

# RAVEN LARGE RCL SERIES

Cat.#

Job

Type



**HUBBELL**  
Outdoor Lighting

Approvals

## APPLICATIONS

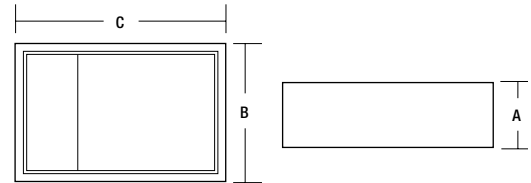
- Provides a superior lighting solution for a wide array of area/site lighting applications

## FEATURES

- Lightweight, rugged, one-piece formed and welded aluminum for smooth construction and weatherproofing. Pre-drilled for mounting. Decorative embossed band and reveal colors available
- Extruded aluminum frame with rigid corner bracing and die-cast zinc latches for tool-free entry. Quality silicone gasketing seals out insects, dirt and moisture. Decorative silk screening conceals electrical compartment. Flat tempered and impact-resistant glass provide sharp full cutoff
- Performance series reflectors available. IES type II, III, IV, and V distributions. All distributions are field rotatable
- Extruded arms along with multiple adapters provide mounting flexibility
- Mogul porcelain socket, pulse rated, with spring-loaded, nickel-plated center contact and reinforced lamp grip screw shell
- CWA type, HPF Ballast, starting rated at -20°F (-40°F for HPS)
- Durable Lektrocote® TGIC thermoset polyester powder coat paint finish assures long life and maintenance-free service

## LISTINGS/CERTIFICATIONS

- Listed to UL1598 for use in wet locations
- IDA fixture seal of approval



	A	B	C	EPA	Weight
<b>RCL</b>	10.5"	22.25"	30"	2.6 ft. <sup>2</sup>	70 lbs
	262 mm	556 mm	750 mm	0.2 m <sup>2</sup>	31.7 kg

NOTE: EPA and weight values do not include mounting arm.  
Four inch arm adds 0.2 ft<sup>2</sup> EPA. Ten inch arm adds 0.4 ft<sup>2</sup> EPA.



## ORDERING INFORMATION

ORDERING EXAMPLE: RCL-A4-P1K-H3P-F-Q-DB-L

SERIES	SOURCE/WATTAGE	LAMP ORIENT./DISTR.	LENS	COLOR	OPTIONS
<b>RCL</b> Raven Large (400-1000w)	<b>PULSE START METAL HALIDE</b> <b>P40</b> 400w (BT-37) <b>P1K<sup>7</sup></b> 1000w (BT-37) <b>HIGH PRESSURE SODIUM</b> <b>S40</b> 400w (ED-18) <b>S1K</b> 1000w (E-25)	<b>H2P</b> Horiz. II - Performance series (segmented) <b>H3P</b> Horiz. III - Performance series (segmented) <b>H4P</b> Horiz. IV - Performance series (multi-piece) <b>H5P</b> Horiz. V - (square) segmented	<b>F</b> Flat	<b>DB</b> Dark Bronze <b>BL</b> Black <b>WH</b> White <b>GR</b> Gray <b>PS</b> Platinum Silver <b>RD</b> Red (premium color) <b>FG</b> Forest Green (premium color) <b>CC</b> Custom Color (consult factory)	<b>W(X)</b> Wiring prep (replace X with voltage: 1-120, 2-208, 3-240, 4-277, 5-480, 6-347) <b>RPA2</b> Round pole adapter (2 3/4-3 1/8") <b>RPA3</b> Round pole adapter (3 1/4-3 3/4") <b>RPA4</b> Round pole adapter (37/8-41/2") <b>RPA5</b> Round pole adapter (5") <b>RPA6</b> Round pole adapter (6") <b>F(X)</b> Fusing (replace X with voltage: 1-120, 2-208, 3-240, 4-277, 5-480, 6-347) <b>P(X)<sup>6</sup></b> Photobutton (replace X with voltage: 1-120, 2-208, 3-240, 4-277, 5-480, 6-347) <b>PR(X)</b> Photo cell receptacle (replace X with voltage: 1-120, 2-208, 3-240, 4-277, 5-480, 6-347) <b>QZ</b> Quartz RS with lamp <b>HS<sup>4</sup></b> Internal house-side shield <b>VG</b> Polycarbonate vandal guard <b>R(XX)</b> Reveal (EB option must be chosen also); Replace XX with color <b>EB</b> Embossed band
<b>MOUNT</b>			<b>VOLTAGE</b>		
<b>A4</b> Arm mount (includes 4" rigid arm) <b>A10<sup>2</sup></b> Arm mount (includes 10" rigid arm) <b>WB<sup>5</sup></b> Wall bracket (arm not required nor included) <b>WBA4</b> Wall bracket with 4" rigid arm <b>WBA10</b> Wall bracket with 10" rigid arm <b>0</b> No arm or wall bracket (only order without arm or wall bracket when they are ordered as an accessory)			<b>Q<sup>1</sup></b> Quad-Tap® 120/208/240/277V <b>5</b> 480V <b>0</b> No Ballast		

