

PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 FIXTURE TYPE: \_\_\_\_\_  
 NOTES: \_\_\_\_\_

# HR Round High Bay Gen 3



The *HR Series Round High Bay* is a one-for-one replacement for HID high bay luminaires that is designed to withstand harsh environments with its robust cast aluminum housing. This powerful luminaire produces as much as 29,000 lumens and offers 90° and 120° beam angle depending on the reflector used. With easy hook mounting or pendent installation, the HR Round High Bay is suitable for gymnasiums, factories, warehouses, etc.

## APPLICATIONS

Commercial, Retail and Institutional Applications, etc.

## REPLACEMENT

250W - 400W MH

## PERFORMANCE INFORMATION

SERIES NUMBER	WATT	LUMENS	CCT
HR 140 MD G3 4K	100W	14,000	4000K
HR 140 WD G3 4K	100W	14,000	4000K
HR 190 MD G3 4K	135W	19,200	4000K
HR 190 WD G3 4K	135W	19,200	4000K
HR 250 MD G3 4K	175W	25,000	4000K
HR 250 WD G3 4K	175W	25,000	4000K
HR 290 MD G3 4K	200W	29,000	4000K
HR 290 WD G3 4K	200W	29,000	4000K



HR G3 with Motion Sensor and Emergency Battery Pack

ORDERING GUIDE		EXAMPLE: HR 190 WD G3 4K					
Luminaire Type	Lumen Output	Beam Angle	Generation	Voltage	CCT	Reflector	Finish
HR Round High Bay	140 14,000 Lumens	MD*=Medium 90° WD=Wide 120°	G3	BLANK= 120-277V HVU 347-480V	4K 4000K	BLANK=No Reflector S16L-FC=16" Acrylic Shallow Reflector S16L-FC+S16-CDL+S16-CB=16" Acrylic Shallow Reflector with Conical Drop Lens (Clamp Band included) S16L-FC+S16-DL+S16-CB=16" Acrylic Shallow Reflector with Tapered Drop Lens (Clamp Band included) HR-AR=Aluminum Reflector (Open Bottom)	BLANK= Dark Bronze
	190 19,200 Lumens				5K 5000K		
	250 25,000 Lumens						
	290 29,000 Lumens						
		*NOTE: Medium Lens (90°) Not DLC Listed					

OPTIONS		
Individual Control	Surge Protector	Cord Sets
<p><b>MS-ACI-01</b>=Motion Sensor 120-277V (Choose 1)  <b>L3</b>= 2x Lens (Max 20ft Mounting Height)  <b>L7</b>= 2.5x Lens (Max 40ft Mounting Height)  <b>RM51</b>= Remote Control  <b>EMA-RH30D-UNV-170</b>= Emergency Battery Kit  <b>EMA-RH40D-UNV-170</b>= Emergency Battery Kit</p>	<p><b>SPD-277</b>= 5KA/10KV Surge Protection device, single phase protection with 120-277V input  <b>SPD-480</b>= 10KA/20KV Surge Protection device, single phase protection with 277-480V input</p>	<p><b>Cords</b> Standard 3ft power cord, 18 gauge with 3 conductors  <b>CS1</b> 6 ft power cord, Straight Cord, 18 gauge, 3 conductors, Black, Voltage will match fixture  <b>CS2</b> 6 ft power cord, Twist-Lock Plug Type, 3 conductors, Black, Optional with L5-15P, L5-20P, L6-15P, L7-15P, L7-20P, L8-20P. Gauge and voltage will match fixture. (Please confirm with SLG Sales before placing the order)  <b>CS4</b> 6 ft power cord, 16 Gauge, 3 conductors, SO Black Cord , No Plug, Voltage will match fixture  <b>CS5</b> 3.5 ft power cord, 18 Gauge, 5 conductors (Bring dimming leads out of fixture), Black cord, No Plug, Voltage will match fixture</p>

Due to continuous product improvements, specification and/or equipment updates may change without notice.

## SPECIFICATIONS

### HOUSING

Robust cast aluminum housing to withstand harsh or hostile environments. Housing includes evenly spaced fins to dissipate maximum amount of heat in order to achieve up to 131 °F (55 °C) ambient rating.

### AMBIENT TEMPERATURE

Operating temperature is -40 °C to 55 °C (-40 °F to 131 °F)

### MOUNTING

Hook mounting or pendant installation with conduit

### EFFICACY

Up to 142 lumens per watt (see individual wattage data)

### CCT AND CRI

4000 and 5000K CCT available; 70CRI

### OPTICS

Optional reflectors and drop lens provide 90° or 120° beam angle.

### LENS

Impact-resistant polycarbonate lens.

### REFLECTOR



S16L-FC



S16L-FC+S16-CDL+S16-CB



S16-DL



HR-AR

### WARRANTY

10-year limited warranty. Comprehensive warranty terms can be located on [www.slgus.com](http://www.slgus.com).

### ELECTRICAL

50/60Hz available in 120-277V. Standard 0-10V Dimming.

### ENERGY DATA

Power Factor above 90%.

