

Everything an LED garage light should be. And more.

PORTO™ now available in 3 high-output versions.



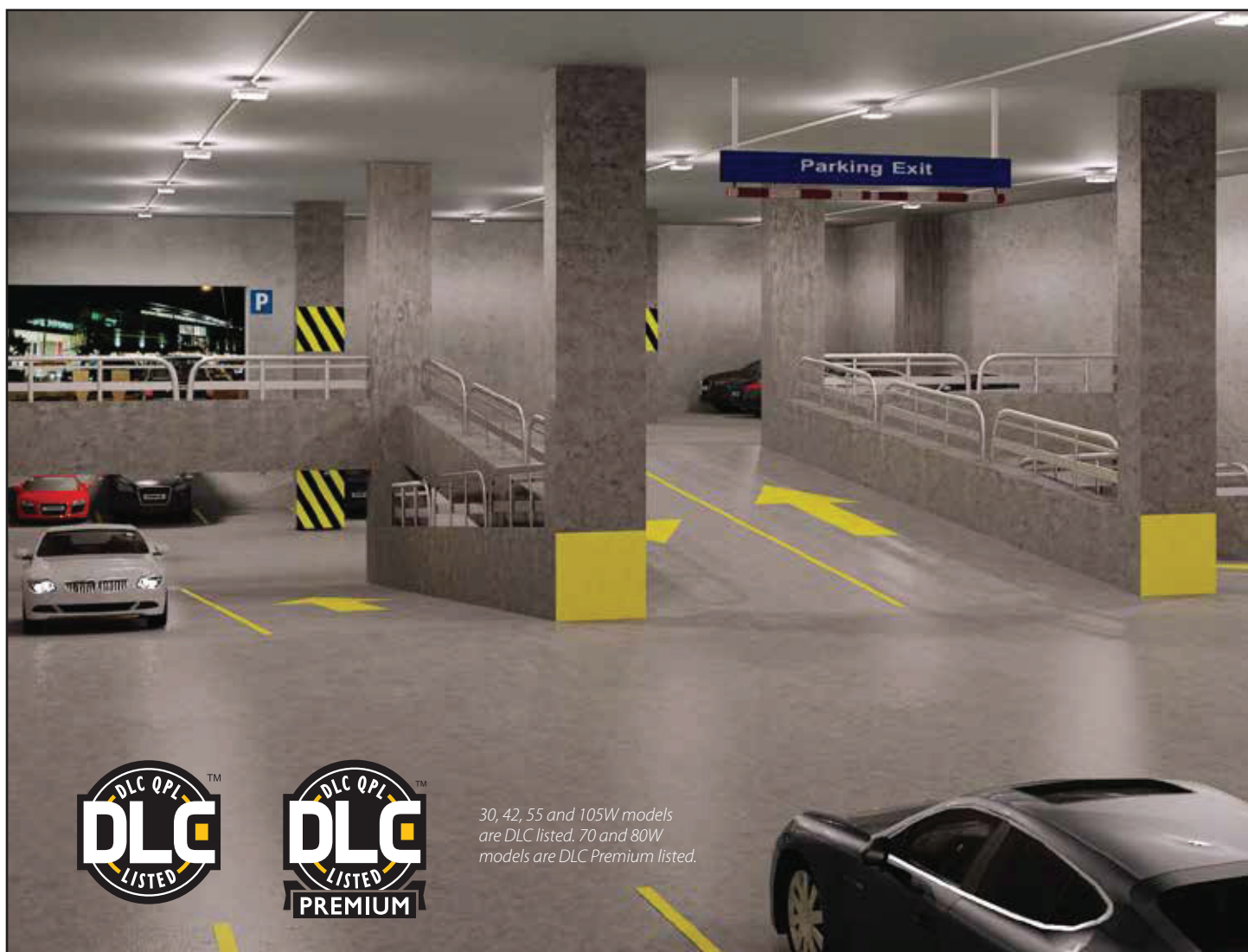
RAB[®]
LIGHTING
RABLIGHTING.COM 888 722-1000

PORTO

- Integrated photo/motion sensor control available
- Replaces up to 400W 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”



