

PRODUCT DESCRIPTION

New Fully Tunable Panel allows you to perfectly customize your settings to fit your needs. 3CCT switch makes it easy to switch between 3500k, 4000k and 5000k also the wattage selectable switch allows you to dim the light as needed.

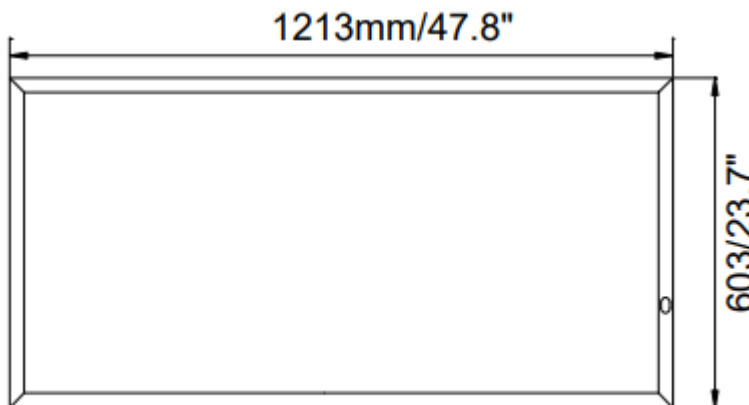


#: RGL-PANEL-46W-TT

PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL Cul, DLC certificate.
- Lumileds or Samsung Chip, high CRI.
- Input voltage 120-277VAC.
- 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.
- Gymnasium and supermarkets, etc

PRODUCT DIMENSIONS



2X4 feet



PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : ±10%)	46W(Wattage Selectable 35/40/46W)		
	Color Temperature	3500K	4000K	5000K
	Lumen (Tolerance : -10%)	5796LM	5942LM	5888LM
	Efficacy (Tolerance : -3%)	126LM/W	130LM/W	128LM/W
	CRI	>80		
	Color Consistency	< 6 Steps (or < 6 SDCM)		
	UGR (Glare Rating)	< 28		
	Diffuser Type	PC Lens		
Beam Angle (50%) (Tolerance :	113 Degree			
ELECTRICAL	Input Voltage and Frequency	120-277VAC, 50/60Hz (120-347vac optional)		
	PF (Tolerance : -3%)	≥0.98		
	THD (Tolerance : +5%)	≤15%		
	Flicker Percent	< 5%		
	Driver Brand	Rugged Grade Lighting		
	Driver Model	Rugged Grade Lighting Driver		
	Driver Surge protection	L/N-PE: 6kV, L-N: 4kV		
	Dimming	0-10V dimming standard, 12Vdc auxiliary dimming		
MATERIALS	Optional Accessory	Motion Sensor, Surge-protective Device		
	LED Brand	Lumileds		
	LED Type	SMD2835		
	LED QTY	96PCS		
	Housing	Die-cast aluminum		
	Housing Color	White		
	Waterproof Rating	Damp (IP41)		
OTHERS	Operating Temperature	-22°F to 104°F (-30°C to 40°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			

