

BULKH Field-Adjustable Wall Sconces



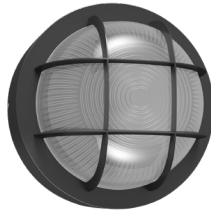
BULKH10



BULKH20



BULKH15R



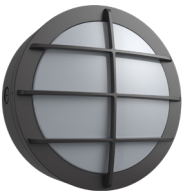
PROJECT:

DATE:

TYPE:

PREPARED BY:

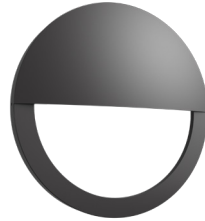
BULKH40R



BULKH40RX



BULKH40HM



BULKH40FM



KEY FEATURES

- Available in two different shapes with selectable wattages:
 - BULKH10: Oval: 10/8/6W (default 10W)
 - BULKH15R: Round: 15/12/9W (default 15W)
 - BULKH20: Oval: 20/16/12W (default 20W)
 - BULKH40R: Round: 40/32/24W (default 40W)
 - BULKH40RX: Round (w/ Cross Grid): 40/32/24W (default 40W)
 - BULKH40HM: Half Moon: 40/32/24W (default 40W)
 - BULKH40FM: Round: 40/32/24W (default 40W)
- Adjustable CCT: 3000/4000/5000K (default 5000K)
- Input voltage: 120-277V
- 0-10V dimming available on 15W and 40W models.
- On/Off photocell (default on)
- Battery backup only available on 40W models
- Integrated grill
- 5-year, limited warranty

Field-adjustable wall sconces with integrated grill



PERFORMANCE

BULKH10	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Wattage	10W			8W			6W		
Input Watts	9.95W	9.6W	10.0W	7.87W	7.66W	7.92W	5.93W	5.82W	5.98W
Lumens	896	1,002	930	737	815	770	573	624	601
Lm/W	90.1	104.4	93.0	93.6	106.4	97.2	96.6	107.2	100.5
CRI	82	84	82	82	84	82	82	84	82
Voltage Ratings	120-277V								

BULKH15R	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Wattage	15W			12W			9W		
Input Watts	14.5W	14.1W	14.6W	12.2W	11.9W	12.3W	9.2W	9.1W	9.3W
Lumens	1,563	1,684	1,644	1,338	1,425	1,405	1,018	1,080	1,073
Lm/W	107.8	119.4	112.6	109.7	119.7	114.2	110.7	118.7	115.4
CRI	83	85	84	83	86	84	83	86	84
Voltage Ratings	120-277V								

RAB

BULKH20	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Wattage	20W			16W			12W		
Input Watts	19.14W	18.47W	19.32W	15.07W	14.67W	15.22W	11.43W	11.18W	11.52W
Lumens	1,782	2,043	1,882	1,484	1,671	1,574	1,174	1,293	1,245
Lm/W	93.1	110.6	97.4	98.5	113.9	103.4	102.7	115.7	108.1
CRI	82	84	82	82	84	82	82	84	82
Voltage Ratings	120-277V								

BULKH40FM	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Wattage	40W			32W			24W		
Input Watts	40.0W	38.3W	39.8W	31.9W	30.5W	31.7W	24.4W	23.4W	24.3W
Lumens	4,478	4,905	4,748	3,698	4,051	3,921	2,916	3,194	3,092
Lm/W	112.0	128.1	119.3	115.9	132.8	123.7	119.5	136.5	127.2
CRI	84	86	85	84	86	85	84	86	85
Voltage Ratings	120-277V								

BULKH40HM	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Wattage	40W			32W			24W		
Input Watts	39.9W	38.2W	39.7W	31.9W	30.5W	31.7W	24.4W	23.4W	24.0W
Lumens	2,262	2,487	2,409	1,876	2,062	1,998	1,478	1,625	1,574
Lm/W	56.7	65.1	60.7	58.8	67.6	63.0	60.6	69.4	65.6
CRI	84	86	84	84	86	84	84	86	84
Voltage Ratings	120-277V								

