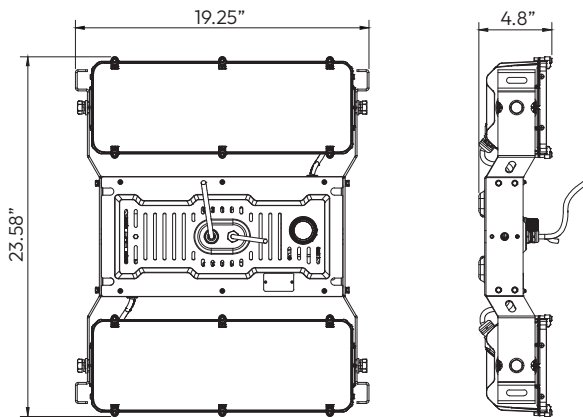


LIH SERIES

INDUSTRIAL LIGHTING

LIH-2S-600W-50K-43D

Natatorium Indirect LED High Bay, Single Adjustable Light Head



Technical Drawing: 23.58" (H) x 19.25" (W) x 4.8" (D)

- The LIH-2S-600W-50K-43D is a dual-head indirect LED high bay designed especially for natatoriums and other demanding indoor high-bay applications. Two independently adjustable light heads provide flexible indirect illumination and can be rotated up to 180° to optimize distribution for the space. The fixture delivers up to 88,320 lumens with selectable 600W, 450W, and 300W operation, 0-10V dimming, a 43° symmetrical optical distribution, IP65 protection, IK08 impact resistance, and C4 corrosion resistance. The fixture is supplied without mounting hardware, allowing the appropriate suspension chain, yoke, or 3/4" stem-mounting accessory to be selected for each installation.

Customer Name:

Project Name:

Note:

Type:

FEATURES:

- Designed for natatorium and indoor high-bay applications
- Indirect optical design helps reduce direct glare in high-ceiling environments
- Independent head adjustment allows the distribution to be tailored to the space
- 180° light-head adjustment for precise field aiming
- Field-selectable power provides three output levels from one fixture
- Optional short glare shields help minimize light spill and improve visual comfort

SPECIFICATIONS:

ELECTRICAL:

- 120-277VAC, 50/60 Hz
- Power selectable: 600W / 450W / 300W
- Field-selectable output: 100% / 75% / 50%
- 0-10V dimming
- Constant-current LED driver
- Power factor: >0.90
- THD: <20% at 277VAC
- Surge protection: 6kV line-to-neutral and line/neutral-to-ground
- Flicker factor: <1%
- Operating temperature: -22°F to 122°F
- Class I electrical construction

MECHANICAL:

- Dual-head modular construction
- Aluminum-alloy housing and heatsinks
- White RAL 9016 powder-coated finish
- Polycarbonate optical components
- IP65 rated, IK08 impact resistance
- C4 corrosion category per ISO 9223:2012
- Housing and mounting components tested to 1,000-hour salt spray exposure
- Fixture dimensions with suspension configuration: 19.25" x 23.58" x 4.80"
- Fixture weight with suspension configuration: 35.49 lbs.
- Safety-rope attachment provisions

LIGHTING:

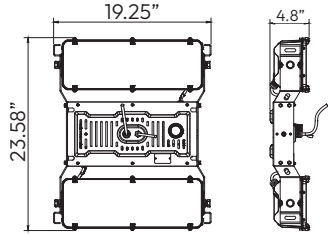
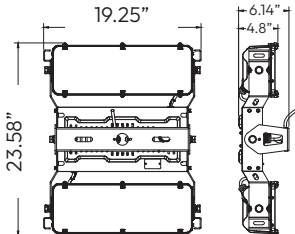
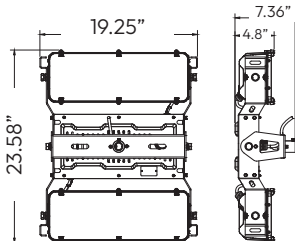
- 88,320 lumens at 600W, Up to 166 LM/W
- 5000K CCT
- 80 CRI
- 43° symmetrical beam distribution
- LED 5050 light source
- Light heads rotate up to 180° for field-adjustable light distribution
- Dual modules support 30° tilt configuration with the 43° symmetrical optic
- Etched frosted glass provides soft, uniform indirect illumination

PERFORMANCE TABLE

MODEL NO.	WATTAGE	LUMEN	COLOR TEMP	LPW
LIH-2S-600W-50K-43D	300W	49700LM	5000K	166
	450W	69750LM		155
	600W	88320LM		147

ACCESSORIES

Fixture does not include a mounting accessory. One compatible mounting accessory is required for installation.

MODEL NO.	DESCRIPTION	IMAGE
LIH-SUSKIT	LIH Series suspension chain kit	  23.58" (H) x 19.25" (W) x 4.8" (D)
LIH-YK	LIH Series yoke-mounting kit	  23.58" (H) x 19.25" (W) x 6.14" (D)
LIH-SMA	LIH Series 3/4" stem-mounting adapter	  23.58" (H) x 19.25" (W) x 7.36" (D)

OPTIONAL ACCESSORY

MODEL NO.	DESCRIPTION	IMAGE
LIH-SH1	Short glare shield / shroud - One LIH-SH1 required per light head - LIH-2S requires 2 glare shields when this accessory is used	