### LIFE

L70 >100,000 hrs @ 25 °C

### FINISH

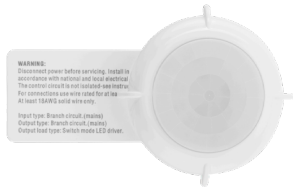
Polyester Powder Dark Bronze Finish

### CERTIFICATIONS

UL Listed for wet locations, IP65 Rating. FCC compliant. RoHs compliant. Design Lights Consortium® (DLC) Premium 5.1 qualified product for Wide Lens (120°) only. Not all versions of this product may be DLC qualified. Please visit [www.slgus.com](http://www.slgus.com) to confirm which versions are qualified.

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OPTIONS



**MS-ACI-01**  
Remote Configurable Dimmable Sensor



**MSB-13-L3/L7**  
Lens

Specifications

**Input Voltage**  
AC120-277V

**Output Voltage**  
AC120-277V

**Mounting Height**  
20-40 ft

**Operating Temperature**  
-30°C to 65°C (-22°F to 149°F)

**Frequency**  
50/60Hz

**Output Current**  
6A Max @ 120V, 2.5A Max @ 277V

**IP Rating**  
IP66

**Warranty**  
5 Year warranty

**Input Current**  
6A Max @ 120V, 2.5A Max @ 277V

**Output Power**  
700W Max

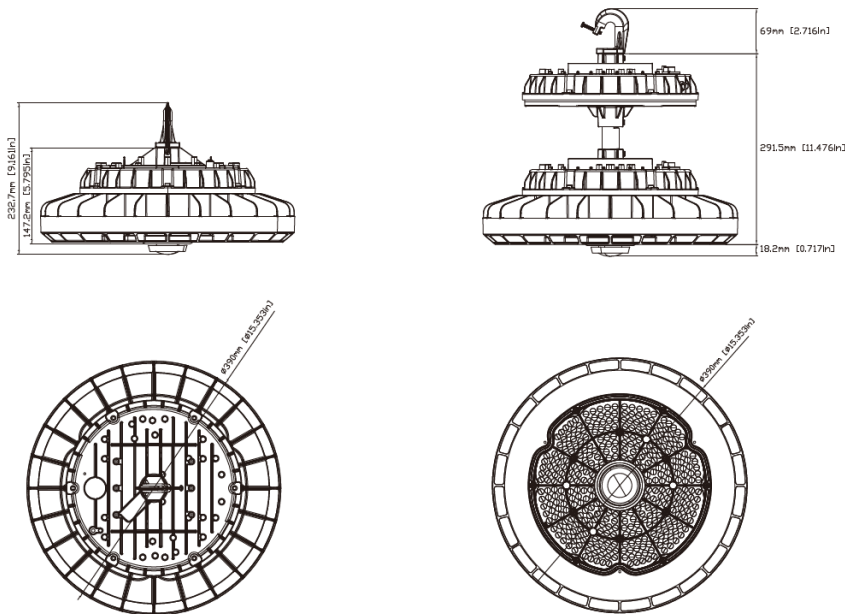
**Dimming**  
0-10V DC 10mA Max

**Input Power**  
700W Max

**Sinking Current**  
10mA Max

**Detection Range**  
32 - 80 ft

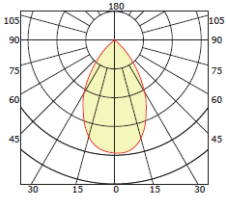
DIMENSIONS



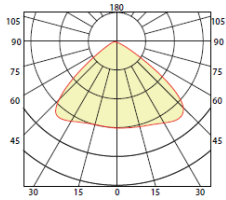
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## PHOTOMETRIC

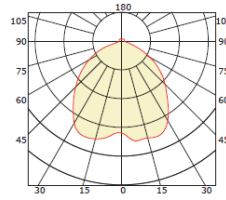
90 Degree Aluminum Reflector  
Luminous Intensity Distribution Curve



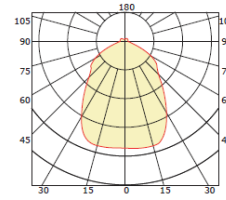
120 Degree lens  
Luminous Intensity Distribution Curve



Conical Bottom Lens  
Luminous Intensity Distribution Curve



Prismatic Drop Lens /  
Smooth flat lens  
Luminous Intensity Distribution Curve



## ELECTRICAL LOAD

Series Number	Wattage	Current (A)					
		120V	208V	240V	277V	347V	480V
HR 140 MD G3	100W	0.83	0.48	0.42	0.36	0.29	0.21
HR 140 WD G3	100W	0.83	0.48	0.42	0.36	0.29	0.21
HR 190 MD G3	135W	1.13	0.65	0.56	0.49	0.39	0.28
HR 190 WD G3	135W	1.13	0.65	0.56	0.49	0.39	0.28
HR 250 MD G3	175W	1.46	0.84	0.73	0.63	0.50	0.36
HR 250 WD G3	175W	1.46	0.84	0.73	0.63	0.50	0.36
HR 290 MD G3	200W	1.66	0.96	0.83	0.72	0.58	0.42
HR 290 WD G3	200W	1.66	0.96	0.83	0.72	0.58	0.42

## SHIPPING INFORMATION

Product number	Pieces per carton	Carton box size	Carton box weight
<b>HR 140 G3</b>	1	17" x 17" x 8"	14 lbs
<b>HR 190 G3</b>	1	17" x 17" x 8"	14 lbs
<b>HR 250 G3</b>	1	17" x 17" x 8"	14 lbs
<b>HR 290 G3</b>	1	17" x 17" x 8"	14 lbs

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