



Class 1 Division 2



Compliance

UL 844 Hazardous Locations
Class I Division 2 Groups A, B, C, D
ETL
IP66



(BAA) Buy American Act, meeting the requirements for domestic manufacturing and material sourcing as outlined in 41 U.S.C. §§

Key Features

FEATURES:	Linear / Wall pack Replacement for Indatech HDCA 12" Body Length BAA (Buy American Act)
OPTIONS:	Clear or Frosted LumaLens Horizontal or Vertical half door or Open

Applications

Oil and Gas

Petroleum production and refining
Petroleum loading, storage, transportation and retail
Confined spaces with vapor accumulation
LNG and LPG handling
Oil tankers and shipping vessels
Fuel system testing facilities

Power Plants

Coal-fired power plants, including coal handling and storage areas
Gas-fired power plants with fuel storage
Nuclear power facilities in hazardous auxiliary areas
Biomass or waste-to-energy plants with combustible dust risks

Industrial

Industrial storage facilities
Paper mills, sawmills and lumber yards
Loading dock platforms
Manufacturing plants for heavy industrial goods
Warehouses handling flammable materials

Waste Treatment

Wastewater treatment plants
Pumping stations
Solid waste processing and incineration facilities
Sewage treatment with methane gas risks
Hazardous waste recycling centers

Mining

Operations and service areas
Underground mining tunnels with gas accumulation

Chemical Industry

Chemical production, processing and storage facilities
Solvent handling and mixing areas
Chemical research labs with flammable substances

Infrastructure

Bridges
Tunnels

Ocean, Marine and Aerospace

Offshore platform operation facilities and structures
Marine and saltwater environments
Aerospace clean rooms and production areas
Ocean vessel operations
Shipyards and dry docks
Aircraft hangars with fuel vapors

Metal Treatment

Paint facilities
Steel and aluminum factories
Metal smelting, foundry and fabrication
Welding and cutting areas with gas risks

Military and Defense

Ammunition storage and handling
Fuel depots and refueling stations
Explosives manufacturing
Vehicle maintenance bays in hazardous zones

Food, Alcohol and Agriculture Industry

Flour and fine particle production and storage
Food and distilling production
Grain storage elevators and silos
Breweries and fermentation tanks
Feed mills with dust risks
Fertilizer production and storage

Pharmaceutical Industry

Drug manufacturing and solvent handling
Clean rooms with volatile compounds
Pill coating and drying areas
Research and development labs

Other high humidity, high dust, high temperature and vapor locations

Specifications

Wattage	22W						37W					
System Wattage	26.4W						43.4W					
Frame	Horizontal		Vertical		Open		Horizontal		Vertical		Open	
Lens	Clear	Frosted	Clear	Frosted	Clear	Frosted	Clear	Frosted	Clear	Frosted	Clear	Frosted

OPTICAL

Lumen Output	3126 lm	2369 lm	3305 lm	2705 lm	3332 lm	2945 lm	4879 lm	4071 lm	5292 lm	4399 lm	5538 lm	4948 lm
Lumen Per Watt	120 lm/W	91 lm/W	127 lm/W	104 lm/W	128 lm/W	113 lm/W	114 lm/W	95 lm/W	123 lm/W	102 lm/W	129 lm/W	115 lm/W
Drive Current	116 mA											
Color Temperature: CCT	Standard: 5000K Options: 4000K - 5000K											
Dimming	0-10V Dimmable											

ENVIRONMENTAL

Ambient Operating Temperature	-25°C to +40°C (-13°F to +104°F)											
Temperature Code	T4 (+40°C)											

MECHANICAL

Housing Material	Heavy-duty die cast aluminum housing and top frame. 1/2" Tapped coin plug openings for wiring entrance conduits											
Finish	Platinum powercoat finish over a chromate conversion coating.											
Color	Custom colors available upon request.											
Lens	Vandal-resistant Clear UV-stabilized polycarbonate or Frosted SoftLED LumaLens Opal UV-stabilized polycarbonate											
Mounting	Wall, Ceiling Wall Stainless steel adjustable bracket or yoke mount.											
Cable Entry	Rated for 6 #12 AWG 90°C for through wiring											
Warranty	5-Year Standard Warranty											

ELECTRICAL

Input Voltage	120-277VAC											
Input Frequency	50/60Hz											
THD (Total Harmonic Distortion)	< 20%											
Power Factor	> 0.90											
Surge Protection	2kV						6kV					

