300-480V   **100-277V**   **LM79 LM80**   **IP65**   DLC QPL LISTED   UL   [US Flag]

PROJECT INFORMATION

Project Name

Catalog No.   Date

HS48 Extra Wide*

DESCRIPTION

The ActiveLED® HS48 Series High Bay Strip is designed to give a clean, even pattern of light over an extended indoor area from a mounting hight of between 15' to 20'. 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. Available in both linear and round LEDs.
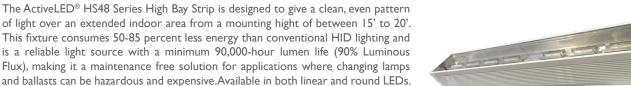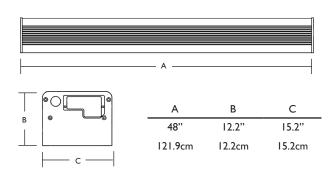
Applications include: Gymnasiums, Warehouses, Manufacturing, and Storage Facilities.

* Extra Wide Pattern DLC Listed.

HS48

DIMENSIONS

A	B	C
48"	12.2"	15.2"
121.9cm	12.2cm	15.2cm

MOUNTING OPTIONS

A.   Suspended Eyelets for Suspension from Ceiling
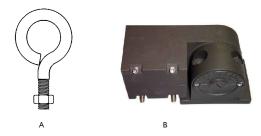B.   Knuckle Tenon Mounted Middle Back

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).
- **Battery Backup Enabled** - This option provides 48V DC support for an Emergency Battery Backup Unit (BBU sold separately) creating an Emergency LED Light Fixture.
- **Dusk/Dawn Sensor** - Optional photocell allows fixture to automatically turn on or off based on daylight detection.
- **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.
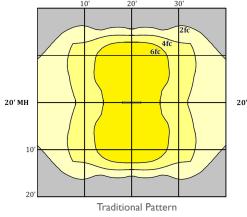
ELIGIBLE FOR EXTENDED 2 YEAR — TOTAL **12** YEAR WARRANTY

LIGHT OUTPUT	WATTS	LUMENS per WATT	LIGHT COLOR (CCT)
15,000 Lm	**100**W	**150** Lm/W	**5,000** K

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Energy Efficient Lighting and Controls

NOTE: Lighting Facts shown for Extra Wide 96W only.
For more Lighting Facts, visit lightingfacts.com for the Label and *Label Reference Guide*.

PHOTOMETRICS

Traditional Pattern

Extra Wide Pattern

PERFORMANCE DATA

AMBIENT TEMPERATURES	90,000 HOURS
77°F (25°C)	0.99
104°F (40°C)	0.96
131°F (55°C)	0.92
140°F (60°C)	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
Input Power	52 to 104 Input Watts, 48 to 96 LED Watts
Power Factor	> 0.95 (at ~100-277 Volts)
THD	Total Harmonic Distortion (THD) <20% (typical 9.9%)
Driver	Integral driver with integrated intelligent controls and integral heat sink
Operating Temperature	-58° F to 149° F (-50° C to 65° C)
Lumen Lifetime	L90/90K Hrs @ 60° C (90,000 Hrs with 90% Luminous Flux)

LED Optics	IP65 rated, thermally bonded LEDs, borosilicate glass lens w/silicone sealing. Patented thermal management mounting system
CCT	2700K, 3000K, 3500K, 4000K, or 5000K
Housing	Extruded aluminum housing, extruded specular aluminum reflectors, LEDs with clear patterned glass optics and Stainless Steel hardware.
Finish	Powder coated after fabrication
Dimensions	48" Long x 4.8" High x 6" Wide (121.9 x 12.2 x 15.2 cm)
Weight	26.4 pounds (12kg)

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, UL1598, CE, DLC listed, suitable for interior locations. RoHS compliant. IP65 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: HS48U-S-XN5096SL-C

| HS48 | | | | | | | | |

Style	Voltage	Mount	Optics	Diffuser	CCT	Watts	Color	Options
HS48 48" High Bay Strip Light	**U** 100-277 VAC, 50/60 Hz.	**S** Suspended Eyelets	**F** - All Forward	**A** - Polychromatic	**50** 5,000K	**48** 48W LED, 52W Max	**SL** Silver	**B** - Battery Backup
	6 300-480 VAC, 50/60 Hz., Digitally	**2K** Knuckle Tenon Center	**G** - Growlight	**B** - Translucent Acrylic	**40** 4,000K	**72** 72W LED, 75W Max	**BK** Black	**C** - Digital Management
	S Solar Integrated, DC Only Driver		**L** - All Left	**C** - High Impact	**35** 3,500K	**96** 96W LED, 104W Max	**BR** Brown	**D** - Dusk-to-Dawn
			N - Narrow	**D** - Mottled Glass	**30** 3,000K	**15,000 Lumens at 5,000K**	**BZ** Bronze	**F** - Dusk-to-Dawn w/ Digital Management
	N None[1]		**R** - All Right	**E** - Etched Clear Low FE	**27** 2,700K		**CG** Charcoal	**G** - Battery Backup plus Digitally Managed plus Motion and IR
	E 45/48 VDC Driver[2]		**T** - Traditional	**F** - Clear Low FE (Default)			**WH** White	**M** - Motion plus IR Receiver
			U - Wall Wash	**G** - Bullet Proof			**X** Custom	**P** - Pigtail, 6' AC Whip, Indoor
			X - Extra Wide[3]	**N** - For Extra Wide Optics[3]				**R** - IR Receiver Only

[1] Requires remote driver. Consult factory.
[2] No AC Support.

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