

RHB1-2G

Project Name:	
Type:	



APPLICATION

The compact and lightweight UFO high bay is designed for exceptional durability and practicality, a field-selectable beam angle, allowing it an ideal choices for commercial, retails, gyms, factories, warehouse, and other industrial/commercial spaces.

FEATURES:

- Housing is completely sealed against moisture and environmental contaminants, IP65 rated.
- Sealed enclosure complies with NSF technical specs for illumination of food-grade non-splash zones.
- With corrosion-resistant powder coating that provides protection and architectural appearance while adapting well to the environment.
- The thermally and electrically separated design ensures superior heat management to optimize performance and long life.
- Sensor receptacle pre-installed.

MOUNTING:

- Hook Mount is standard.
- Conduit pendant mount, optional (3/4" pipe by others)
- Trunnion mount, optional.

OPTIC:

- Polycarbonate optical lens featuring IK08 impact resistance.
- Anti-UV prismatic translucent lens designed to shape the light uniformity and controls glare.
- Field-selectable beam angle (70°, 90°, 110°).

LED:

- Lumileds 2835.
- Field-selectable wattage levels: 100%, 80%, 60%.
- Field-selectable Color temperature: 3500 / 4000 / 5000 (K)
- Color rendering index: >80
- Scalable lumen packages from 13,600 to 50,000 lumens.
- Estimated L70: 50,000-hrs

ELECTRICAL:

- Input voltage: 120-277Vac., 50/60Hz (std.)
- 277-480Vac (optional).
- PF > 0.9, THD <20%.
- 0-10V, 10%-100% dimming standard.
- Built-in surge 6Kv.
- Operating temperature: -40°C to 55°C (-40°F to 131°F)
- Operating temp. with EM: 5°C to 55°C (41°F to 131°F)

LISTING:

- UL, cUL listed for wet location.
- IP65 rated.
- 5 years limited warranty.
- ARRA compliant (optional).

ORDERING INFORMATION

EXAMPLE: RHB1-2G-3SL-3T-UNV-BK

MODEL	LED / COLOR TEMP.		COLOR TEMP.		VOLTAGE		FINISH		BEAM ANGLE	
RHB1-2G	3SS 3SL 3SM 3SH	Field Selectable 150/120/90W LED Field Selectable 200/160/120W LED Field Selectable 250/200/150W LED Field Selectable 300/240/180W LED	-3T	Field Selectable 3500/4000/5000K	UNV HV	120-277V (Std.) 277-480V	BK	Black (Std.)	(Blank)	Field Selectable 70°, 90°, 110°

OPTIONS	
EM16W	Top mounted external 16 EM Battery Backup ²
EM25W	Top mounted external 25W EM Battery Backup ³
MSPR	Plug-and-play PIR motion and daylight sensor
BMSPR	Bluetooth Plug-and-play PIR sensor, Silvar enabled (GEBC system) ¹
BMSMW	Bluetooth Plug-and-play Microwave sensor, Silvar enabled (GEBC system) ¹
CD	Conduit Adapter for conduit pendant mount or EM battery backup
TR	Trunnion mount
ARRA	Assembled in USA

NOTES:

- Factory default setting:
Sensitivity: 100%
Hold time: 5min
Daylight: disabled
Standby dimming level: 30%
Dimming time: 30min
- Only available with 3SS.
- Not available with 3SS.



EM location

RHB1-2G

CONFIGURATIONS

3SS @ 70° /110° Beam Angle								
SETTING	SYSTEM WATTS	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	150W	80	21000lm	140lm/W	23000lm	153lm/W	22000lm	147lm/W
80%	120W	80	17500lm	146lm/W	19000lm	158lm/W	18200lm	152lm/W
60%	90W	80	13600lm	151lm/W	14800lm	164lm/W	14000lm	156lm/W
3SS @ 90° Beam Angle								
SETTING	SYSTEM WATTS	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	150W	80	22000lm	147lm/W	24500lm	163lm/W	24000lm	160lm/W
80%	120W	80	18500lm	154lm/W	20400lm	170lm/W	19800lm	165lm/W
60%	90W	80	14500lm	161lm/W	16000lm	178lm/W	15300lm	170lm/W

