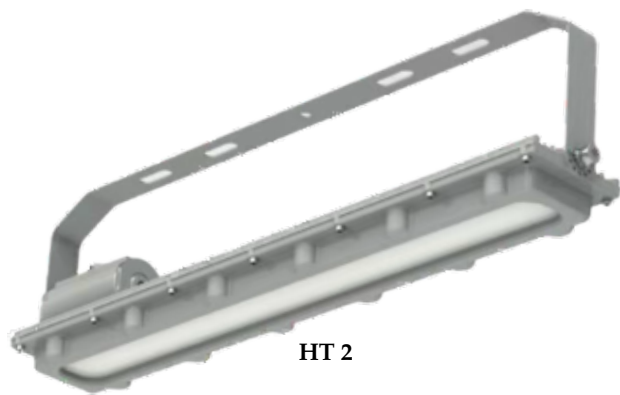
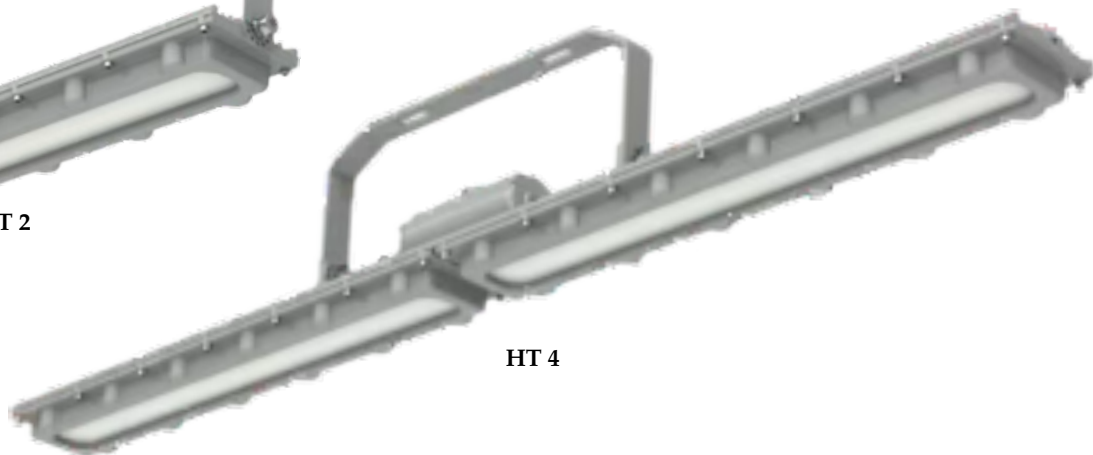




HT 2



HT 4

Class 1 Division 2



Compliance

UL 844
Class I Division 2 Groups A, B, C, D
Class II Division 2 Groups F, G
Class III
UL 1598

Vibration 3G
IP66
IK10 (Glass with wire guard)
500 Hours Salt Spray
ABS
NEMA4X

Key Features

- FEATURES:** High Temperature (up to 110° C)
Driverless Integrated Circuit
Extremely Light Weight
Modern Design
- OPTIONS:** 2' & 4' Body Lengths
3 Mounting Styles. Impact Resistant
Low or Medium Voltage

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

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	20W	30W	40W	50W	10W	20W	30W	40W	50W	60W	80W	100W
Body	HT 2				HT 4							

OPTICAL

Lumen Output	2600	3900	5200	6500	1300	2600	3900	5200	6500	7800	10400	13000
Lumens Per Watt	130 lm/W											
Color Temperature: CCT	Standard: 5000K Options: 1700K - 7500K											
CRI (Color Rendering Index)	>70											
Beam Angle	120°											
Dimming	Non Dimming											
LED Lifespan	100,000-Hour LED lifespan based on IES LM-80 results and TM-21											

ENVIRONMENTAL

Ambient Operating Temperature	T4A: -40°C to +105°C (-40°F to +221°F)	T4A: -40°C to +100°C (-40°F to +212°F)	T4A: -40°C to +95°C (-40°F to +203°F)	T4A: -40°C to +85°C (-40°F to +185°F)	T4A: -40°C to +110°C (-40°F to +230°F)	T4A: -40°C to +105°C (-40°F to +221°F)	T4A: -40°C to +100°C (-40°F to +212°F)	T4A: -40°C to +95°C (-40°F to +203°F)	T4A: -40°C to +80°C (-40°F to +176°F)
Temperature Code	T5: (+105°C)	T5: (+100°C)	T5: (+95°C)	T5: (+85°C)	T5: (+110°C)	T5: (+105°C)	T5: (+100°C)	T5: (+95°C)	T5: (+80°C)

