



# LED ROCK LIGHT

## FEATURES

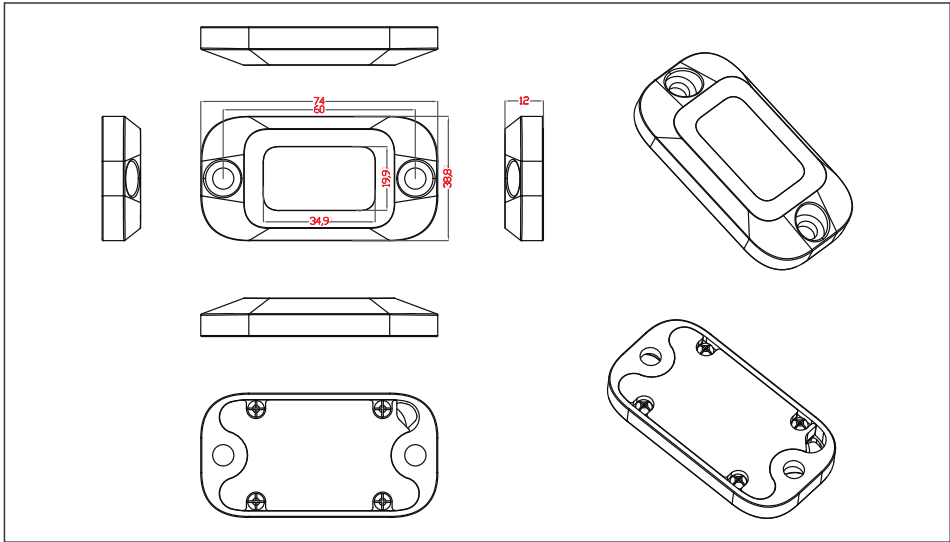
- **TOP-GRADE LEDS** - High visibility, superb brightness.
- **INNOVATIVE ONE-BUTTON CONTROL** – Dimming and color switching at one key press! (select variants)
- **LIGHT MODE RESUME** - Last used light mode is remembered and resumed on powering up, saving the hassle for switching color modes. (select variants)
- **ULTRA-LOW POWER DRAW** - Efficient circuit design ensures low consumption and start battery compatibility
- **TOUGH AND WATERPROOF BUILD** - Robust cast aluminum housing, UV-coated polycarbonate lens. Top-tier IP68 & IP69K water proofing.
- **ULTRA COMPACT DESIGN** - Tiny footprint allows it to be installed anywhere with ease and security.
- **SUPER SIMPLE INSTALLATION** - Easily followed mounting and wiring layouts.
- **FLEXIBLE CUSTOMIZABILITY** - Button-less variants for external dimmers (sold separately); multiple wiring options; multiple color variants!

## SUITABLE USE CASES

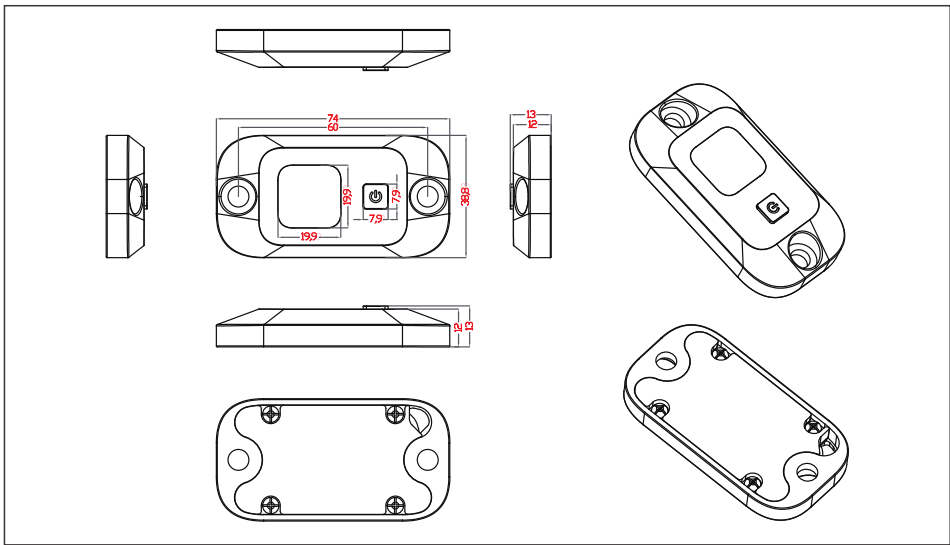
Its extremely small footprint allows flexible installation on almost any working surface with the power in place.

