

PRODUCT DESCRIPTION

Fully Tunable LED Architectural Wall Pack Lighting series can be widely used in indoor or outdoor lighting (wet location). Excellent for museums, art galleries, shopping malls, office buildings, walls and many other applications.

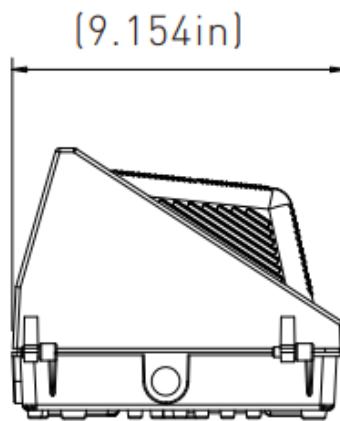
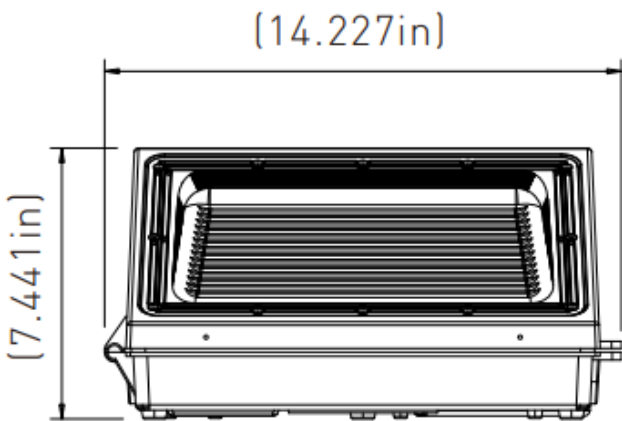


PART #: RG-120W-FCWP-TT-WHITE

PRODUCT FEATURES & COMMON USE APPLICATIONS

- UL, cUL, certificate
- Lumileds 2835, high CRI.
- Input voltage 120-277VAC .
- Output constant current lever can be adjusted throughout cable with 0-10V.
- No UV or IR in the beam.
- Wattage adjustable feature enabled with wattage dial device (sold separately).
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Entrance lighting, courtyard lighting;
- Industrial lighting, Outdoor landscape lighting;
- Building, The hotel;
- Wall lighting area and so on.