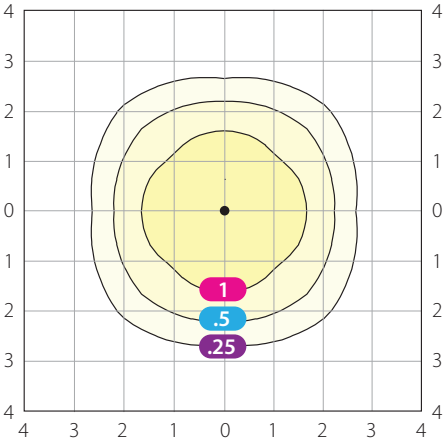
IP66
RATING



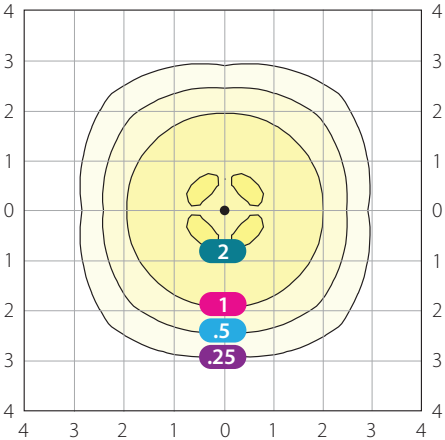
18" PORTOs with higher wattages can be used where higher ceilings exist (over ramps) while 14" PORTOs are suitable for standard 8-10' ceilings.

14" PORTO

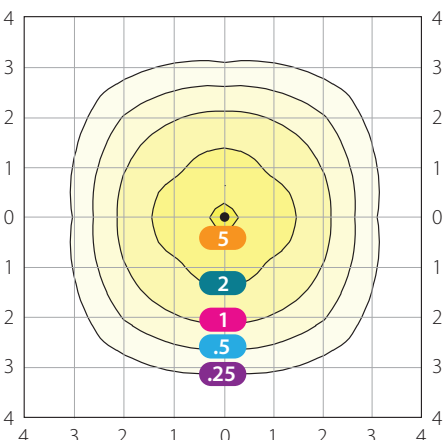
PORTO 30W
10' Mounting Height
5000K
Photometric Report
#RAB00790



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



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

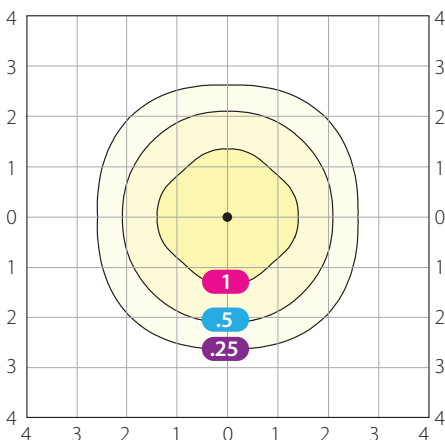


Mounting Height	8	9	10	11	12
Multiplier	1.6	1.2	1.0	0.8	0.7

Grid scales: Multiples of mounting height
Values shown in footcandles

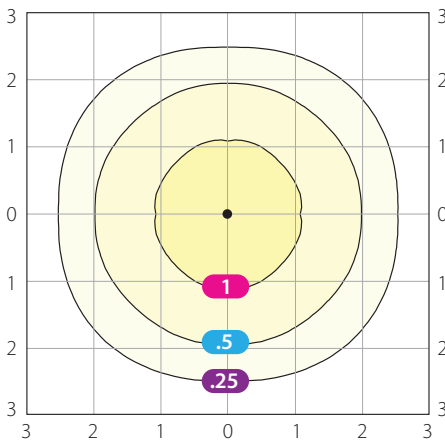
18" PORTO

PORTO 70W
16' Mounting Height
5000K
Photometric Report
#RAB00992



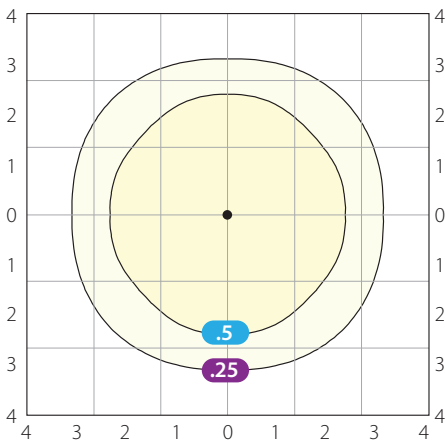
Mounting Height	14	16	18	20	22
Multiplier	1.3	1.0	0.8	0.6	0.5

PORTO 80W
18' Mounting Height
5000K
Photometric Report
#RAB00998



Mounting Height	14	16	18	20	22
Multiplier	1.7	1.3	1.0	0.8	0.7

PORTO 105W
22' Mounting Height
5000K
Photometric Report
#RAB00991



Mounting Height	14	16	18	20	22
Multiplier	2.5	1.9	1.5	1.2	1.0

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 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 C78.377-2015.

