5 YEAR WARRANTY · cETLus Intertek · RoHS · CE · UL 8800
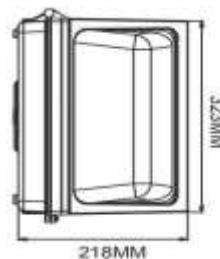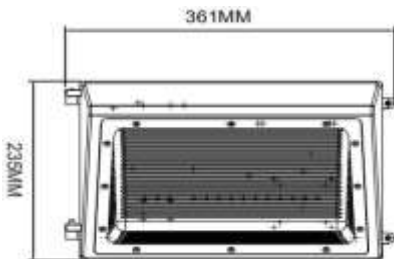
APPLICATIONS

This WPB Series Classic LED Wall Pack Light is designed for security lighting, it's widely used at pathway, hallway, perimeter, patio, entrance, stairway, house, garden, garage, yard, warehouse, factory, store, street, porch. With premium driver and Dust-to-Dawn photocell, this product lasts for 100000 hours and save up 80% on energy and operating costs. Inside with quality Lumileds LED as light sources, it's great solution to replace conventional fixtures.

Wall Pack is widely used in pathway, hallway, perimeter, patio, entrance, stairway, house, garden, garage, yard, warehouse, factory, store, street, porch.

FEATURES

- Dusk-to-Dawn photocell available - Auto turn on at dusk and off at dawn
- Unique private classic design with solid durable construction
- Easy and fast installation - Direct mounting on wall or with J-Box
- PC lens and GLASS lens both available to meet different application
- Waterproof IP65 rating - suitable for all kinds of weather
- Good energy saving - save 80% electricity cost compared to traditional lamp
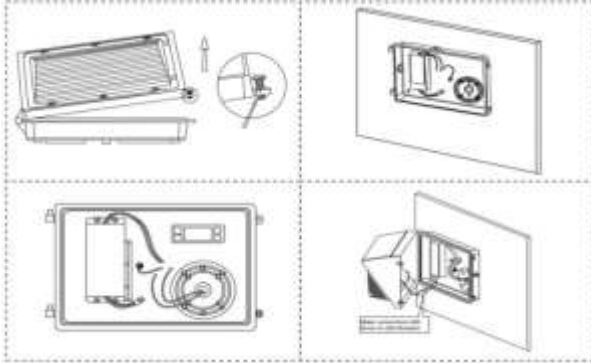- 5 Years Warranty for whole fixture and power supply

DIMENSIONS

361MM
235MM
187MM

PC Lens Size

323MM
218MM
237MM

GENERAL SPECIFICATION

Item No.	ML-WPB-48W, 60W, 80W, 100W, 130W				
System Power(±5%)	48W 60W 80W 100W 130W				
Electrical Data					
Input Voltage	100-277 VAC				
LED Driver	MINGLIGHT Driver				
Power Frequency	50/60Hz				
Power Factor	>0.9				
THD	<20%				
Optical Data					
System Efficacy	110(±5%) Lm/W tested based on 5000K Ra70				
LED Chip	Lumileds SMD3030				
Beam Angle	110°				
Light Color	3000K / 4000K / 5000K / 5700K				
CRI	>70 Ra				
UGR	<19				
Temperature Data					
IP Rate	IP65 wet/outdoor				
Operating Temp	-40° ~ 131° F (-40° ~ 55° C)				
Ambient Temp	-4° ~ 104° F (-20° ~ 40° C)				
Storage Temp	-40° ~ 158° F (-40° ~ 70° C) R.H.≤85%				
Lifespan	≥50000Hrs (Ta=30°C@L70) Operating				
Fixture Material	Die casting Aluminum body				
Safety Certification	ETL, DLC				
Warranty	5 Years				
Dimension & Packing Data					
Product size (LxWxH)	361 x 235 x 187mm (14,2" x 9,3" x 7,36")				
Net Weight	3.0 KGS (6.61 LBS)				
Gross Weight	3.5 KGS (7.72 LBS)				
Carton size (LxWxH)	39*27*24.5cm (15,35*10,63*9,65 inch)				
Qty/Carton	1 PC				
Loading Qty/20' GP	800 CTNS / 800 PCS				
Loading Qty/40' GP	1600 CTNS / 1600 PCS				
Loading Qty/40' HQ	2000 CTNS / 2000 PCS				
	48W	**60W**	**80W**	**100W**	**130W**
Luminous Flux (±5%)	5280LM	6600LM	8800LM	11000LM	14300LM
HPS / MH	**150-200W**	**250-300W**	**300-350W**	**350-400W**	**400-500W**

NEWLAVIE LIGHTING

INSTALLATION DIAGRAM

①.Remove 2 screws and lens cover
②.Knock out appropriate hole, Apply the gasket on the back
③.Connect the power wiring
④.Tighten the module Fix the lens by screws silicone seal, then Connect LED driver and LED .