Ordering Logic

ORDER EXAMPLE: WP HLV 1A0Q 37W U 50 C P

(1) Product	(2) Hood	(3) Wattage	(4) Voltage	(5) Kelvin
WP HLV	1A0Q - Open Frame	22W - 22 Watts	U - 120-277V	40 - 4000 K
	1AHQ - Horizontal Hood	37W - 37 Watts		50 - 5000 K (S)
	1AVQ - Vertical Hood			
(6) Lens			(7) Color	
C - Clear UV-Stabilized Polycarbonate Vandal Resistant Lens			P - Platinum (S)	
L - LumaLens Frosted UV-Stabilized Polycarbonate Vandal Resistant Lens			C - Custom	

(S) Standard

Accessories



EX-Flexible Conduit
700mm 3/4NPT



EX-Junction Box



EX-Threaded Pipe



EX-Flexible Conduit
700mm 1/2NPT



EX-Junction Box Side Hole

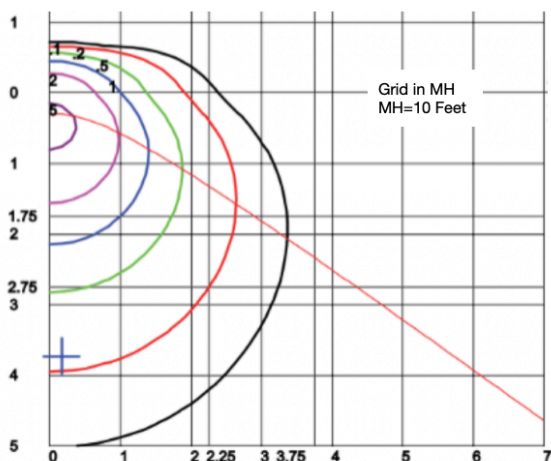


Stainless Steel Yoke Mount



Stainless Steel Adjustable Bracket

Photometric



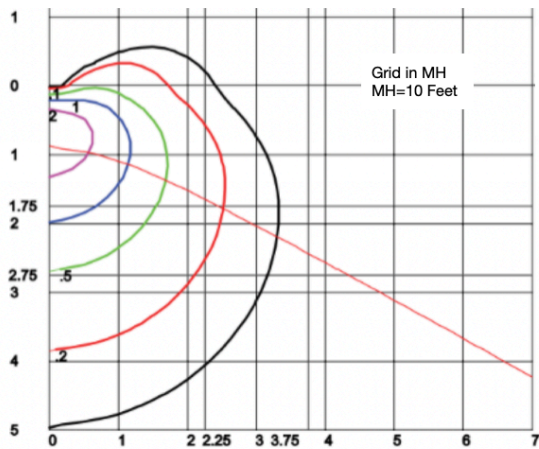
Wall Application - Clear Lens

Distance In Units Of Mounting Height

Values Based On 10 Foot Mounting Height

1/2 Maximum Candela Trace Shown As Dashed Curve

(+) = Maximum Candela Point



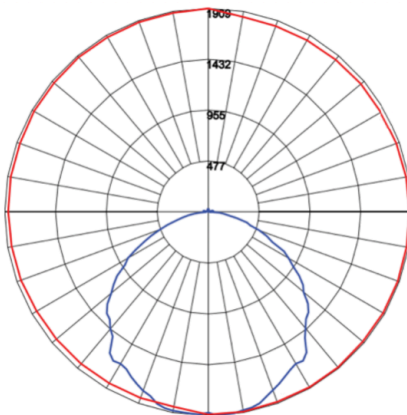
Wall Application - Frosted LumaLens

Distance In Units Of Mounting Height

Values Based On 10 Foot Mounting Height

1/2 Maximum Candela Trace Shown As Dashed Curve

(+) = Maximum Candela Point

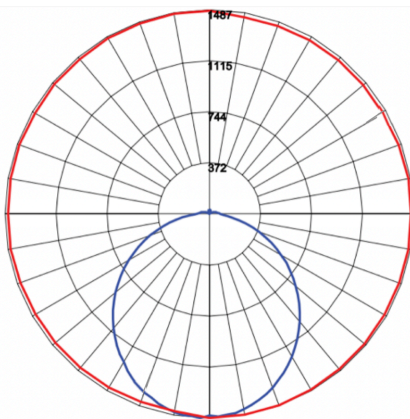


Canopy/Ceiling Application - Clear Lens

Maximum Candela = 1909.118 Located At Horizontal Angle = 90, Vertical Angle = 2.5

— Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)

— Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)



Canopy/Ceiling Application - Frosted LumaLens

Maximum Candela = 1487.161 Located At Horizontal Angle = 270, Vertical Angle = 2.5

— Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)

— Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

Product Dimensions

WP HLV

