



RATIO

RATIO WALL Outdoor Luminaire



RATIO Wall and Family

Beacon's Ratio family has been expanded to include two new wall products in addition to the existing three area luminaires and four flood luminaires. The expansive Ratio family contains a variety of outputs allowing you to customize your lighting design to meet application requirements.

With a new spin on a classic rectilinear form, Ratio Wall brings a traditional luminaire aesthetic into the next generation of wall packs from Beacon. Ratio Wall features a dense optical array which provides reduced pixelation and increased visual comfort without compromising performance. It is designed for sustained, long-term performance with advanced thermal management, an elegantly simple heat sink and industry leading surge protection.

WALL



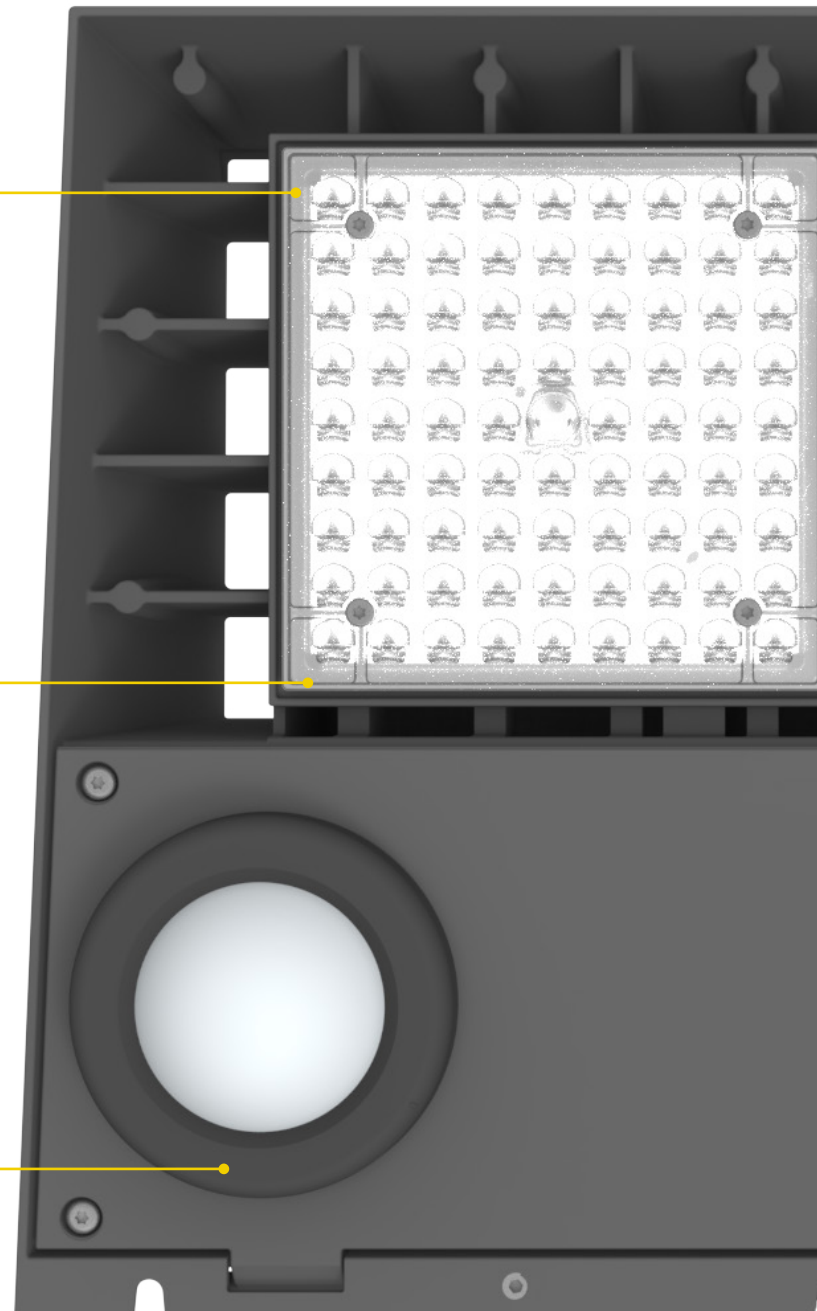
Flood

AREA/SITE

Size	RWL1	RWL2
Lumens	1,000–5,000	6,000–19,500
Watts	10–45	45–155
LPW	136	148
CCT	3K, 4K, 5K	3K, 4K, 5K
Distributions	III, IV	II, III, IV
IP Rating	IP65	IP65
Legacy Equivalence	42W–175W	175W–400W

RATIO wall

