

# HR14 High Bay Round

HIGH / LOW BAY LIGHTING

**100-277V**

**LM79 LM80**

**IP63**



## PROJECT INFORMATION

Project Name \_\_\_\_\_

Catalog No. \_\_\_\_\_ Date \_\_\_\_\_

## DESCRIPTION

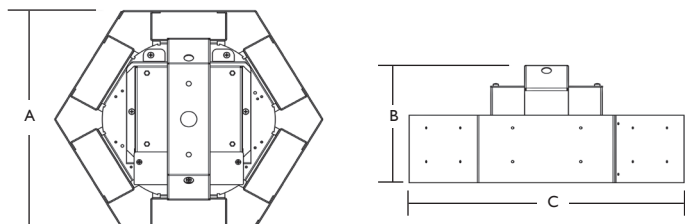
The ActiveLED® HR14 Series Round High Bay is designed for taller ceilings and larger areas to focus light more directly, creating powerful illumination at long range making it ideal for commercial and industrial applications such as warehouses and storage facilities.

Applications include: Gymnasiums, Warehouses, Manufacturing, and Storage Facilities.



HR14 Series Round High Bay

## DIMENSIONS



A	B	C
12.25"	6.93"	14.12"
31.11cm	17.60cm	35.86cm

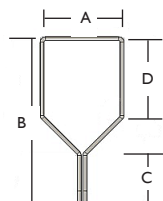
## FEATURES

- ActiveREST™ Dimming Technology - Fixture may be automatically dimmed when full light levels are not required. EXAMPLE - Dimming level 40 equates to less than 9% of actual watts being consumed.
- ThermalDRAW™ Cooling Technology - Patented cooling technology ensures LED components will equal or exceed warranty.
- LUM-INTENSE™ - LED lighting luminaire technology that combines recent advancements in LED Modules, Drivers and Optics to deliver more Lumens per Watt in a smaller package.
- LightSpace® Lighting Controls - Fixture is capable of being programmed and controlled either individually or as part of a lighting zone via remote sensors, switches or building management system (BMS).
- IR Receiver Plus Motion - Optional remote passive infrared (PIR) motion sensor with IR receiver for programmable Vacant-to-OFF and Vacant-to-Dim level programming.
- IR Receiver - Optional integral IR sensor only for ON-to-Dim programming.
- Warranty - 10 Year Warranty on LED elements, fixture housing, and LED Driver. Eligible for extended two year warranty. See page 2 for additional warranty information.

## MOUNTING AND OPTIONS



00-27-0013-0001  
Pendant Connect for  
HR Series Fixtures



A	B	C	D
1.65"	3.31"	0.96"	1.56"
4.78 cm	8.39 cm	2.42 cm	3.96 cm



LIGHT OUTPUT  
**10,500 lm**

WATTS  
**75 W**

LUMENS per WATT  
**140 lm/W**

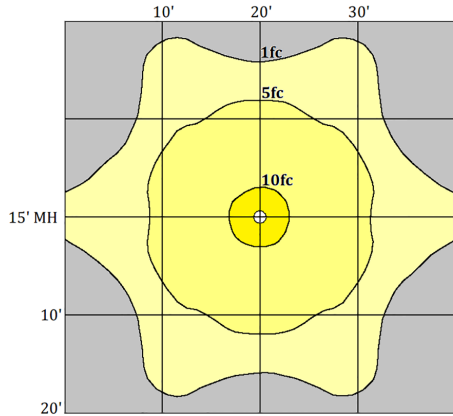
LIGHT COLOR (CCT)  
**5,000 K**

**ActiveLED®**  
Energy Efficient Lighting and Controls

NOTE: For more Lighting Facts, visit [lightingfacts.com](http://lightingfacts.com) for the Label and Label Reference Guide.



## PHOTOMETRICS



## PERFORMANCE DATA

AMBIENT TEMPERATURES	0 HOURS	45,000 HOURS	90,000 HOURS
77°F (25°C)	1.00	0.99	0.99
104°F (40°C)	1.00	0.98	0.96
131°F (55°C)	1.00	0.96	0.92
140°F (60°C)	1.00	0.95	0.90

Projected Lumen Maintenance (TM-21)

NOTE: Calculated using data collected according to LM-80 lumen maintenance on the LED package.

## GENERAL SPECIFICATIONS

Input Voltage	Auto-sensing, 100-277 Volts AC, 50/60 Hz; Auto-sensing, 300-480 Volts AC, 50/60 Hz	LED Optics	IP63 rated, precision extruded aluminum reflector/heat sink, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system.
Input Power	48 and 72 LED Watts 50 and 75 Input Watts	CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Power Factor	> 0.95 (at ~100-277 Volts)	Housing	Fabricated aluminum 0.90 thickness, for heat sinking parts, electroplated galvanized steel for top enclosure and shroud, stainless steel hardware.
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)	Finish	Powder coated after fabrication
Driver	Integral driver with aluminum housing, integrated intelligent controls and integral heat sink	Dimensions	12.25" x 6.93" x 14.12" (31.11 x 17.60 x 35.86 cm)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	6.8 lbs (3.08 kg)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)		

## WARRANTY

Ten (10) Year Warranty - LEDs, Fixture, and Driver shall conform to its published specifications under normal usage and operating conditions including "no light loss" of more than 10% at the end of the period. LEDs will produce at least 90% of their initial light output with no color shift after 90,000 hours of operation. Extended 2 year warranty available when fixture is used in conjunction with an ActiveLED Surge Protection Device (SPD). See "Limited Warranty for Ringdale Industries and ActiveLED Lighting Products" for more information.

## LISTINGS AND TESTS

cUL listed driver, ULI598, CE, suitable for damp locations. RoHS compliant. IP63 Rated optical assembly. LM-79 and LM-80 info available. Conforms to FCC Part 15.19 Subpart B Class A. DLC certified. Made in USA - ARRA Compliant.

## ORDERING INFORMATION

Example: HRI4U-S-W5048SL-M

Style	Voltage	Mount	Optics	CCT	Watts	Color	Options
<b>HRI4</b> 14" Round High Bay	<b>U</b> - 100-277 VAC, 50/60 Hz. <b>6</b> - 300-480 VAC, Single Voltage, 50/60 Hz., <b>N</b> - None <sup>1</sup> <b>E</b> - 45/48 VDC Driver <sup>2</sup>	<b>S</b> Suspended Eyelets	<b>W</b> Wide	<b>50</b> 5,000K <b>40</b> 4,000K <b>35</b> 3,500K <b>30</b> 3,000K <b>27</b> 2,700K	<b>48</b> 48W LED, 50W Max (7000 Lumens) <b>72</b> 72W LED, 75W Max (10,500 Lumens) Lumens at 5,000K	<b>SL</b> Silver <b>BK</b> Black <b>BR</b> Brown <b>BZ</b> Bronze <b>CG</b> Charcoal <b>WH</b> White <b>X</b> Custom	<b>M</b> Motion w/ IR Receiver, Programmable <b>P</b> Pigtail, 6' AC Whip, Indoor

<sup>1</sup> Requires remote driver. Consult factory.

<sup>2</sup> No AC Support.