

PRODUCT DESCRIPTION

Ultimate Versatility in Lighting! Whether you need to mount it over your drive way or on an eave this new flood light has got you covered!

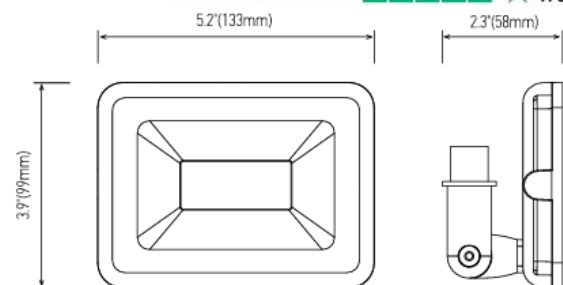
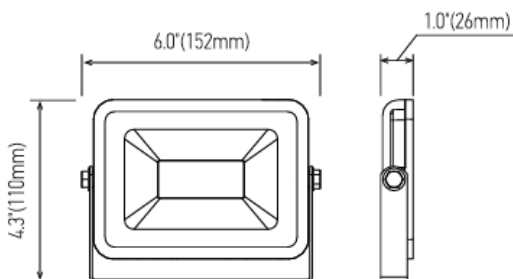


PART #: RGL-20W-FL-5K

PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL CuI, DLC certificate.
- Lumileds or Samsung Chip, high CRI.
- Input voltage 120VAC.
- Output constant current lever can be adjusted through output cable with 0-10V.
- 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.
- Warehouse, factory, and workshops.
- Highway toll station and gas station.
- Exhibition hall.
- Schools
- Offices
- Gymnasium and supermarkets, etc

PRODUCT DIMENSIONS



RATED EXCELLENT ★★★★★ Trustpilot

PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	20W
	Color Temperature	5000K
	Lumen (Tolerance : -10%)	2200LM
	Efficacy (Tolerance : -3%)	110LM/W
	CRI	80
	Color Consistency	<6 Steps (or <6 SDCM)
	UGR (Glare Rating)	<28
	Diffuser Type	PC Lens
	Beam Angle (50%) (Tolerance :	110 Degree
ELECTRICAL	Input Voltage and Frequency	120VAC
	PF (Tolerance : -3%)	≥0.9
	THD (Tolerance : +5%)	≤15%
	Flicker Percent	<5%
	Weight	Flood Light (YM): .73lb/.33kg, Flood Light (FM): .64lb/.29kg
	Driver Model	LLE Grade Lighting Driver
	Housing	Die-cast aluminum
	Housing Color	White, Bronze
MATERIALS	Waterproof Rating	Damp (IP65)
	Operating Temperature	-40°F to 120°F(-40°C to 50°C)
	Storage Temperature	-40°C TO 45°C
	Operating Humidity	20% - 90% RH
	Storage Humidity	10% - 95% RH
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at

PRODUCT MOUNTS & ACCESSORIES

INSTALLATION INSTRUCTION(KM)

INSTALLATION GUIDE

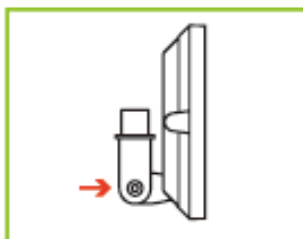
IMPORTANT SAFETY INFORMATION:

Please read all the instructions below before installation.

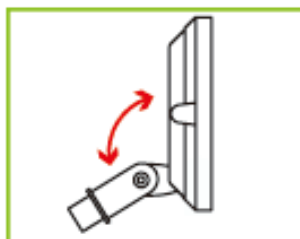
- ▶ Make sure that the supply voltage corresponds to the rated product voltage.
- ▶ The product is designed for indoor and outdoor use.
- ▶ The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- ▶ If the product is damaged, do not use it.
- ▶ All wiring connections should be capped with UL approved wire connectors.
- ▶ This fixture is intended to be connected to a properly installed and grounded UL listed junction box with suitable strain relief means for power cord. The junction box is not included, should be purchased separately.

INSTALLATION STEPS

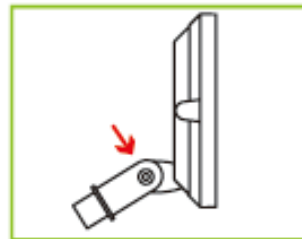
1. Turn off the main power.
2. Adjust the mounting bracket (the mounting bracket allows you to choose the necessary light direction and to set the desired angle of a lighting fixture):



Use a wrench to loosen the screw on the mounting bracket



Adjust the mounting bracket to your desired angle.



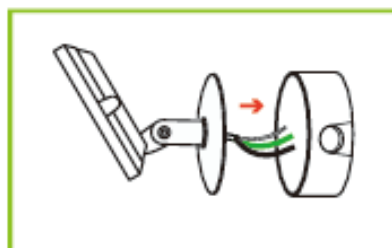
Tighten the screw

3. The floodlight can be mounted directly to an electrical box or to a pole with a 1/2" threaded insert.

GROUND MOUNTING



WALL MOUNTING



4. Turn on the main power. Installation is finished.

INSTALLATION INSTRUCTION(FM)

INSTALLATION GUIDE

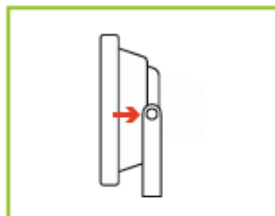
IMPORTANT SAFETY INFORMATION:

Please read all the instructions below before installation.

