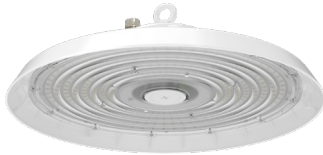


H22 Field-Adjustable High Bay with Adjustable Beam Angle **RAB**



H22



H22XL

Field-Adjustable High Bay with Adjustable Beam Angle



0-10V



100,000
HOURS

IP69K

IP RATING



WET
RATED



FIELD
ADJUSTABLE



ADJUSTABLE
BEAM ANGLE



ROHS



IK10 RATING

PROJECT:

DATE:

TYPE:

PREPARED BY:



KEY FEATURES

- Power and CCT tunable fixture in two sizes:
H22: 150/120/100W
H22XL: 240/200/150W
- CCT: 3000/4000/5000K adjustable
- Built in optics adjustable with a switch: 105°/90°/60°
- Input voltage: 120-277V and 480V
- Suitable for wet locations
- Battery backup sold separately: EMHB30 and EMHB40/480
- Compatible with all existing sensors for H17 (PIR40, MVS50, PIR40/LCB, MVS50/LCB)
- 5-years, limited warranty

PERFORMANCE

H22 @ 100W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	100.5W	100.7W	103.5W	99.3W	99.3W	101.6W	101.3W	100.8W	103.7W
Lumens	15,240	15,898	15,876	15,640	16,249	16,369	15,546	16,149	16,090
Lm/W	151.6	157.9	153.4	157.5	163.6	161.1	153.5	160.2	155.2
CRI	82	84	83	82	84	83	82	84	83
Voltage Ratings	120-277V								

H22 @ 120W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	118.2W	118.4W	121.7W	117.6W	117.6W	120.4W	118.6W	118.0W	121.4W
Lumens	17,521	18,278	18,252	18,231	18,961	19,081	17,774	18,463	18,395
Lm/W	148.2	154.4	150.0	155.0	161.2	158.5	149.9	156.5	151.5
CRI	82	84	83	82	84	83	82	84	83
Voltage Ratings	120-277V								

H22 @ 150W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	145.6W	145.9W	149.9W	143.8W	143.7W	147.2W	146.4W	145.7W	149.9W
Lumens	20,768	21,884	21,635	21,467	22,580	22,468	21,106	22,146	21,844
Lm/W	142.6	150.0	144.3	149.3	157.1	152.6	144.2	152.0	145.7
CRI	82	84	83	82	84	83	82	84	83
Voltage Ratings	120-277V								

H22 Field-Adjustable High Bay with Adjustable Beam Angle **RAB**

PERFORMANCE (CONTINUED)

H22 @ 100W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	101.8W	101.7W	104.1W	100.7W	100.8W	102.7W	101.6W	101.7W	104.1W
Lumens	14,874	15,416	15,269	15,448	16,153	16,118	15,238	15,974	15,806
Lm/W	146.1	151.6	146.7	153.4	160.2	156.9	150.0	157.1	151.8
CRI	82	84	84	82	85	84	82	84	83
Voltage Ratings	480V								

H22 @ 120W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	120.8W	120.6W	123.5W	119.3W	119.5W	121.7W	120.6W	120.7W	123.5W
Lumens	17,439	18,074	17,902	18,193	19,023	18,982	17,835	18,697	18,499
Lm/W	144.4	149.9	145.0	152.5	159.2	156.0	147.9	154.9	149.8
CRI	82	84	84	82	85	84	82	84	83
Voltage Ratings	480V								

H22 @ 150W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	148.5W	148.3W	151.8W	146.1W	146.3W	149.0W	148.2W	148.3W	151.8W
Lumens	20,960	21,943	21,516	21,863	23,091	22,811	21,341	22,598	22,136
Lm/W	141.1	148.0	141.7	149.6	157.8	153.1	144.0	152.4	145.8
CRI	82	84	84	82	85	84	82	84	83
Voltage Ratings	480V								

