

# LED INDUSTRIAL HIGH BAY

## Luminaires for Industrial High Bay Applications

### HBK SERIES

#### PRODUCT FEATURES:

- » 6-strip linear high-output LED configuration delivers more than 32,000 lumens
- » Suspended ceiling mounted 2' x 4' design
- » Replaces linear fluorescent and HID high bay luminaires in industrial settings



#### PROJECT INFORMATION

Job Name \_\_\_\_\_  
 Fixture Type \_\_\_\_\_  
 Catalog Number \_\_\_\_\_  
 Approved by \_\_\_\_\_

#### SPECIFICATIONS

**HOUSING:** One-piece, seam-welded 20-gauge cold-rolled steel. Gloss white TGIC polyester powder-coat finish with five-stage pre-treatment.

**MOUNTING:** Four (4) corner mounting points. Suspended by chain or aircraft cable (not supplied). Supply connection through 0.875" diameter knockout or optional SJT power cable.

**DISTRIBUTION TYPE:** Lambertian distribution for general area lighting.

**LENS:** Open construction or impact-resistant 0.125" clear polycarbonate.

**ELECTRICAL:** Replaceable mid-power LED array. See Ordering Information for color temperature and CRI options. Color consistency <3 SDCM. 120-277VAC, 50/60Hz electrical input with serviceable high power factor electronic constant-current driver (PF >0.95, THD <20%). Standard 0-10V dimming with 1-100% range with dim-to-dark capabilities; ≤250µA source current. EMC meets FCC Part 15, Class A limits. For CP option, cord is supplied with L5-15P plug for 120V and L7-15P plug for 277V.

**TEKLINK™ TL50:** An independent lighting control system integral to the luminaire, featuring its own occupancy sensor, daylight harvesting and adjustable time-out/dimming settings.

**PHOTOMETRICS:** Photometry tested to the IESNA LM-79-08 standard by an ILAC/ISO17025 accredited laboratory. For additional photometric data, please go to [www.kenall.com](http://www.kenall.com).

**WARRANTY:** Limited five (5) year LED warranty.

**NOTE:** -40°C and 40°C ambient temperature rated open lens (25°C on lensed unit).

**LISTINGS:** Luminaire is certified to UL standards by Intertek Testing Laboratory for Dry Locations.



#### ORDERING INFORMATION (Ex: HBK24-220L-40K8-DCC-DV-2H-O)

Model	Mounting Type	Lamp Power	Lamp Color	Driver Type	Voltage	Housing/Finish	Lens Type	Options	TekLink	Controls Kit
<b>HBK24</b>	<b>SM</b>			<b>DCC</b>		<b>2H</b>				

**Mounting Type**  
**SM** 4-Point Suspended Mount

**Lamp Power**  
**110L** 110W LED  
**220L** 220W LED

**Lamp Color**  
**30K8** 3000K/80CRI min  
**35K8** 3500K/80CRI min  
**40K8** 4000K/80CRI min  
**50K8** 5000K/80CRI min

**Driver Type**  
**DCC** Dimming Constant Current

**Voltage**  
**DV** 120-277 Volts  
**120** 120 Volts  
**277** 277 Volts

**Housing/Finish**  
**2H** 20-Ga CRS; White Powder Coat

**Lens Type**  
**O** Open (no lens)  
**G** .125" Clear Polycarbonate

**Options**  
**CP** 8' Black SJT Cord with Locking Plug (n/a with DV or Dimming)  
**FS** In-Line Fuse and Holder  
**LEL\*** Remote Emergency Battery Pack

**TekLink**  
**TL50** TL50 Control System ([Click here for specifications](#))

Please consult Kenall Applications when ordering Controls

**Controls Kit**  
 < > Internal Code

\* Suitable for dry locations and 0°C-40°C ambient temperatures. Factory wired as an unswitched fixture when ordered in conjunction with the CP option (should be connected to an unswitched branch circuit).



