

Project:	
Type:	
Catalog # :	

FME Lighting | 877 - 234 - 8460 | info@fmelighting.com



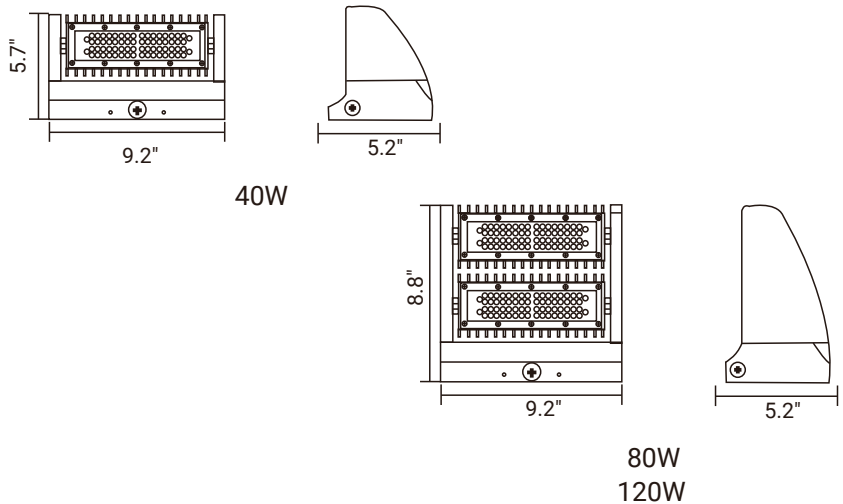
SPECIFICATIONS

VOLTAGE	120-277V
WATTAGE	40, 80W & 120W
COLOR TEMP	5000K Kelvins
OPERATING TEMP	-20°C to 45°C
HOUSING	Aluminum alloy housing with bronze powder-coated finish.
LENS	HIGH TRANSMISSION PC
OPTICAL SYSTEM	High brightness luminleds 2835 chips
BEAM ANGLE	60°
LIGHT EFFICIENCY	135LM/W
CRI	> 72
LAMPS EFFICIENCY	≥90%
DIMMING	1-10V Dimming
WARRANTY	5 Year Limited Warranty

Model No.	PFC	Wattage Tunable	Voltage/Current Input			Light Efficiency	Kelvin Options
			120V	277V	480V		
RWP-4-LV-C	> 0.9	40W	0.33A	0.14A	0.08A	135LM/W	5000K
RWP-8-LV-C	> 0.9	80W	0.66A	0.28A	0.16A	135LM/W	5000K
RWP-12-LV-C	> 0.9	120W	1.0A	0.43A	0.25A	135LM/W	5000K

DIMENSIONS

Unit: mm (inch)



LUMENS & OPTICS

*See Page 2 for All Photometry Diagrams.

ORDERING INFORMATION

ORDERING GUIDE

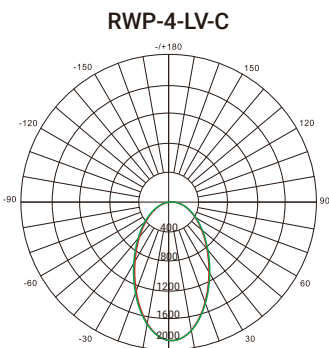
Series	Wattage	Voltage	CCT	Color	Photocell
RWP	4 = 40W 8 = 80W 12 = 130W	LV = 100-277 VAC	C = 5000K	DB = Dark Bronze	P = Photocell BLANK = No Photocell

*On the 80W and 120W, there are 2 rows of rotating LED

ELECTRIC CHARACTERISTIC

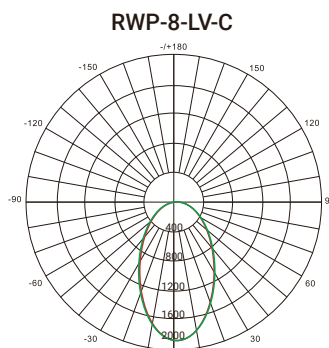
Specification/Model	RWP-4-LV-C	RWP-8-LV-C	RWP-12-LV-C
LED Driver	UL driver		
Input power	40W	80W	120W
Lumens output	5400LM	10800LM	16200LM
Efficiency	135LM/W	135LM/W	135LM/W
CRI	> 72	> 72	> 72
Color Temperature	5000K	5000K	5000K
Input voltage	120-277V/AC	120-277V/AC	120-277V/AC
Light distribution type	60D	60D	60D
Working temperature	-20+45°C	-20+45°C	-20+45°C
Junction temperature	< 75°C	< 75°C	< 75°C
lamps efficiency	≥90%	≥90%	≥90%
Certificate	UL CUL DLC	UL CUL DLC	UL CUL DLC
Equivalent	120-200W MH/HPS	200-250W MH/HPS	250-360W MH/HPS