The Ratio Wall takes the contemporary form introduced with the Ratio Area and Ratio Flood products and adapts it into a complementary wall form. This versatile luminaire blends sleek lines and low glare optics with superior performance and a plethora of controls and emergency options. In addition to the standard product, a back box accessory as well as an integral back box option allow added versatility for mounting flexibility and added space for more options.



Ratio's unique optical design combines visual uniformity with the precise distribution of the Micro Strike Optics

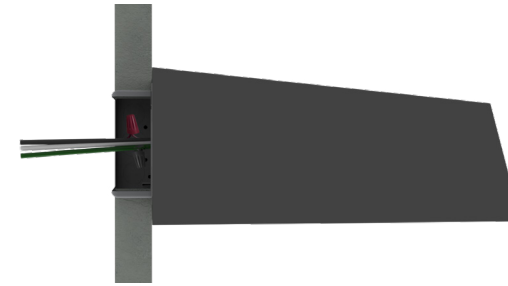
This outstanding optic control simplifies layouts and installations, energy consumption, lowers installation costs and improves visual acuity

Several integral controls and battery options are offered in the standard housing without needing the addition of the integral back box

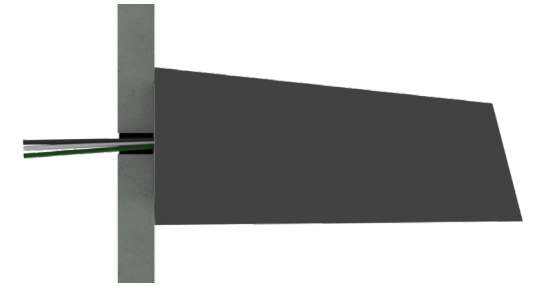
Installation

Ratio Wall was designed with mounting flexibility in mind. Between the standard housing, the back box accessory, and the integral back box this luminaire makes installation easy.

