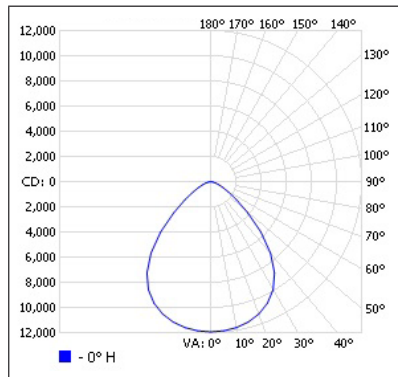
Net weight (lbs)	6.6
------------------	-----

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

70598 • HRV-PS240-Q-3C-B/CHOICE • 150 W • 4 000 K • 22 970 LM

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	9 268.8	40.4
0-40	14 724.4	64.1
0-60	21 354.0	93
60-90	1 616.2	7
0-90	22 970.2	100

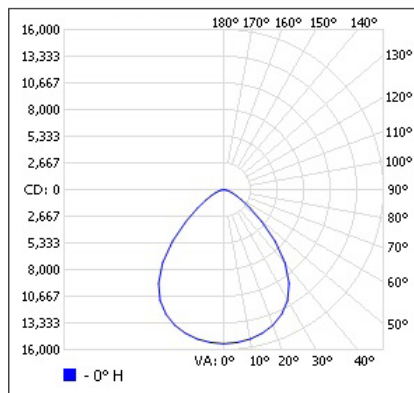
Illuminance at a distance

Center beam fc	Beam width
1.7	4 129
3.3	1 096
5.0	477
6.7	266
8.3	173
10.0	119

■ Vert. spread: 88.1°

70598 • HRV-PS240-Q-3C-B/CHOICE • 200 W • 4 000 K • 29 674 LM

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	11 943.9	40.3
0-40	18 984.5	64
0-60	27 558.6	92.9
60-90	2 115.4	7.1
0-90	29 674.0	100

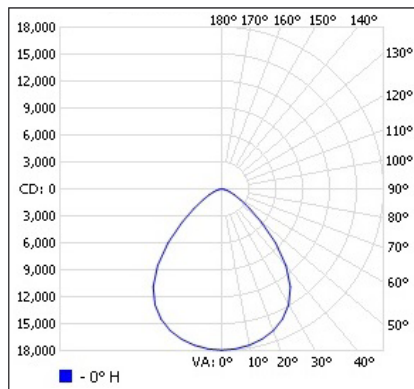
Illuminance at a distance

Center beam fc	Beam width
1.7	5 328
3.3	1 414
5.0	616
6.7	343
8.3	224
10.0	154

■ Vert. spread: 88.1°

70598 • HRV-PS240-Q-3C-B/CHOICE • 240 W • 4 000 K • 34 532 LM

Polar candela distribution



Zonal lumen summary

Zone	Lumens	% Fixture
0-30	13 903.8	40.3
0-40	22 109.7	64
0-60	32 097.0	92.9
60-90	2 434.9	7.1
0-90	34 532.0	100

Illuminance at a distance

Center beam fc	Beam width
1.7	6 205
3.3	1 647
5.0	717
6.7	400
8.3	260
10.0	179

■ Vert. spread: 88.0°

¹ Complete IES files available on our website.

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.