Fail-Safe

DESCRIPTION

Fail-Safe FHL Luminaires are designed to provide full-spectrum, crisp, white light with a true IES Type V distribution. Five versions of the FHL Series are available, providing ideal solutions for a wide range of applications. Mounting flexibility includes pendant, wall, ceiling, and stanchion. UL/cUL listed for wet locations, and IP66 rated.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction
Fixture housing is a two-piece die-cast aluminum, clamshell design. Top and bottom housing sealed with silicone gasket to ensure appropriate fit. Additional extruded aluminum heat sink/fins for cool-running operation in a multitude of ambient environments.

Optics
High-brightness LED arrays mounted on metal core circuit boards, with heat and impact resistant tempered clear glass for protection.

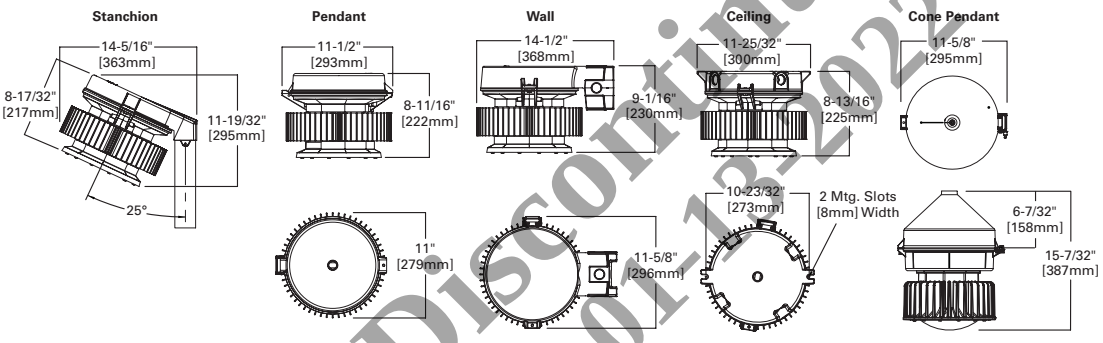
Listing
UL/cUL listed for wet locations. IP66 rated.

Electrical
LED drivers mounted to die-cast aluminum housing for optimal heat dissipation and cool running operation. Projected life is 60,000 hours at 70% lumen maintenance. For 3L-9L, standard 90-305VAC, 50/60Hz, 108-250VDC. 11L standard 100-240, 277VAC, 50/60Hz. 347VAC and 480VAC available.

Mounting
Several mounting methods include: 3/4" rigid pendant, 1" rigid pendant, 1" ceiling mount thru feed, 3/4" and 1" wall mount thru feed, 1-1/2" stanchion 25 degrees, and 1-1/2" stanchion.

Finish
Housing and adapter epoxy powder coat paint. Extrusion is black anodize finish. Fixture color is industrial gray with black heat sinks.

Warranty
Five year fixture warranty.



Discontinued 01-13-2022

ORDERING INFORMATION

SAMPLE NUMBER: FHL-5L-30-R1-3A-UNV

Product Family	No. of LEDs	Color Temp.	Optics	Mounting Style	Voltage	Luminaire Options	Accessories
FHL							
FHL=Fail-Safe High Bay LED	**3L**=3531 Lumens **5L**=5335 Lumens **7L**=7195 Lumens **9L**=9266 Lumens **11L**=11440 Lumens	**30**=3000K (80CRI) **50**=5000K (70CRI)	**[Blank]**=Type V (All Mounts) **R1**=Type I (All Mounts except Ceiling) **R1A**=Type I (Ceiling, Conduit 45° Counterclockwise or 135° Clockwise from Hinge [1] **R1B**=Type I (Ceiling, Conduit 45° Clockwise or 135° Counterclockwise from Hinge [1] **R3**=Type III (All Mounts except Ceiling) **R3A1**=Type III (Ceiling, Conduit 45° Counterclockwise from Top Hat Hinge [2] **R3A2**=Type III (Ceiling, Conduit 135° Clockwise from Top Hat Hinge [2] **R3B1**=Type III (Ceiling, Conduit 45° Clockwise from Top Hat Hinge [2] **R3B2**=Type III (Ceiling, Conduit 135° Counterclockwise from Top Hat Hinge [2]	**J**=1-1/2" Stanchion 25 Deg. **P**=1-1/2" Stanchion Straight **2A**=3/4" Pendant **3A**=1" Pendant **2B**=3/4" Cone Pendant **3B**=1" Cone Pendant **2C**=3/4" Ceiling **3C**=1" Ceiling **2TW**=3/4" Wall **3TW**=1" Wall	**UNV**=120-277V **347**=347V **480**=480V	**QC**=Quick Clip for Quick Installation **DL**=Diffuse Lens **TL**=Teflon Coating on Lens **PCLNS**=Polycarbonate Lens	**PHC/120**=Photocell, 120V, field installed **PHC/277**=Photocell, 208-277V, field installed **OS3/4/UNV**=Occupancy Sensor, 3/4" hub, 120-277V Replace "UNV" with "UNV34" for 347/480V

NOTES:
[1] New Construction, order R1A.
[2] New Construction, order R3A1.

*Contact presale technical support for hazardous location offering.



FHL

3L - 11L

LED High Bay

UL Listed - Wet Location
IP66 Rated
NEMA 4X Rated

WEIGHTS

Model	Weight (Lbs.)
Luminaire (3L-11)	21.80
Mounting Modules	
Pendant	1.25
Flexible Pendant	1.50
Ceiling	2.75
Wall	4.50
Angle Stanchion	3.50
StraightStanchion	4.50

AMBIENT RATINGS/LUMEN OUTPUT TABLE

Catalog Number	Maximum Temp.	Initial Delivered Lumens (5000K)
FHL-3	65°C	3531
FHL-5	65°C	5335
FHL-7	65°C	7195
FHL-9	65°C	9266
FHL-11	65°C	11440

INPUT WATTS

Catalog Number	Input Watts
FHL-3	29
FHL-5	43
FHL-7	62
FHL-9	85
FHL-11	113

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Specifications and dimensions subject to change without notice.