Standard Fixture

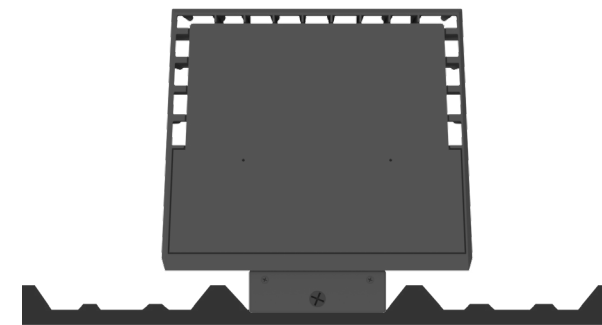


Wiring connections made in junction box

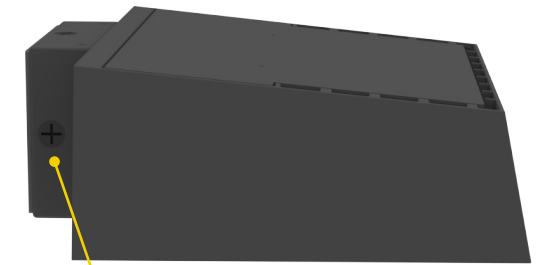


Wiring connection made in fixture

Back Box Accessory

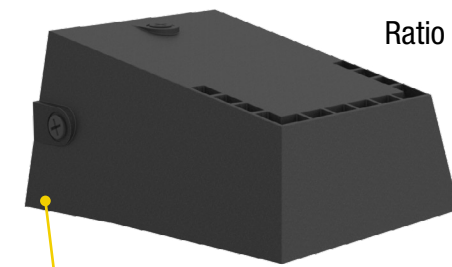


Allows fixture to mount to corrugated surfaces

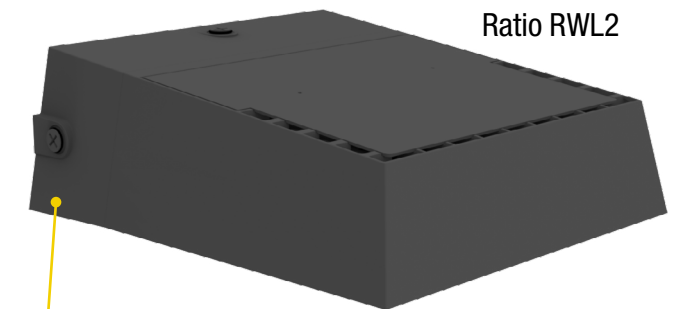


Provides four locations for conduit entry

Integral Back Box



Ratio RWL1



Ratio RWL2

Integral back box provides a smooth transition to the standard housing and provides four locations for conduit entry. This option is required for some control and battery options