PRODUCT MOUNTS & ACCESSORIES



WSD-EMLY15W27-XX
15W Emergency Backup
Battery LED Driver



6FTPRWG-3/8-3PIN
6FTPRWG-3/8-5PIN
6FTPRWG-3/8-6PIN
6FT 3/8 inch Metal Flexible

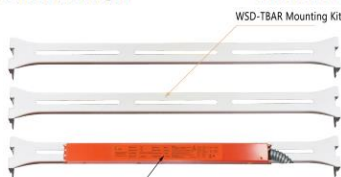


Cable Suspended Mounting
for 1x4 Panel Light

Cable Suspended Mounting
for 2x2 / 2X4 Panel Light



PANEL2X2-KIT
2X4 feet SURFACE MOUNT KIT



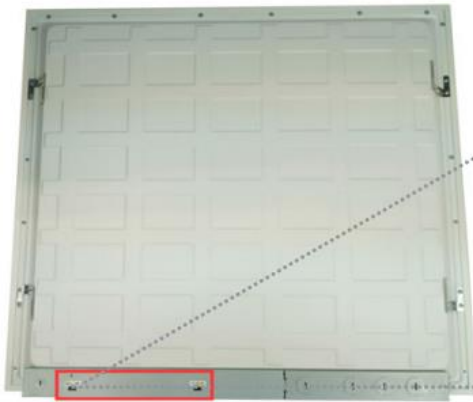
WSD-TBAR Mounting Kit

Emergency LED Driver



PRODUCT IMAGES & ACTUAL INSTALLATIONS

CONTROL MODULE



WATT/CCT
SELECTABLE

- Quick and easy in-field installation of sensors.



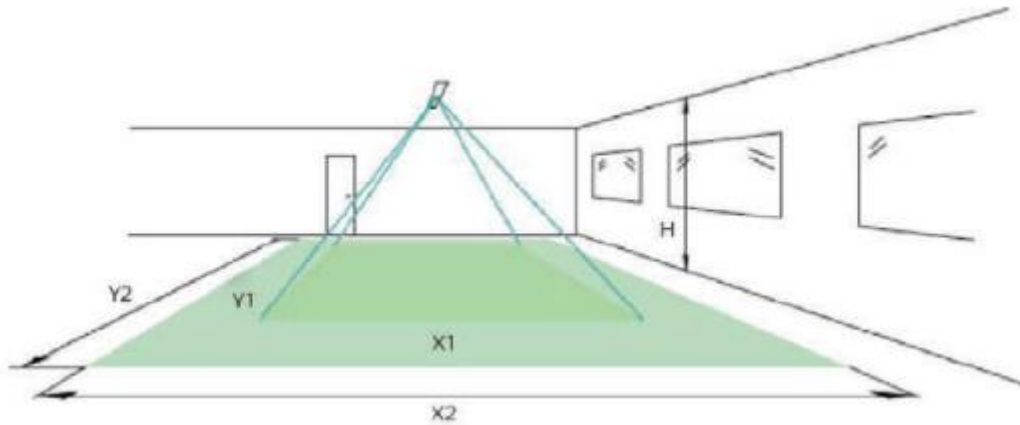
- Integrated occupancy and daylight controls.



The sensor receptacle is pre-embedded in the profile frame.



MOTION SENSOR SPECIFICATIONS



Height H	Minor Movement		Major Movement	
	Y1	X1	Y2	X2
8'/2.4m	10'/2.9m	9'/2.7m	15'/4.5m	9'/2.9m
10'/3m	12'/3.6m	11'/3.4m	18'/5.4m	12'/3.6m

Note: Longer dimension of detection area (Y1, Y2) is parallel to longer dimension.

ANT-1P-4T-BLE-SR

Plug and Play Network BLE Nodes and Sensor

The ANT-1P-4T-BLE-SR uses PIR motion detector architecture and passive infrared (PIR) technology for improved detection coverage for high bay applications.

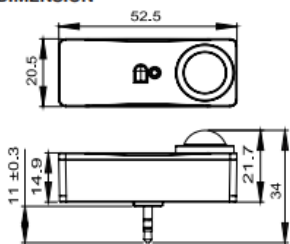
FEATURES

- Bluetooth to 0-10V signal converter, Bluetooth mesh network.
- Built-in 20mA 0-10V signal output.
- Mesh network, which has a much longer control distance, transmits received signals to neighboring devices.
- All devices on 0-10V line are broadcast controlled by mobile application
- In typical outdoor environment, the typical range for wireless communication is 60m.
- Actual range is dependent on field installation.
- Available with Magnetic reset (Touch the top part of sensor for 5 seconds).
- On-board antenna.



