

Project		Catalog #		Type	
Prepared by		Notes		Date	



# Fail-Safe

## HDF | LED

Hose Down Fixture Wet Location  
Suspended / Surface  
2800 PSI Hosedown IP66 NSF

### Typical Applications:

Food Processing Facilities, • Car & Truck Washes • High Humidity / Moisture Areas • Maintenance Facilities • Inspection Stations • Athletic / Training Facilities

### Interactive Menu

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### Product Certification



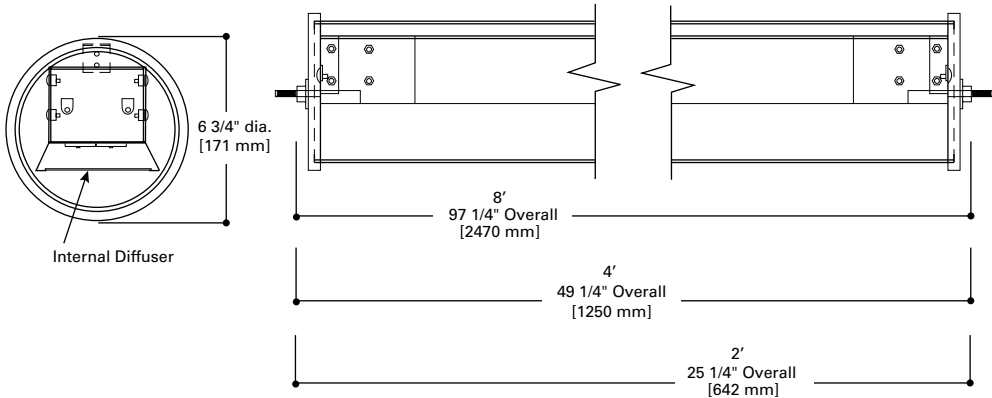
### Product features



### Top Product Features

- 6-3/4" Diameter, Impact Resistant Acrylic Tube
- Wet Location Rated
- IP66, 2800PSI Hose down rating
- Polycarbonate endcaps provide a tight seal
- NSF Rated
- Options to meet Buy American Act requirements

### Dimensional and Mounting Details



 additional product diagrams

## Order Information

SAMPLE ORDER NUMBER: HDF-4-LD4-1HI-35-UNV-EDC1-A12125

Domestic Preferences	Series	Length	LED Type	# of Rows	Illumination Level	Color Temp	Voltage	Driver/ # of Circuits	Internal Diffuser	Options
Domestic Preferences <sup>(3)</sup>	Series	Length	LED Type	# of Rows	Illumination Level	Color Temp	Voltage	Driver/ # of Circuits	Internal Diffuser	Options
[Blank]=Standard BAA=Buy American Act	HDF=Hose Down LED	2=2' Length 4=4' Length 8=8' Length	LD4	1=(1) LED Module in cross-section 2=(2) LED Modules in cross-section	LO=Low STD=Standard HI=High	30=3000K 35=3500K 40=4000K 50=5000K R63=Red LED, 630nm G52=Green LED, 520nm	120= 120V 277= 277V UNV=120-277V	EDC1= Electronic Driver, 1 circuit, Non-dimming EDC2= Electronic Driver, 2 circuits, Non-dimming <sup>(1)</sup>	[Blank]=No Diffuser A12125=Pattern 12 Clear Acrylic, 0.125" thick <sup>(2)</sup> OPL=Opal Polycarbonate 0.120" thick <sup>(2)</sup>	FP=NSF Compliant, Non-food Splash Zone
<b>Notes</b> (3) Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to <a href="#">DOMESTIC PREFERENCES</a> website for more information. Components shipped separately may be separately analyzed under domestic preference requirements.								<b>Notes</b> (1) Available in 2 module cross section only.	<b>Notes</b> (2) HDF orientation must have downward illumination only, to ensure proper lens retention.	