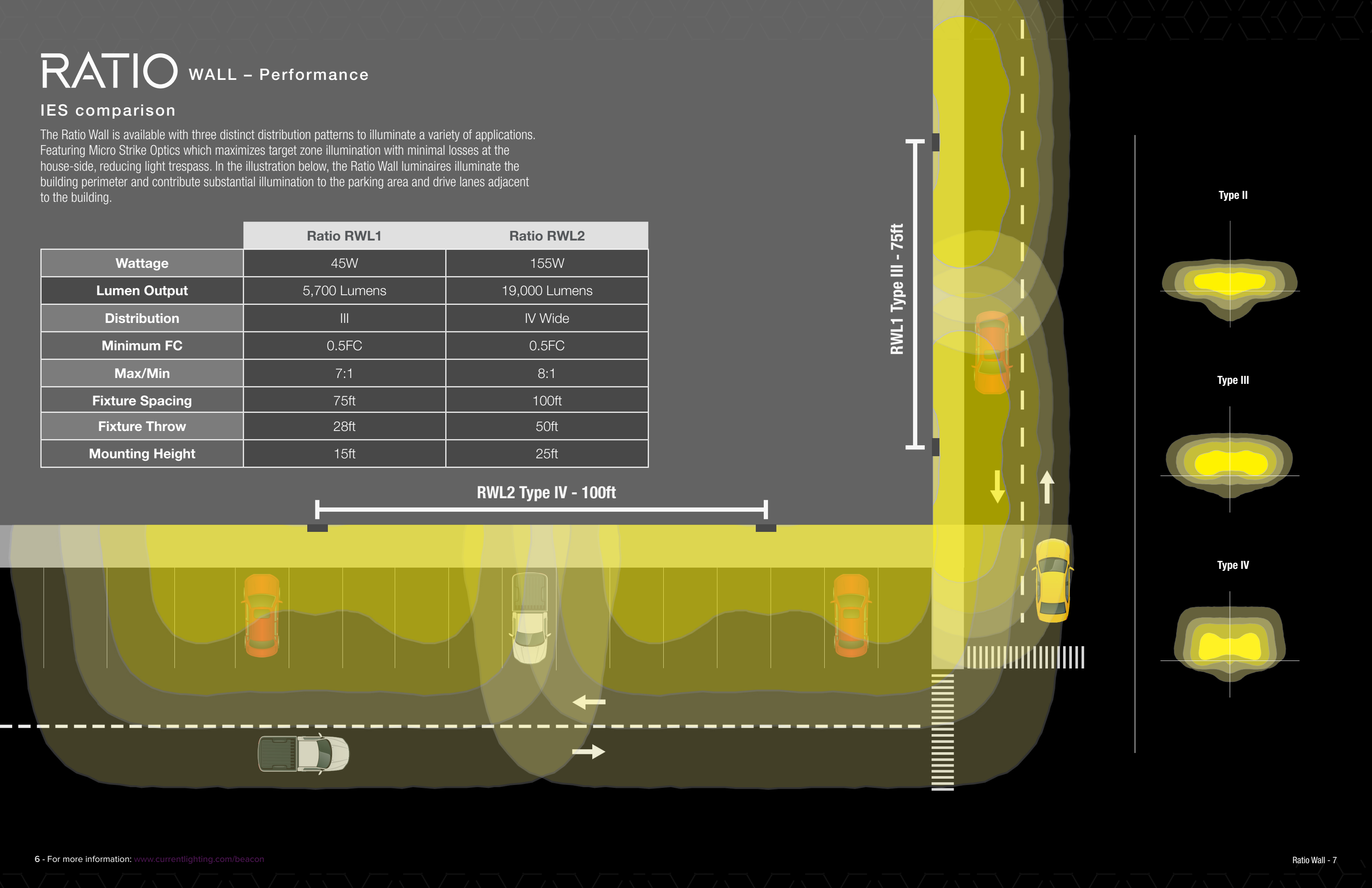
*See ordering information pages 10-11

RATIO WALL – Performance

IES comparison

The Ratio Wall is available with three distinct distribution patterns to illuminate a variety of applications. Featuring Micro Strike Optics which maximizes target zone illumination with minimal losses at the house-side, reducing light trespass. In the illustration below, the Ratio Wall luminaires illuminate the building perimeter and contribute substantial illumination to the parking area and drive lanes adjacent to the building.

	Ratio RWL1	Ratio RWL2
Wattage	45W	155W
Lumen Output	5,700 Lumens	19,000 Lumens
Distribution	III	IV Wide
Minimum FC	0.5FC	0.5FC
Max/Min	7:1	8:1
Fixture Spacing	75ft	100ft
Fixture Throw	28ft	50ft
Mounting Height	15ft	25ft



RATIO INTEGRATED CONTROLS

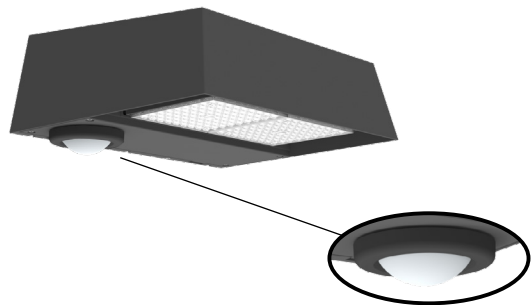
The control solutions outlined below help save energy, extend luminaire life and allow customizable solutions. Sensors control light output based on area utilization and are used for energy savings and local code compliance.