1 Factory wired for highest voltage unless specified  
2 Required for 90° and 120° configurations  
3 Must specify Q, 5, or T voltage; Available voltage tap on ballast may vary from catalog; Must specify wiring prep within options  
5 FDLH direct mount hardware kit required  
6 400w max; Not available in 480V  
7 GE or Sylvania BT37 lamps recommended



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Due to our continued efforts to improve our products, product specifications are subject to change without notice.



## ORDERING INFORMATION

### ACCESSORIES - RCL

(Must be ordered separately. For field installation.)

Catalog Number	Description
<b>RCL-HS-23P</b>	Internal Lamp Shielding (RCL - H2P & H3P distributions)
<b>RCL-HS-4P</b>	Internal Lamp Shielding (RCL - H4P distributions)
<b>RCL-PVG</b>	1/8" Polycarbonate Vandal Guard suspended 3" below door frame

### PHOTOCONTROL EQUIPMENT

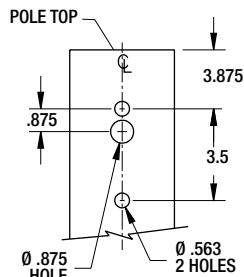
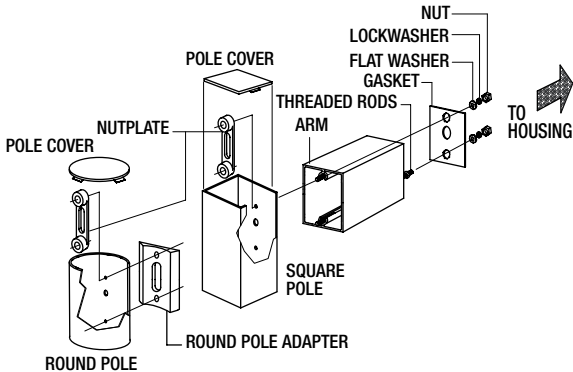
Catalog Number	Description
<b>PTL-1</b>	Photocontrol - Twist-Lock® Cell (120V)
<b>PTL-8</b>	Photocontrol - Twist-Lock® Cell (120-277V)
<b>PTL-5</b>	Photocontrol - Twist-Lock® Cell (480V)
<b>PTL-6</b>	Photocontrol - Twist-Lock® Cell (347V)
<b>PSC</b>	Shorting Cap - Twist-Lock®

## SPECIFICATIONS

**HOUSING** Die formed rectilinear housing to have continuous corner welds creating a seamless one-piece enclosure. Housing material to be heavy gauge low copper aluminum alloy. Door assembly to recess completely within luminaire housing creating evenly spaced reveal and floating door appearance. Housing to provide positive seal with door assembly gasket.