H22XL @ 150W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	148.9W	145.7W	149.2W	147.1W	144.6W	147.7W	148.8W	145.4W	149.2W
Lumens	22,272	23,553	23,452	22,761	23,989	24,118	22,392	23,782	23,734
Lm/W	149.6	161.7	157.2	154.7	165.9	163.3	150.5	163.6	159.1
CRI	83	85	84	83	85	84	83	85	83
Voltage Ratings	120-277V								

H22XL @ 200W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	197.3W	193.1W	197.6W	195.1W	191.8W	195.9W	198.1W	193.6W	198.7W
Lumens	28,035	29,647	29,520	28,946	30,508	30,671	28,399	30,162	30,101
Lm/W	142.1	153.5	149.4	148.4	159.1	156.6	143.4	155.8	151.5
CRI	83	85	84	83	85	84	82	85	83
Voltage Ratings	120-277V								

H22XL @ 240W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	237.0W	231.9W	237.4W	233.3W	229.3W	234.3W	237.8W	232.4W	238.5W
Lumens	32,622	35,202	34,697	33,559	36,092	35,918	32,740	35,482	35,053
Lm/W	137.6	151.8	146.2	143.8	157.4	153.3	137.7	152.7	147.0
CRI	82	85	84	82	85	84	82	85	83
Voltage Ratings	120-277V								

H22 Field-Adjustable High Bay with Adjustable Beam Angle **RAB**

PERFORMANCE (CONTINUED)

H22XL @ 150W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	147.1W	143.0W	147.0W	144.6W	142.1W	145.4W	146.6W	143.2W	147.2W
Lumens	21,920	23,130	22,943	22,894	24,005	24,132	22,617	23,952	23,810
Lm/W	149.0	161.7	156.1	158.3	168.9	166.0	154.3	167.3	161.8
CRI	83	85	84	83	85	84	82	85	84
Voltage Ratings	480V								

H22XL @ 200W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	194.8W	189.4W	194.6W	190.6W	187.3W	191.6W	193.9W	189.4W	194.7W
Lumens	27,986	29,531	29,292	29,348	30,772	30,935	28,872	30,577	30,394
Lm/W	143.7	155.9	150.5	154.0	164.3	161.5	148.9	161.4	156.1
CRI	82	85	84	82	85	84	82	85	84
Voltage Ratings	480V								

H22XL @ 240W	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Beam Angle	60°			90°			105°		
Input Watts	233.0W	226.5W	232.8W	226.6W	222.7W	227.8W	231.4W	226.0W	232.3W
Lumens	32,437	34,926	34,294	34,078	36,461	36,284	33,317	36,004	35,428
Lm/W	139.2	154.2	147.3	150.4	163.7	159.3	144.0	159.3	152.5
CRI	82	85	84	82	85	84	82	85	84
Voltage Ratings	480V								

TECHNICAL SPECIFICATIONS

LED CHARACTERISTICS

LEDs

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

Color Consistency

7-step MacAdam Ellipse binning to achieve consistent fixture-to-fixture color

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

NSF

NSF certified by public health and safety

IK Ratings

IK10 rated for protection against impact

DLC Listed

This product is listed by Design Lights Consortium (DLC) as an ultra-efficient premium product that qualifies for the highest tier of rebates from DLC Member Utilities. Designed to meet DLC 5.1 requirements.

Model#	DLC ID	Model#	DLC ID
H22	S-13J0R4	H22/480	S-RCD0FC
H22XL	S-YBV36Y	H22XL/480	S-0W2CS8

CONSTRUCTION

Cold Weather Starting

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

Cold Weather Starting for Battery Backup

The minimum starting temperature is 0°C (32°F)

Maximum Ambient Temperature

H22, H22/480 and H22XL/480 : Suitable for use in up to and 50°C (122°F)

H22XL : Suitable for use in up to and 45°C (104°F)

Maximum Ambient Temperature for Battery Backup

Suitable for use in up to 50°C (122°F)

Mounting

Comes standard with a hanging hook and a 6-foot cord. Heavy-duty 3/4"-14 NPT hook and 3/4"-14 pendant mount capable (pendant by others).

Housing

Precision die-cast aluminum

Lens

Polycarbonate

Green Technology

Mercury and UV free. RoHs-compliant components.

