

OTTER Field-Adjustable, Linear Washdown



OTTER2



OTTER4



OTTER8



PROJECT: _____

DATE: _____

TYPE: _____

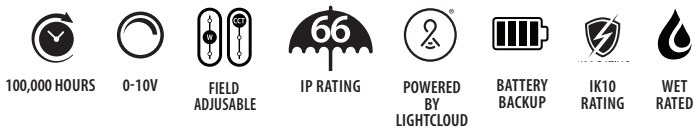
PREPARED BY: _____



KEY FEATURES

- Available in three sizes with selectable wattages:
OTTER2 (2 ft): 25/20/15W, factory default 25W
OTTER4 (4 ft): 50/40/30W, factory default 50W
OTTER8 (8 ft): 90/75/60W, factory default 90W
- Field-adjustable CCT: 3500/4000/5000K, factory default 4000K
- 120-277V, 0-10V dimming
- Available with smart controls. Multi-sensor remote sold separately.
- Battery backup option available
- Surface-mount brackets and v-hooks are standard. Angled brackets & junction box brackets accessories sold separately.
- UL Listed for wet locations
- IP66 rated, and IK10 rated
- 5-Year, limited warranty

Power and CCT-Adjustable Washdown



PERFORMANCE

OTTER2	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	25W			20W			15W		
INPUT WATTS	25.0W	24.4W	25.1W	19.8W	19.3W	19.7W	14.7W	14.4W	14.7W
LUMENS	3,502	3,597	3,554	2,825	2,905	2,883	2,154	2,204	2,202
EFFICACY (LM/W)	140.1	147.4	141.6	142.7	150.5	146.3	146.5	153.1	149.8
CRI	84	86	85	85	86	85	85	86	85
VOLTAGE RATINGS	120-277V								

OTTER4	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	50W			40W			30W		
INPUT WATTS	49.7W	47.5W	49.0W	39.1W	38.3W	39.3W	29.6W	29.1W	29.7W
LUMENS	7,036	7,097	7,065	5,601	5,834	5,835	4,334	4,473	4,515
EFFICACY (LM/W)	141.5	149.4	144.2	143.2	152.3	148.5	146.4	153.7	152.0
CRI	83	85	84	84	85	84	84	85	84
VOLTAGE RATINGS	120-277V								

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PERFORMANCE (CONTINUE)

OTTER8	3500K	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K
WATTAGE	90W			75W			60W		
INPUT WATTS	89.5W	86.4W	89.0W	74.2W	72.0W	74.6W	58.2W	57.0W	58.2W
LUMENS	12,683	12,755	12,722	10,294	10,752	10,786	8,299	8,584	8,661
EFFICACY (LM/W)	141.7	147.6	142.9	138.7	149.3	144.6	142.6	150.6	148.8
CRI	83	85	84	84	85	84	84	85	84
VOLTAGE RATINGS	120-277V								

TECHNICAL SPECIFICATIONS

LED CHARACTERISTICS

LEDs
Long-life, high-efficacy, discrete, surface-mount LEDs

Color Uniformity
RAB's range of Correlated Color Temperature follows the guidelines of the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

COMPLIANCE

UL Listed
Suitable for wet locations

UL94
5VA: burning stops within 60 seconds on a vertical specimen; no drips allowed; plaque specimens may not have a burn-through (no hole).

UL 746C F1 Rated
Built with UL 746C F1 rated polymeric materials certified for long-term outdoor exposure. Engineered to withstand prolonged UV exposure, moisture, and harsh weather conditions while maintaining mechanical strength, impact resistance, and flammability performance for lasting durability in demanding outdoor environments.

IK Ratings
IK10 rated for protection against impact

IESNA LM-79 & LM-80 Testing
RAB LED luminaires and LED components have been tested by an independent laboratory in accordance with IESNA LM-79 and LM-80

DLC Listed
This product family is listed with the DesignLights Consortium (DLC). Individual SKUs within this family may carry either a DLC Standard or DLC Premium qualification. Please refer to the individual product specification sheet or the DLC Qualified Products List (QPL) at designlights.org to confirm the qualification status of a specific SKU prior to specification or purchase.

Trade Agreements Act Compliant:
This product is a product of Cambodia and a "designated country" end product that complies with the Trade Agreements Act

CONSTRUCTION

Cold Weather Starting
The minimum starting temperature is -40°F (-40°C)

Cold Weather Starting With Battery Backup
The minimum starting temperature is 32°F (0°C)

Maximum Ambient Temperature
The minimum starting temperature is 113°F (45°C)

Maximum Ambient Temperature With Battery Backup
The minimum starting temperature is 113°F (45°C)

Mounting
Stainless steel, surface-mount brackets and v-hooks are standard. Angled brackets & junction box brackets accessories sold separately.

