

CLOUD INTELLIGENT  
**RECESSED LED LIGHT**  
POWERED BY POE+

THE RG, RP, AND RS ARE THE FIRST SMART MULTI-PURPOSE, RECESSED DOWN LIGHTS THAT PROTECT HOME AND FAMILY



- WORK IN EITHER OUTDOOR OR INDOOR ENVIRONMENTS
- EASILY COUPLE AND POWER THE LIGHTS WITH IP SECURITY CAMERAS VIA POE AND WITH POE PASS-THROUGH
- THE RG, RP, AND RS ILLUMINATE DARK AREAS, SO SECURITY CAMERAS RECORD IN HIGH-QUALITY COLOR RATHER THAN IN INFRARED ASSISTED BLACK AND WHITE.
- CLOUD CONTROL AND SMART PHONE APPS DELIVERS THE UTMOST IN USABILITY AND CUSTOMIZATION
- LOW PROFILE
- THREE SIZES 3", 4" AND 6"
- THREE STYLES ROUND, ROUND GIMBAL AND SQUARE
- PLACE LIGHTS ANYWHERE THAT EMERGENCY POWER SAFETY LIGHTING IS REQUIRED BOTH INDOORS AND OUTDOORS
- CONNECT ANY LIGHTING GROUP TO A MOTION DETECTOR AND/OR A WALL SWITCH.



**Main Purposes and Use**

- Emergency lighting, light the way for loved ones during a power outage
- Security lighting, works in tandem with a motion detector to light up areas when any activity occurs
- Perfect to be installed in flat covered patio ceiling or under eaves
- Three options available a flat and gimbal (for directing the light). Both flat and gimbal come in 3", 4" and 6" sizes
- Each variant also comes in PoE pass-through and no PoE pass-through modes

**Illuminate dark hallways and double as a safety light**



The RG, RP and RS create an unrivaled sense of security and comfort in a home. They connect security cameras with recessed lighting, so if the power goes out or an outsider intrudes, your home protects you and your loved ones.

**The system boasts state-of-the-art functionality.** Recessed lighting and security cameras work together to safeguard residents. Security experts deploy MD-1 PoE powered motion sensors at any possible intrusion points along a homes' perimeter. No need to worry about the light or its connectivity. The RG and RP go anywhere. Both the light and motion detector are triggered by any activity in the area and work cooperatively to guard the property.



6" Fixed Light

4" Fixed Light

3" Fixed Light

Security footage improves. Most systems lack the illumination required to shoot high quality video and default to black and white videos. The PoE Wit system creates sufficient lighting, so security cameras record in color.

**IMAGE 1 - Security Camera without PoE Light Assistance**



**IMAGE 2 - Security Camera with PoE Light Assistance**



**The lights are also simple to configure and deploy.** No complex interfaces for the novice home owner. They quickly and easily establish settings that match their security cameras, lighting, and personal needs via mobile apps. PIR motion detection info automatically passes to the cloud, where security experts and homeowners already selected which light or lights are triggered.

**Security experts benefit.** PoE Wit solutions offer unmatched reliability because they are wired with PoE for power (low voltage) and run on Cat5 wiring, which is strung anywhere. Unlike high voltage romex solutions, communications and device performance become responsive, safe, and secure. You eliminate the challenges found when deploying outdoor applications because you no longer work with high voltage lights; DIY (Do It Yourself) solutions that depend on batteries that go dead after a set time; or unreliable Wi-Fi connections. Instead, you gain a simple, robust, secure, integrated, reliable solution.

Also, some RP, RG and RS lights have a unique PoE pass-through feature that not only powers the network itself, but also passes power and network to downstream security cameras or lights. This feature makes connecting lights to an existing security camera installation a breeze.