RC100 (With ANT-1P-4T use)
Remote Controller

DIMENSION

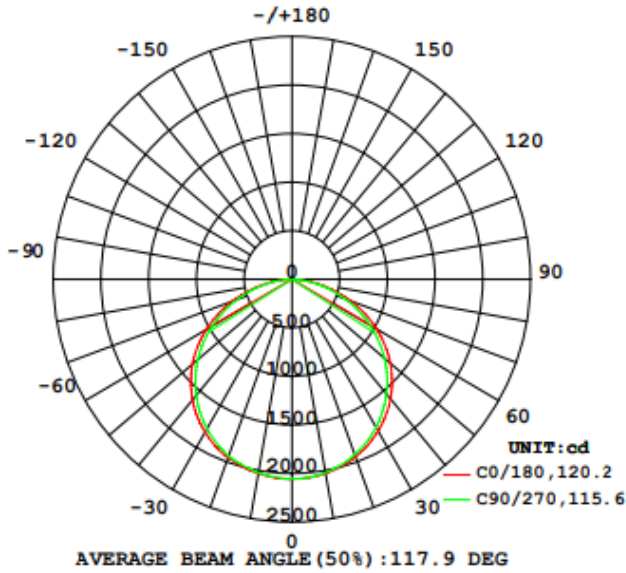


NETWORK BLE MESH	Yes
DAYLIGHT HARVESTING	Yes
MICROWAVE MOTION SENSOR	Yes
MOTION SENSOR	Passive infrared sensor
OPERATING VOLTAGE	10-14V DC
OPERATING CURRENT	>50mA
SINKING CURRENT	max. 25mA
CONTROL OUTPUT	0-10V
RADIO FREQUENCY	2.4GHz ± 75MHz
DETECTION ANGLE	360 °
PROGRAMMING	Silvair iOS App (IOS)
CYBERSECURITY	UL
MOUNTING HEIGHT	12ft Max.
MAX BLUETOOTH RANGE	200ft
SAFETY	cULus Listed
FCC	FCC
OPERATING TEMP.	-20°C - +60°C
IP RATING	IP20
WARRANTY	5 year limited