Finish

Formulated for high durability and long lasting color

IP Rating:

Ingress protection rating of IP69K for high-pressure and high-temperature cleaning

H22 Field-Adjustable High Bay with Adjustable Beam Angle **RAB**

TECHNICAL SPECIFICATIONS (CONTINUED)

ELECTRICAL

Drivers:

Constant Current, Class 1, 120-277V, 50/60 Hz,

H22:

150W: 120V: 1.17A, 208V: 0.68A, 240V: 0.61A, 277V: 0.39A

120W: 120V: 0.78A, 208V: 0.56A, 240V: 0.50A, 277V: 0.45A

100W: 120V: 0.82A, 208V: 0.48A, 240V: 0.43A, 277V: 0.39A

H22XL:

240W: 120V: 1.99A, 208V: 1.12A, 240V: 0.97A, 277V: 0.86A

200W: 120V: 1.66A, 208V: 0.96A, 240V: 0.84A, 277V: 0.74A

150W: 120V: 1.29A, 208V: 0.75A, 240V: 0.65A, 277V: 0.59A

Constant Current, Class 1, 480V, 50/60 Hz,

H22:

150W: 480V: 0.32A

120W: 480V: 0.27A

100W: 480V: 0.23A

H22XL:

240W: 480V: 0.51A

200W: 480V: 0.44A

150W: 480V: 0.34A

Dimming Driver:

Driver includes wiring for 0-10V dimming systems. Dim as low as 10%.

Battery Backup:

Battery backup will operate the LED Lamp for 90 minutes if power falls.

Wired for 120-277V.

Emergency Light Loss Factor: (120-277V)

H22:

150W: 23.3%

120W: 27.6%

100W: 31.3%

H22XL

240W: 15.7%

200W: 17.7%

150W: 21.8%

Emergency Light Loss Factor: (480V)

H22:

150W: 28.1%

120W: 33.5%

100W: 39.0%

H22XL

240W: 18.2%

200W: 21.0%

150W: 26.8%

THD & Power Factor:

MODEL#	THD	PF	THD	PF	THD	PF
H22 @150W/4000K	120V		277V		480V	
105°	4.1%	99.7%	6.4%	93.1%	14.0%	95.6%
90°	4.0%	99.7%	6.5%	92.8%	14.1%	95.4%
60°	4.2%	99.7%	6.3%	93.0%	13.7%	95.6%
H22XL @240W/4000K	120V		277V		480V	
105°	3.8%	99.9%	6.4%	96.2%	16.7%	95.6%
90°	3.9%	99.9%	7.2%	96.1%	16.8%	95.4%
60°	3.8%	99.9%	6.7%	96.2%	16.5%	95.6%

Surge Protection:

4kV + 6kV

FIELD ADJUSTABLE

Field Adjustable:

H22: 150/120/100W - Factory default 150W

H22X: 240/200/150W - Factory default 240W

Color Temperature: 3000/4000/5000K - Factory default 4000K

Beam Angle: 105°/90°/60° - Factory default 90°

PERFORMANCE

Lifespan

100,000-Hour LED lifespan based on IES LM-80 results and TM-21 calculations

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.

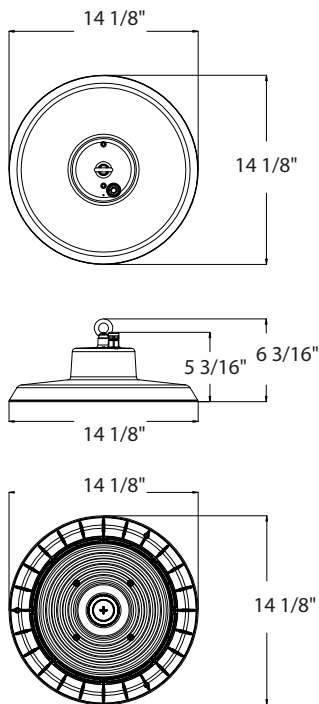
H22 Field-Adjustable High Bay with Adjustable Beam Angle **RAB**

DIMENSIONS

H22 (150/120/100W)