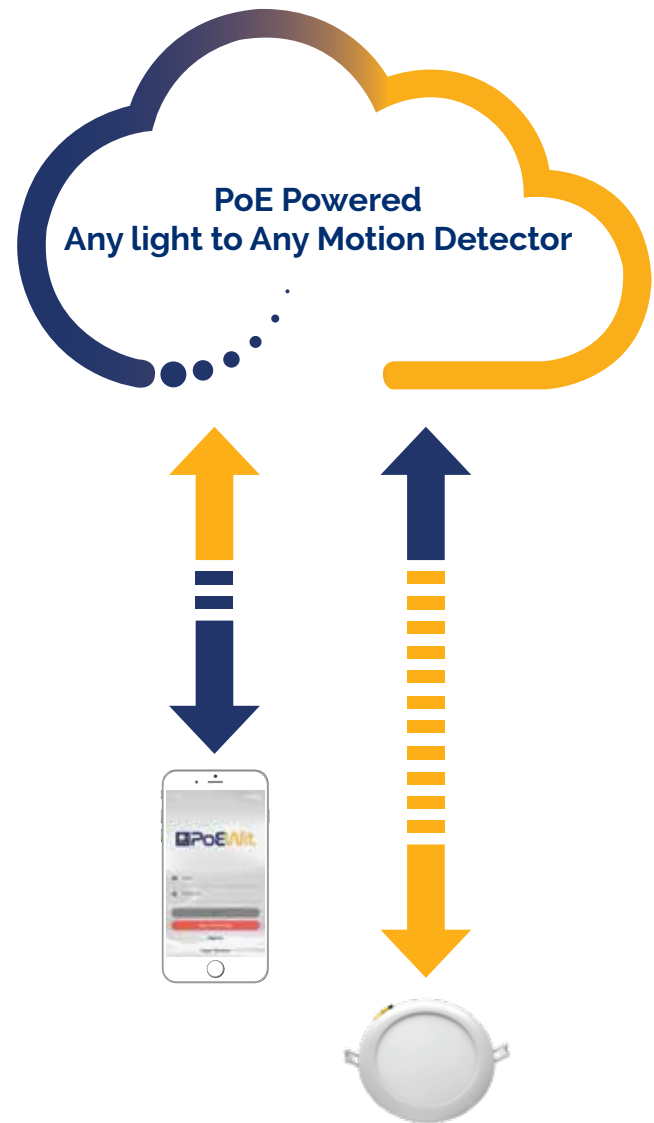
**Recessed Light Pass-through Driver  
PoE+ In and Two PoE+ Out**



**There is more.** Security pros add a PoE Wit UPS and PoE ethernet switch to the installation, so key cameras and lighting operate in the event of a power outage. Secondary cameras turn off, and non-essential lights dim automatically to extend battery life until utility power is restored - all configurable by app.