STANDALONE CONTROLS functionality

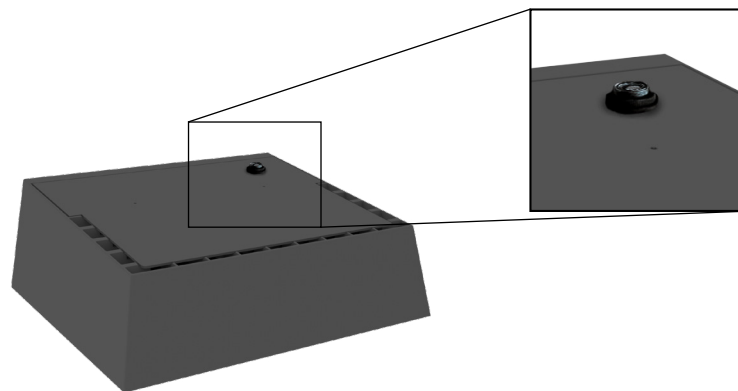
Occupancy Sensor

- Individual fixture control
- Dims product when space is not occupied



Photocontrol

- Individual fixture control
- Turns fixture on when sun sets

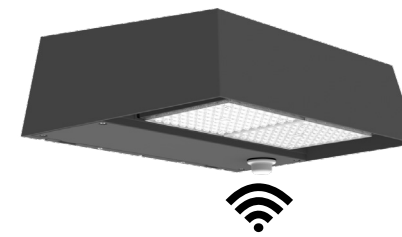


Integrated CONTROLS



NX Lighting Controls platform delivers a lighting control solution capable of seamlessly connecting exterior and interior applications.

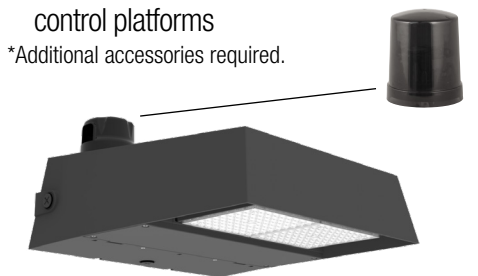
- Standalone or networked fixture control
- Astronomical time schedules
- BACnet building networking
- Connects with indoor wired, wireless or hybrid networks
- Wireless setup via NX Lighting Controls mobile app
- Occupancy Sensor option dims product when space is not occupied



7-Pin Receptacle

- Compatible with 3-pin, 5-pin or 7-pin photocontrols
- Turns fixture on when sun sets, off when sun rises
- Wireless networked solution
- For use with a variety of control platforms

*Additional accessories required.



RATIO Wall Ordering information

STOCK ORDERING EXAMPLE: RWL-48L-25-4K-3

CATALOG DESCRIPTION	LUMENS	WATTAGE	LED COUNT	CCT/CRI	VOLTAGE	DISTRIBUTION	FINISH
RWL-48L-25-4K-3	3500lm	25	48L	4000K/70CRI	120-277V	Type III	Dark Bronze Textured
RWL-48L-25-4K-4W	3500lm	25	48L	4000K/70CRI	120-277V	Type IV Wide	Dark Bronze Textured
RWL-48L-45-4K-3	5500lm	45	48L	4000K/70CRI	120-277V	Type III	Dark Bronze Textured
RWL-48L-45-4K-4W	5500lm	45	48L	4000K/70CRI	120-277V	Type IV Wide	Dark Bronze Textured