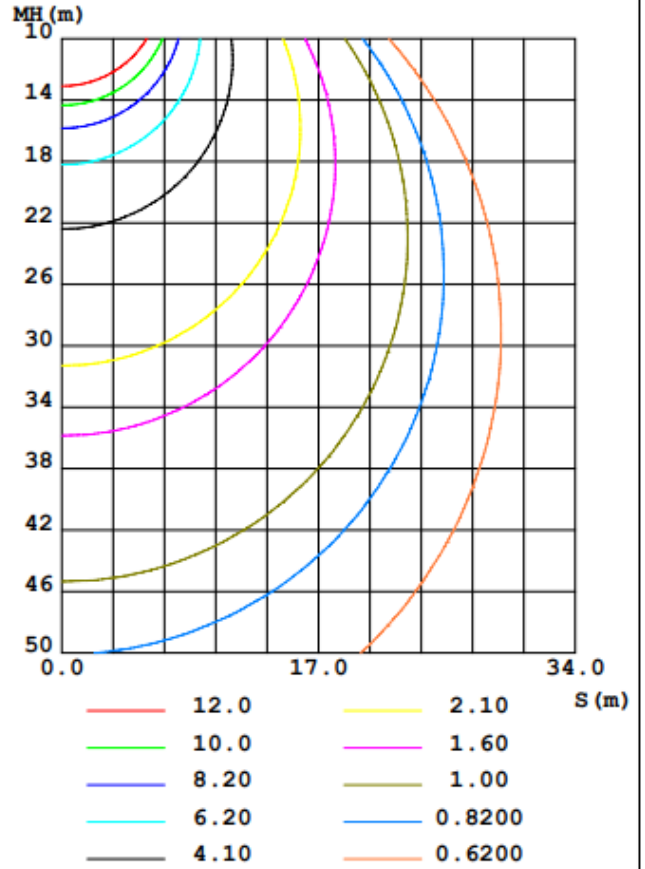


PHOTOMETRICS

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

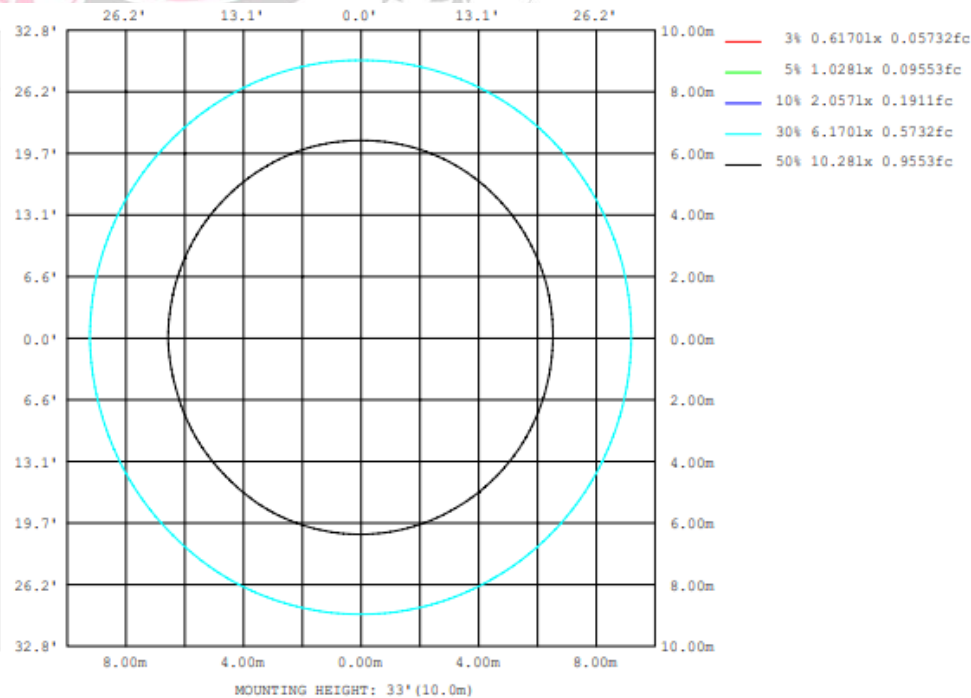


C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



Flux out:4642 lm

Height	Evgy, Emax	Angle:115.58deg	Diameter
1m	576.9,2060lx		317.50cm
2m	144.2,515.0lx		635.00cm
3m	64.10,228.9lx		952.50cm
4m	36.06,128.7lx		1270.00cm
5m	23.08,82.39lx		1587.50cm
6m	16.03,57.22lx		1905.00cm
7m	11.77,42.04lx		2222.50cm
8m	9.014,32.19lx		2540.00cm
9m	7.123,25.43lx		2857.50cm
10m	5.769,20.60lx		3175.00cm



PRODUCT PACKAGING

PACKAGING/WEIGHT

PART NO.	SIZE	OUTER CARTON SIZE (L*W*H)	QTY/CARTON (PCS)	NET WEIGHT (KG)(LBS)	GROSS WEIGHT (KG)(LBS)	20GP (PCS)	40HQ (PCS)
BPL-24-50W-L-H	2x4FT	1223*170*625mm 48.15"*6.7"*24.6"	4 pcs	4.0kg 8.8lbs	17.8kg 39.16lbs	800	1928
BPL-24-50W-L-L	2x4FT	1223*170*625mm 48.15"*6.7"*24.6"	4 pcs	4.0kg 8.8lbs	17.8kg 39.16lbs	800	1928

*Tolerance of Carton Size: ±15 MM, Tolerance of Weight: ±10%.

Low profile, optimized packaging allows more container loading.



Each product is packed in PE bags



4 EPE corner protector(6 for 2x4)



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.**