Housing
Plastic

Lens
Frosted Polycarbonate

Gasket
Silicone

Finish
Textured finish, formulated for high durability and long-lasting color

IP Ratings
Ingress Protection rating of IP66 for dust and water

Green Technology
Mercury and UV free. RoHs-compliant components.

FACTORY DEFAULT

Selectable Wattages
OTTER2 (2 ft): 25/20/15W, factory default 25W
OTTER4 (4 ft): 50/40/30W, factory default 50W
OTTER8 (8 ft): 90/75/60W, factory default 90W
Selectable Color Temperature: 3500/4000/5000K, factory default 4000K

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TECHNICAL SPECIFICATIONS (CONTINUED)

ELECTRICAL

Drivers

Class 2, 120-277V, 50/60 Hz,
OTTER2: 25W: 120V: 0.23A, 208V: 0.13A, 240V: 0.12A, 277V: 0.10A
OTTER2: 20W: 120V: 0.19A, 208V: 0.11A, 240V: 0.09A, 277V: 0.08A
OTTER2: 15W: 120V: 0.14A, 208V: 0.08A, 240V: 0.07A, 277V: 0.06A

OTTER4: 50W: 120V: 0.46A, 208V: 0.27A, 240V: 0.23A, 277V: 0.20A
OTTER4: 40W: 120V: 0.37A, 208V: 0.21A, 240V: 0.19A, 277V: 0.16A
OTTER4: 30W: 120V: 0.28A, 208V: 0.16A, 240V: 0.14A, 277V: 0.12A

OTTER8: 90W: 120V: 0.83A, 208V: 0.48A, 240V: 0.42A, 277V: 0.36A
OTTER8: 75W: 120V: 0.69A, 208V: 0.40A, 240V: 0.35A, 277V: 0.30A
OTTER8: 60W: 120V: 0.56A, 208V: 0.32A, 240V: 0.28A, 277V: 0.24A

Dimming Driver

Driver includes dimming control wiring for 0-10V dimming systems.
Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD / Power Factor

MODEL# @ 4000K	THD	PF	THD	PF
	120V		277V	
OTTER2 @25W	4.3%	99.6%	8.7%	94.6%
OTTER4 @50W	5.0%	99.7%	6.4%	95.1%
OTTER8 @90W	5.3%	99.7%	4.8%	97.3%

Surge Protection

2.5kV

Battery Backup

Powers the fixture for a minimum of 90 minutes in the event of a power failure

Light Loss Factor

MODEL#	WATTAGE	LIGHT LOSS FACTOR
OTTER2	25W	10%
	20W	12%
	15W	16%
	50W	17%
OTTER4	40W	21%
	30W	28%
	90W	9%
OTTER8	75W	11%
	60W	13%

OCCUPANCY SENSORS

Sensor Type: Passive Infrared (PIR) or Microwave (MVS)

Input Voltage: 12VDC

Input Current: 30mA

Operating Temperature: -40°F to 140°F (-20°C to 60°C)

Max Mounting Height: PIR20(PIR), PIR20 LCB(LCBS) and HD015VCO(MVS), HD015VCO+LCBAUX (MVS/LCBS), PIR and LCBS mounting height 6m/19ft Max. Detection Distance $\geq$ 3m/9ft. MVS and LCBS/MVS mounting height: 6m/19.68ft Max. Detection Distance 3-7m/9.84-22.96ft.

Daylight Sensing: The sensor will determine to trigger the light(s) on or not based on the daylight threshold level set.

Default Settings:

Motion Sensitivity: High

Brightness when triggered : 100%

Hold time: 20 minutes

Standby to dim: 20%

Standby time: 1 minute

When vacant: Off

Daylight: Disabled

Adjustable Settings: Settings for Lightcloud Blue-enabled sensors can be adjusted using the mobile app. All other sensors will require MSR1 Remote (sold separately) to adjust the following sensor settings:

Standby to dim: 10%/20%/30%/50%

Standby time: 0s/10s/30s/1min/5min/10min/30min/60min/+ ∞

Daylight Threshold: 2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

OTHER

Warranty

The RAB 5-year, limited warranty covers light output, driver performance and paint finish. RAB's warranty is subject to all terms and conditions found at rablighting.com/warranty.

Lifespan

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

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WIRELESS NETWORK LIGHTING CONTROLS

Lightcloud products offer integrated network lighting control for a truly wireless solution that allows you to manage RAB's various compatible devices. With RAB's patented Rapid Provisioning technology, devices can be quickly and easily commissioned for residential and commercial applications. Each device can communicate with other devices in the mesh network. With two Lightcloud systems to choose from, it's easy to implement controls anywhere.

