

## PRODUCT DESCRIPTION

The new Gooseneck Light is a unique decorative lighting fixture that allows you to update the look of your building. Elegant and curved goose neck arm, simple and low-key appearance design, can be well applied to a variety of architectural styles. Installation is quick and easy, and the 28W has a strong function that can support 5 color temperature adjustment



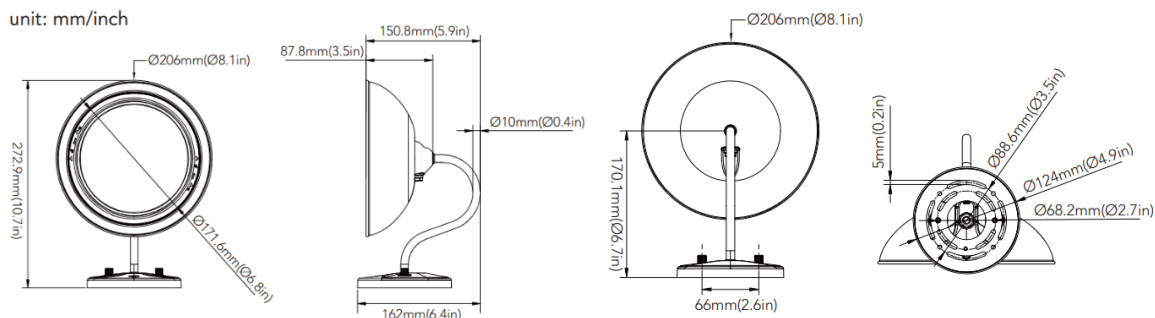
**DLC #: RGL-GN-28W**

## PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL cUL Premium certificate.
- IP65 driver, input voltage 120-277VAC.
- No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Green and eco-friendly without mercury.
- Outdoor basketball court, tennis court.
- Badminton court, the football field.
- The school playground, stadium.
- Community leisure entertainment plaza,
- Warehouse, factory and workshops ;
- Highway toll station ;
- Meeting room, exhibition hall ;
- Gymnasium and supermarkets, etc.

