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Industrial

ILH418L 4FT Slim Industrial LED with & without Lens



Project Information

Job Name

Fixture Type Industrial LED

Catalog Number ILH418L | ILH418LL

Approved by

SPECIFICATIONS:

	ILH418L Without Lens	ILH418LL With Lens
Lumens:	21,500	19,910
Watts:	154.31	153.89
Lumens/Watt:	139.33	129.38
CRI:	83	83
CCT:	4479	4510
Lifespan:	200,000+ hrs. ¹	200,000+ hrs. ¹
DLC Prod. ID:	PMJ131ZH	PYYV8D82

Construction:

The heavy duty construction is made of rigid 20 gauge steel that has a post painted polyester coat finish. The lightweight heat sinks are designed to perform in ambient temperatures up to 50°C. The Quick Wire access panel allows for easy power connection.

Tool-less Snap-on Lens:

The high transmission lens, with 91% efficiency, is high impact, scratch resistant and protects the LEDs. At the same time it delivers improved visual comfort by eliminating any glare and providing a wider smoother and more uniform light output.

Listings:

Luminaire is certified to UL/cUL Standards for Damp Locations
Lighting Facts Certified
DesignLights Consortium Premium qualified luminaire, eligible for rebates from DLC member utilities

AC Input:

120/208/240/277 V

Driver:

Constant current, Class 2 120-277 VAC, 47-63Hz
High Efficiency – min. 85%
Off-State Power: 0 Watts
Dimming 0-10V

LEDs:

Atlas LEDs provide higher lumen output, greater energy efficiency and more reliable fixture performance. LEDs manufactured for the ILH series utilize Epoxy Guard conformal coating which reduces the chance of board corrosion. ILH series fixtures operate at 4500K CCT.

Temperatures:

Min Start: -35°C Max: 50°C

Warranty:

Five-year limited warranty

Testing:

Atlas LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 & LM-80, and have received the Department of Energy "Lighting Facts" label.

Weight:

10 lbs.

Installation:

Suitable for suspension by chain, cable, or single (pendant) monopoint. To maintain ambient listing, mount minimum 6" from ceiling.

Additional Options:

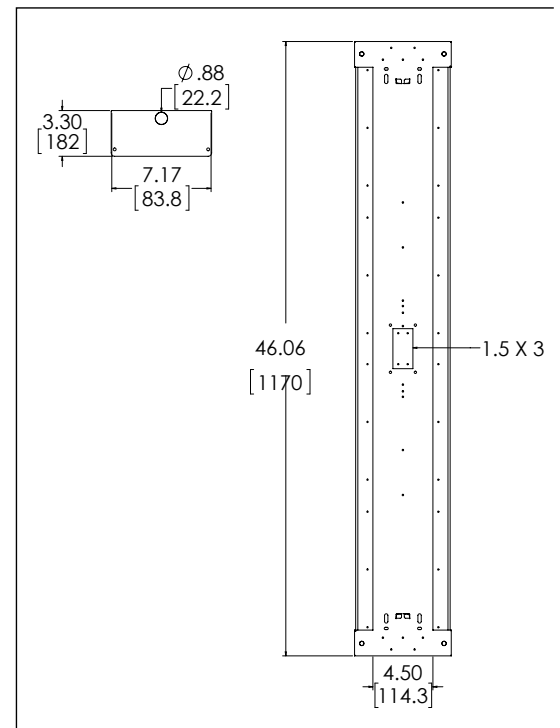
For 480V add suffix 4 to part number.
For factory installed Emergency Back-Up add suffix EB to part number.

¹LED Life Span Based Upon LM-80 Test Results



Patent Pending

DIMENSIONS:



Rebates and Incentives are available in many areas. Contact an Atlas Representative for more information.

ATLAS LIGHTING PRODUCTS, INC.

PO BOX 2348 | BURLINGTON, NC 27216
800-849-8485 | FAX: 336-227-0110 | www.atlaslightingproducts.com

*The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components. Meets Buy American requirements within the ARRA.

LED lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens)	21500
Watts	154.31
Lumens per Watt (Efficacy)	139.33

Color Accuracy Color Rendering Index (CRI)	83
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Light Color
Correlated Color Temperature (CCT) **4479 (Bright White)**

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

Visit www.lightingfacts.com for the *Label Reference Guide*.

Registration Number: PRB4-UFU2O4 (9/5/2017)
Model Number: ILH418L
Type: Luminaire - Industrial

LED lighting facts[®]
A Program of the U.S. DOE

Light Output (Lumens)	19910
Watts	153.89
Lumens per Watt (Efficacy)	129.38

Color Accuracy Color Rendering Index (CRI)	83
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Light Color
Correlated Color Temperature (CCT) **4510 (Daylight)**

Warm White | Bright White | Daylight
2700K | 3000K | 4500K | 6500K

All results are according to IESNA LM-79-2008: *Approved Method for the Electrical and Photometric Testing of Solid-State Lighting*. The U.S. Department of Energy (DOE) verifies product test data and results.

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Registration Number: PRB4-NIPTC4 (9/5/2017)
Model Number: ILH418LL
Type: Luminaire - Industrial

ORDERING FORMAT

<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">ILH</div> <p>PRODUCT SERIES ILH = LED Linear Industrial</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">4</div> <p>FIXTURE LENGTH 4 = 4 Feet</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">18L</div> <p>LUMEN PACKAGE 18L = 18,000 Lumen Package</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto; display: flex; align-items: center; justify-content: center;">L</div> <p>LENS OPTION Blank = Without Lens L = With Lens</p>	<div style="border: 1px solid black; width: 40px; height: 20px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"></div> <p>OPTIONS 3C* = 3' Cord (No Plug) 3T* = 3' 120V Cord & Plug 3E* = 3' 208V Cord & Plug 3F* = 3' 240V Cord & Plug 3S* = 3' 277V Cord & Plug EB = Emergency Back-Up M = Motion Sensor P = Pendant Mount W = Wireguard IC = Integrated Control 4 = 480V Driver </p> <p><small>*Also Available in 6', 10', 15' and 20' lengths</small></p>
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