BULKH40R	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Wattage	40W			32W			24W		
Input Watts	40.0W	38.3W	39.7W	31.9W	30.5W	31.7W	24.4W	23.4W	24.2W
Lumens	3,537	3,875	3,739	2,921	3,200	3,088	2,305	2,525	2,437
Lm/W	88.4	101.2	94.2	91.6	104.9	97.4	94.5	107.9	100.7
CRI	84	86	84	84	86	84	84	86	84
Voltage Ratings	120-277V								

BULKH40RX	3000K	4000K	5000K	3000K	4000K	5000K	3000K	4000K	5000K
Wattage	40W			32W			24W		
Input Watts	40.0W	38.3W	39.8W	31.9W	30.5W	31.7W	24.4W	23.4W	24.3W
Lumens	4,010	4,399	4,247	3,313	3,634	3,509	2,610	2,863	2,764
Lm/W	100.3	114.9	106.7	103.9	119.1	110.7	107.0	122.4	113.7
CRI	84	86	84	84	86	84	84	86	84
Voltage Ratings	120-277V								

BULKH Field-Adjustable Wall Sconces



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

CONSTRUCTION

Cold Weather Starting

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

Cold Weather Starting with battery backup

The minimum starting temperature is -4°F (-20°)

Maximum Ambient Temperature

Suitable for use in up to 113°F (45°F)

40W models: Suitable for use in up to 122°F (50°F)

Mounting

Wall Mount

Housing

Precision die-cast aluminum

Lens

Glass

40W models: Frosted polycarbonate

Gasket

Silicone

Green Technology

Mercury and UV free. RoHS-compliant components.

Finish

Formulated for high durability and long lasting color

IP Rating:

Ingress protection rating of IP65 for dust and water

ELECTRICAL

Drivers:

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

BULKH10:

10W: 120V: 0.1A, 208V: 0.051A, 240V: 0.042A, 277V: 0.038A

8W: 120V: 0.065A, 208V: 0.04A, 240V: 0.035A, 277V: 0.032A

6W: 120V: 0.047A, 208V: 0.03A, 240V: 0.027A, 277V: 0.025A

BULKH15R:

15W: 120V: 0.125A, 208V: 0.073A, 240V: 0.063A, 277V: 0.06A

12W: 120V: 0.1A, 208V: 0.06A, 240V: 0.049A, 277V: 0.05A

9W: 120V: 0.075A, 208V: 0.045A, 240V: 0.038A, 277V: 0.04A

ELECTRICAL

BULKH20:

20W: 120V: 0.2A, 208V: 0.098A, 240V: 0.085A, 277V: 0.076A

16W: 120V: 0.145A, 208V: 0.08A, 240V: 0.07A, 277V: 0.065A

12W: 120V: 0.1A, 208V: 0.06A, 240V: 0.055A, 277V: 0.05A

BULKH40R / BULK40RX / BULK40FM / BULK40HM:

40W: 120V: 0.35A, 208V: 0.20A, 240V: 0.17A, 277V: 0.15A

32W: 120V: 0.27A, 208V: 0.16A, 240V: 0.14A, 277V: 0.12A

24W: 120V: 0.20A, 208V: 0.12A, 240V: 0.11A, 277V: 0.09A

Surge Protection:

2kV

40W Models: 4 kV L-L 6kV L/N-G

Photocell:

Integrated on/off photocell

Dimming Driver: (Round Models only)

Driver includes dimming control wiring for 0-10V dimming systems.

Requires separate 0-10V DC dimming circuit. Dims down to 10%.

