# ark R

ARCHITECTURAL LUMINAIRES BY **RENO** LIGHTING

# TRITON Series
## NSF Sleek Linear Highbay



Designed for demanding environments, the TRITON NSF Sleek Linear Highbay offers exceptional protection against high water temperatures and pressure, paired with a smooth housing design for easy wash-down maintenance. Its streamlined construction ensures maximum efficiency and delivers superior lighting performance for large spaces. Purpose-built to withstand harsh conditions, the TRITON is the ideal solution for applications in food processing, heavy manufacturing, cold storage, and laboratories.
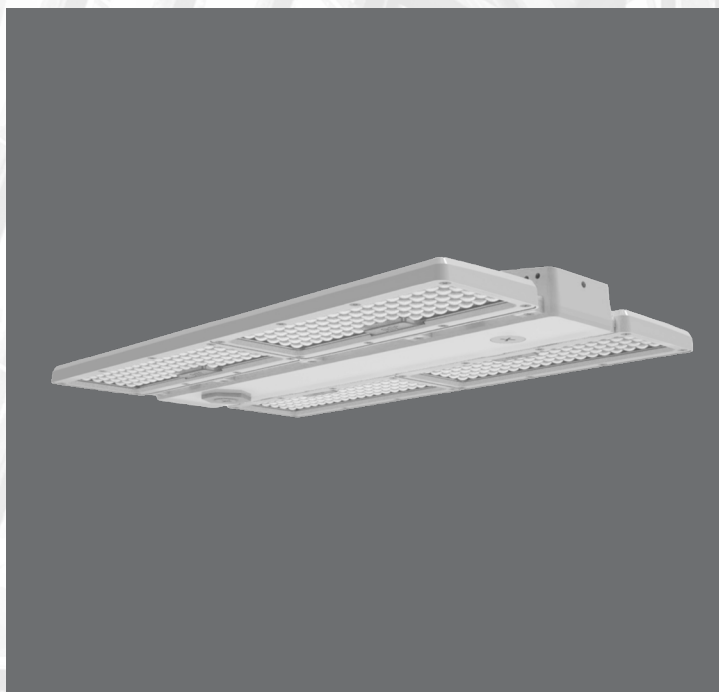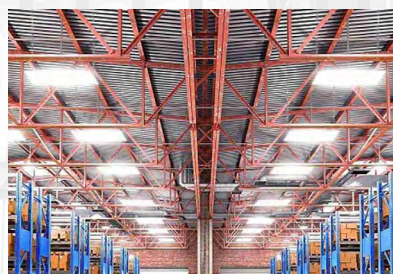


## Product Features

- NSF /ANSI 2 Certified: Compliant with food protection and sanitation requirements
- IP69K Rated: Ensures complete protection against dust and high-pressure, high-temperature water jets
- NEMA 4X Certified: Ensures the fixture is water-tight and can withstand extreme conditions
- Finish is salt-spray tested to 1,500 hours per ASTM B117
- Includes: 10ft White Cord, jack chain, and v-hooks
- Durable high impact polycarbonate lens
- Smooth aluminum housing protects the fixture from the accumulation of substances such as food debris and dust
- Designed for environments where equipment must endure rigorous cleaning and sanitation processes
- Sensor-Ready with 3.5mm jack design, compatible with Standalone and RENO Smart Bluetooth Sensors
- Compatible with the RENO All Weather Emergency LED Driver to provide backup power during a power outage
- Operating temp: -40°F to +122°F (-40°C to +50°C)
- Rated lifetime L70: >100,000 hours
- 10 Year Limited Warranty

## Key Specifications

| | |
|---|---|
| **Voltage** | 120-347V |
| **Wattage** | Selectable: 100/150/200W |
| **CCT** | Selectable: 35/40/5000K |
| **Efficacy** | 150 lm/W |
| **Lumens** | Up to 30,000 lm |
| **CRI** | >80 |
| **Power Factor** | >0.9 |
| **THD** | <20% |
| **Beam Angle** | 90° |
| **Dimming** | 0-10V Dimming |
| **Surge Protection** | 6kVA |
| **Certifications** | NSF/ANSI 2, IP69K, NEMA 4X, ASTM B117, DLC Premium |
| **Mounting** | Suspended (Included) or Surface (Additional) |
| **Applications** | Food, Pharmaceutical, Automotive, Agricultural, Marinas, Heavy Industrial |

## Specifications

| Order# | Model | Wattage | Voltage | Lumens | Efficacy | CCT |
|--------|-------|---------|---------|--------|----------|-----|
| R34150 | RENO-SLEEK-LHB-DV-MW-MCCT | 100W | 120-347V | 16,066 lm | 160 lm/W | 3500K |
| | | | | 16,542 lm | 165 lm/W | 4000K |
| | | | | 16,082 lm | 161 lm/W | 5000K |
| | | 150W | 120-347V | 22,391 lm | 149 lm/W | 3500K |
| | | | | 23,201 lm | 154 lm/W | 4000K |
| | | | | 22,082 lm | 147 lm/W | 5000K |
| | | 200W | 120-347V | 30,400 lm | 152 lm/W | 3500K |
| | | | | 30,869 lm | 154 lm/W | 4000K |
| | | | | 28,792 lm | 144 lm/W | 5000K |