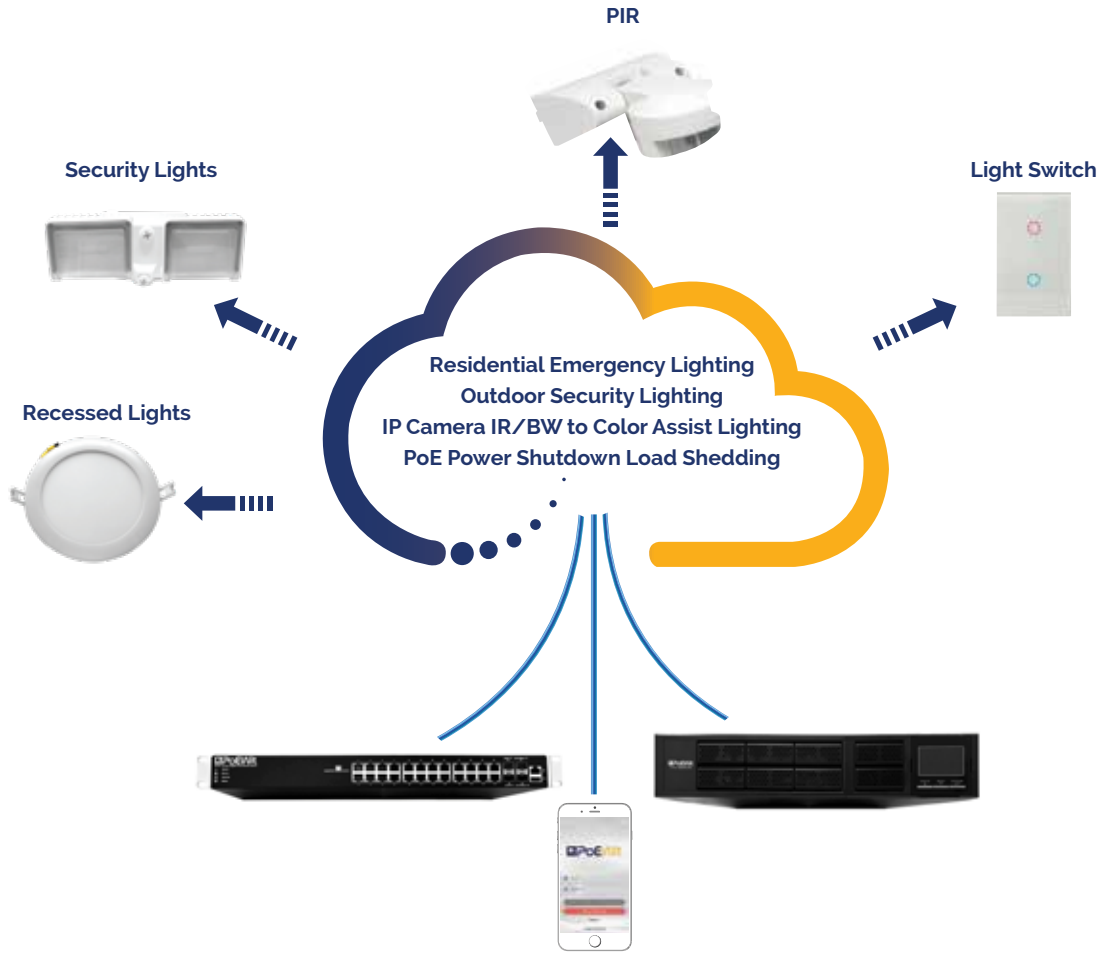
**Key Features**

- The RG, RP, and RS are the **industry's first cloud, integrated recessed lighting and security camera solution**
- **Picture quality is optimized to the security camera's field of view so it records in the best color frames** and camera angles possible
- Models with **PoE pass-through** make retrofitting security lights to existing IP security cameras a snap
- **Link any light to any wall switch** (WS-2) to any motion detector configurable (MD-1)
- **Customers control security settings via simple controls:** IOS or Android apps



- First PoE powered solution, so therefore it is safe and has no need for high voltage outdoor lighting
- Dimmable lights double for outdoor tasks, like accent and task lighting.
- Works with PoE Wit emergency light applications (see emergency lighting educational brochure)
- **Automatic broadband network fail over to local network control**, if WS-2 and MD-1 are also installed
- Automatically adjusts to available power with the addition of a PoE Wit UPS and PoE network switch
  - Power stays on during outages
  - **Load Shedding** shuts down devices and dimming lights to conserve energy when necessary

## A Part of the PoEWit Tree Family for Lighting Controls

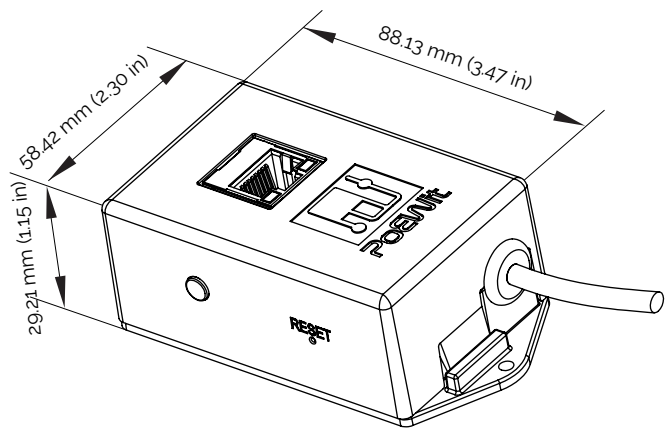


|                          |   |
|--------------------------|---|
| <b>Physical</b>          |   |
| <b>Visual Indicators</b> | RJ45 Ethernet Status LEDs (Link Status/Speed) |
| <b>Beam Angle</b>        | 110 degrees                                   |
| <b>Dimmable</b>          | Yes   |

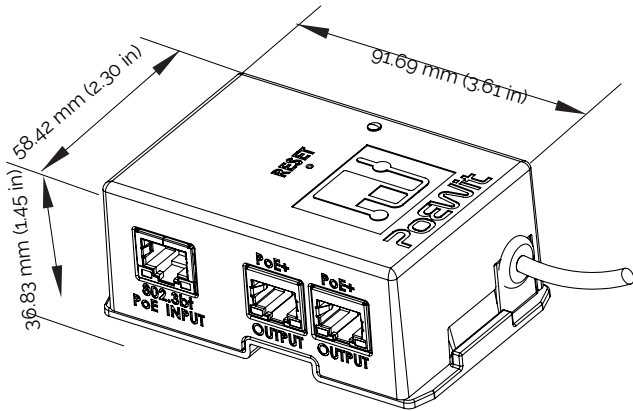
### Housing

RP, RG and RS Led Lights are super thin and are enclosed in a die cast aluminum panel housing that is 1/2" deep. Available models come in round or square trim either 3", 4" or 6" diameter / length accordingly.

PoE driver dimensions for non-pass-through mode



PoE driver dimensions for pass-through model



**Mounting**

Wall mount, eave or ceiling mount, indoor or outdoor

**Environmental**

IP enclosure ratings-IP-54 or damp location is OK  
Operational temperature rating: -40 to 85C  
Storage temperature rating: -65 to 150C

**Different Specs Between 3", 4" and 6" and Pass-Through Model**

**PHYSICAL INPUT** - PoE 802.3at (up to 30W/25.5W min.) for NPT and PoE 802.3bt type 4 (up to 100W/71W min.) for PT

**PHYSICAL OUTPUT** - 15W DC, 36V @ 0.56A for TBD and 20W DC, 36V @ 1.1A for TBD

- 3", 360 lumens
- 4", 650 - 790 lumens (varies by model)
- 6", 850 - 1040 lumens (varies by model)










Only for PT Models, - PSE Dual (2x) Output: PoE 802.3at (30W/25.5W min.)