**DOOR/LENS** Extruded aluminum doorframe to have 45° miter cut corners with internal corner key brackets for rigid support. Finish to be anodized with natural aluminum color. Tool-free entry design provided from corrosion resistant, spring loaded die cast zinc thumb latches (one per corner). Door assembly to hinge forward (toward pole) and backwards (away from pole) and must remain captive to the luminaire housing when only two latches are released. Complete removal of door is achievable without tools. Extruded silicone gasket profile to positively seal tempered glass lens to doorframe and doorframe to luminaire housing ensuring a contaminant free environment. Tempered flat glass lens to include internal coating of temperature resistant black silk-screening to hide electrical compartment.

**MOUNT** The luminaire housing shall attach to all mounting hardware via two 1/2" diameter bolts/rods. Mounting options to include rigid arm assemblies, knuckled arm assemblies for flat surfaces, knuckled arm assemblies for 2 3/8" OD tenon, wall bracket



### ADDITIONAL ACCESSORIES

Catalog #	Description
<b>F-RPA2-XX<sup>1,2</sup></b>	Round Pole Adapter (2 3/4 - 3 1/8")
<b>F-RPA3-XX<sup>1,2</sup></b>	Round Pole Adapter (3 1/4 - 3 3/4")
<b>F-RPA4-XX<sup>1,2</sup></b>	Round Pole Adapter (3 7/8 - 4 1/2")
<b>F-RPA5-XX<sup>1,2</sup></b>	Round Pole Adapter (5")
<b>F-RPA6-XX<sup>1,2</sup></b>	Round Pole Adapter (6")
<b>WB-AREA-XX<sup>1</sup></b>	Wall Bracket
<b>ARM-F-K-TA-XX<sup>1</sup></b>	Tenon Arm (single) adjustable (2 3/8" O.D. tenon)
<b>ARM-F-TK-TA-XX<sup>1</sup></b>	Tenon Arm (double 180°) adjustable (2 3/8" O.D. tenon)
<b>ARM-F-K-S-XX<sup>1,2</sup></b>	Adjustable Arm
<b>ARM-F-4-S-XX<sup>1,2</sup></b>	4" Rigid Straight Arm
<b>ARM-F-10-S-XX<sup>1,2</sup></b>	10" Rigid Straight Arm
<b>F-DMLH</b>	Direct mount hardware kit
<b>TPLB-XX</b>	Twin parallel luminaire bracket.

<sup>1</sup> Replace **XX** with color choice, eg.: **DB** for Dark Bronze.

<sup>2</sup> When ordering poles, specify Pole Drill Pattern #2.

### TENON TOP POLE BRACKET ACCESSORIES (2 3/8" OD tenon)

(RSS version requires 4" round pole adapter)

Catalog #	Description
<b>SETA2-XX<sup>1,2</sup></b>	Square Pole Tenon Adapter (4 at 90 degrees)
<b>RETA-XX<sup>1,2</sup></b>	Round Pole Tenon Adapter - 4" (4 at 90 degrees)
<b>TETA-XX<sup>1,2,3</sup></b>	Hexagonal Pole Tenon Adapter - 4" (3 at 120 degrees)

<sup>1</sup> Replace **XX** with color choice, eg.: **DB** for Dark Bronze.

<sup>2</sup> Accommodates #2 drill pattern.

<sup>3</sup> Must use 10" arm on fixture for 120° mounting.

adapter, and round pole adapters ensuring maximum luminaire versatility. All mounting accessories should include gasket between the housing and accessory.

**OPTICS** All optical assemblies to field rotate in 90° increments. All distributions to be IES - Full Cutoff classified. Internal house side shielding to be available on Type II, III, and IV distributions and should be factory or field installable.

**ELECTRICAL** Available HID wattage range of 400 to 1000 watts from Pulse Start Metal Halide, High Output Super Metal Halide, and High Pressure Sodium sources. Additional options include fusing, photocell cell control, and quartz restrike lamp.

**FINISH** TGIC thermoset polyester powder paint finish applied at nominal 2.5 mil thickness. Prior to painting all luminaires and mounting accessories should be thoroughly cleaned with acid and alkaline cleaners followed by the application of a chromate conversion coating.

**LISTINGS/CERTIFICATION** UL1598 listed and CSA certified for outdoor use in wet locations