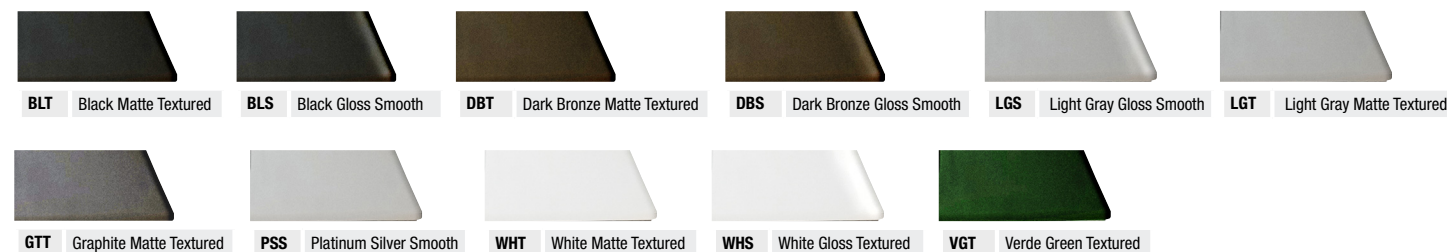
ORDERING INFORMATION ORDERING EXAMPLE: RWL1-48L-10-3K7-3-UNV-BLT-E

Series	# LEDs - Wattage	CCT/CRI	Distribution	Voltage	Color
RWL1 Ratio Wall 1	48L-10 1,000 Lumens ⁴	3K7 3000K, 70 CRI	2 IES TYPE II ¹	UNV 120-277V	BLT Black Matte Textured
	48L-15 2,000 Lumens ⁴	4K7 4000K, 70 CRI	3 IES TYPE III	120 120V	BLS Black Gloss Smooth
	48L-20 2,500 Lumens ⁴	5K7 5000K, 70 CRI	4W IES TYPE IV	208 208V	DBT Dark Bronze Matte Textured
	48L-25 3,500 Lumens ⁴			240 240V	DBS Dark Bronze Gloss Smooth
	48L-35 4,500 Lumens			277 277V	GTT Graphite Matte Textured
RWL2 Ratio Wall 2	48L-45 5,500 Lumens			347 347V	LGS Light Grey Gloss Smooth
	160L-45 6,500 Lumens			480 480V	LGT Light Grey Matte Textured
	160L-50 7,500 Lumens				PSS Platinum Silver Smooth
	160L-65 9,500 Lumens				WHT White Matte Textured
	160L-80 11,000 Lumens				WHS White Gloss Smooth
	160L-95 13,000 Lumens				VGT Verde Green Textured
	160L-115 15,000 Lumens				Color Option
160L-135 17,500 Lumens				CC Custom Color	
160L-155 19,500 Lumens					

Control Options Network	Options
NXWE NX Wireless Enabled (module + radio) ^{4,6}	F Fusing (must specify voltage)
NXSPW_F NX Wireless, PIR Occ. Sensor, Daylight Harvesting ^{4,5,6}	E Emergency Battery Backup ⁷
NXSP_F NX, PIR Occ. Sensor, Daylight Harvesting ^{4,5,6}	EH Emergency Battery w/ Heater Option ⁷
WIR Wireless Controls, wiSCAPE™ ^{2,6}	2DR Dual Driver ^{4,6}
Stand Alone Sensors	2PF Dual Power Feed ^{4,6}
SCP-8F Remote control programmable line voltage sensor ^{3,4}	
SCP-20F Remote control programmable line voltage sensor ^{3,4}	
Control Options	
7PR_ 7-Pin Receptacle ⁶	

- Notes:
- 1 Only available with RWL2
 - 2 wiSCAPE Gateway required for system programming
 - 3 Specific voltage selection is required
 - 4 Not available with 480V
 - 5 Replace "_" with "14" for up to 14' mounting height, "40" for up to 40' mounting height
 - 6 This item is located in the integral backbox which will be automatically added onto the fixture if chosen.
 - 7 This item is located in the integral backbox for RWL1 configurations only.

