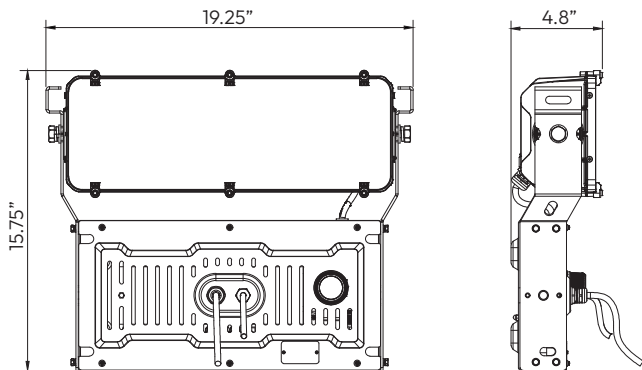


LIH SERIES

INDUSTRIAL LIGHTING

LIH-1S-300W-50K-43D

Natatorium Indirect LED High Bay, Single Adjustable Light Head



Technical Drawing: 15.75" (H) x 19.25" (W) x 4.8" (D)

- The LIH-1S-300W-50K-43D is a single-head indirect LED high bay designed especially for natatoriums and other demanding indoor high-bay applications. Its indirect optical configuration, 43° symmetrical distribution, and 180° adjustable light head provide controlled illumination while helping reduce direct glare. The fixture delivers up to 46,070 lumens with selectable 300W, 225W, and 150W operation, 0-10V dimming, 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 the application.

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
- 180° adjustable light head allows illumination to be aimed for the application
- Field-selectable power provides three output levels from one fixture
- Optional short glare shield helps minimize light spill and improve visual comfort
- IK08 impact-resistant construction
- C4 corrosion resistance suitable for demanding environments

SPECIFICATIONS:

ELECTRICAL:

- 120-277VAC, 50/60 Hz
- Power selectable: 300W / 225W / 150W
- 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:

- Single-head modular construction
- Aluminum-alloy housing and heatsink
- 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 weight with suspension configuration: 22.49 lbs.
- Safety-rope attachment provisions
- Adjustable light head incorporates positioning scale for controlled optical aiming

LIGHTING:

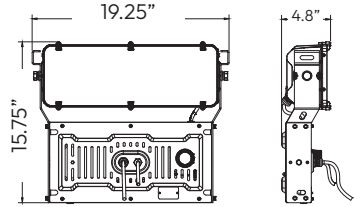
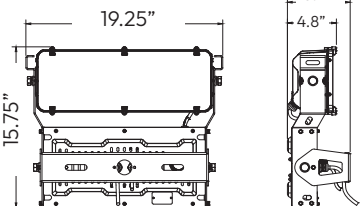
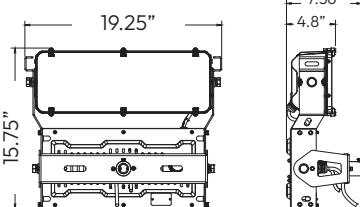
- 46,070 lumens at 300W
- Up to 165 LM/W
- 5000K CCT
- 80 CRI
- 43° symmetrical beam distribution
- LED 5050 light source
- Light head rotates up to 180° for field-adjustable light distribution
- Etched frosted glass provides soft, uniform indirect illumination

PERFORMANCE TABLE

MODEL NO.	WATTAGE	LUMEN	COLOR TEMP	LPW
LIH-IS-300W-50K-43D	150W	24820LM	5000K	165
	225W	34875LM		155
	300W	46070LM		154

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	  15.75" (H) x 19.25" (W) x 4.8" (D)
LIH-YK	LIH Series yoke-mounting kit	  15.75" (H) x 19.25" (W) x 6.14" (D)
LIH-SMA	LIH Series 3/4" stem-mounting adapter	  15.75" (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-IS requires 1 glare shield when this accessory is used	