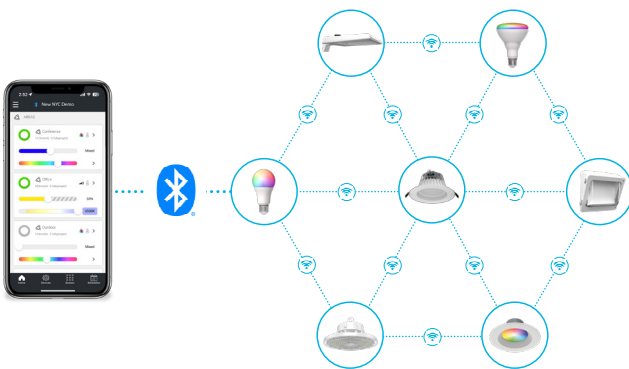


Learn more about Lightcloud wireless networked lighting controls.

Design Lights Consortium Network Lighting Controls:

- Interior Applications: N1XMLOEATB
- Exterior Applications: NHCZ2BIA17L

Lightcloud®



- Utilizes Bluetooth Mesh, eliminating the need for a Gateway or Hub
- Ideal for applications that need basic wireless control such as ON/OFF, dimming, color tuning, Schedules, and SmartShift
- Download the Lightcloud Blue mobile app for iOS or Android devices
- Add the XDIM/BRIDGE/LCB and LCGATEWAY to adopt premium Lightcloud Enterprise features

SIMPLE SETUP

1

Download the app.



2

Connect product to power.



3

Pair product to app.



4

Enjoy!



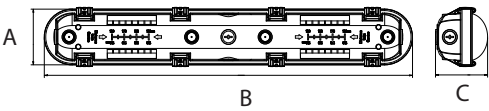
Learn more about [Lightcloud Blue](#). Visit the [Lightcloud Blue Resources](#) page for more information on how to use the system.

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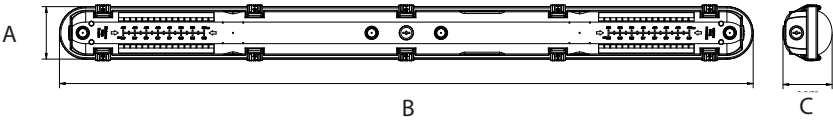


DIMENSIONS

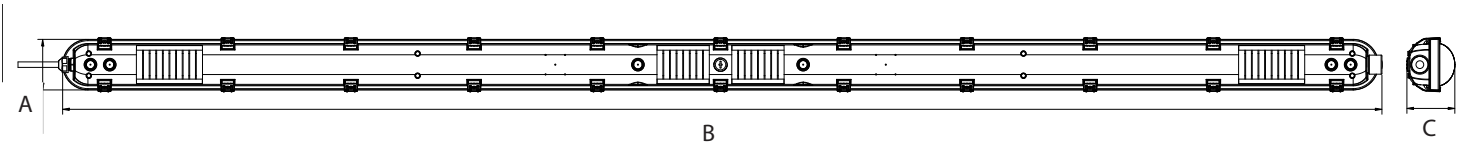
OTTER2



OTTER4



OTTER8



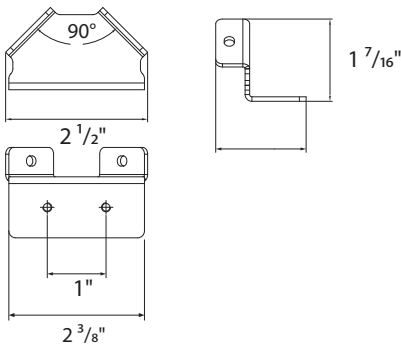
MODEL	A	B	C	Weight	Weight w/Battery backup	Weight w/PIR Sensor	Weight w/MVS Sensor
OTTER2	3 5/16"	23 5/8"	3 3/8"	2.82 lbs	3.25 lbs	2.94 lbs	2.90 lbs
OTTER4	3 5/16"	47 1/4"	3 3/8"	4.64 lbs	5.71 lbs	4.77 lbs	4.70 lbs
OTTER8	3 5/8"	94 1/16"	3 7/16"	10.1 lbs	11.20 lbs	10.21 lbs	10.19 lbs

