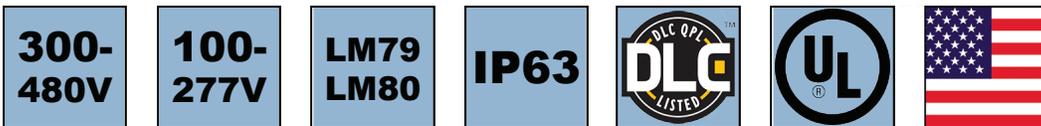


# HR16 High Bay Round

HIGH / LOW BAY LIGHTING



## PROJECT INFORMATION

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

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

## DESCRIPTION

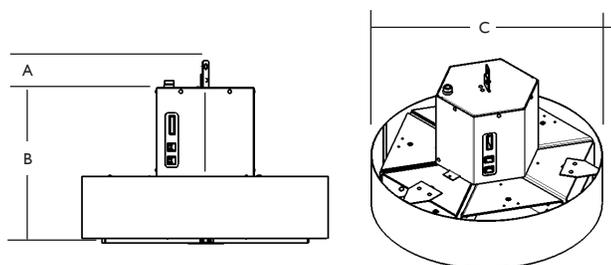
The ActiveLED® HR16 Series Round High Bay is designed to give a clean, even pattern of light over an extended indoor area from a mounting height of between 20' to 25'. This fixture consumes 50-85 percent less energy than conventional HID lighting and is a reliable light source with a minimum 90,000-hour lumen life (90% Luminous Flux), making it a maintenance free solution for applications where changing lamps and ballasts can be hazardous and expensive.

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



HR16 Series Round High Bay

## DIMENSIONS



A	B	C
1.35"	10"	16"
3.49 cm	25.4 cm	40.6 cm

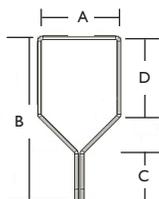
## FEATURES

- 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.
- 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. 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

**5,983** lm

WATTS

**72.1** W

LUMENS per WATT

**82.98** lm/W

LIGHT COLOR (CCT)

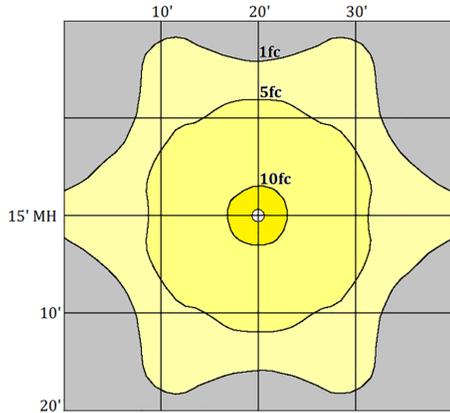
**4,920** K

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

**ActiveLED®**  
Energy Efficient Lighting and Controls



## 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	75 Input Watts, 72 LED 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	16" Diameter x 10" High (40.6 x 25.4 cm)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	13 pounds (6 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.

## LISTINGS AND TESTS

cUL listed driver, UL1598, 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: HRI6U-S-T50144SL-M

Style	Voltage	Mount	Optics	CCT	Watts	Color	Options
<b>HRI6</b> 16" 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>N</b> Narrow <b>N2</b> Narrow with 24W Up-Shining <b>T</b> Traditional <b>T2</b> Traditional with 24W Up-Shining <b>W</b> Wide <b>W2</b> Wide with 24W Up-Shining	<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>72</b> 72W LED, 75W Max (5983 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 <b>R</b> IR Receiver Only, Programmable

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

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