- ▶ Make sure that the supply voltage corresponds to the rated product voltage.
- ▶ The product is designed for indoor and outdoor use.
- ▶ The product must be installed by a qualified electrician in accordance with the National Electrical Code and corresponding local codes.
- ▶ If the product is damaged, do not use it.
- ▶ All wiring connections should be capped with UL approved wire connectors.
- ▶ This fixture is intended to be connected to a properly installed and grounded UL listed junction box with suitable strain relief means for power cord. The junction box is not included, should be purchased separately.

INSTALLATION STEPS

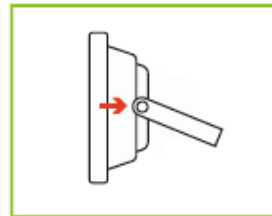
1. Turn off the main power.
2. Adjust the mounting bracket (the mounting bracket allows you to choose the necessary light direction and to set the desired angle of a lighting fixture):



Use a wrench to loosen the screw on the mounting bracket

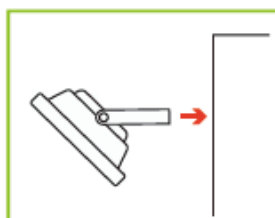


Adjust the mounting bracket to your desired angle.

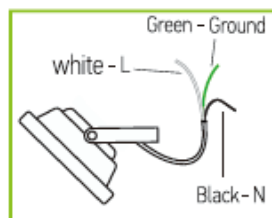


Tighten the screw

3. Fix the lighting fixture with screws of corresponding size.

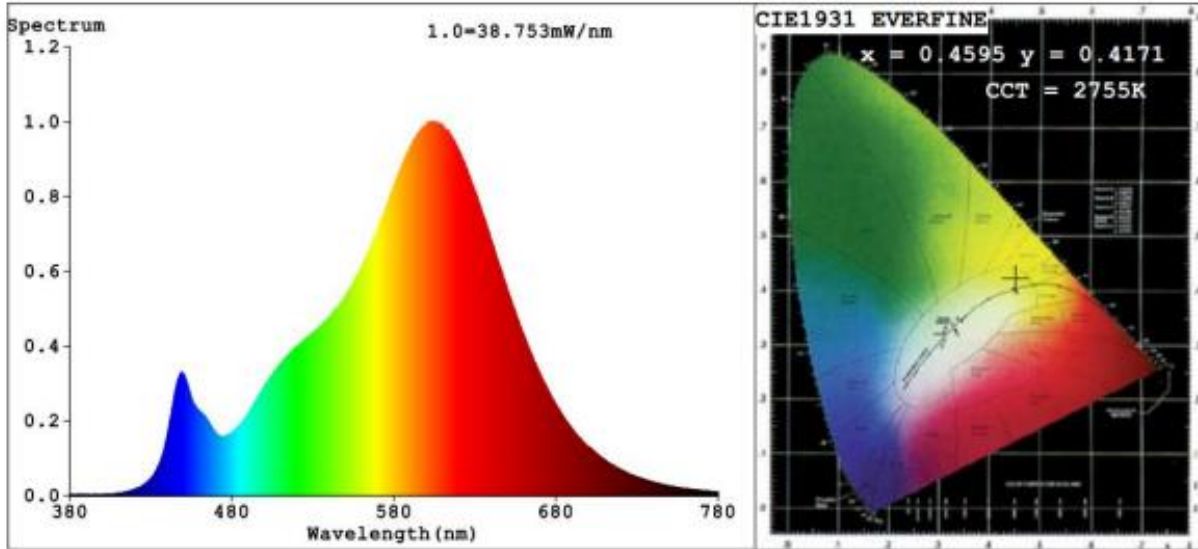


4. Connect power cord of Flood Light to the nearest properly installed and grounded UL listed junction box of power with suitable strain relief means for power cord.



5. Turn on the main power. Installation is finished.

PHOTOMETRICS



Zonal Lumen Tabulation

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-30	540.8	30.6%
0-40	883.4	49.9%
0-60	1,526.0	86.3%
60-90	241.6	13.7%
70-100	51.6	2.9%
90-120	0.1	0%
0-90	1,767.6	99.9%
90-180	1.4	0.1%
0-180	1,769.0	100%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	65.4	3.7%	90-100	0	0%
10-20	188.4	10.6%	100-110	0.0	0%
20-30	287.1	16.2%	110-120	0.1	0%
30-40	342.6	19.4%	120-130	0.2	0%
40-50	344.6	19.5%	130-140	0.3	0%
50-60	297.9	16.8%	140-150	0.3	0%
60-70	190.0	10.7%	150-160	0.3	0%
70-80	48.7	2.8%	160-170	0.2	0%
80-90	2.9	0.2%	170-180	0.1	0%

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!



RATED EXCELLENT  ★ Trustpilot