Weight (120-277V): 5.56 lbs

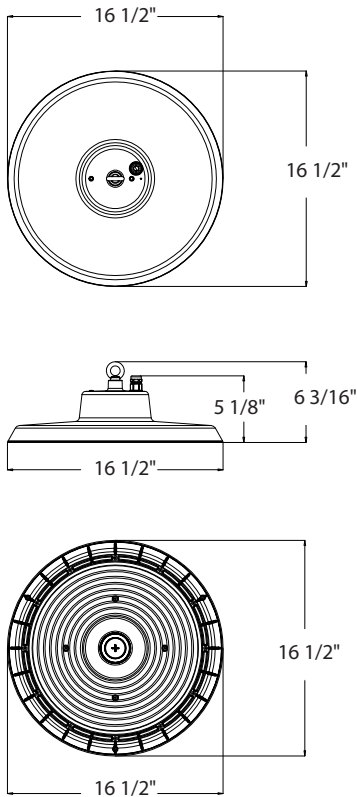
Weight (480V): 6.57 lbs



H22XL (240/200/150W)

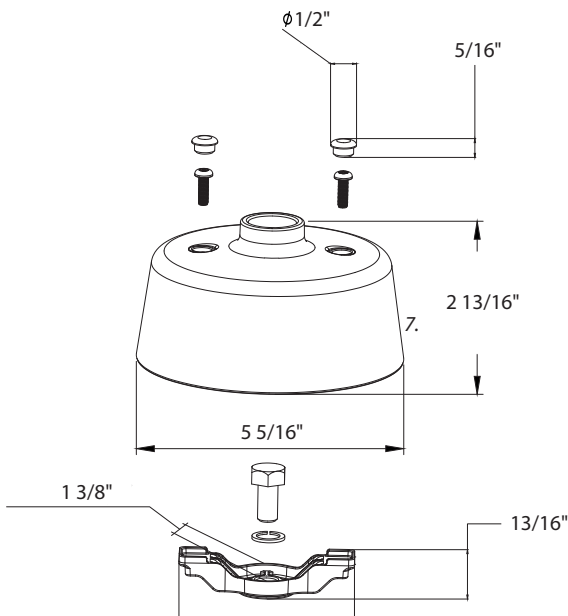
Weight (120-277V): 7.58 lbs

Weight (480V): 8.64 lbs



H22 PM KIT

Weight: 0.59 lb



H22 Field-Adjustable High Bay with Adjustable Beam Angle **RAB**

ACCESSORIES

Image	SKU#	UPC	Description	Weight
	H22 PM KIT	192552039741	H22 PENDANT MOUNT KIT	0.59 lbs
	MVS50	192552025997	MVS 15M HEIGHT IP65 OCCUPANCY SENSOR	0.10 lb
	MVS50/LCB	192552014168	LC BLUE CONTROLLER WITH INTEGRATED MVS SENSOR	0.14 lb
	PIR40	192552026000	PIR SENSOR MAX 12M HEIGHT 1P66	0.10 lb
	PIR40/LCB	192552014151	LC BLUE CONTROLLER WITH INTEGRATED PIR SENSOR	0.12 lb
	EMHB30	192552030137	BATTERY BACKUP 30W FOR 150W-240W HIGHBAY WHITE	5.21 lbs
	EMHB30/LCB	192552036429	BATTERY BACKUP 30W FOR 150W-240W HIGHBAY LC BLUE WHITE	5.21 lbs
	EMHB40/480	192552016834	BATTERY BACKUP 40W 277-480Vac, 400VDC WHITE	5.21 lbs
	MSR1	192552026055	MULTI SENSOR REMOTE IP20	0.25 lb

ORDERING MATRIX

H22

Family	Size/Wattage	Color Temperature	Finish	Beam Angle	Driver
H22					
BLANK XL	150/120/100W 240/200/150W	BLANK 3000/4000/5000K, CCT Adjustable	BLANK White	BLANK 60°/90°/105° Adjustable Beam Angle	BLANK /480 120-277V, 0-10V Dimming 480V, 0-10V Dimming