LED Wall Pack Light

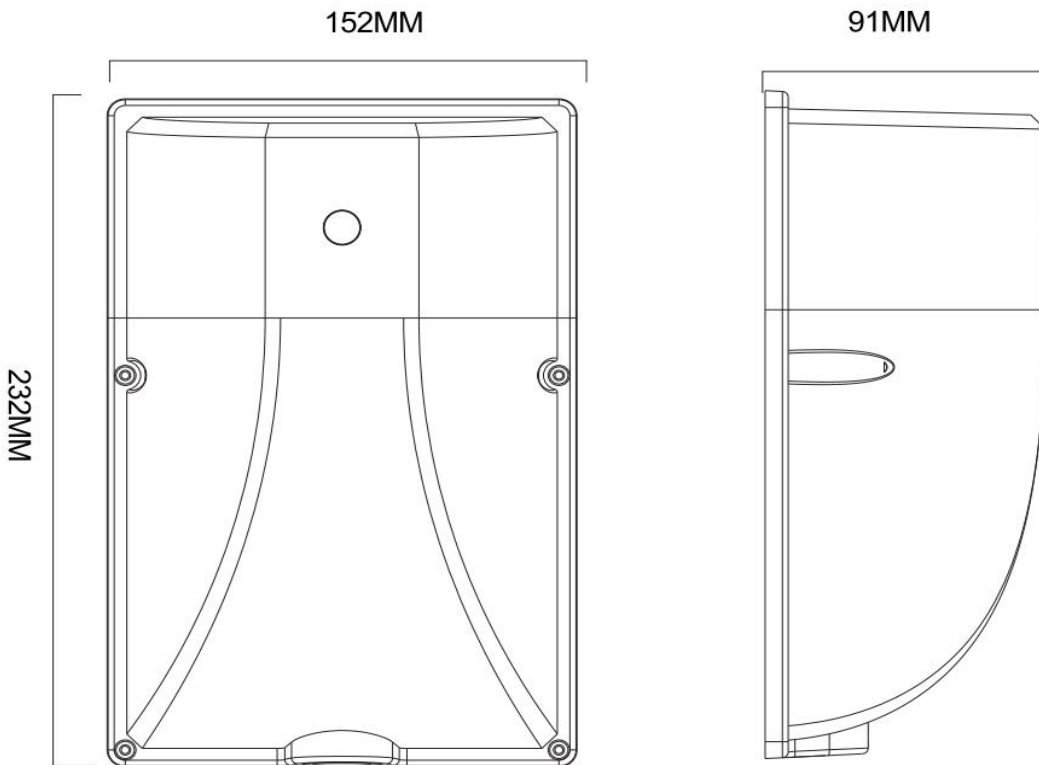Commercial Lighting | Security Lighting

This WPA Series Mini 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.

