

LED HIGH BAY (XHB3)



US patent 7,828,456 and US & Int'l. patents pending

SMARTTEC™ ENERGY SAVING FEATURES:

THERMAL CONTROL - Sensors in the driver enclosure and optical unit reduce drive current when elevated ambient temperatures increase LED temperatures above design limits.

INTEGRAL MOTION SENSOR (IMS) - Choice of 2 optional internal passive infrared motion sensor activated switching of luminaire light levels, either 0 or 30% of power. High level light is activated when activity is sensed in target zone. High light level is increased to full bright in 1-2 seconds upon detection. Low light level (0 or 30% of power) is activated when target zone is absent of motion activity for ~ 2 minutes. Upon inactivity, light level is gradually ramped down (10-15 sec.) to low level to allow eyes time to adjust.

DIMMING (DIM) - 0-10V dimming enabled.

EXPECTED LIFE - Up to 100,000 hours. See LSI web site for specific guidance.

LEDS - Choose from two array choices (104 or 128 LED), which feature select high brightness LEDs; 5300K color temperature, 70 CRI (nominal).

DRIVE CURRENT - Available in 350mA and 450 mA.

DISTRIBUTION/PERFORMANCE - Symmetric distribution – high efficiency reflector provides exceptional uniformity and vertical illumination without glare.

HOUSING - Housing is die-formed aluminum. Designed to resist birds and accumulation of dust and debris. Access panel provides one-screw access to driver and wiring connections.

OPTICAL UNIT - Featuring an ultra-slim 1" profile, housing is die-formed aluminum with a clear tempered glass lens. Unit is water-resistant, sealed to an **IP67** rating. Patented integral single blade heat sink does not trap dirt and grime, ensuring cool running performance over the life of the fixture.

THE INDUSTRY'S ONLY BREATHABLE SEAL - Teflon® breather allows super-tight **IP67** protection while preventing temperature cycling from building up internal pressures and vacuums that can stress optical unit seals and components.

INSTALLATION - Hook and 6' cord (plug not included) or 3/4" pendant mount are available. Fixture weight less than 25 lbs.

ELECTRICAL - Available with universal voltage power supply (120-277 VAC, 50/60 Hz input), 347 VAC and 480 VAC. Two-stage surge protection (including separate surge protection built into electronic driver) meets IEEE C62.41.2-2002, Scenario 1, Location Category C.

DRIVER - Proprietary, state-of-the-art SmartTec™ driver technology provides unsurpassed system efficiency, control and protection. Components are fully encased in potting for **IP68** moisture resistance. Complies with IEC and FCC standards.

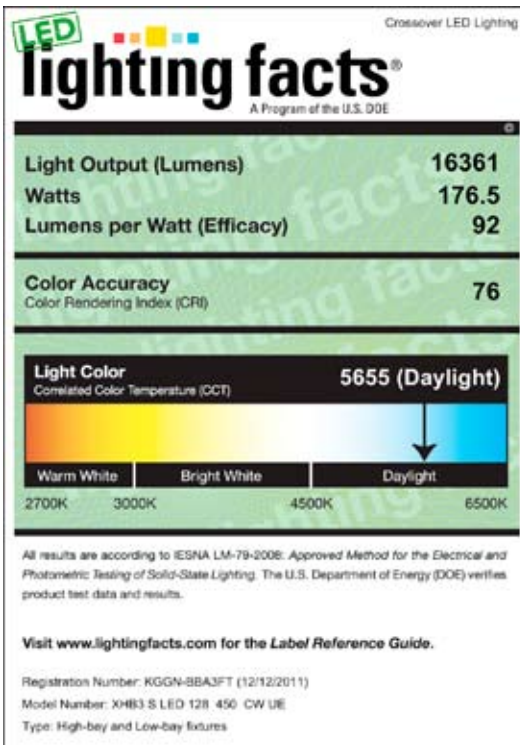
OPERATING TEMPERATURE - -40°C to +40°C (-40°F to 104°F).

FINISH - Standard color is white. Finished with LSI's DuraGrip® polyester powder coat process.

WARRANTY - Limited 5-year warranty.

LISTING - ETL listed to UL1598, UL8750 and other U.S. and international safety standards. Suitable for damp locations.

PHOTOMETRICS - Application layouts are available upon request.
Contact lighting.apps@lsi-industries.com.



LIGHT OUTPUT - XHB3				
	# of LEDs	Distribution / Lumens	Watts	LPW
450 mA	104	10,870	113	96
	128	13,020	138	94
	104	13,000	146	89
	128	16,361	176	93

SHIPPING WEIGHTS - XHB3			
	UE	347	480
104	25.6	29.0	29.0
128	25.6	30.2	30.2



Suitable for damp locations



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LUMINAIRE ORDERING INFORMATION

TYPICAL ORDER EXAMPLE: **XHB3 S LED 128 450 CW UE HM6 WHT**

Prefix	Distribution	Light Source	# of LEDs	Drive Current	Color Temperature	Input Voltage	Mounting	Finish	Options
XHB3	S-Symmetric	LED	104 128	350 - 350mA 450 - 450mA	CW - Cool White	UE - Universal Voltage (120-277 AC) 347-480	HM6 - Hook and 6' Cord (standard) PM - Pendant Mount (3/4")	WHT - White	IMS0 - Integral Motion Sensor (0% power) IMS30 - Integral Motion Sensor (30% power) DIM - 0-10V Dimming¹

1- 0-10V dimming available in 350mA only.

DIMENSIONS

