

HR24 High Bay Round

HIGH / LOW BAY LIGHTING

300-480V

100-277V

**LM79
LM80**

IP63



PROJECT INFORMATION

Project Name _____

Catalog No. _____

Date _____

DESCRIPTION

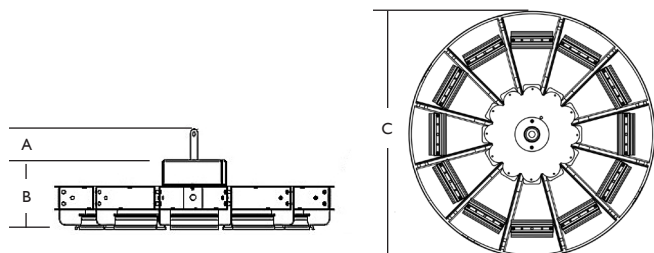
The ActiveLED® HR24 Series Round High Bay is designed to give a clean, even pattern of light over an extended indoor area from a mounting height of between 20' to 50'. This fixture consumes 50-85 percent less energy than conventional HID lighting and is a reliable light source with a minimum 90,000-hour 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: Gymsnasiums, Warehouses, Manufacturing, and Storage Facilities.



HR24 Series Round High Bay

DIMENSIONS



A	B	C
2"	10"	24"
5.08 cm	25.4 cm	60.96 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



Optional Shroud

LIGHT OUTPUT

12,852 lm

WATTS

149.5 W

LUMENS per WATT

85.97 lm/W

LIGHT COLOR (CCT)

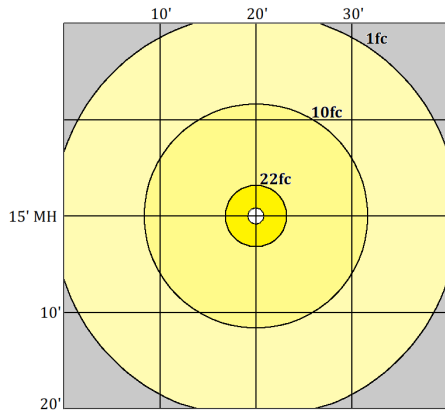
4,960 K

ActiveLED®
Energy Efficient Lighting and Controls

NOTE: For more Lighting Facts, visit 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	150 Input Watts, 144 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	24" Diameter x 10" High (60.96 x 25.4 cm)
Operating Temperature	-58° F to 149° F (-50° C to 65° C)	Weight	25 pounds (11.3 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, UL 1598, 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. Made in USA - ARRA Compliant.

ORDERING INFORMATION

Example: HR24U-S-T50144SL-M

HR24		S			144		
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Style	Voltage	Mount	Optics	CCT	Watts	Color	Options
HR24 24" Round High Bay	U - 100-277 VAC, 50/60 Hz. 6 - 300-480 VAC, 50/60 Hz., Digitally & BBU Enabled N - None ¹ E - 45/48 VDC Driver ²	S Suspended Eyelets	N Narrow N2 Narrow with 24W Up-Shining T Traditional T2 Traditional with 24W Up-Shining W Wide W2 Wide with 24W Up-Shining	50 5,000K 40 4,000K 35 3,500K 30 3,000K 27 2,700K	144 144W LED, 150W Max (11365 Lumens) Lumens at 5,000K	SL Silver BK Black BR Brown BZ Bronze CG Charcoal WH White X Custom	K Shroud M Motion w/ IR Receiver, Programmable P Pigtail, 6' AC Whip, Indoor R IR Receiver Only, Programmable S Surge Protection Device (SPD) V Shroud, Motion w/ IR Receiver, Programmable

¹ Requires remote driver. Consult factory.

² No AC Support.