3SL @ 70° /110° Beam Angle								
SETTING	SYSTEM WATTS	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	200W	80	27500lm	138lm/W	30000lm	150lm/W	29000lm	145lm/W
80%	160W	80	22800lm	143lm/W	24800lm	155lm/W	24000lm	150lm/W
60%	120W	80	17700lm	148lm/W	19200lm	160lm/W	18600lm	155lm/W
3SL @ 90° Beam Angle								
SETTING	SYSTEM WATTS	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	200W	80	28000lm	140lm/W	31000lm	155lm/W	30000lm	150lm/W
80%	160W	80	23000lm	144lm/W	25600lm	160lm/W	24800lm	155lm/W
60%	120W	80	18000lm	150lm/W	19800lm	165lm/W	19200lm	160lm/W

RHB1-2G

CONFIGURATIONS

3SM @ 70° /110° Beam Angle

SETTING	SYSTEM WATTS	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	250W	80	35000lm	140lm/W	40000lm	160lm/W	38000lm	152lm/W
80%	200W	80	29000lm	145lm/W	33000lm	165lm/W	31200lm	156lm/W
60%	150W	80	22500lm	150lm/W	25400lm	169lm/W	24200lm	161lm/W

3SM @ 90° Beam Angle

SETTING	SYSTEM WATTS	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	250W	80	37000lm	148lm/W	41000lm	164lm/W	40000lm	160lm/W
80%	200W	80	31000lm	155lm/W	33800lm	169lm/W	33000lm	165lm/W
60%	150W	80	24000lm	160lm/W	26200lm	175lm/W	25500lm	170lm/W

3SH @ 70° /110° Beam Angle

SETTING	SYSTEM WATTS	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	300W	80	43000lm	143lm/W	48000lm	160lm/W	46000lm	153lm/W
80%	240W	80	35500lm	148lm/W	40000lm	167lm/W	38000lm	158lm/W
60%	180W	80	27500lm	153lm/W	31500lm	175lm/W	29500lm	164lm/W

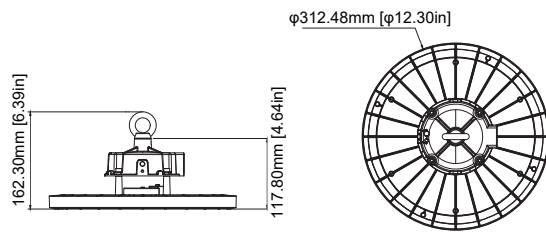
3SH @ 90° Beam Angle

SETTING	SYSTEM WATTS	CRI	3500K		4000K		5000K	
			LUMENS	LPW	LUMENS	LPW	LUMENS	LPW
100%	300W	80	45000lm	150lm/W	50000lm	167lm/W	48000lm	160lm/W
80%	240W	80	37200lm	155lm/W	41300lm	172lm/W	39600lm	165lm/W
60%	180W	80	28800lm	160lm/W	32000lm	178lm/W	30600lm	170lm/W

