

DESCRIPTION

HDF LED high pressure hose down luminaire withstands water penetration up to 2800 PSI. Stainless steel hardware provides a water-tight seal by compressing the 6 3/4" diameter tube between two fully gasketed end plates. Water-tight connectors ensure the integrity of the seal at the power supply entry. An emergency battery pack is available. UL/cUL listed for wet locations. Ideal for food processing facilities, car & truck washes, high humidity/moisture areas, maintenance facilities, inspection stations, athletic/training facilities.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

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

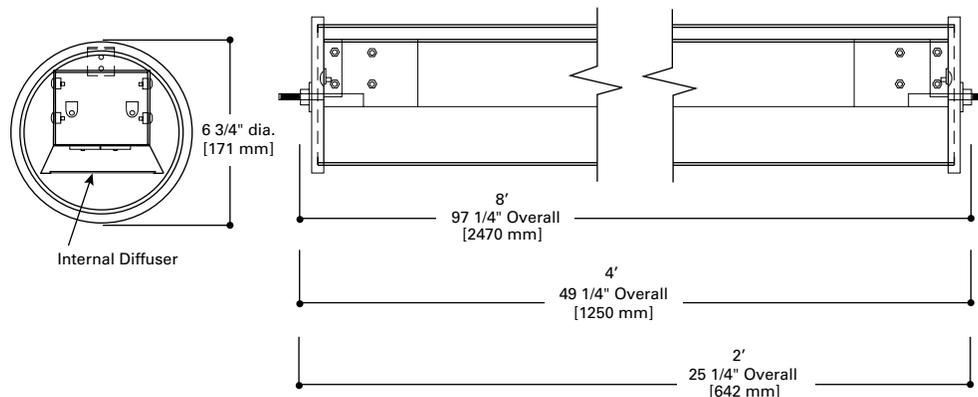
Five year warranty on the LED's and electrical.



HDF LED

Hose Down Fixture
Wet Location
Suspended / Surface

2800 PSI Hosedown
IP66
NSF



Length	# Modules in Cross-Section	Illumination Level	Nominal Input Watts	Nominal Delivered Lumens
2'	1	LO STD HI	24.7 35.7 47.7	2008 2503 2748
	2	LO STD HI	23.3 33.2 43.9	2008 3060 3730
4'	1	LO STD HI	23.6 33.7 44.5	2379 3187 3912
	2	LO STD HI	47.2 67.2 88.7	4601 6087 7399

Diffuser Multipliers	
Prismatic Lens	0.90
Opal Lens	0.70

Approximate Lumen Multiplier for Red & Green LED's	
Color	Multiplier from White 4000K
Red	0.31
Green	0.71

- 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.

ORDERING INFORMATION

Sample Number: HDF-4-LD4-1HI-35-UNV-EDC1-A12125

Series	Length	LED Type	# of Rows	Illumination Level	Color Temp	Voltage	Driver/ # of Circuits	Internal Diffuser	Options
HDF		LD4							
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 R53=Red LED, 630nm G52=Green LED, 520nm	120= 120V 277= 277V UNV= 120-277V		Blank= No diffuser A12125=Pattern 12 clear ² acrylic, 0.125" thick OPL=Opal Polycarbonate ² 0.120" thick	FP=NSF compliant, Non-food splash zone

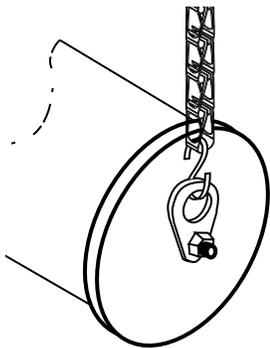
**Accessories
(To be Ordered Separately)**

- DWC-X =Quick Disconnect Power Cord (X=Cord Length)
- SMB=Surface Mounting Bracket Kit
- CMB=Chain Mounting Bracket Kit
- SCHN1=(2) pieces of Sash Chain (12" Length), (2) "S" Hooks, (2) Stainless Steel Brackets.

Notes:

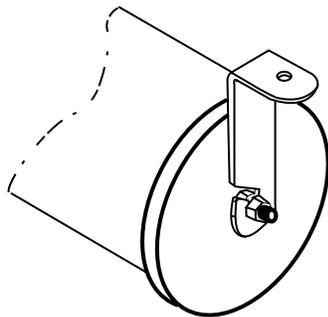
1. Available in 2 module cross section only
2. HDF orientation must have downward illumination only, to ensure proper lens retention.
6. 2800 psi hose-down, from a nozzle distance of 6', for a 15 minute duration, from multiple angles - with no water intrusion.

- EDC1= Electronic Driver, 1 circuit, Non-dimming
- EDC2= Electronic Driver, 2 circuits, Non-dimming



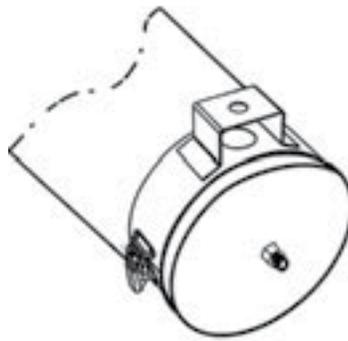
**Stainless Steel Sash Chain
S-hook and Bracket**

SCHN



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

SMB



Chain Mounting Bracket

CMB