#SMART SOLUTION OPTIONS

Description	Picture	Function
Photocell		Auto turn on at dusk/night and off at dawn/daytime

#TROUBLE SHOOTING

Problem	Possible Cause	Solutions
LEDs stop working	The power line is improperly connected.	Reconnect the power cable.
	The power plug is loose.	Firmly plug the power in.
	The LED driver malfunctions.	Replace with new driver.
	The LED chip is damaged.	Replace with new LEDs.
LEDs flash on and off	The output of the driver is abnormal.	Replace with new driver.
	The LED chip breaks down.	Replace with new LED chip.

TECHNICAL SPECIFICATIONS

#Certificate
RoHS approved
This product is tested by independent lab.with all green material.
CE / ETL / DLC approved
This product have passed CE & ETL testing and is fully DLC approved.
IESNA LM-79 and LM-80 Testing
Minglight fixture have been tested by independent lab. in accordance with IESNA LM-79 and LM-80 Testing

#LED Characteristices
Lifespan
100000 hours LED lifespan based on
IES LM-80 results and TM-21 Calculation.
Color Consistency
7-step MacAdam Ellipse binning to achieve consistent one by one color.

Color Stability:
LED color temperature is warrantied to shift no more than 200K in CCT over a 50000 hours.
Color Uniformity:
Minglight's range of CCT follows the guidelines of the American National standard for specification for the chromaticity of Solid State Lighting (SSL) Products,ANSI C78.377-2017

#Smart Engine
Dimming Driver
1-10V Dimming optional
Smart Sensor
 Photocell optional

#Installation
IES Classification:
110° beam angles, the lighting output produces a oval shape distribution to cover the area.
Mounting:
This product is direct mounting on wall mounting or with J-box
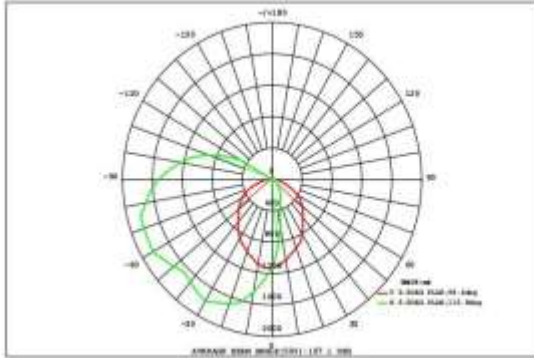The application including Warehouse, patio, entrance, stairway, house, Garage, outdoor facilities.

#IP Rating
Ingress Protection rating of IP65
IP65 for dust and water
Greenity:
Mercury or UV free.RoHS compliant components.Package boxes are made with recyclable material.

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PHOTOMETRICS

DATA OF LAMP			Eff:111.76lm/W	
MODEL		ML-WPB-48W	Imax(cd)	1859
NOMINAL POWER(W)	48		AVAILABILITY(%)	96.5
RATED VOLTAGE(V)	277		Avai. FLUX(lm)	5120
NOMINAL FLUX(lm)	5308.57		LOR(%)	100.0
LAMPS INSIDE	1		TOTAL FLUX(lm)	5309
TEST VOLTAGE(V)	230		θ @50%(H,V)	98,116DEG

Height	Eavg,Emax	Angle:98.43deg	Diameter
4.0ft / 1.219m	297.3,992.71x		9.27ft / 282.65cm
6.56ft / 2m	110.5,368.91x		15.21ft / 463.66cm
9.84ft / 3m	49.09,164.01x		22.82ft / 695.50cm
13.12ft / 4m	27.62,92.221x		30.42ft / 927.33cm
16.41ft / 5m	17.67,59.021x		38.03ft / 1159.16cm