## Accessories

Accessories (Order Separately) <sup>(4)</sup>
<b>DWC-X</b> =Quick Disconnect Power Cord (X=Cord Length) <b>SMB</b> =Surface Mounting Bracket Kit <b>CMB</b> =Chain Mounting Bracket Kit <b>SCHN1</b> =(2) pieces of Sash Chain (12" Length), (2) "S" Hooks,(2) Stainless Steel Brackets.
<b>Notes</b> (4) Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information.

## Product Specifications

## End Plate

- 1/2" thick opaque PVC end plates are fully sealed with closed cell silicone gasketing.

## Connector

- Five-foot, three-wire cord and water-tight connector is standard. Other cord lengths are available.

## Internal Reflector

- Steel reflector finished with high reflectance white powder coat paint.

## Lens

- High impact resistant, DR blended (50%) clear acrylic tube.

## Light-Emitting Diode (LED)

- LED's available in 3000K, 3500K, 4000K, 5000K with CRI>85. Red (630nm) and Green (520nm) also available.
- Projected life is 50,000 hours at 70% lumen maintenance.

## Internal Driver Housing

- Steel driver housing and end plate.

## Finish

- Internal components have high gloss, electrostatically applied, white powder coat finish, average minimum reflectance 92%.

## Transformer/Driver

- Electronic, non dimming standard.

## Compliance

- UL/cUL listed for wet location.

## Warranty

- Five year warranty on the LED's and electrical.

## Energy and Performance Data

Length	# Modules in Cross-Section	Illumination Level	Nominal Input Watts	Nominal Delivered Lumens
2'	1	LO	12.4	1640
		STD	17.3	2197
		HI	22.3	2697
2'	2	LO	23.3	3225
		STD	33.2	4308
		HI	43.9	5250
4'	1	LO	23.6	3281
		STD	33.7	4395
		HI	44.5	5394
4'	2	LO	47.2	6516
		STD	67.2	8622
		HI	88.7	10,480

- Nominal input wattage values include LED voltage, drive currents and typical driver efficiency. Refer to LM 79 data/photometric files for exact delivered lumen values and input wattage. Values in table are nominal values only.
- For 8' fixture delivered lumens, multiply 4' unit by a factor of 2.

## Diffuser Multipliers

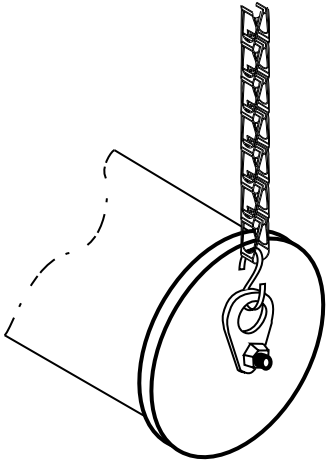
Prismatic Lens	0.90
Opal Lens	0.70

 View IES files

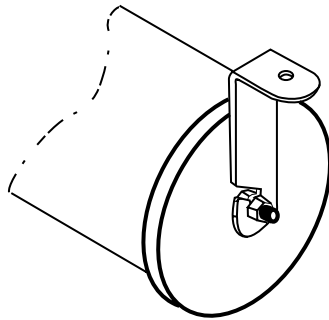
## Approximate Lumen Multiplier for Red &amp; Green LED's

Color	Multiplier from White 4000K
Red	0.31
Green	869

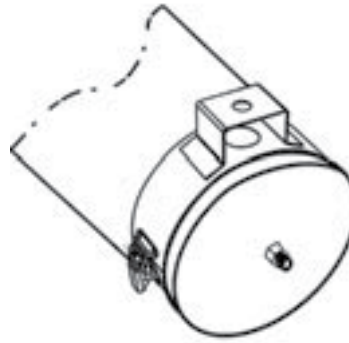
## Dimensional and Mounting Details



**Stainless Steel Sash Chain  
S-hook and Bracket**  
SCHN



**Surface Mount  
( height = 5 1/2")**  
SMB



**Chain Mounting Bracket**  
CMB