

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: 70597
Model Number: HRV-PS200-Q-3C-B/CHOICE
UPC: 069549035843
Case Quantity: 1
DLC Unique ID: S-G3WD3Q

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): 150/180/200
Volts (V AC): 120-347
Color Temperature (K)¹: 3 CCT (3 500/4 000/5 000)
Lumen Output (lm)²: 22 000-31 989
Efficacy (lm/W): 147-164
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) |
| 150 | 22 000 | 147 | 24 000 | 160 | 22 500 | 150 |
| 180 | 26 500 | 147 | 29 000 | 161 | 27 000 | 150 |
| 200 | 29 500 | 148 | 31 898 | 164 | 29 940 | 147 |

DEFAULT PROGRAMMING

200 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.

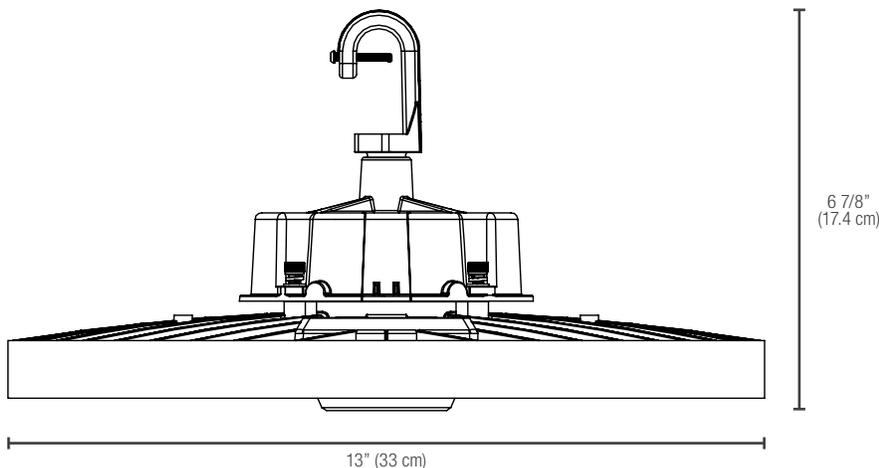
COMPATIBLE DIMMERS¹

| Brand | Model |
|---------|-------------------------------|
| Lutron | NTSTV-DV-AL, NFTV-IV, DDTV-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



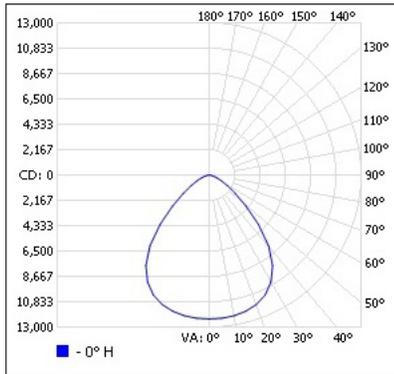
| | |
|------------------|-----|
| Net weight (lbs) | 6.6 |
|------------------|-----|

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

70597 • HRV-PS200-Q-3C-B/CHOICE • 150 W • 4 000 K • 24 443 LM

Polar candela distribution



Zonal lumen summary

| Zone | Lumens | % Fixture |
|-------|----------|-----------|
| 0-30 | 9 748.9 | 39.9 |
| 0-40 | 15 577.9 | 63.7 |
| 0-60 | 22 659.9 | 92.7 |
| 60-90 | 1 782.6 | 7.3 |
| 0-90 | 24 442.5 | 100 |

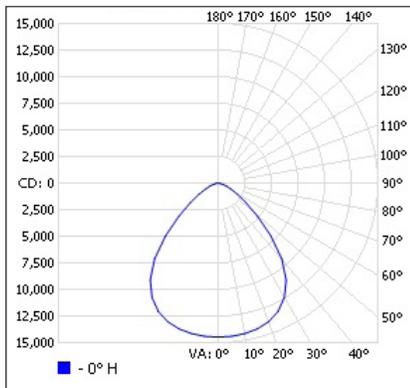
Illuminance at a distance

| Center beam fc | Beam width |
|----------------|------------|
| 1.7 | 4 254 |
| 3.3 | 1 129 |
| 5.0 | 492 |
| 6.7 | 274 |
| 8.3 | 178 |
| 10.0 | 123 |

■ Vert. spread : 88.9°

70597 • HRV-PS200-Q-3C-B/CHOICE • 180 W • 4 000 K • 28 767 LM

Polar candela distribution



Zonal lumen summary

| Zone | Lumens | % Fixture |
|-------|----------|-----------|
| 0-30 | 11 473.7 | 39.9 |
| 0-40 | 18 334.0 | 63.7 |
| 0-60 | 26 668.8 | 92.7 |
| 60-90 | 2 098.0 | 7.3 |
| 0-90 | 28 766.8 | 100 |

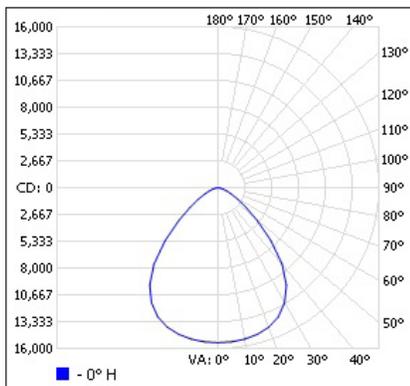
Illuminance at a distance

| Center beam fc | Beam width |
|----------------|------------|
| 1.7 | 5 007 |
| 3.3 | 1 329 |
| 5.0 | 579 |
| 6.7 | 322 |
| 8.3 | 210 |
| 10.0 | 145 |

■ Vert. spread : 88.9°

70597 • HRV-PS200-Q-3C-B/CHOICE • 200 W • 4 000 K • 30 629 LM

Polar candela distribution



Zonal lumen summary

| Zone | Lumens | % Fixture |
|-------|----------|-----------|
| 0-30 | 12 216.4 | 39.9 |
| 0-40 | 19 520.7 | 63.7 |
| 0-60 | 28 395.1 | 92.7 |
| 60-90 | 2 233.8 | 7.3 |
| 0-90 | 30 628.9 | 100 |

Illuminance at a distance

| Center beam fc | Beam width |
|----------------|------------|
| 1.7 | 5 331 |
| 3.3 | 1 415 |
| 5.0 | 616 |
| 6.7 | 343 |
| 8.3 | 224 |
| 10.0 | 154 |

■ Vert. spread : 88.9°

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.