PRODUCT DIMENSIONS



Rugged Grade Lighting
Industrial Grade Solutions



LEGENDARY USA SUPPORT



US based
phone and online
customer support



5 YEARS
WARRANTY



888-953-2476
sales@ruggedgrade.com

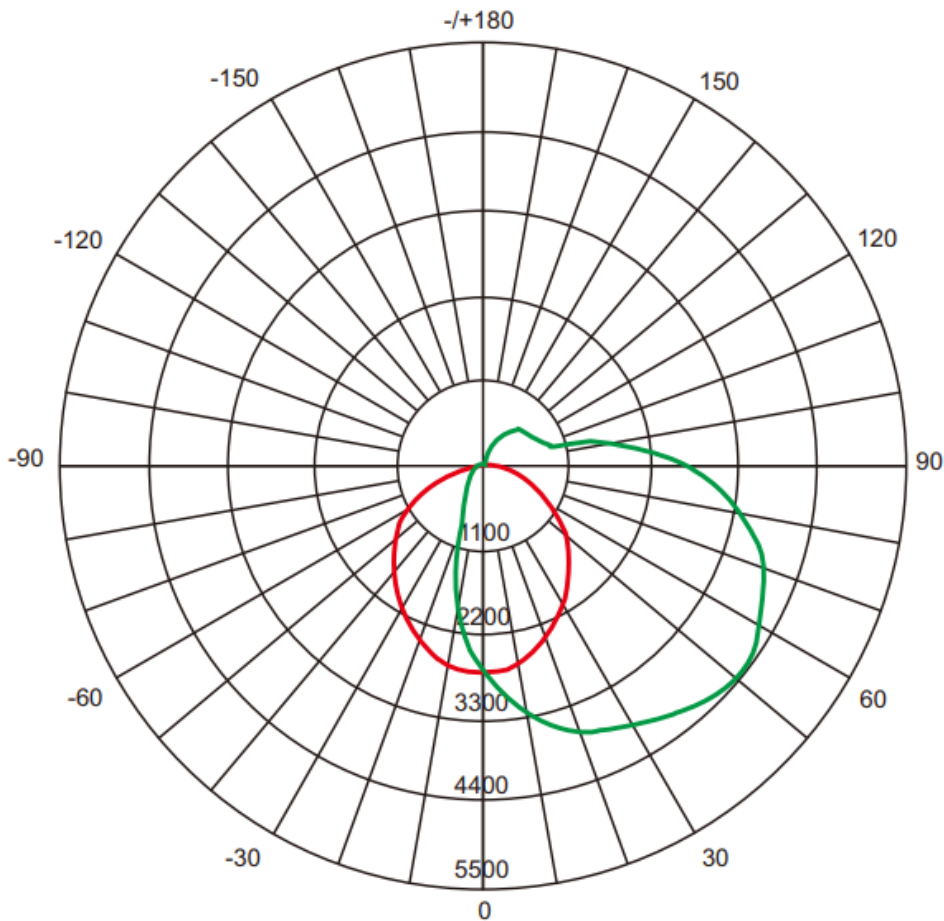
PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance : $\pm 10\%$)	120W(Wattage Selectable 120W/100W/80W)
	Color Temperature	3500K/4000K/5000K(Color Selectable)
	Lumen (Tolerance : -10%)	15600
	Efficacy (Tolerance : -3%)	130LM/W
	CRI	>72
	Diffuser Type	PC Lens
	Beam Angle (50%) (Tolerance :	120D
ELECTRICAL	Input Voltage and Frequency	120-277VAC
	PF (Tolerance : -3%)	≥ 0.9
	THD (Tolerance : $+5\%$)	$\leq 20\%$
	Flicker Percent	$< 5\%$
	Driver Brand	Rugged Grade
	Driver Model	RG-120W-120V
	Dimming	0-10V dimming standard
MATERIALS	Optional Accessory	NA
	LED Brand	Lumileds
	LED Type	SMD2835
	Housing	Die-cast aluminum
	Housing Color	White
	Waterproof Rating	WET (IP65)
	Storage Temperature	$-20+45^{\circ}\text{C}$
OTHERS	Operating Temperature	$-20+45^{\circ}\text{C}$
	Storage Humidity	10% - 95% RH
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime

PRODUCT MOUNTS & ACCESSORIES



PHOTOMETRICS



AVERAGE BEAM ANGLE(50%): 119.7°

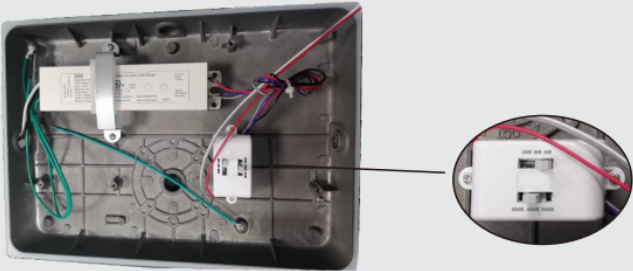
Test Number:LS-WP120W-50K
Lumens:15600LM
Test Number:120W
Test Number:5000K