- Camper vans (RVs), off-road vehicles, golf carts, etc. - Exterior, interior or underbody lighting
- Yachts, ships, hovercrafts, etc. – Exterior, interior lighting
- Machine cabins, campsites, house awnings, etc. – Exterior, interior lighting





Normal variant



Dimmer switch variant



| Basic info      |   |
|-----------------|---|
| Brand Name      | GNSOURCE  |
| Place of Origin | Guangdong, China  |
| Dimensions      | Normal variant: 74mm (L) x 38mm (W) x 12mm (H)<br>Dimmer switch variant: 74mm (L) x 38mm (W) x 13mm (H) |
| Weight          | 0.3kg   |
| Cable length    | 1.0m  |
| Color (Housing) | Options available: Black or white   |

| Electrical/Optical properties |   |
|-------------------------------|---|
| Input Voltage                 | Options available: 12V or 10 - 30V              |
| Power Consumption             | 5W max (White LED) or 9W max (Other LED colors) |
| Light Source                  | SMD3535 LED                                     |
| Lamp Luminous Efficiency      | 100 lm/W  |

| Material quality          |                                       |
|---------------------------|---------------------------------------|
| Housing Material          | ADC12 Aluminum, with powdered coating |
| Lens Material             | UV-coated Polycarbonate               |
| Ingress Protection Rating | IP68 & IP69K                          |
| Working Temperature       | -40 °C - 145 °C                       |
| Certifications            | RoHS, CE, FCC, C-Tick, CCC            |
| Lifespan                  | 50000 hrs                             |
| Warranty                  | 3 yrs                                 |

## VARIANT OPTIONS

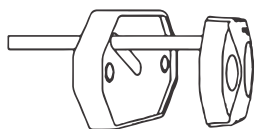
| Model                   | GNS-RL-X   | GNS-RL-XX                        | GNS-RL-XSW   | GNS-RL-XXSW                      |
|-------------------------|--|----------------------------------|--|----------------------------------|
| Function                | Normal   |                                  | Dimmer switch  |                                  |
| LED color mode options  | Single color:<br>- White (-W)<br>- Amber (-A)<br>- Red (-R)<br>- Green (-G)<br>- Blue (-B) | Dual color:<br>White/Amber (-AW) | Single color:<br>- White (-W)<br>- Amber (-A)<br>- Red (-R)<br>- Green (-G)<br>- Blue (-B) | Dual color:<br>White/Amber (-AW) |
| Voltage input           | 10V ~ 30V DC   |                                  | 9V ~ 14V DC  |                                  |
| White light temperature | 5000K (Factory tuning 2700K ~ 6500K available)   |                                  |  |                                  |

## PACKAGING AND ACCESSORIES

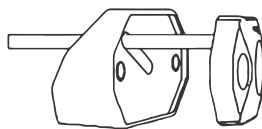
| Dimensions     | 100mm (L) x 55mm (W) x 88mm (H)   |
|----------------|---|
| Package weight | 180g  |
| Parts included | <ul style="list-style-type: none"> <li>- Rock light (1), cable attached</li> <li>- Standard elastic silicone pad (1)</li> <li>- Screws and/or bolts w/ nuts, washers (1 pair)</li> <li>- Misc. protection material</li> </ul> |

## INSTALLATION – MOUNTING

### Silicone pad installation

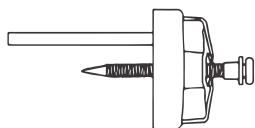


Standard silicone pad

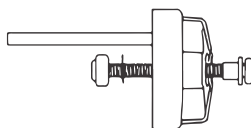


30° angled silicone pad  
(sold separately)

