Everything an LED garage light should be. And more.

PORTO™ now available in 3 high-output versions.
PORTO

- Integrated photo/motion sensor control available
- Replace up to 250W MH
- Ultra-high efficiency up to 118 lm/W
- Available in 2 sizes and 5 wattages: 30, 42, 55, 70, 80 and 105W
- Pendant and surface mount
- Low glare, vandal-resistant polycarbonate lens
- 20% uplight eliminates “cave effect”

18” PORTOs with higher wattages can be used where higher ceilings exist (over ramps) while 14” PORTOs are suitable for standard 8-10’ ceilings.
Photometrics

**14” PORTO**

**PORTO 30W**
10’ Mounting Height
5000K
Photometric Report
#RA800790

**PORTO 42W**
10’ Mounting Height
5000K
Photometric Report
#RA800773

**PORTO 55W**
10’ Mounting Height
5000K
Photometric Report
#RA800785

**18” PORTO**

**PORTO 70W**
16’ Mounting Height
5000K
Photometric Report
#RA800992

**PORTO 80W**
18’ Mounting Height
5000K
Photometric Report
#RA800998

**PORTO 105W**
22’ Mounting Height
5000K
Photometric Report
#RA800991

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Mounting Height
Multiplier

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Grid scales: Multiples of mounting height
Values shown in footcandles

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Grid scales: Multiples of mounting height
Values shown in footcandles
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, surge protection 4kV, THD ≤20%, pf 99%
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, surge protection 4kV, THD ≤20%, pf 99%
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, surge protection 4kV, THD ≤20%, pf 99%
70W: Constant current, Class 2, 100 - 277V and 480V, 50/60 Hz, 120V: 0.59A, 208V: 0.37A, 240V: 0.32A, 277V: 0.27A, 480V: 0.15A, surge protection 4kV, THD ≤20%, pf 90%
80W: Constant current, Class 2, 100 - 277V and 480V, 50/60 Hz, 120V: 0.68A, 208V: 0.42A, 240V: 0.36A, 277V: 0.31A, 480V: 0.23A, surge protection 4kV, THD ≤20%, pf 90%
105W: Constant current, Class 2, 100 - 277V and 480V, 50/60 Hz, 120V: 0.87A, 208V: 0.52A, 240V: 0.45A, 277V: 0.38A, 480V: 0.23A, surge protection 4kV, THD ≤20%, pf 90%

14” PORTO 30W
Color Temperature | 5000K | 4000K | 3000K
Input Watts | 29 | 29 | 29
Output Lumens | 3,455 | 3,151 | 3,136
Lumens Per Watt | 118 | 108 | 107
Color Accuracy (CRI) | 74 | 73 | 72

14” PORTO 42W
Color Temperature | 5000K | 4000K | 3000K
Input Watts | 43 | 43 | 43
Output Lumens | 4,833 | 4,382 | 4,316
Lumens Per Watt | 112 | 103 | 101
Color Accuracy (CRI) | 74 | 73 | 72

14” PORTO 55W
Color Temperature | 5000K | 4000K | 3000K
Input Watts | 59 | 57 | 58
Output Lumens | 6,085 | 5,303 | 5,234
Lumens Per Watt | 103 | 93 | 91
Color Accuracy (CRI) | 75 | 73 | 72

18” PORTO 70W
Color Temperature | 5000K | 4000K | 3000K
Input Watts | 71 | 70 | 71
Output Lumens | 7,835 | 7,715 | 7,642
Lumens Per Watt | 111 | 110 | 108
Color Accuracy (CRI) | 74 | 73 | 71

18” PORTO 80W
Color Temperature | 5000K | 4000K | 3000K
Input Watts | 82 | 80 | 81
Output Lumens | 8,754 | 8,479 | 8,384
Lumens Per Watt | 107 | 106 | 104
Color Accuracy (CRI) | 74 | 73 | 71

18” PORTO 105W
Color Temperature | 5000K | 4000K | 3000K
Input Watts | 104 | 104 | 103
Output Lumens | 10,208 | 10,162 | 9,950
Lumens Per Watt | 98 | 98 | 96
Color Accuracy (CRI) | 74 | 73 | 71

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 warrantied to shift no more than 200K in CCT over a 5+ year period.
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 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: 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: 20% to 90% noncondensing
Relay life rating: 200,000 cycles (120/277VAC), 50,000 cycles (230VAC)
Photo/motion sensor detection coverage

SENSOR FOR 14” PORTO

Dimensions & weight

Weight: 10.6 lbs.

Weight: 19.6 lbs.

Ordering information

<table>
<thead>
<tr>
<th>Product Family</th>
<th>Wattage</th>
<th>Color Temperature</th>
<th>Finish</th>
<th>Driver Options</th>
<th>Sensor Options</th>
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<td>105</td>
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<td>480V with 0-10V Dimming</td>
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*Only available for 120-277V with 0-10V dimming driver.
Hinged tether frees hands for easy wiring & quick installation.

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:
  For 14" PORTO - 360° and 48' diameter at 8' mounting height
  For 18" PORTO - 360° and 40' diameter at 20' mounting height

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

Adjust settings using handheld wireless configuration tool
(Order using catalog #WSREM)
- High/low modes fully adjustable from 0 to 10V
- Time delay can be set to dim lights 30 seconds to 30 minutes after motion is no longer detected
- 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

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