## DLC Information

| Order# | Model | Application | DLC Standard | DLC Premium |
|--------|-------|-------------|--------------|-------------|
| R34150 | RENO-SLEEK-LHB-DV-MW-MCCT | High-Bay Luminaires for Commercial and Industrial Buildings | – | S-7RZ5D4 |

## Accessories
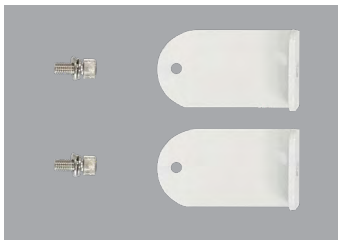


R39121
RENO-SLEEK-LHB-WMK
Surface mount bracket

| Order# | Model | Description |
|--------|-------|-------------|
| R39121 | RENO-SLEEK-LHB-WMK | Surface Mount Bracket |

# Accessories - Standalone Sensor & Remotes
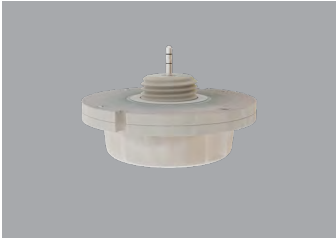


**R71002**
RENO-SENSOR-MW-H
Microwave Sensor

**R74004**
RENO-SENSOR-PIR3.5-PH15M
Long Detection Range PIR Sensor

**R73002**
RENO-REMOTE-H
Remote Control for Standalone
Sensors (With Screen)

**R73005**
RENO-REMOTE-H-ECO
Remote Control for Standalone
Sensors (Without Screen)

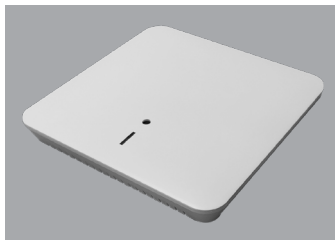| Order# | Model | Description |
|---|---|---|
| R71002 | RENO-SENSOR-MW-H | Bi-level Microwave Sensor |
| R74004 | RENO-SENSOR-PIR3.5-PH15M | Long Detection Range PIR Sensor |
| R73002 | RENO-REMOTE-H | Remote Control for Standalone Sensors (With Screen) Note: Only 1 needed per project |
| R73005 | RENO-REMOTE-H-ECO | Remote Control for Standalone Sensors (Without Screen) Note: Only 1 needed per project |