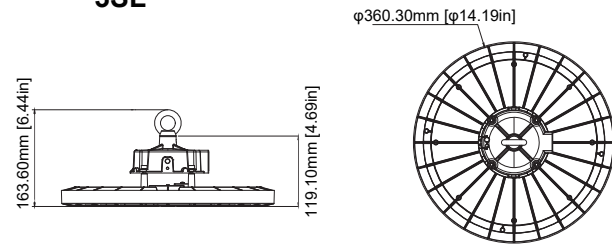
RHB1-2G

DIMENSIONS

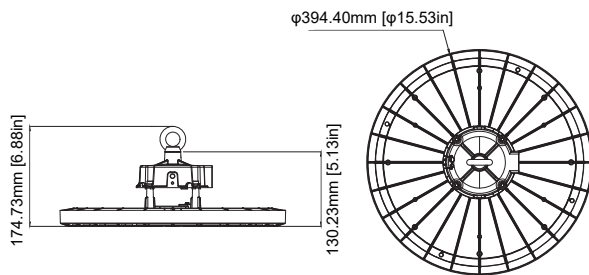
3SS



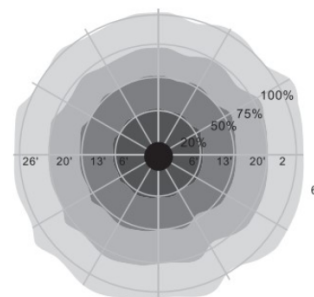
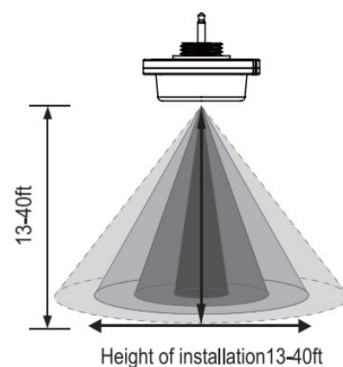
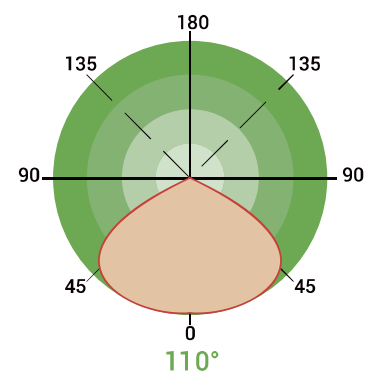
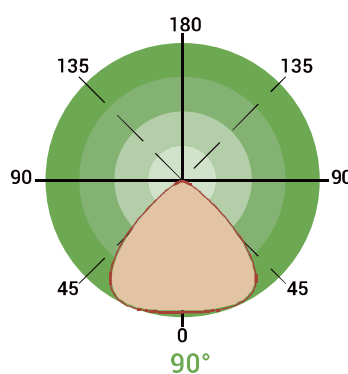
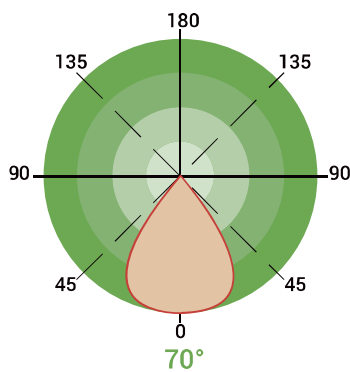
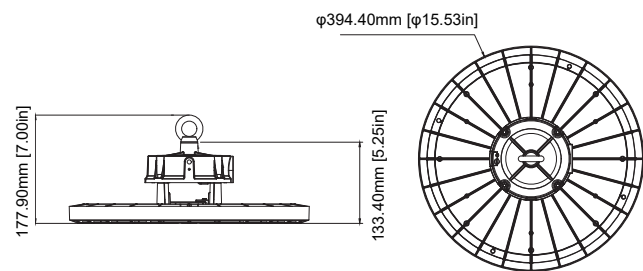
3SL



3SM



3SH



SENSOR DETECTION

RHB1-2G



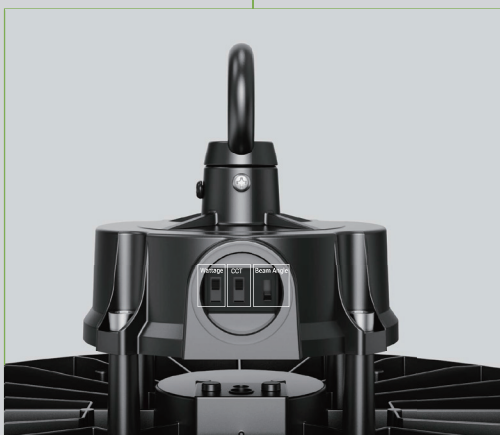
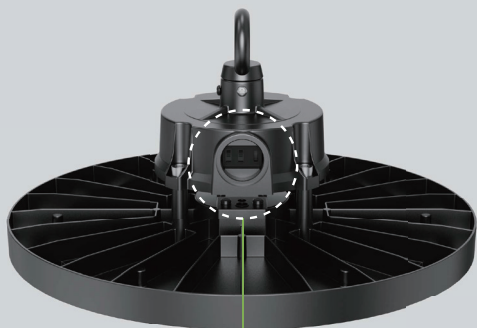
Eyebolt Mount (std.)



Conduit Pendant Mount



Trunnion Mount



WATTAGE, CCT AND BEAM ANGLE SELECTABLE

Wattage Selectable

Each model supports 3 positions wattage regulation: 100%, 80%, 60%.

CCT Selectable

Three color temperature of 3500K, 4000K and 5000K are selectable.

Beam Angle Selectable

The beam angle of the fixture can be quickly switched by a simple DIP switch. Choose from 70°, 90° or 110° to control the beam angle.

