

## DESCRIPTION

The RQHL Series is a cost-effective round highbay solution offered in multiple lumen packages. Delivering up to 30,000 lumens, the RQHL is optimized for project flexibility in retail, industrial, commercial, manufacturing, warehousing, gymnasium and other large interior spaces with mounting heights up to 50'. The RQHL features an IK10 rated lens and is supplied with a standard 3/4" mounting hook, 6' cord and safety cord. This series can be pendant, hook or surface mounted and is available with optional battery backup, motion sensor and a variety of other accessories. This highbay is suitable for ambient temperatures up to 50°C (122°F).

## SPECIFICATIONS

### Construction:

- Die-cast aluminum housing with heat-dissipating fins in a black powder coated finish
- Sealed design for use in Wet Locations
- Isolated top driver compartment optimizes thermal dissipation
- 3/4" Hook, 6' whip and security cable included

### Optics/LEDs:

- UV-stabilized polycarbonate lens - IK10 impact tested
- Diffused 160° distribution
- Multiple lumen packages from 9100 to 30,000 lumens for job flexibility
- Available in 4000K and 5000K CCT
- Efficacy up to 140 LPW
- L70 >100,000 hours
- Rated for over 50,000 hours at 50°C (122°F)
- CRI ≥80

### Electrical:

- Class 2 power supply, universal 120-277VAC, 50/60Hz
- Power Factor > 0.90
- Built in driver surge protection L/N-PE: 6kV, L-N: 4kV (67W = L- N: 2KV)

### Installation:

- 3/4" NPT threaded hook included
- Can be conduit pendant (3/4") mounted, (conduit by supplied other)
- Optional yoke mount bracket for surface mount installation
- Integral battery backup - field or factory installed
- Includes 6' whip/cord standard

### Options:

- Factory-installed battery backup (120-277VAC) 8W, delivers 900 lumens for over 90 minutes of emergency-powered illumination (Option: BB)
- Integral motion sensor (120-277VAC) located in the center of the lens (Option: SC). Sensor allows for two or three step/level dimming and has optional daylight harvesting capabilities. Settings can be adjusted with optional remote control accessory. See sensor details for default sensor settings

### Testing & Compliance:

- cULus Listed for Wet Locations
- IP65 Rated
- IK10 Rated lens
- DesignLights Consortium® (DLC) Qualified
- Meets state of California Title 24 requirement for dimming and control of light fixtures
- Operating temperatures: -40°C to 50°C (-40°F to 122°F)

### Warranty:

- Five Year Warranty (Terms and Conditions Apply)

Model: \_\_\_\_\_ Date: \_\_\_\_\_  
 Accessories: \_\_\_\_\_  
 Job Name: \_\_\_\_\_ Type: \_\_\_\_\_

**AVAILABLE WHILE SUPPLIES LAST**



Shown with optional Motion Sensor (SC) and Yoke accessory (RQHL-YK-BL)



| Specs at a Glance     |  | * Nominal Wattage |          |          |          |
|-----------------------|--|-------------------|----------|----------|----------|
| <b>Model</b>          | RQHL-67                                      | RQHL-97           | RQHL-140 | RQHL-190 | RQHL-215 |
| <b>Wattage (W)*</b>   | 67   | 97                | 140      | 190      | 215      |
| <b>Lumens (lm)</b>    | 9100   | 12,300            | 17,500   | 24,000   | 30,000   |
| <b>Efficacy (LPW)</b> | 136  | 127               | 125      | 136      | 140      |
| <b>Distribution</b>   | Diffused 160°                                |                   |          |          |          |
| <b>CCT (K)</b>        | 4000K, 5000K                                 |                   |          |          |          |
| <b>CRI</b>            | ≥80  |                   |          |          |          |
| <b>Input Voltage</b>  | 120-277VAC, 50/60Hz                          |                   |          |          |          |
| <b>Operating Temp</b> | -20°C to 50°C (-4°F to 122°F)                |                   |          |          |          |
| <b>Certifications</b> | UL Listed for Wet Locations, IP65, IK10, DLC |                   |          |          |          |
| <b>Warranty</b>       | 5 Years                                      |                   |          |          |          |
| <b>Weight</b>         | 5.8 lbs                                      | 6.0 lbs           | 6.1 lbs  | 9.3 lbs  | 6.7 lbs  |

\* Nominal Wattage, tested at 5000K CCT. Values at 120/277VAC.

Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

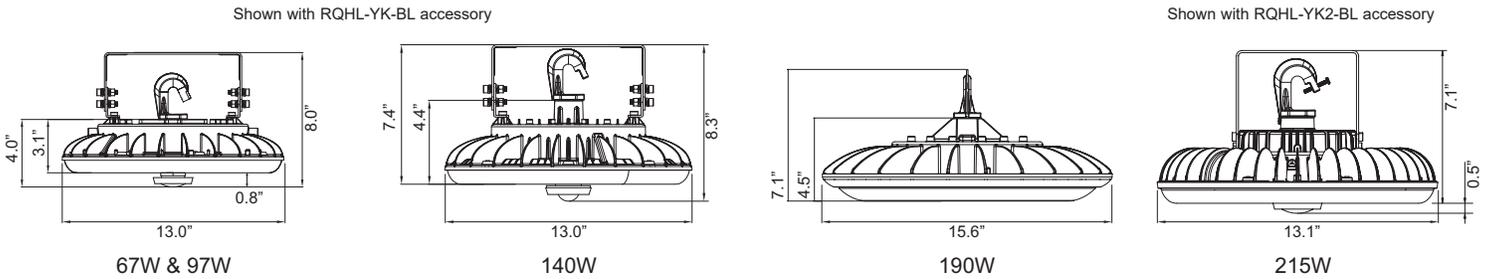
### Accessories:

- External battery backup (120/277VAC) accessory blends in seamlessly with the design of the round highbay, delivers 900 lumens for over 90 minutes of emergency-powered illumination. Rated for ambient temperatures of 10°C to 40°C (50°F to 104°F)
- Remote for occupancy sensors option (TL-MSSW-REMOTE)
- Yoke mount bracket for surface mount applications (RQHL-YK-BL, RQHL-YK2-BL)
- Multiple line cords (indoor rated) for field installation (LC6T, LC15, LC15T)
- Remote for occupancy sensors option (TL-MSSW-REMOTE)
- Field-installed in-line 10kVA surge protector for 120/277VAC, 320V, 420J (20300032)

**Ordering Information** (Example: RQHL-97-VS-4K-BL-BB)

| Series  | Wattage                 | Input Voltage   | CCT        | Finish     | Options (Factory Installed)      |
|---|-------------------------|-----------------|------------|------------|----------------------------------|
| RQHL  | 67 = 67W                | VS = 120/277VAC | 4K = 4000K | BL = Black | BB <sup>1</sup> = Battery Backup |
|   | 97 = 97W                |                 | 5K = 5000K |            | SC = Motion Sensor               |
|   | 140 = 140W              |                 |            |            |                                  |
|   | 190 = 190W              |                 |            |            |                                  |
|   | 215 <sup>1</sup> = 215W |                 |            |            |                                  |
| <b>Accessories<sup>2</sup> (Field installed)</b>  |                         |                 |            |            |                                  |
| RQHL-YK-BL = Yoke Mount Bracket (67W, 97W, 140W, 190W), Black Finish                                |                         |                 |            |            |                                  |
| RQHL-YK2-BL = Yoke Mount Bracket for RQHL-215W, Black Finish  |                         |                 |            |            |                                  |
| RQHL-BB-A-BL <sup>1</sup> = 8W Battery backup kit, black finish (67W & 140W)                        |                         |                 |            |            |                                  |
| RQHL-BB-B-BL <sup>1</sup> = 8W Battery backup kit, black finish (97W & 190W)                        |                         |                 |            |            |                                  |
| TL-MSSW-REMOTE = Remote for dimming sensor option (SC)  |                         |                 |            |            |                                  |
| LC6T = 6' Line cord, L7-20P plug (300V)   |                         |                 |            |            |                                  |
| LC15 = 15' Line cord, blunt end (300V)  |                         |                 |            |            |                                  |
| LC15T = 15' Line cord, L7-20P plug (300V)   |                         |                 |            |            |                                  |
| 20300032 = Field-installed In-line 10kVA surge protector for 120/277VAC, 320V, 420J                 |                         |                 |            |            |                                  |
| <b>Notes</b>  |                         |                 |            |            |                                  |
| <sup>1</sup> Battery Backup (BB) not available with 215W configuration                              |                         |                 |            |            |                                  |
| <sup>2</sup> Order as a separate line item, shipped in a separate box for installation in the field |                         |                 |            |            |                                  |

