HB Series

The COMMISSIONER™
Wireless Control High Bay Lighting System

Cat. #		Type	
Notes			

by **RCA** COMMERCIAL ELECTRONICS

TAA COMPLIANT

Pre-wired for plug-n-play accessories that includes Wireless Multi Sensor (occupancy sensor and wireless control module in one unit) and Wireless Communication Module

CERTIFICATIONS / RATINGS

c(UL)us LISTED   DLC LISTED PREMIUM   CERTIFIED UL 1598   RoHS compliant   FC

KEY FEATURES AND BENEFITS

- **Field installable** occupancy sensor / wireless module multi-sensor.
- ZigBee® ready bay light quickly converts to a SMART (IOT) product with Sensor Connect feature.
- Easy Commissioning High and Low Bay Lighting.
- High-bays and sensors stocked and sold separately.
- Compact size. 28" by 14" fixture offers up to 36,000 lumens. 19" by 14" fixture offers up to 24,000 lumens.
- DLC 5.1 Premium listed.
- Wide and narrow light distribution patterns.
- Clear and frosted lens options for product performance and application flexibility.
- Lightweight extruded aluminum housing design.
- Aircraft cable mounting kit included, with multiple mounting options available.
- 0-10v dimming.
- Trade Agreement Act compliant.

SPECIFICATIONS

Voltage	120 - 277 VAC
Wattage	80W / 160W / 240W
Color Temp	4000 / 5000 Kelvin
Housing	Aluminum alloy
Color	White
Lens	Polycarbonate (clear or frosted*)
Lifetime	70,000 hrs L$_{70}$
CRI	80+
Beam Angles	110°x 60°* (aisle) / 110°x 110° (wide)

Ambient Temperature	-30°C (-22°F) to 50°C (122°F)
Power Factor	≥ 0.90
Efficacy	Up to 150 lm/W
Warranty	5 Year Limited Warranty

LUMENS

Kelvin	80W	160W	240W
5000K	12,000	24,000	36,000
4000K	11,700	23,400	35,000

Lumen ratings for 110° beam angle with clear lens.

PRODUCT ORDERING SELECTION

HB							

Series	Watts	Kelvin	Lumen Code	Beam Angle	Lens	Accessories	Options
☑ HB	☐ 80 - 80W	☐ 40 - 4000K	☐ 12L - @ 12,000 (80W)	☐ 60D - 100°x 60°*	☐ CL - Clear	☐ HB-OSZ-IP65-V - Multi-Sensor	☐ AC - Aircraft Cable (Included)
	☐ 160 - 160W	☐ 50 - 5000K	☐ 24L - @ 24,000 (160W)	☐ 110D - 110°x 110°	☐ FL - Frosted*	☐ DONGLE - Wireless Com Module	☐ CH - Chain Mount Kit
	☐ 240 - 240W		☐ 36L - @ 36,000 (240W)			☐ WGDS - Wire Guard (80W/160W)	☐ HBSC3 - Surface Mount Bracket
						☐ WGDL - Wire Guard (240W)	☐ FP - Factory Programmed
						☐ 12C - 12 ft Black Cord SGT	☐ EMA40ACT-170 - Battery Backup
						☐ 12F - 12 ft Flex Cable (Metal Wrapped)	

*Frosted lens reduces lateral beam angle by 10° - Not recommended for 60° (60D) beam angle.

HB Series

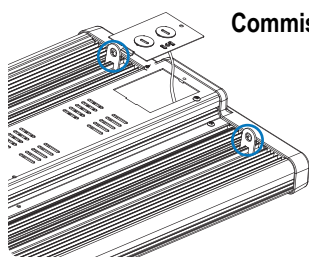## The COMMISSIONER™

SOLAS RAY™ LIGHTING

5935 West 84th St. | Indianapolis, IN 46278 | 1-888-391-4822 | www.SolasRay.com

MOUNTING OPTIONS

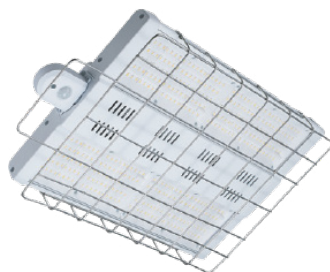| #AC - Aircraft Cable Kit (Included Standard)	#CH - Chain Mount (Specify Length)	#HBSC3 - Surface Mount Bracket

ACCESSORIES / FEATURES

Commissioner Installation Features

- Access plate conveniently located.
- WAGOS Connectors included for quick install.
- Mounting tabs on corner of each fixture for easy installation.

Optional Protective Wire Guard

80W/160W - #WGDS

240W - #WGDL

IP65 Multi Sensor

Features manual set-up for occupancy, daylight and dimming

Wireless Communication Module

IP65 Multi Sensor & Wireless Communication Module Install & Set-Up
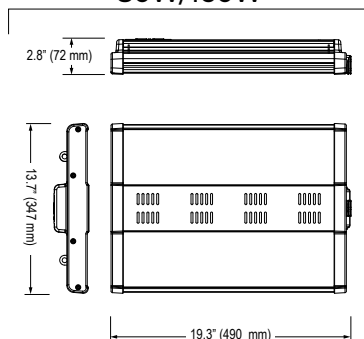
1) Remove cap and insert sensor or module.
2) Load latest software by downloading Sensor Connect app.
3) Search fixtures using installed Sensor Connect app.
4) Select and identify each fixture (flash & dim / captured).
5) Create groups from identified fixtures, name and add photo of area. (Labels provided for floor-plans.)
6) Customize groups, use manual settings and add max, mid & min time settings.
7) Save presets and customize later if needed.

WEIGHTS AND DIMENSIONS

WEIGHTS

80W/160W	240W
5.1 lb	17.6 lb

80W/160W

2.8" (72 mm)

13.7" (347 mm)

19.3" (490 mm)

240W

2.8" (72 mm)

13.7" (347 mm)

28" (710 mm)

Specifications and data are subject to change without notice.