**Ordering Guide**










| R-PCB-3  | R-PCB-4  | R-PCB-6  |
|--|--|--|
|  |  |  |
| Preconstruction Bracket for Recessed LED Light- 3 inch | Preconstruction Bracket for Recessed LED Light- 4 inch | Preconstruction Bracket for Recessed LED Light- 6 inch |

**Note:** PT require 90W if using PT due to power budgets  
\*\*Product specifications are subject to change without further notice.



| RG-3-3K-WH   | RG-4-3K-WH   | RG-6-3K-WH  |
|--|--|---|
|  <p>Cloud Intelligent Recessed Adjustable 3-inch LED Light- Powered by PoE+, Lumen= 360, CRI&gt;90, White Trim, 3K color temperature</p> |  <p>Cloud Intelligent Recessed Adjustable 4-inch LED Light- Powered by PoE+, Lumen= 790, CRI&gt;90, White Trim, 3K color temperature</p> |  <p>Cloud Intelligent Recessed Adjustable 6-inch LED Light- Powered by PoE+, Lumen= 1040, CRI&gt;90, White Trim, 3K color temperature</p> |
| RP-3-3K-WH   | RP-4-3K-WH   | RP-6-3K-WH  |
|  <p>Cloud Intelligent Recessed 3-inch LED Light- Powered by PoE+, Lumen= 360, CRI&gt;90, White Trim, 3K color temperature</p>           |  <p>Cloud Intelligent Recessed 4-inch LED Light- Powered by PoE+, Lumen= 720, CRI&gt;90, White Trim, 3K color temperature</p>           |  <p>Cloud Intelligent Recessed 6-inch LED Light- Powered by PoE+, Lumen= 960, CRI&gt;90, White Trim, 3K color temperature</p>            |
| RS-3-3K-WH   | RS-4-3K-WH   | RS-6-3K-WH  |
|  <p>Cloud Intelligent Recessed Square 3-inch LED Light- Powered by PoE+, Lumen= 450, CRI&gt;90, White Trim, 3K color temperature</p>    |  <p>Cloud Intelligent Recessed Square 4-inch LED Light- Powered by PoE+, Lumen= 650, CRI&gt;90, White Trim, 3K color temperature</p>    |  <p>Cloud Intelligent Recessed Square 6-inch LED Light- Powered by PoE+, Lumen= 850, CRI&gt;90, White Trim, 3K color temperature</p>     |



| RG-3-PT-3K-WH   | RG-4-PT-3K-WH   | RG-6-PT-3K-WH  |
|---|---|--|
|  <p>Cloud Intelligent Recessed Adjustable 3-inch LED Light- Powered by PoE++ with PoE Pass through, Lumen= 360, CRI&gt;90, White Trim, 3K color temperature</p> |  <p>Cloud Intelligent Recessed Adjustable 4-inch LED Light- Powered by PoE++ with PoE Pass through, Lumen= 790, CRI&gt;90, White Trim, 3K color temperature</p> |  <p>Cloud Intelligent Recessed Adjustable 6-inch LED Light- Powered by PoE++ with PoE Pass through, Lumen= 1040, CRI&gt;90, White Trim, 3K color temperature</p> |
| RP-3-PT-3K-WH   | RP-4-PT-3K-WH   | RP-6-PT-3K-WH  |
|  <p>Cloud Intelligent Recessed 3-inch LED Light- Powered by PoE++ with PoE Pass through, Lumen= 360, CRI&gt;90, White Trim, 3K color temperature</p>           |  <p>Cloud Intelligent Recessed 4-inch LED Light- Powered by PoE++ with PoE Pass through, Lumen= 720, CRI&gt;90, White Trim, 3K color temperature</p>           |  <p>Cloud Intelligent Recessed 6-inch LED Light- Powered by PoE++ with PoE Pass through, Lumen= 960, CRI&gt;90, White Trim, 3K color temperature</p>            |
| RS-3-PT-3K-WH   | RS-4-PT-3K-WH   | RS-6-PT-3K-WH  |
|  <p>Cloud Intelligent Recessed Square 3-inch LED Light- Powered by PoE++ with PoE Pass through, Lumen= 360, CRI&gt;90, White Trim, 3K color temperature</p>    |  <p>Cloud Intelligent Recessed Square 4-inch LED Light- Powered by PoE++ with PoE Pass through, Lumen= 720, CRI&gt;90, White Trim, 3K color temperature</p>    |  <p>Cloud Intelligent Recessed Square 6-inch LED Light- Powered by PoE++ with PoE Pass through, Lumen= 960, CRI&gt;90, White Trim, 3K color temperature</p>     |