• Dusk-to-Dawn photocell available - Auto turn on at dusk and off at dawn

• Unique private slim shape design with solid durable construction

• Easy and fast installation - Direct mounting on wall or with J-Box

• High efficiency output - light efficiency is up to 110LPW

• Waterproof IP65 rating - suitable for all kinds of weather

• Good energy saving - save 80% electricity cost compared to traditional lamp

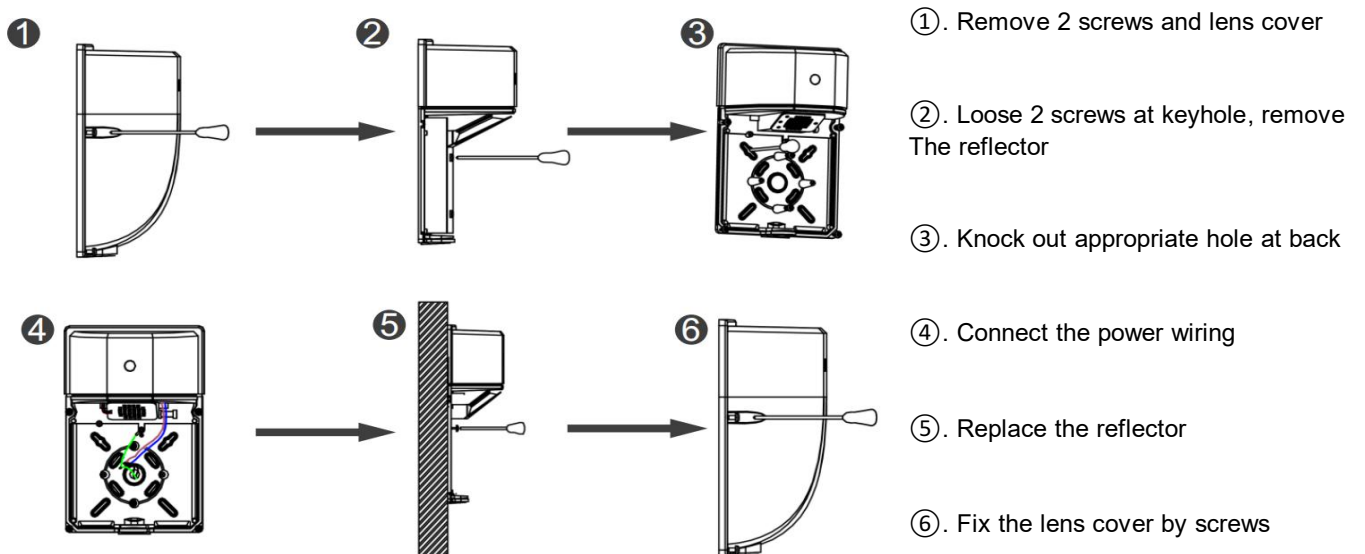• 5 Years Warranty for whole fixture and power supply

General Specifications

Item No.	ML-WPA26W
System Power(±5%)	26W
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
Luminous Flux (±5%)	2860LM
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 Aluminium body
Safety Certification	ETL, DLC
Warranty	5 Years
Dimension & Packing Data	
Product size (LxWxH)	232 x 152 x 91mm (7,61" x 4,99" x 2,99")
Net Weight	11.4 KGS (25.13 LBS)
Gross Weight	12.5 KGS (27.56 LBS)
Carton size (LxWxH)	59*34.5*26.5cm (23,23*13,58*10,43 inch)
Qty/Carton	10 PCS
Loading Qty/20' GP	400 CTNS / 4000 PCS
Loading Qty/40' GP	850 CTNS / 8500 PCS
Loading Qty/40' HQ	1000 CTNS / 10000 PCS
L.E.D. vs HPS / MH Equivalence	
LED	**26W**
HPS / MH	**100W**

Dimensions

152MM

91MM

232MM

Installation Diagram

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①. Remove 2 screws and lens cover

②. Loose 2 screws at keyhole, remove The reflector

③. Knock out appropriate hole at back

④. Connect the power wiring

⑤. Replace the reflector

⑥. Fix the lens cover by screws

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

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

#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.

#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.

#Smart Engine

Dimming Driver
1-10V Dimming optional

Smart Sensor
 Photocell optional

#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.

#Smart solution options

Description	Pictures	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.

Photometrics
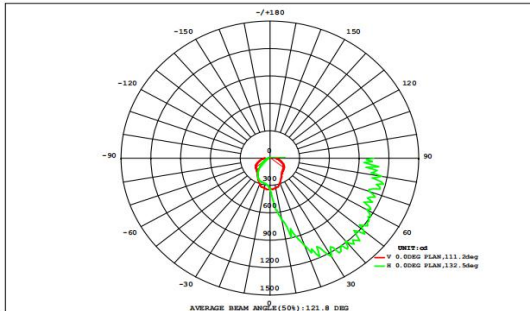
DATA OF LAMP			Eff:107.231m/W	
MODEL	ML-WPA-26W-5000K	Imax(cd)		1362
NOMINAL POWER(W)	26	AVAILABILITY(%)		93.7
RATED VOLTAGE(V)	277	Avai. FLUX(lm)		2663
NOMINAL FLUX(lm)	2841.66	LOR(%)		100.0
LAMPS INSIDE	1	TOTAL FLUX(lm)		2842
TEST VOLTAGE(V)	276.5	θ @50%(H,V)		111,132DEG