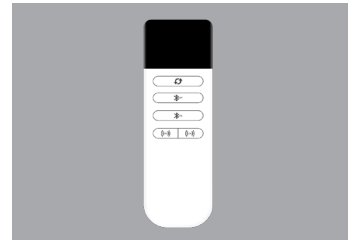# Accessories - Reno Smart NLC Sensors

**R75001**
RENO-RS-JK-BPDN-12V
Bluetooth 3.5mm Jack PIR
Sensor

**R75002**
RENO-RS-JK-BMWM-12V
Bluetooth 3.5mm Jack
Microwave Sensor

**R75201**
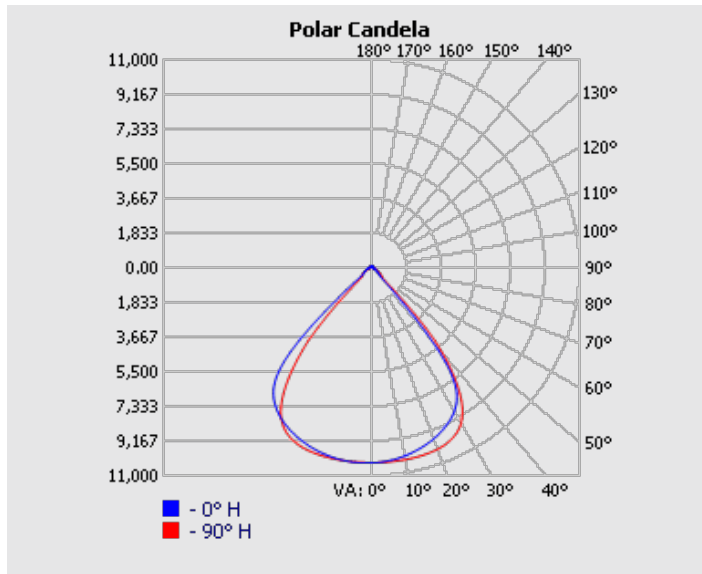RENO-RS-GW-BCNW
Bluetooth Ceiling mounted
gateway

**R75301**
RENO-RS-GW-BCNW
Bluetooth Reset remote controller

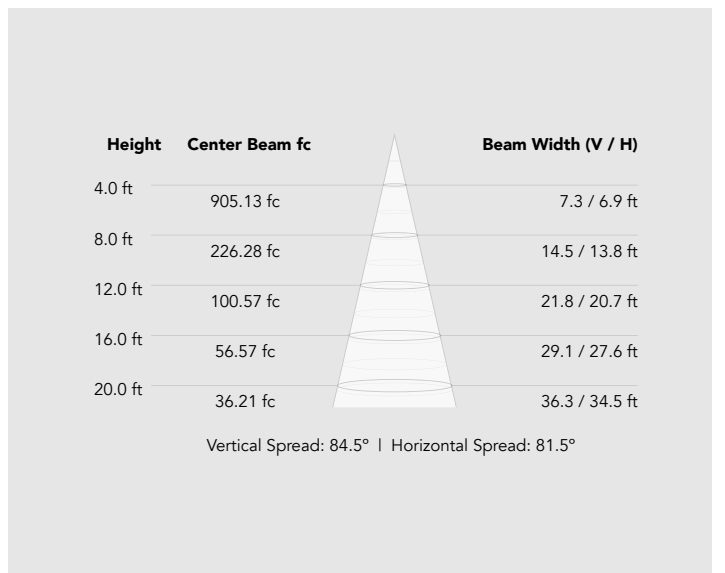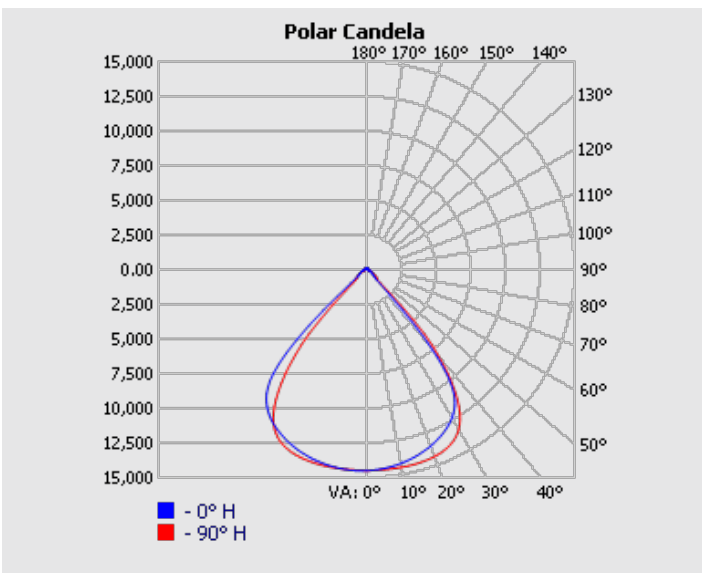| Order# | Model | Description |
|---|---|---|
| R75001 | RENO-RS-JK-BPDN-12V | Bluetooth 3.5mm Jack PIR Sensor for RENO Smart NLC System |
| R75002 | RENO-RS-JK-BMWM-12V | Bluetooth 3.5mm Jack Microwave Sensor for RENO Smart NLC System |
| R75201 | RENO-RS-GW-BCNW | Bluetooth Ceiling mounted gateway for RENO Smart NLC System |
| R75301 | RENO-RS-RC-BNNN | Bluetooth Reset remote controller (5-keys) |

**\*\*All Reno Smart Sensors are programmed/commissioned using our Reno Smart App**

# Photometrics - 100W/4000K

**Polar Candela**



| Height | Center Beam fc | Beam Width (V / H) |
|---|---|---|
| 4.0 ft | 644.81 fc | 7.3 / 6.9 ft |
| 8.0 ft | 161.20 fc | 14.5 / 13.8 ft |
| 12.0 ft | 71.65 fc | 21.8 / 20.7 ft |
| 16.0 ft | 40.30 fc | 29.1 / 27.6 ft |
| 20.0 ft | 25.79 fc | 36.3 / 34.5 ft |

Vertical Spread: 84.5° | Horizontal Spread: 81.5°

# Photometrics - 150W/4000K

**Polar Candela**



| Height | Center Beam fc | Beam Width (V / H) |
|---|---|---|
| 4.0 ft | 905.13 fc | 7.3 / 6.9 ft |
| 8.0 ft | 226.28 fc | 14.5 / 13.8 ft |
| 12.0 ft | 100.57 fc | 21.8 / 20.7 ft |
| 16.0 ft | 56.57 fc | 29.1 / 27.6 ft |
| 20.0 ft | 36.21 fc | 36.3 / 34.5 ft |

Vertical Spread: 84.5° | Horizontal Spread: 81.5°

## Photometrics - 200W/4000K



**Polar Candela**

- ■ - 0° H
- ■ - 90° H

| Height | Center Beam fc | Beam Width (V / H) |
|--------|---------------|---------------------|
| 4.0 ft | 1,191.00 fc | 7.3 / 7.0 ft |
| 8.0 ft | 297.75 fc | 14.5 / 14.1 ft |
| 12.0 ft | 132.33 fc | 21.8 / 21.1 ft |
| 16.0 ft | 74.44 fc | 29.1 / 28.2 ft |
| 20.0 ft | 47.64 fc | 36.3 / 35.2 ft |

Vertical Spread: 84.5°  |  Horizontal Spread: 82.7°

## Dimensions



Width:    12.8" (325 mm)

Height:   2.29" (58.1 mm)

Length:   21" (534 mm)

Weight:   11.5 lbs (5.2 kg)