Finish options



ACCESSORIES - Order Separately

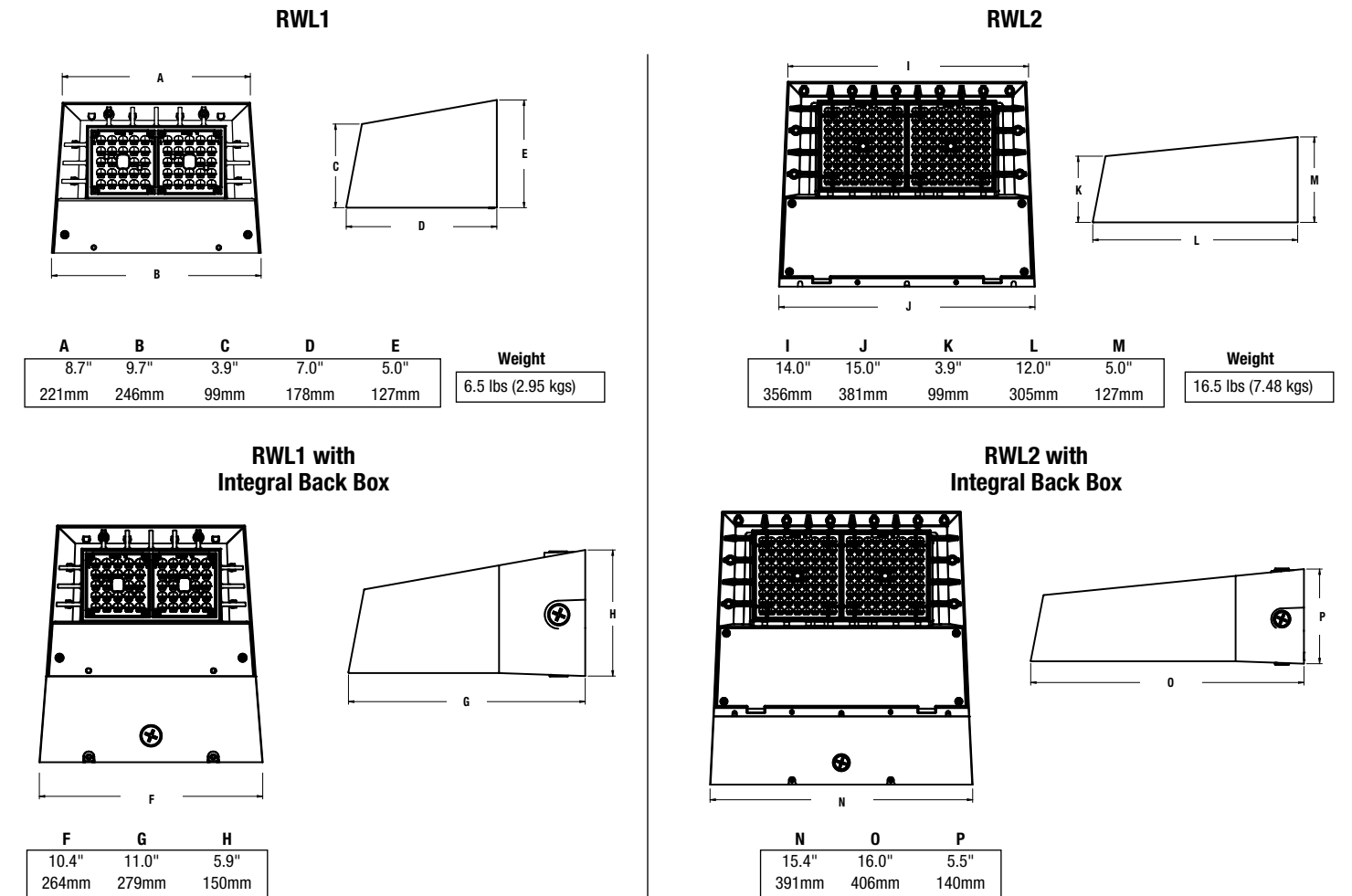
Catalog Number	Description
<input type="checkbox"/> WP-BB-XXX	Accessory for conduit entry ¹

Notes:
1 Replace "XXX" with color option

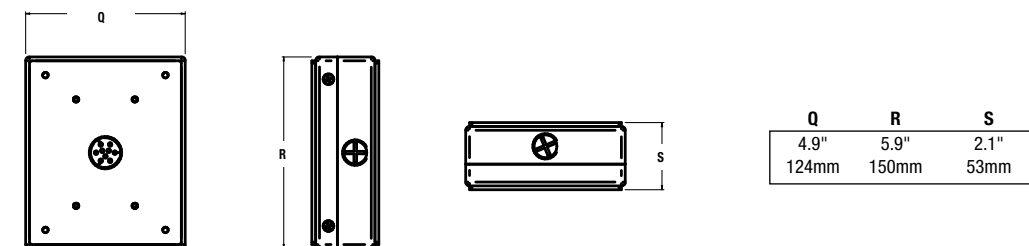
CONTROLS ACCESSORIES - Order Separately

Catalog Number	Description
<input type="checkbox"/> SCPREMOTE	Order at least one per project location to program and control

dimensions



Back Box Accessory



Current

Current - HLI Brands

701 Millennium Blvd.
Greenville, SC 29607

currentlighting.com/beacon

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Ratio_Wall_R01