PHOTOMETRY



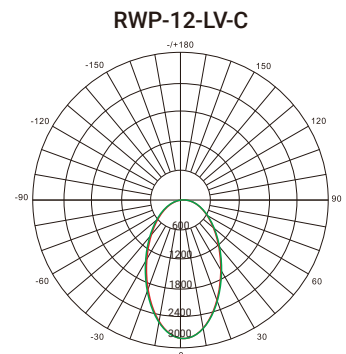
AVERAGE BEAM ANGLE(50%):60°

UNIT:CD
 Lumens:5400LM
 TestNumber:40W
 TestNumber:5000K
 - C0/180,113.7
 - C30/210,100.1
 - C60/240,108.6
 - C90/270,130.9



AVERAGE BEAM ANGLE(50%):60°

UNIT:CD
 Lumens:10400LM
 TestNumber:80W
 TestNumber:5000K
 - C0/180,115.4
 - C30/210,121.0
 - C60/240,108.4
 - C90/270,132.1



AVERAGE BEAM ANGLE(50%):60°

UNIT:CD
 Lumens:16200LM
 TestNumber:120W
 TestNumber:5000K
 - C0/180,115.4
 - C30/210,121.0
 - C60/240,108.4
 - C90/270,132.1

INSTALLATION

Instructions

Warning :

1. Can not use the electric generator to test the LED lamp.
2. This luminaire must be installed in accordance with your local electrical codes and requirements.
3. Do not install the luminaire in the rain, to avoid lightning stroke and damage to luminaire.

Installation notice :

1. This luminaire must be installed by qualified electrician to avoid electric shock and fire accident;
2. Wear gloves before installation in order to avoid injury;
3. Turn off the power immediately when there is smoke and fire during installation; inform professionals to overhaul;
4. This luminaire is suited for outdoor use.

The installation of the product can be used when it is marked with "✓".

✓ Installation I :