THD: @5000K

BULKH10:

10W: 23.7% at 120V, 14.8% at 277V

8W: 25.9% at 120V, 15.6% at 277V

6W: 24.1% at 120V, 18.7% at 277V

BULKH15R:

15W: 16.9% at 120V, 11.7% at 277V

12W: 16.9% at 120V, 11.9% at 277V

9W: 19.4% at 120V, 17.6% at 277V

BULKH20:

20W: 17.7% at 120V, 13.7% at 277V

16W: 17.9% at 120V, 13.7% at 277V

12W: 16.5% at 120V, 12.1% at 277V

BULKH40FM:

40W: 6.6% at 120V, 9.6% at 277V

32W: 4.3% at 120V, 11.1% at 277V

24W: 8.2% at 120V, 15.0% at 277V

BULKH40HM:

40W: 6.5% at 120V, 9.7% at 277V

32W: 4.5% at 120V, 10.7% at 277V

24W: 8.2% at 120V, 15.1% at 277V

BULKH40R:

40W: 6.5% at 120V, 9.7% at 277V

32W: 4.3% at 120V, 10.8% at 277V

24W: 8.3% at 120V, 15.3% at 277V

BULKH40RX:

40W: 6.6% at 120V, 9.8% at 277V

32W: 4.3% at 120V, 10.9% at 277V

24W: 8.3% at 120V, 15.2% at 277V

Power Factor: @5000K

BULKH10:

10W: 97.0% at 120V, 93.5% at 277V

8W: 96.3% at 120V, 91.0% at 277V

6W: 96.5% at 120V, 86.4% at 277V

BULKH15R:

15W: 98.1% at 120V, 92.5% at 277V

12W: 97.9% at 120V, 91.1% at 277V

9W: 97.1% at 120V, 86.5% at 277V

BULKH Field-Adjustable Wall Sconces



TECHNICAL SPECIFICATIONS (CONTINUED)

ELECTRICAL

Power Factor: @5000K

BULKH20:

20W: 98.5% at 120V, 93.8% at 277V
16W: 98.4% at 120V, 91.7% at 277V
12W: 98.3% at 120V, 87.4% at 277V

BULKH40FM:

40W: 99.6% at 120V, 93.1% at 277V
32W: 99.8% at 120V, 88.8% at 277V
24W: 99.3% at 120V, 82.4% at 277V

BULKH40HM:

40W: 99.6% at 120V, 93.0% at 277V
32W: 99.8% at 120V, 88.8% at 277V
24W: 99.3% at 120V, 82.4% at 277V

BULKH40R:

40W: 99.7% at 120V, 93.0% at 277V
32W: 99.8% at 120V, 88.8% at 277V
24W: 99.3% at 120V, 82.4% at 277V

BULKH40RX:

40W: 99.7% at 120V, 93.1% at 277V
32W: 99.8% at 120V, 88.8% at 277V
24W: 99.3% at 120V, 82.4% at 277V

FACTORY SETTINGS

Selectable wattages

BULKH10: Oval: 10/8/6W (default 10W)
BULKH15R: Round: 15/12/9W (default 15W)
BULKH20: Oval: 20/16/12W (default 20W)
BULKH40R: Round: 40/32/24W (default 40W)
BULKH40RX: Round (w/ Cross Grid) : 40/32/24W (default 40W)
BULKH40HM: Half Moon: 40/32/24W (default 40W)
BULKH40FM: Round: 40/32/24W (default 40W)

Adjustable CCT: 3000/4000/5000K (default 5000K)

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.

