

PORTO™ Specifications

UL Listing: Suitable for wet locations

LEDs: Long-life, high-efficiency surface mount LEDs

Lifespan: 100,000-hour LED lifespan based on IES LM-80 results and TM-21 calculations

IP Rating: IP66, protected against dust and water ingress

Drivers:

30W: Constant current, Class 2, 100 - 277V and 480V, 50/60 Hz, 120V: 0.25A, 208V: 0.13A, 240V: 0.12A, 277V: 0.11A, 480V: 0.12A

42W: Constant current, Class 2, 100 - 277V and 480V, 50/60 Hz, 120V: 0.36A, 208V: 0.19A, 240V: 0.18A, 277V: 0.17A, 480V: 0.13A

55W: Constant current, Class 2, 100 - 277V and 480V, 50/60 Hz, 120V: 0.50A, 208V: 0.33A, 240V: 0.32A, 277V: 0.31A, 480V: 0.13A

PORTO 30W

Color Temperature	5000K	4000K	3000K
Input Watts	29	29	29
Output Lumens	3455	3151	3136
Lumens Per Watt	118	108	107
Color Accuracy (CRI)	74	73	72

PORTO 42W

Color Temperature	5000K	4000K	3000K
Input Watts	43	43	43
Output Lumens	4833	4382	4316
Lumens Per Watt	112	103	101
Color Accuracy (CRI)	74	73	72

PORTO 55W

Color Temperature	5000K	4000K	3000K
Input Watts	59	57	58
Output Lumens	6085	5303	5234
Lumens Per Watt	103	93	91
Color Accuracy (CRI)	75	73	72

Ambient Temperature: Suitable for use in 40°C ambient temperatures.

Cold Weather Starting: The minimum starting temperature is -40°C.

Thermal Management: Superior thermal management with external Air-Flow fins

Housing: Die-cast aluminum and sheetmetal housing

Mounting: Die-cast aluminum backbox with (4) 1/2" conduit openings with plugs.

Hinged tether for easy installation and wiring. Also accommodates 1/2" or 3/4" NPS pendants (provided by others).

Lens: High-transmission and vandal-resistant polycarbonate frosted lens

Reflector: Specular polycarbonate

Gaskets: High-temperature silicone gaskets

Color Stability: LED color temperature is warranted to shift no more than 200K in CCT over a 5 year period.

Color Uniformity: RAB's range of CCT (Correlated Color Temperature) follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2011.

Finish: Our environmentally friendly polyester powder coatings are formulated for high-durability and long-lasting color, and contain no VOC or toxic heavy metals.

Green Technology: Mercury and UV free, and RoHS compliant. Polyester powder coat finish formulated without the use of VOC or toxic heavy metals.

IESNA LM-79 & LM-80 Testing: RAB LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80, and have received the Department of Energy "Lighting Facts" label.

California Title 24: PORTO models with integrated multi-level motion sensor comply with 2013 California Title 24 building and electrical codes as commercial indoor fixtures for corridors, stairwells, warehouses and covered parking garages.

Multi-level sensor specifications

UL: Suitable for wet locations as factory installed

IP Rating: IP66, protected against dust and water ingress

Power consumption: 1W

0-10V sinking current: 50mA

Adjustable high and low modes: High: 0-10V; Low: off, 0-9.8V

Adjustable time delay: Amount of time in high mode with no motion before switching to low mode: 5 min., 1 - 30 min.

Adjustable cut off delay: Time in which the fixture will remain on low mode with no motion before turning off and waiting for new motion to turn on: None, 1 - 60 min., 1 - 5 hrs.

Adjustable sensitivity: None, low, medium, maximum

Adjustable setpoint: None, 1 to 250 fc, auto

Adjustable ramp up and fade down times: 1 - 60 sec.

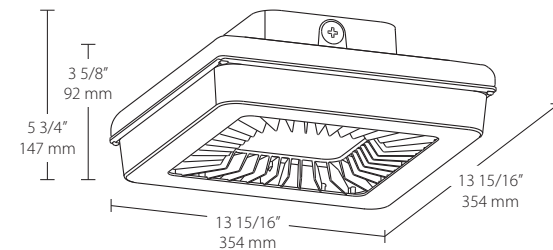
Operating temperature: -40°F to 167°F (-40°C to +75°C)

Operating Humidity: 5% to 95% noncondensing

Relay life rating: 200,000 cycles (120/277VAC), 50,000 cycles (230VAC)

Dimensions & weight

Weight: 10.6 lbs.



