

DESCRIPTION

Cast in a modern and low-profile design, RAYO RWP 13 series, is easily customizable to fit every building's aesthetic design and a mix of architectural styling and energy savings. Available in two sizes, the RWP13 family delivers 3,600 to 13,400 lumens with a wide, uniform distribution. It's ideal for illuminating commercial office buildings, warehouses, campuses, shopping malls and other office complexes.

SPECIFICATION FEATURES

Construction

- Sealed die-casting profile for outdoor applications.
- Casting thermally conducts LED heat to optimize performance and long life.
- Suitable for applications requiring 3G testing prescribed by ANSI C136.31.

Optics

- Light engines are available in standard 4000 K and 5000 K configurations.
- Scalable Lumen Packages from 3,600 to 13,400 Lumens.
- Zero uplight distributions using individual acrylic.
- High performance UV stabilized optical grade polymer refractor lenses to achieve desired distribution optimized to get maximum spacing, target lumens and a superior lighting uniformity.

Electrical

- Universal 120-277 VAC input voltage.
- 1-10V Dimming.
- Both drivers have a power factor >90%, THD <20%.
- Operating Temperature Range: -40°C to 40°C (-40°F - + 104°F).

Controls

- Optional occupancy sensor
- Optional photocell
- Optional Emergency Battery

Lifespan

- Estimated 50,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations.

Warranty

- Five-year warranty.

Certifications

- DesignLights Consortium™ Qualified.
 - UL cUL wet location listed.
- Note: DesignLights Consortium™ Qualified and classified for DLC Premium (all lumen packages), refer to www.designlights.org for details.

Note

- Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C(±5°C) specifications subject to change without notice.

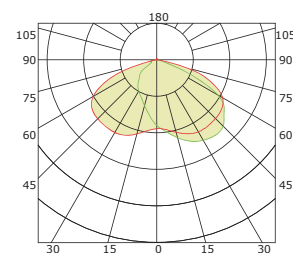


Small size:
27W/45W



Large size:
70W/100W

PHOTOMETRICS



ACCESSORIES



120-277V Bottom Photocell

Description: Photocell is field installed or pre-installed in factory by requesting



Occupancy Sensor

Description: Sensor can be pre-installed in factory or field installed



Emergency Battery Backup

Description: It can be pre-installed in factory or field installed



Surface-Mounted Back Box

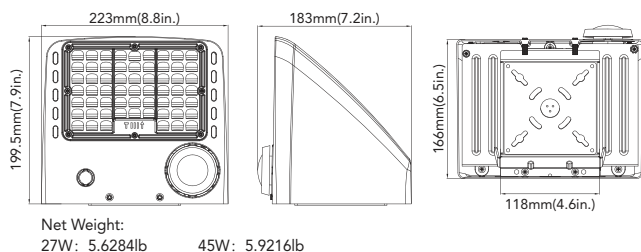
Description: Easy to install to recessed J-box or surface mount.
W4.8" x H5.3" x 1.77"



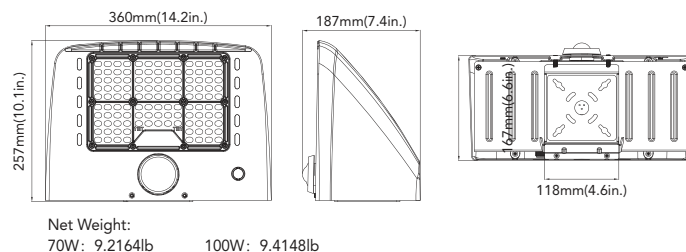
DIMENSIONS

unit: mm/inch

Small size: 27W/45W



Large size: 70W/100W



PERFORMANCE DATA

SYSTEM WATTS	VOLTAGE	CRI	LUMENS (4000K)	LPW (4000K)	LUMENS (5000K)	LPW (5000K)
27W	120-277VAC	70	3600lm	133 lm/W	3600lm	133 lm/W
45W	120-277VAC	70	5800lm	129 lm/W	5800lm	129 lm/W
70W	120-277VAC	70	9100lm	130 lm/W	9100lm	130 lm/W
100W	120-277VAC	70	13400lm	134 lm/W	13400lm	134 lm/W

ELECTRICAL DATA

Number Of Drivers	Driver Current (mA)	Nominal Power (W)	INPUT VOLTAGE (V)	CURRENT (Amps)
1	670	27	120	0.23
		27	208	0.13
		27	240	0.11
		27	277	0.10
1	1120	45	120	0.38
		45	208	0.22
		45	240	0.19
		45	277	0.16
1	1750	70	120	0.58
		70	208	0.34
		70	240	0.29
		70	277	0.25
1	2600	100	120	0.83
		100	208	0.48
		100	240	0.42
		100	277	0.36

ORDERING GUIDE									Example: RWP13 45W 27V 50K Y Y Y Y Y
Fixture Type	Wattage	Voltage	CCT	Finish	Photocell (Option)	Sensor (Option)	Emergency Battery (Option)	Internal Code	
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RWP 13 Wall Pack Series	27 27W 45 45W 70 70W 100 100W	27V 120-277V	40K 4000K 50K 5000K	D Dark Bronze B Black W White	P0 120-277V Photocell Blank Without Photocell	M With Sensor Blank Without Sensor	B Emergency Battery Blank Without Emergency Battery	Blank Alphanumeric	

MOUNTING

	The external portable mounting plate makes installation super easy and simple. There's no need to open fixture housing, nor drill on housing, which greatly minimize the risk of water ingress.		The optional external Surface-Mounted Back Box can not only support standard J-box installation but also support outer-surface conduits wiring through the 1/2" knockouts on 4 sides without a J-box.
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