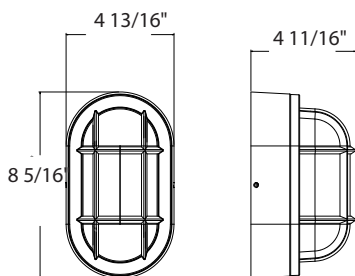
Lifespan

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

DIMENSIONS

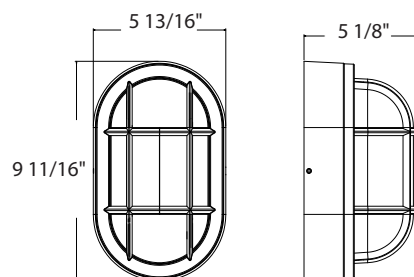
BULKH10

Weight: 2.5 lbs



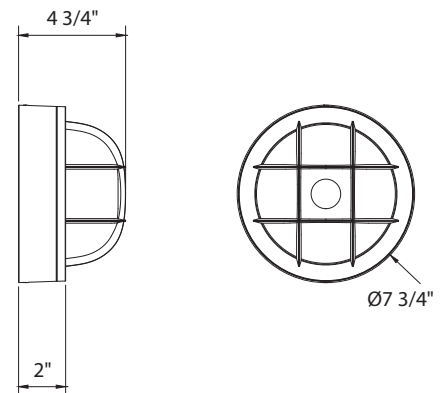
BULKH20

Weight: 3.3 lbs



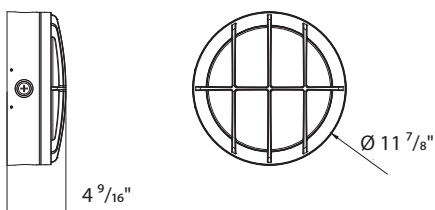
BULKH15R

Weight: 3.28 lbs



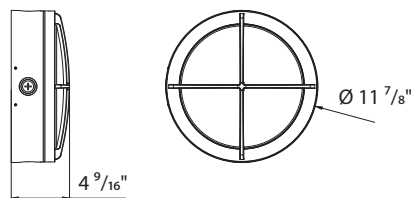
BULKH40R

Weight: lbs



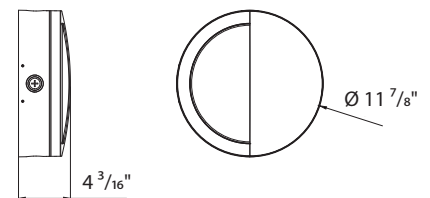
BULKH40RX

Weight: lbs



BULKH40HM

Weight: lbs



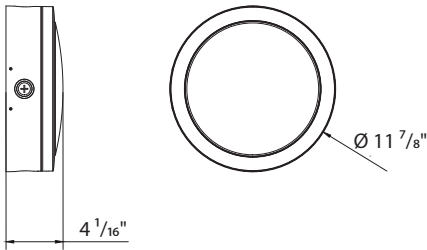
BULKH Field-Adjustable Wall Sconces



DIMENSIONS

BULKH40FM

Weight: lbs



ACCESSORIES

	CATALOG#	UPC	DESCRIPTION
	GD-BKH40-X	192552061667	BULKH40 ROUND CROSS GUARD BRONZE
	GD-BKH40-HM	192552061681	BULKH40 ROUND HALF MOON GUARD BRONZE
	GD-BKH40-FM	192552061704	BULKH40 ROUND FULL MOON GUARD BRONZE
	GD-BKH40-XW	192552061674	BULKH40 ROUND CROSS GUARD WHITE
	GD-BKH40-HMW	192552061698	BULKH40 ROUND HALF MOON GUARD WHITE
	GD-BKH40-FMW	192552061711	BULKH40 ROUND FULL MOON GUARD WHITE

ORDERING MATRIX

BULKH

Family	Wattage*	Color Temperature	Shape	Finish	Driver	Option	Battery Backup
BULKH							
	10	10/8/6W	BLANK	3000/4000/5000K	BLANK	120-277V, 0-10V Dimming**	BLANK
	15	15/12/9W	R	Oval	W	Bronze	None
	20	20/16/12W	RX	Round w/Grid Guard		White	/E Battery Backup ¹
	40	40/32/24W	H	Half Moon			
			FM	Full Moon			

* 10 and 20 available only in Oval; 15 only available in Round w/Grid Guard. 40 not available in Oval.

** 10 and 20 are not dimmable.

¹ Battery Backup is only available in 40.