Everything an LED garage light should be.

High efficiency. Low maintenance. Multi-level lighting controls.



Ordering information

Product Family	Wattage	Color Temperature	Finish	Driver Options	Photocell Options
PRT	30 30W 42 42W 55 55W	Blank 5000K N 4000K Y 3000K	Blank Bronze W White	Blank 120-277V On/Off /480 480V On/Off /D10 120-277V with 0-10V Dimming /480/D10 480V with 0-10V Dimming	/WS Multi-Level Motion Sensor* /PCS 120V Swivel /PCS2 277V Swivel /PCS4 480V Swivel

*Only available for 120-277V with 0-10V dimming driver.



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PORTO

- Integrated photo/motion sensor control available
- Replace up to 175W MH
- Ultra-high efficiency up to 118 lm/W
- Pendant and surface mount
- Low glare, vandal-resistant polycarbonate lens
- 20% uplight eliminates "cave effect"
- Three power packages available 30, 42 and 55W



Integrated photo/motion sensor control

- High/low modes: 10V / 1V
- Time delay dims light 5 minutes after detecting motion
- Cutoff turns fixture off after 1 hour of vacancy
- Detection pattern: 360° and 48' wide
- IP66 rated



Adjust settings using handheld wireless configuration tool (Order using catalog #WSREM)

- High/low modes fully adjustable from 0 to 10V
- Time delay dims light 30 seconds to 30 minutes after detecting motion
- Optional cutoff delay turns fixture off after a preset period of vacancy
- Configure control settings to react to ambient light levels
- Ramp up and fade down times can be customized



Hinged tether frees hands for easy wiring & quick installation.



One model accommodates 1/2" or 3/4" NPS pendant, or surface mount (*pendant by others*).

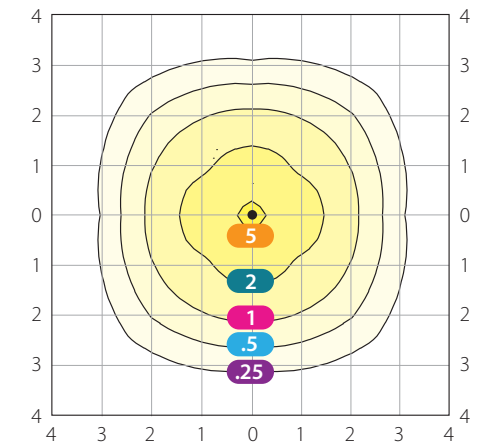


Delivers 20% uplight, eliminating the 'cave effect' that results when ceilings remain darkened.

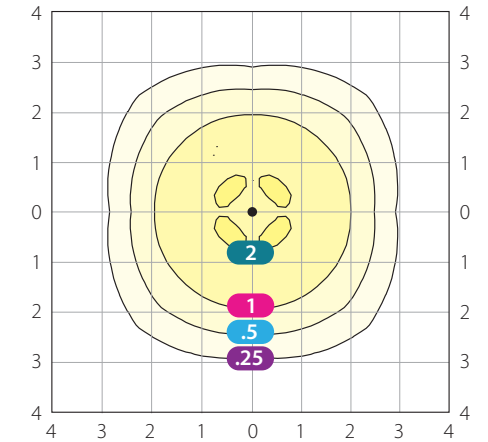


Photometrics

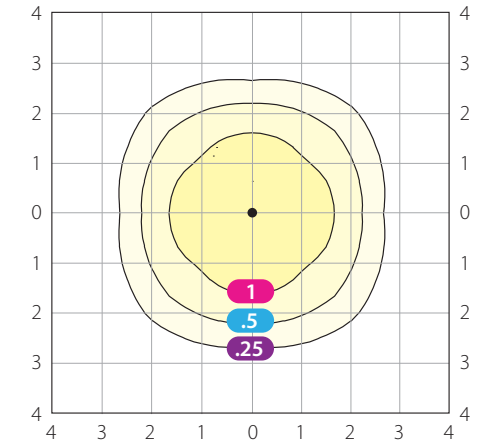
PORTO 55W
10' Mounting Height
5000K
Photometric Report
#RAB00765



PORTO 42W
10' Mounting Height
5000K
Photometric Report
#RAB00773



PORTO 30W
10' Mounting Height
5000K
Photometric Report
#RAB00790



Mounting Height	8	9	10	11	12
Multiplier	1.6	1.2	1.0	0.8	0.7

Grid scales: Multiples of mounting height
Values shown in footcandles

Photo/motion sensor detection coverage