[www.kenall.com](http://www.kenall.com) | P: 800-4-Kenall | F: 262-891-9701 | 10200 55th Street Kenosha, Wisconsin 53144, USA

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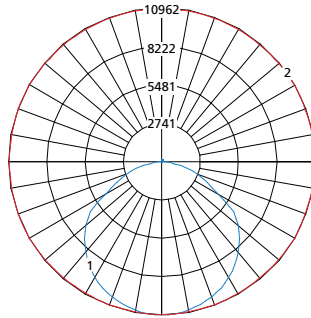
### HBK SERIES

#### PERFORMANCE

Lamp Type	Initial Delivered Lumens		Input Power (W)	Estd. L70 LED Life (Hrs)
	@ 25°C	Efficacy (lm/W)		
110L-30K8	14,910	122	123	60,000
110L-35K8	15,371	125		
110L-40K8	15,895	130		
110L-50K8	16,189	132		
220L-30K8	29,819	122	245	60,000
220L-35K8	30,741	125		
220L-40K8	31,790	130		
220L-50K8	32,379	132		

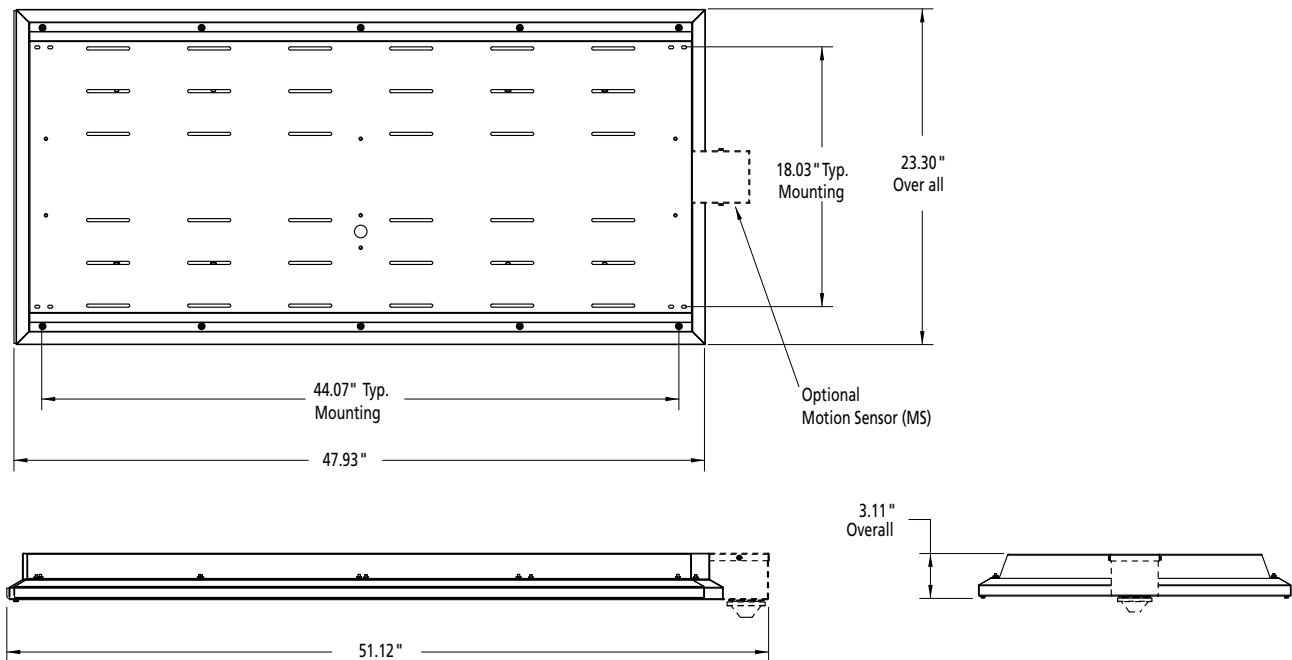
Displayed information is for selected luminaires only. Visit [www.kenall.com](http://www.kenall.com) for additional information.

Model: HBK24-220L-50K8-DCC-DV-2H



Max Candela = 10962 Located At Horizontal Angle = 90, Vertical Angle = 5  
 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

#### DIMENSIONAL DATA



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