Wiring from the bottom of luminaire

1. Cut holes on the wall according to locating plate. (Figure 1-1)

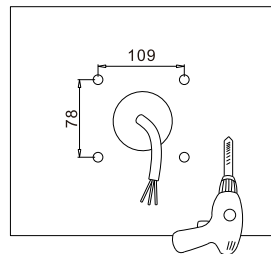


Figure 1-1

2. Fix rubber plugs into holes. (Figure 1-2)

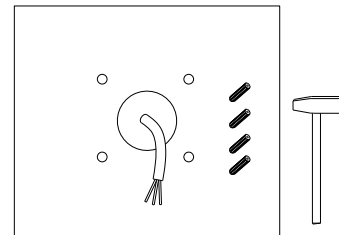


Figure 1-2

3. Align mounting bracket with hole; tighten screws. (Figure 1-3)

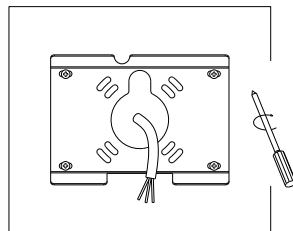


Figure 1-3

4. Make wiring connection and go through isolation treatment. (Figure 1-4)

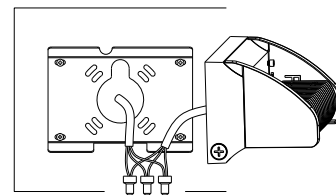


Figure 1-4

5. Fix the luminaire on the bracket and tighten screws on the bottom. (Figure 1-5)

6. After installation, tighten the screws. (Figure 1-6)

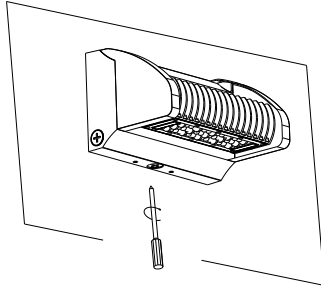


Figure 1-5

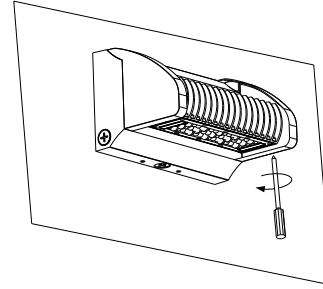


Figure 1-6

**✓ Installation II :
Wiring from the bottom of luminaire**

1. Cut holes on the wall according to locating plate .(Figure 2-1)

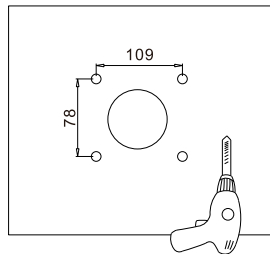


Figure 2-1

2. Fix rubber plugs into holes.(Figure 2-2)

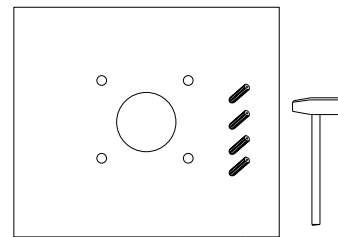


Figure 2-2

3. Align mounting bracket with hole;tighten screws.(Figure 2-3)

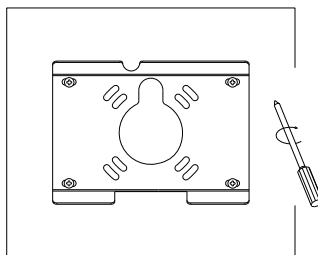


Figure 2-3

4. Fix the luminaire on the bracket; make wiring connection from side and go through isolation treatment.(Figure 2-4)

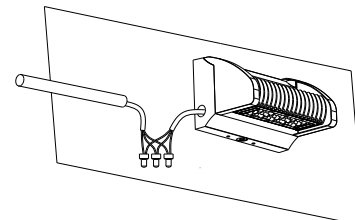


Figure 2-4

5. Tighten the pipe on the luminaire; after installation. tighten the screws.(Figure 2-5)

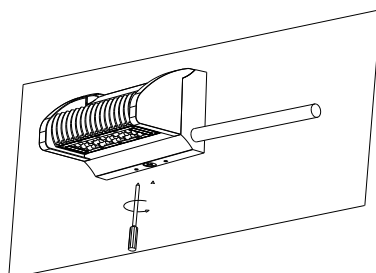


Figure 2-5

Installation III : Bracket installation

1. Cut holes on the wall according to locating plate. (Figure 3-1)

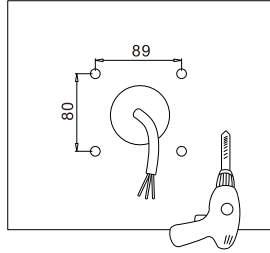


Figure 3-1

2. Fix rubber plugs in holes. (Figure 3-2)

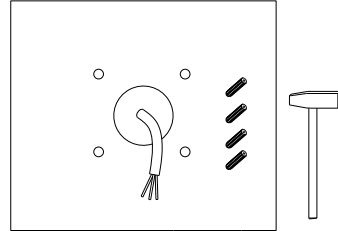


Figure 3-2

3. Align mounting bracket with hole; tighten screws. (Figure 3-3)

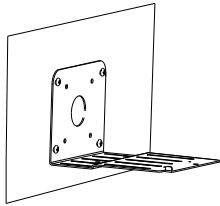


Figure 3-3

4. Pass wires through rubber ring and junction box, align with holes and lock junction box. (Figure 3-4)

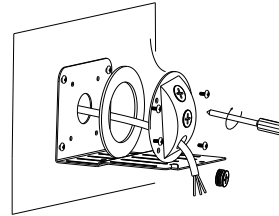


Figure 3-4

5. Make wiring connection and go through isolation treatment. (Figure 3-5)

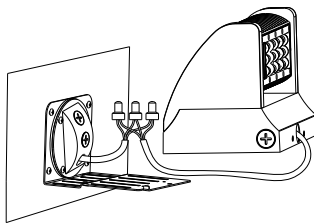


Figure 3-5

6. Push the wires into junction box; after installation, tighten the screws. (Figure 3-6)

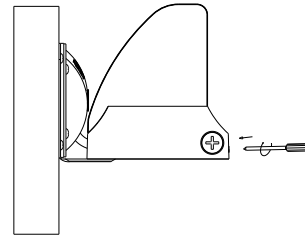


Figure 3-6