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.

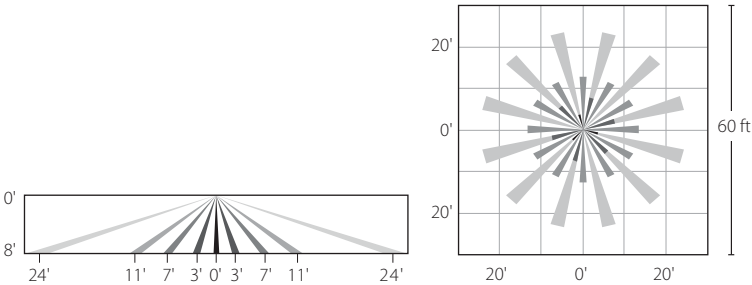
Operating temperature: -40°F to 167°F (-40°C to 75°C)

Operating Humidity: 20% to 90% noncondensing

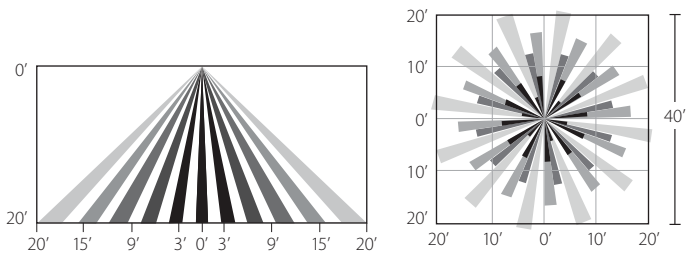
Relay life rating: 200,000 cycles (120/277VAC), 50,000 cycles (230VAC)

Photo/motion sensor detection coverage

SENSOR FOR 14" PORTO

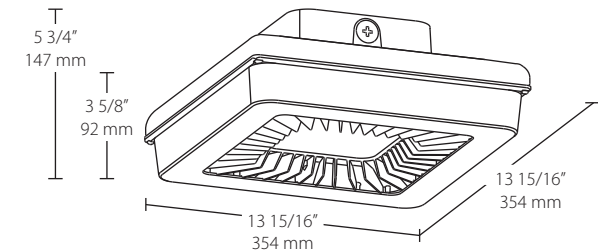


SENSOR FOR 18" PORTO

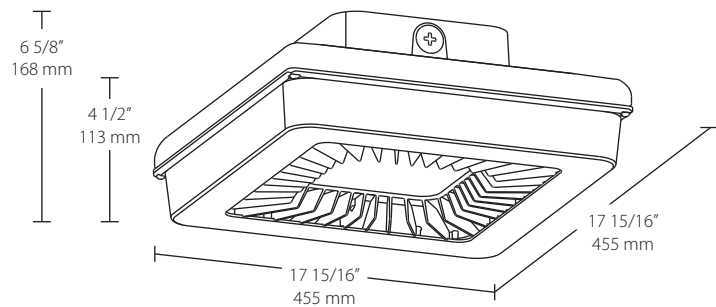


Dimensions & weight

Weight: 10.6 lbs.



Weight: 19.6 lbs.



Ordering information

Product Family	Wattage	Color Temperature	Finish	Driver Options	Sensor Options
PRT					
	30 30W (14" x 14")	Blank 5000K	Blank Bronze	Blank 120-277V, 0-10V Dimming	/WS Multi-Level Motion Sensor for 14" *
	42 42W (14" x 14")	N 4000K	W White	/480 480V, 0-10V Dimming	/WS2 Multi-Level Motion Sensor for 18" *
	55 55W (14" x 14")	Y 3000K		/E2 120-277V Battery Backup	/PCS 120V Swivel Photocell
	70 70W (18" x 18")				/PCS2 277V Swivel Photocell
	80 80W (18" x 18")				/PCS4 480V Swivel Photocell
	105 105W (18" x 18")				/LC Lightcloud Controller
					/LCS Lightcloud Sensor

*Only available for 120-277V



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.



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



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