

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)<sup>1</sup>:** 3 500/4 000/5 000  
**Lumen Output (lm)<sup>2</sup>:** 23 258/25 467/29 510  
**Efficacy (lm/W):** 165  
**Standard Beam Angle (°):** 90  
**CRI:** 80+  
**Life L70 (h)<sup>3</sup>:** 100 000  
**Tested LM-80 (h)<sup>3</sup>:** 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** NEMA 4X and NSF certified (Splash Zone and Non Food Zone)

<sup>1</sup> Typical colour temperature range:  $\pm 5\%$ .  
<sup>2</sup> Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.  
<sup>3</sup> Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21 extrapolations.

### LUMEN SPECIFICATION TABLE

| Watts<br>(W) | 3 500 K              |                    | 4 000 K              |                    | 5 000 K              |                    |
|--------------|----------------------|--------------------|----------------------|--------------------|----------------------|--------------------|
|              | Lumen output<br>(lm) | Efficacy<br>(lm/W) | Lumen output<br>(lm) | Efficacy<br>(lm/W) | Lumen output<br>(lm) | Efficacy<br>(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.



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](http://www.designlights.org/search).

**ACCESSORIES (sold 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                    | Trunion 100 W-180 W Black                                      |
| 69627                    | 120° beam angle lens 100 W-180 W                               |
| 69629                    | Stainless steel safety cable (10 ft)                           |
| 68821                    | Aluminium reflector 100 W-180 W                                |
| 68823                    | PC reflector 100 W-180 W                                       |
| 69630                    | PC reflector cover 100 W-180 W                                 |
| 69907 <sup>6</sup>       | Stainless steel wireguard 100-180 W                            |
| 70439 <sup>7</sup>       | Stainless steel wireguard 100-180 W                            |
| 69444 <sup>1,2,3</sup>   | External High Frequency sensor EFS06R                          |
| 69640 <sup>1,2,3,4</sup> | External PIR sensor kit OSI-EFS07-AUX                          |
| 69080                    | Remote control OSI-IFS05R-HBL1 for sensors                     |
| 69013 <sup>5</sup>       | 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                                 |

<sup>1</sup> Maximum ambient temperature for sensor is 55°C. When used in conjunction with reflectors 68821, 68822, 68823 and 68824, the ambient temperature cannot exceed 25°C

<sup>2</sup> To change the factory setting, purchase remote 69080 (sold separately)

<sup>3</sup> Not for use in NSF environment

<sup>4</sup> PIR sensor detection range is significantly reduced when used in conjunction with reflectors 68821, 68822, 68823 and 68824

<sup>5</sup> To manually test in EM mode remote 69014 can be purchased separately

<sup>6</sup> Not compatible with 69640 and 69651

<sup>7</sup> Compatible with all sensors

**COMPATIBLE DIMMERS<sup>1</sup>**

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

Dimming range: 10 %-100 %

<sup>1</sup> 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.

**SMART ACCESSORIES (sold separately) G®**

| Order code           | Type   |
|----------------------|--|
| 69651 <sup>1,2</sup> | Genio Bluetooth® Mesh external PIR sensor OSI-PIR106                               |
| 70002 <sup>1,2</sup> | Genio Bluetooth® Mesh Wet Location External PIR sensor Black OSI-PIR106-W          |
| 70276 <sup>1,2</sup> | Genio Bluetooth® Mesh Wet Location External PIR sensor White OSI-PIR106-W-WH       |
| 70000 <sup>2,3</sup> | Genio Bluetooth® Mesh Wet Location External Fixture Controller Black CTRL-KBC1-002 |
| 70274 <sup>2,3</sup> | Genio Bluetooth® Mesh Wet Location External Fixture Controller White CTRL-KBC1-005 |

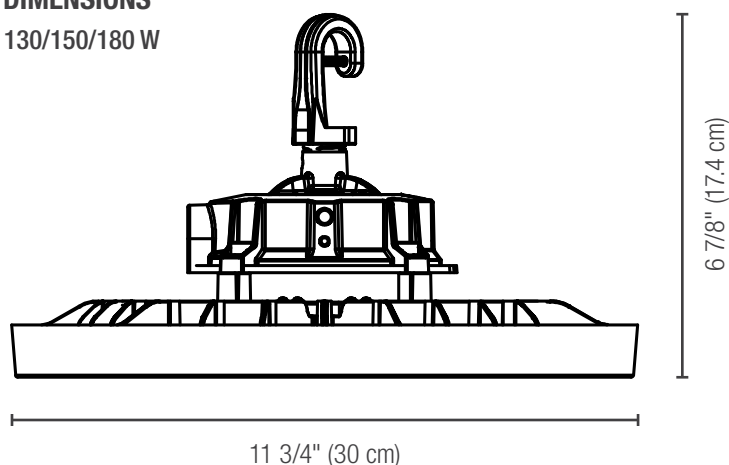
<sup>1</sup> Maximum ambient temperature for sensors is 65°C PIR sensor detection range is significantly reduced when used in conjunction with reflectors 68821, 68822, 68823 and 68824

<sup>2</sup> Not for use in NSF environment

<sup>3</sup> Compatible with 69651

**DIMENSIONS**

130/150/180 W

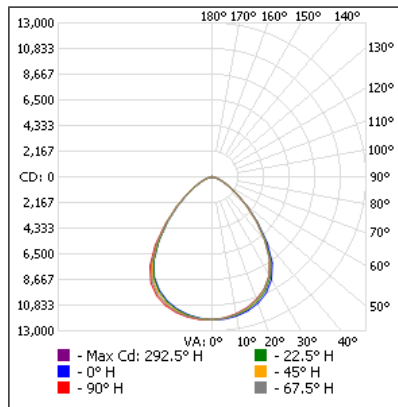


Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

## PHOTOMETRIC DATA<sup>1</sup>

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       |

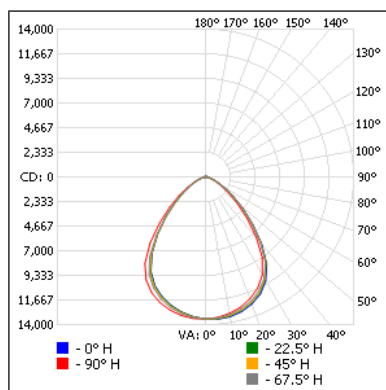
### Illuminance at a distance

| 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       |

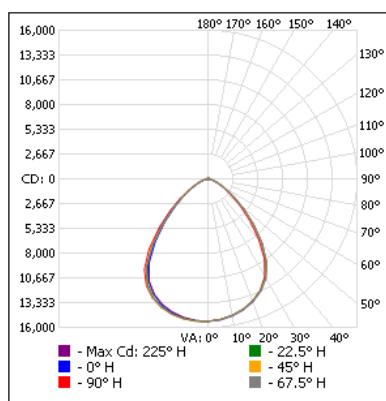
### Illuminance at a distance

| 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°

<sup>1</sup> Complete IES files available on our website.

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