

Basic Collection

LINEAR HIGHBAYS

Discontinued
Contact Fulham for availability. Not for use in new designs.



LH01 Induction Linear Highbay Series



The **LH01 Induction Linear Highbay Series** can be used in a variety of ceiling or wall mount applications including warehouse facilities, factories, stadiums, highbay/lowbay applications, and exhibition halls. Optimized for heights of 15ft to 40ft. LH01 provides optimal light distribution with its anodized aluminum reflector and open lamp compartment. This reliable induction system operates well in cold temperatures and reduces on-site glare compare to HID and effective security light levels. The long life and superior lumen maintenance of Induction significantly reduces maintenance costs and provides a significant reduction in the total cost of ownership.

APPLICATION -

- Stadiums
- Factories
- Warehouse Facilities
- Exhibition Halls
- Intended use for Replacements of HID Ceiling or Wall Mounted Luminaries

- Airports
- Supermarkets
- High/Low Bay Applications

CONSTRUCTION -

- Square Profile Aluminum Housing
- Standard Powder Coated Finish: White
- Open Lamp Compartment
- Die Cast Generator, Externally Mounted for Thermal Management

- Lamp and Generator are Easy Accessible
- Horizontal Mount with Pendant Mount
- Option: "L" Bracket for Ceiling Mount

ELECTRICAL -

- Universal Voltage (120V – 277V)
- High Power Factor (>.95)
- Input Frequency: 50/60 Hz
- Operating Frequency: 250 kHz
- CSA: 208V-347V
- CE: 208V-240V

- Generator Type: Class P Type 1 outdoor
- THD %: < 10%
- Pre-Wired Output Connector (Plug and Play)
- Constant Wattage Output With Less Than 3% Variance
- Ambient Temperature Rating: -20°C to 40°C

LAMP TYPE/WATTAGES -

- Tubular Induction Lamp Available: 400W
- Standard Kelvin Temperature is 5000K: Provides a Cooler Color Temperature
- Low Lumen Depreciation, >70% at Lumen Maintenance 60,000 Hours

- Wide Range of Color Temperature Options 2700K – 6500K¹ Available
- Pre-Wired Input Connector

COMPLIANCE -

- UL listed – UL 1598 (E363375)
- cUL listed – UL 1598 (E363375)
- CSA listed¹: 400W
- CE listed¹: 400W

- IP20: For use in Dry Locations only
- Surge Immunity – IEC 61000-4-5: Class 4
- FCC Part 18-A

OPTICS -

- Specular Polished Surface Reflector Finish
- Precision Formed Anodized Reflector

- Type II Distribution

WARRANTY -

- Five-year Limited Warranty

DIE CAST INDUCTION GENERATOR

TUBULAR INDUCTION
400W

MOUNTING HEIGHT
15' TO 40'



Actual performance may differ as a result of end-user environment and application.
Note: Specifications subject to change without notice.

NOTE:
¹ Consult with your sales representative for availability.

ORDERING OPTIONS

Lead times will vary depending on options selected. Consult with your sales representative.

ORDERING OPTIONS						
TYPE	SERIES	LAMP	WATTAGE	LENS	MOUNTING	ORDERING OPTIONS
LH = LINEAR HIGHBAY	01 = 01 SERIES	T = TUBULAR	400 = 400W	BLANK = NO LENS	E= PENDANT Q = "L" BRACKET ¹	BLANK = 5000K 27 = 2700K 30 = 3000K 40 = 4000K 60 = 6000K 65 = 6500K Z = CE ¹ J = CSA ¹

Example: LH-01-T400-E (Linear Highbay 01 series Tubular 400W lamp with pendant mount)

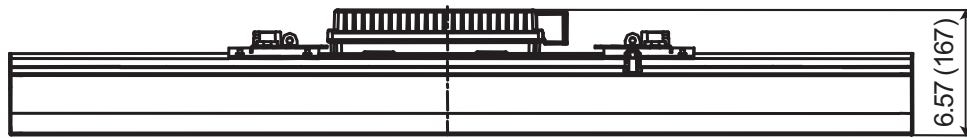
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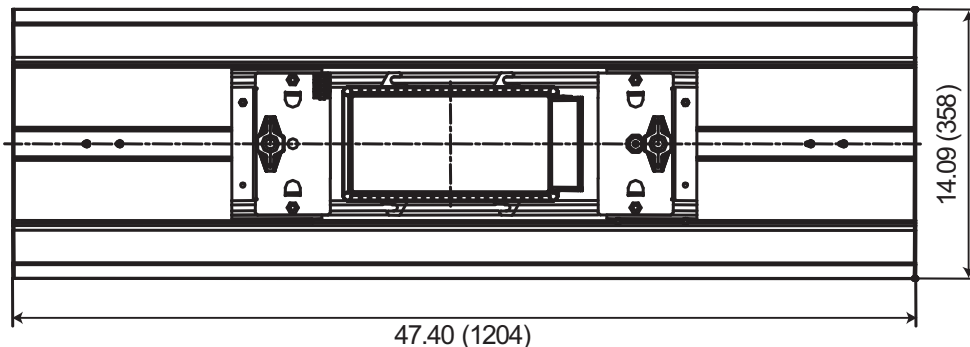
ELECTRICAL CHARACTERISTICS

MODEL NO.	RATED WATTAGE (W)	INPUT POWER (W)	INPUT CURRENT 120V - 277V (AMP)	LAMP RATED INITIAL LUMINANCE (LM)	EFFICACY (LM/W)	LUMEN MAINTENANCE	COLOR RENDERING INDEX	CCT (KELVIN)
LH01-T400	400	420	3.50 -1.52	36000	85 - 90	70%-75%	> 80	5000

Mechanical Data



FRONT VIEW



**TOP VIEW
(PENDANT MOUNT)**

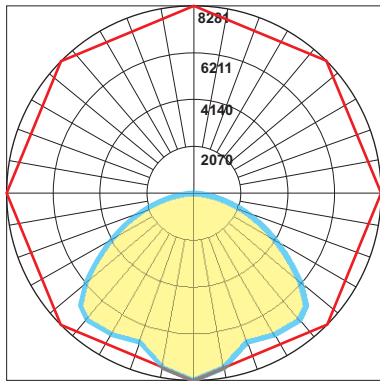
(Cord Length : 39")

All dimensions are shown in inches (millimeters) unless otherwise noted.

LH01 Induction Linear Highbay Series

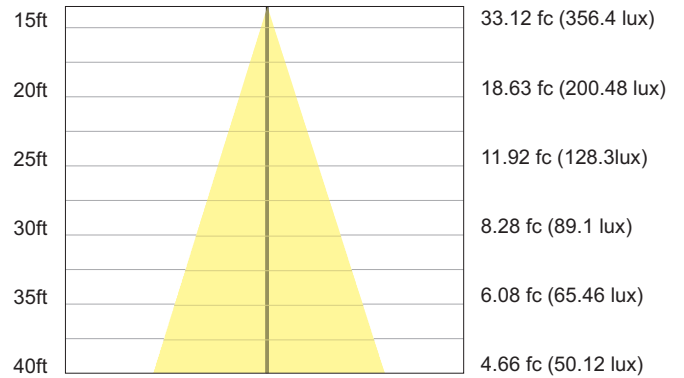
Photometric Data
IES files available upon request.

POLAR GRAPH



LH01-T400

ILLUMINANCE AT DISTANCE



LH01-T400

Located At Horizontal Angle = 0, Vertical Angle = 0
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)