UNIT:CD
— C0/180,104.2
— C30/210,109.6
— C60/240,116.8
— C90/270,108.3



PRODUCT FEATURES

Special Function



60W	80W	100W	3500K	4000K	5000K
☒	☐	☐	☒	☐	☐
Power			CCT		

The lamps have the function of adjusting power and color temperature

PRODUCT ORDERING GUIDE

LS-WP60/80/100/120W-XXK-UW

1

2

3

4

LS

-

WP

60/80/100/

-

50K

120W

☒ LS

LEDSON

☒ WP

WALLPACK

☒ 60W

Power 60W

☐ 80W

Power 80W

☐ 100W

Power 100W

☐ 35K

CCT:3500K

☐ 40K

CCT:4000K

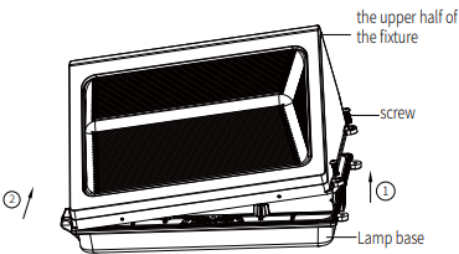
☒ 50K

CCT:5000K

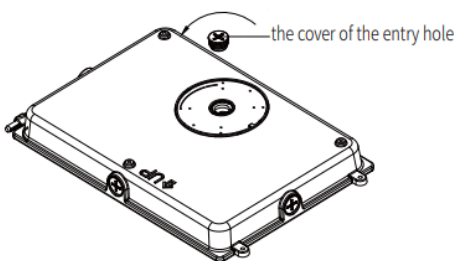


INSTALLATION GUIDE

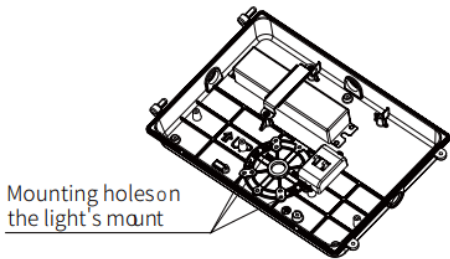
1. Use a screwdriver to unscrew the lamp screws and remove the upper half of the fixture.



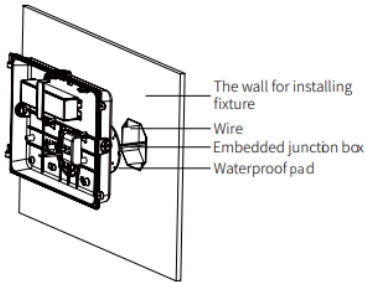
2. Unscrew the cover of the entry hole on the lamp base and remove the cover.



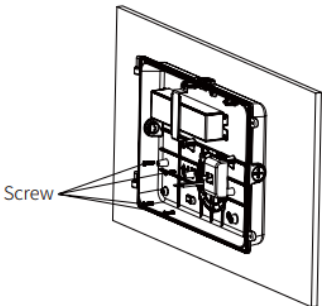
3. According to the embedded terminal box, punch the corresponding mounting hole on the light's mount.



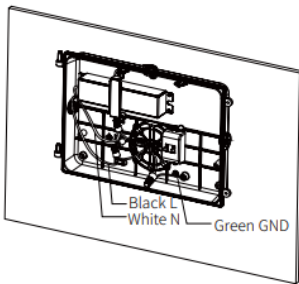
4. Put the input line in the embedded box, pass it through the waterproof pad, and then pass it through the lamp base.



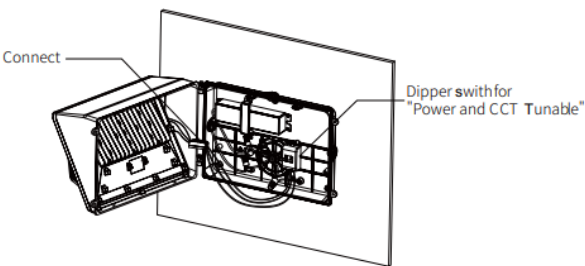
5. Use a screw to lock the lamp base on the embedded junction box.



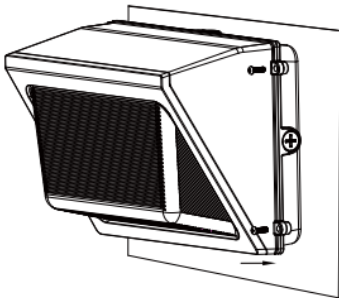
6. Connect the input wire and the dimming wire of the light, then put the connected wires into the embedded terminal box.



7. Connect the output wires of the driver with the wires of the PCB board. Please use "Dipper Switch", to achieve "Power and CCT Tunable" function.



8. Use screws to lock the fixture. Installation completed.



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.