ANGOTTER / ANGOTTER8

Single piece image

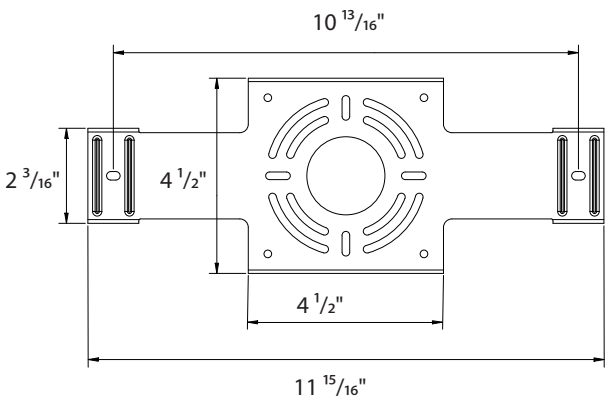
ANGOTTER: 2 pcs

ANGOTTER8: 3 pcs

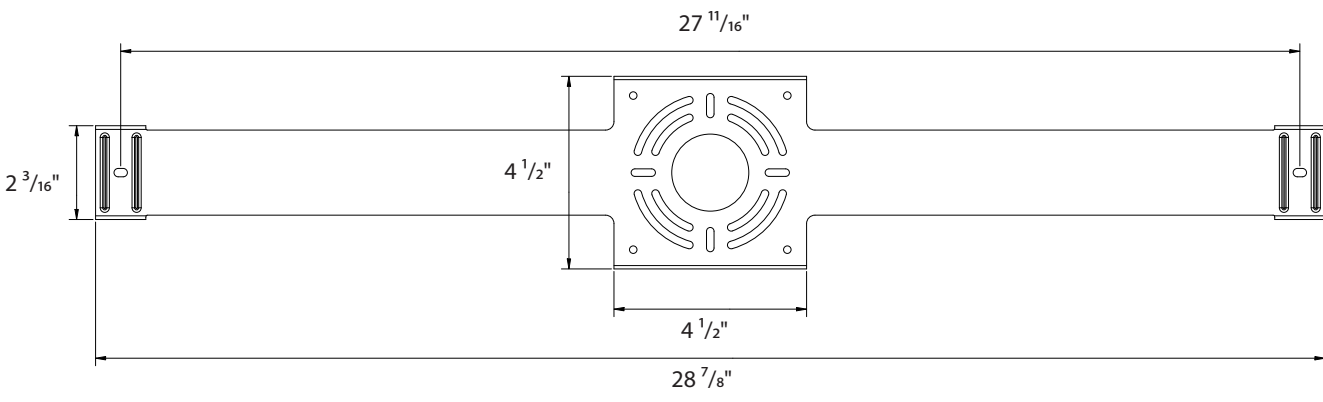


DIMENSIONS

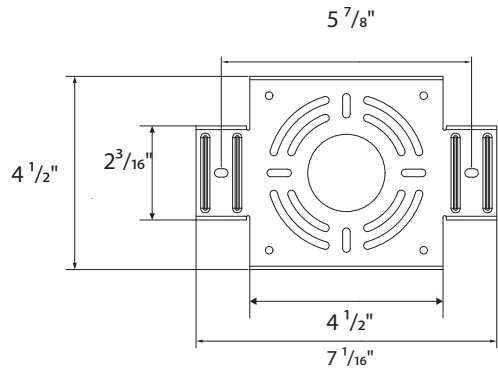
JBOTTER2



JBOTTER4



JBOTTER8



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ACCESSORIES

Image	SKU#	UPC	DESCRIPTION
	ANGOTTER	192552061483	ANGLED BRACKET OTTER2&4 2PCS
	ANGOTTER8	192552061490	ANGLED BRACKET OTTER8 3PCS
	JBOTTER2	192552061506	JUNCTION BOX BRACKET 2FT OTTER
	JBOTTER4	192552061513	JUNCTION BOX BRACKET 4FT OTTER
	JBOTTER8	192552061520	JUNCTION BOX BRACKET 8FT OTTER
	MSR1	192552026055	MULTI-SENSOR REMOTE CONTROL IP20

ORDERING MATRIX

OTTER Field-Adjustable Linear Washdown Light

Family	Size/Wattages		Mounting		Color Temperature		Finish		Driver		Controls		Battery Backup	
OTTER														
2	2 ft, 25/20/15W	BLANK	Surface Mount Metal Bracket and V- Hooks	BLANK	Adjustable CCT	BLANK	Gray	BLANK	120-277V, 0-10V Dimming	BLANK	None	BLANK	None	
4	4 ft, 50/40/30W													
8	8 ft, 90/75/60W													
												/PIR	Passive Infrared	
												Sensor		
												/LCBS	Lightcloud Blue	
													PIR Sensor	
												/LCBS/MVS	Lightcloud Blue	
													MVS Sensor	