### Fastener mounting



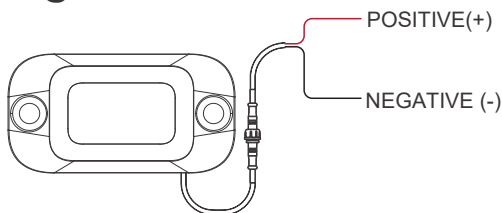
Screw mounting



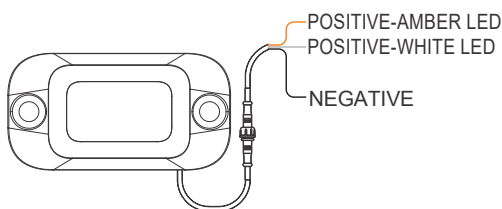
Bolt mounting

## INSTALLATION – WIRING

### 2-wire pin-out (single-color or dimmer switch variants)



### 3-wire pin-out options (Dual-color and switch-less variant)

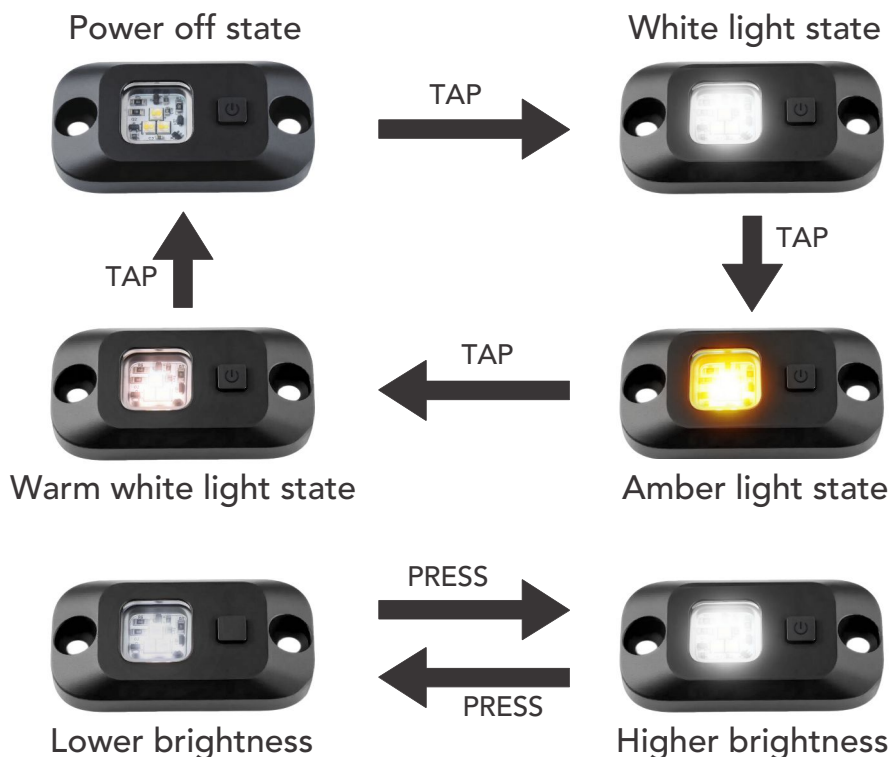


## BUTTON CONTROLS

Applicable only to dimmer switch variants.



A short tap on the button switch cycles through color modes, including power-on/off.  
A long press on the button switch adjusts its brightness for each respective color mode.





## WARNING

1. The light must be used only for the prescribed purpose. Any uses outside those mentioned in the manual will be considered misuse. The manufacturer shall not be liable for any damage or injuries resulting from misuse. To use the light properly, please closely observe the instructions found in the manual.
2. Keep children away from electrical equipment. Make sure children are under supervision when operating the light kit.
3. Do not use any power supply that outputs any voltage outside of the light's nominal voltage range. Over-voltage can cause irreversible circuitry damage and even fires.
4. Do not put the light in the temperature outside of the operational range.
5. Do not clean your light with harsh detergents. The light is water-proof but not guaranteed to be protected against other chemicals.



**Your LED lighting partner.**

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