## PRODUCT DIMENSIONS

unit: mm/inch



## LEGENDARY USA SUPPORT

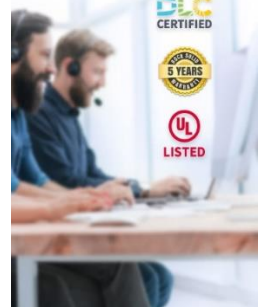


US based phone and online customer support

DLC CERTIFIED

5 YEARS WARRANTY

UL LISTED





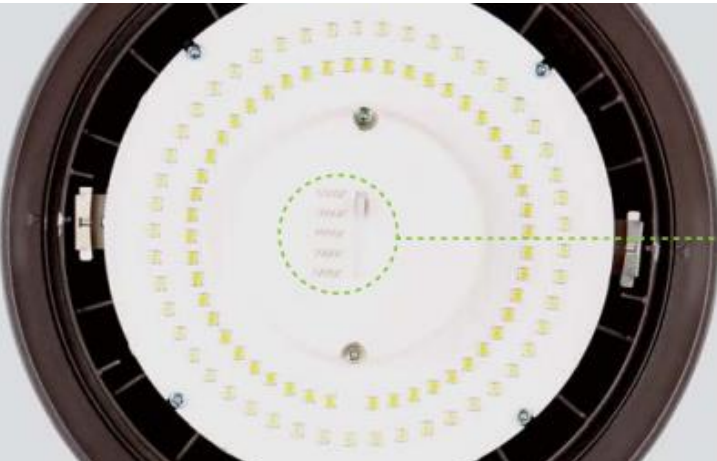
## PRODUCT TECHNICAL SPECIFICATIONS

<b>OPTICAL</b>	Input Power (Tolerance : $\pm 10\%$ )	28 Watts
	Color Temperature (Color Tunable)	2700K/3000K/4000K/5000K/6500K(ColorSelectable)
	Lumen(Tolerance: $\pm 10\%$ )	3000 LM
	Efficacy(Tolerance : $\pm 3\%$ )	107 LM/W
	CRI	>80
	Beam Angle (50%) (Tolerance : $\pm 15\%$ )	120 degree
	Input Voltage and Frequency	120-277VAC, 50/60Hz
	PF (Tolerance : -3%)	$\geq 0.9$
	THD (Tolerance : +5%)	$\leq 20\%$
<b>ELECTRICAL</b>	Flicker Percent	<35%
	Driver Brand	RuggedGrade X Driver
	Driver Model	RG-28W-120V
	Dimming	0-10V dimming standard
	Sensor Type	Photocell
	Optional Accessory	Photocell / Surge protector
	LED Brand	Lumileds
	LED Type	SMD2835
	LED QTY	NA
	Housing	Die-cast aluminum
<b>MATERIALS</b>	Housing Color	Brown/bronze
	Waterproof Rating	WET (IP65)
	Operating Temperature	-40°C TO 50°C
	Storage Temperature	-40°C TO 80°C
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
Warranty	5 years	

## PRODUCT MOUNTS & ACCESSORIES



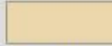
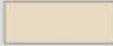


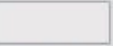
## PRODUCT IMAGES & ACTUAL INSTALLATIONS



6500K  
5000K  
4000K  
3000K  
2700K

**CCT SELECTABLE**  
28W model has the function of field configurable CCTs.

**CCT SELECT**

				
2700K	3000K	4000K	5000K	6500K

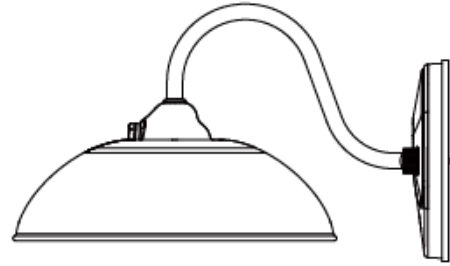
Five CCTs adjustable (2700K, 3000K, 4000K, 5000K, 6500K)



## INSTALLATION GUIDE

### WARNING

- To avoid electric shock, disconnect power at source prior to installation.
- The installation should be performed by qualified electricians or lighting technicians.
- Before conducting any installation, maintenance, or removal, disable all power to the luminaires and wait until the fixture cool down.
- Do not touch the fixture while it is in service.
- Operating temperature is -40°C to 40°C.
- If there is any problem with the fixture, DO turn off power and DO NOT attempt repair unless you are a qualified technician or the customer service member.



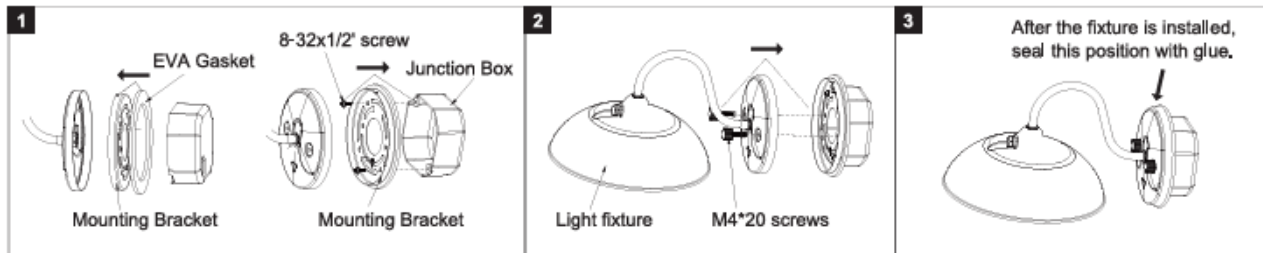
### INSTALLATION INSTRUCTIONS

1. Attach the gasket on the back of the mounting bracket for a weather tight seal, and then secure the bracket to the junction box with 8-32x1/2" screws.
2. Connect the wires correctly (reference wiring diagram). Carefully tuck all wiring back into the junction box, and then secure the fixture to the mounting bracket with 2pcs M4\*20 screws.