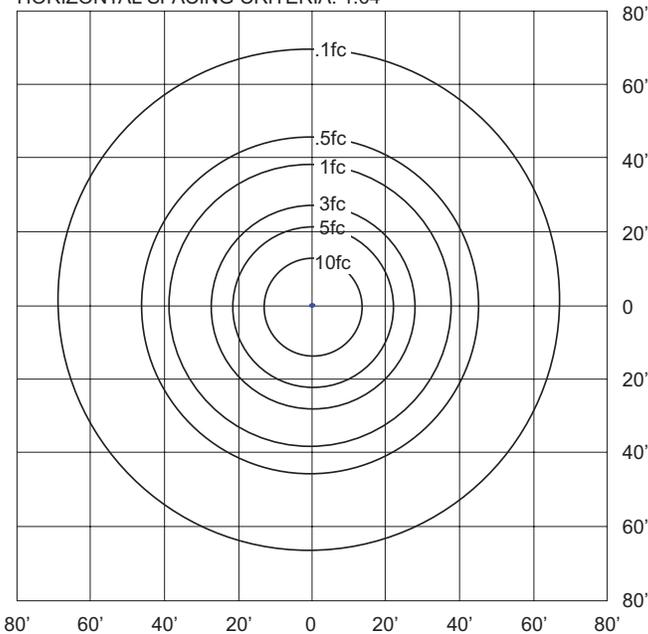
**Dimensions**



**Sample Photometry**

**RQHL-190-VS-5K**

IES: TYPE VS Very Short  
 MOUNTING HEIGHT: 20'  
 TILT: ZERO  
 HORIZONTAL SPACING CRITERIA: 1.64



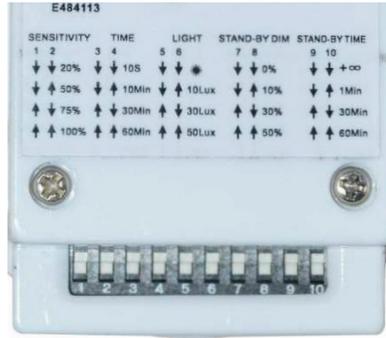
**Battery Backup Kit (Option: BB)**



**Sensor Details**



SC Option (Factory Installed)



Sensor Dip Switch Settings  
(Dip Switches on Sensor)



TL-MSSW-REMOTE Accessory  
(Sold Separately)

**Sensor Settings (Remote)**

|                               |  |
|-------------------------------|--|
| DETECTION RADIUS/ANGLE        | MAX 60'/360°   |
| MOUNTING HEIGHT               | MAX 40'  |
| REMOTE RANGE                  | MAX 33'  |
| FREQUENCY                     | 5.8 GHz  |
| HIGH MODE                     | 70%, 80%, 90%, 100% (DEFAULT 100%)   |
| SENSITIVITY                   | 20%, 50%, 75%, 100% (DEFAULT 100%)   |
| HOLD TIME                     | 10sec, 1min, 5min, 10min, 15min, 20min, 30min, 60min (DEFAULT 5min)                    |
| DAYLIGHT HARVESTING           | ☀️, (disabled), 10Lux, 30Lux, 50Lux, 100Lux, 150Lux, 200Lux, 300Lux (DEFAULT disabled) |
| STANDBY DIM SETTING           | 0, 10%, 20%, 30%, OFF (∞), (DEFAULT 30%)   |
| STANDBY TIME SETTING (TO OFF) | ON (disabled), 1min, 30min, 60min (DEFAULT 30min)                                      |