Height		Eavg,Emax	Angle:111.18deg		Diameter
3.28ft	1m	205.7,891.01x		9.58ft	291.98cm
6.56ft	2m	51.42,222.71x		19.16ft	583.96cm
9.84ft	3m	22.85,99.001x		28.74ft	875.94cm
13.12ft	4m	12.86,55.691x		38.32ft	1167.92cm
16.41ft	5m	8.228,35.641x		47.90ft	1459.90cm
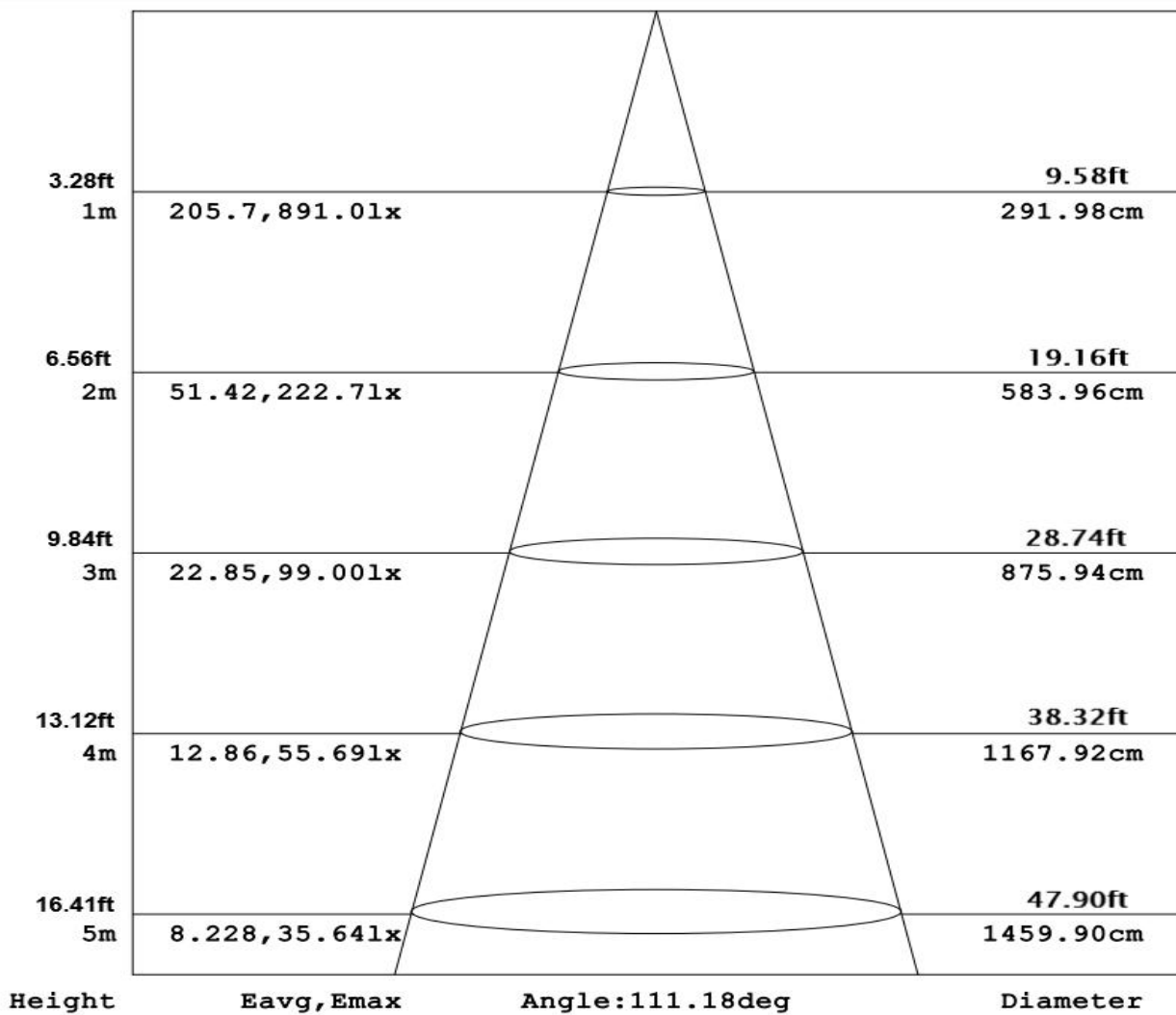
Suggested mounting height for best illumination effect: 6 to 20 feet (2 - 6 meters)

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

Project Cases of MINGLIGHT