**Note:** Make sure that all wires are securely connected and that there are no exposed conductors and all wires do not get pinched.

3. To ensure waterproof seal, apply weatherproof silicone sealant (supplied by others) around the edge of the wall mounting box and /or junction box.

**Note:** Failure to properly caulk the mounting box and or junction box bonding surface may result in water damage, which is not covered by the warranty.



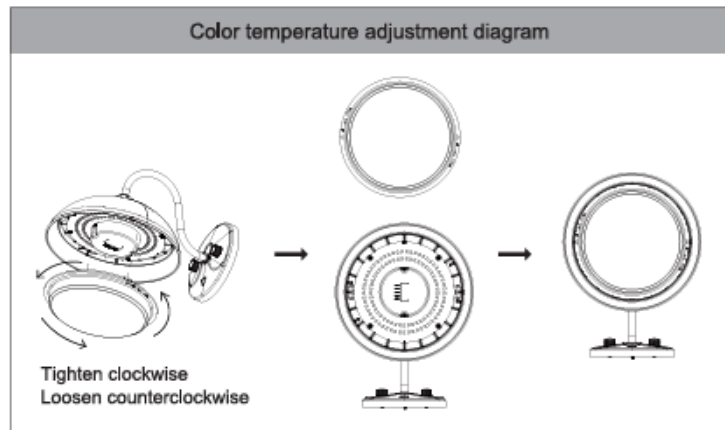
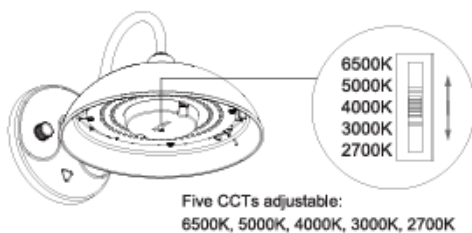
### COLOR TEMPERATURE ADJUSTMENT (optional)

1. With power disconnected, twist the translucent shield counterclockwise and turn the color temperature dip switch to the desired color temperature.





2. After adjusting the color temperature, twist the translucent shield clockwise to the closed state.

**Note:** The color temperature adjustment must be operated with the power disconnected.

The operation is shown in the following diagram.



### PARTS LIST

Mounting Bracket (1pc)	EVA Gasket (1pc)	M4*20 screw (2pcs)	8-32x1/2' screw (2pcs)
			



PRODUCT WARNINGS

- ⚡ Please turn off power before install or change assembly parts.
- ⚡ The input voltage and lamps should be matched, after connecting the power line.
- ⚡ Please make sure the wiring section is insulated.
- ⚡ Professionals must install and disassemble the lamps.
- ⚡ Surge is the number 1 cause of LED light failure. Outdoor lights must have surge at fixture, pole, and breaker.
- ⚡ Surge is the number 1 cause of LED light failure. Indoor lights must have surge at fixture and breaker.

PRODUCT TROUBLESHOOTING

Issue	Check points
Light Flickers	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. Lights with photocells can have photocell tag from ambient light or light reflecting at the sensor. Simply cover the photocell completely and see if flickering continues while the photocell is covered. Call Tech Support for help if none of the above solves the issue.
Light does not work at all.	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. If input voltage is not in the voltage range of the fixture, you will need to find the source of your input voltage issue. Call Tech Support for help if none of the above solves the issue.

For more technical information, install questions, troubleshooting help or warranty claims, we have a dedicated US Tech and Customer Support Team to help solve any issues you have and can be reached by email or phone. If you need help with any of our products, we are here for you so that you are never in the dark!

**BETTER LIGHTS.  
BETTER SUPPORT.**