MECHANICAL

Housing Material	Die-cast Aluminum
Lens Diffuser	Frosted Glass Diffuser
Hardware	Stainless Steel 304
Gasket	Silicone Rubber and Drawn Aluminum
Mounting	U-Bracket Mount
Cable Entry	3/4" NPT
Warranty	1 Year Limited Warranty - Fixture

ELECTRICAL

Lifespan	50,000-hour
Input Voltage	120/277VAC
Input Frequency	50/60Hz
Power Factor	> 0.95

Ordering Logic

ORDER EXAMPLE: HLL HT EX 60W HTA4 N 57 D120 M3 M

(1) Product	(2) Product Category		(3) Wattage	(4) Shape Series	
HLL HT	EX - Explosion Proof		10W (1,300 lm) [HT4] 20W (2,600 lm) [HT2, HT4] 30W (3,900 lm) [HT2, HT4] 40W (5,200 lm) [HT2, HT4] 50W (6,500 lm) [HT2, HT4] 60W (7,800 lm) [HT4] 80W (10,400 lm) [HT4] 100W (13,000 lm) [HT4]	HTA2 - 2' HTA4 - 4'	
(5) Dimable	(6) Kelvin	(7) Beam Angle	(8) Mounting	(9) Voltage	
N - Non Dimable	17 - 1700 K 27 - 2700 K 30 - 3000 K 57 - 5700 K (S) 60 - 6000 K 65 - 6500 K 75 - 7500 K	D120 - 120°	M1 - Pole Mounting M2 - Pendant Mounting M3 - U-Bracket Mounting	L - 120 V M - 277 V	

(S) Standard

Accessories



EX-Flexible Conduit 700mm 3/4NPT



EX-Threaded Pipe



Pole Mounting



EX-Flexible Conduit 700mm 1/2NPT



EX-Bent Threaded Pipe



Suspension Cable



EX-Junction Box



EX-Chain

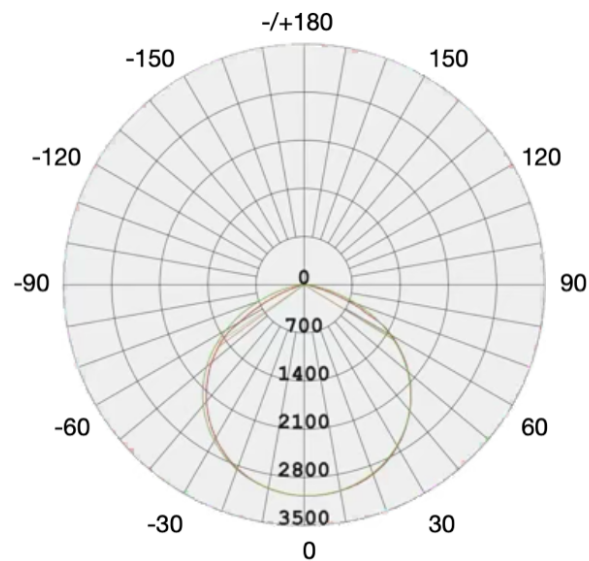


EX-Junction Box Side Hole



EX-Lifting Hook

Photometric



120 Degree

Average Beam Angle (50%): 113.7 Degree

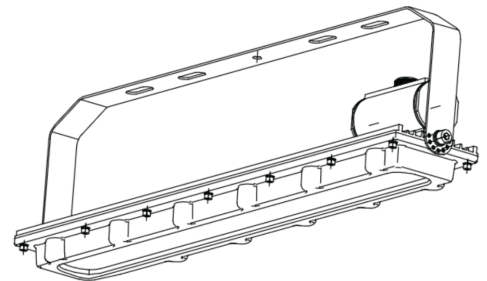
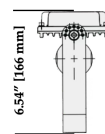
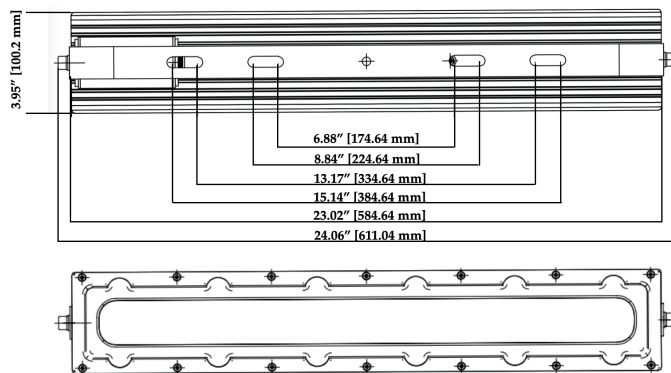
UNIT: cd

C0/180,113.0°

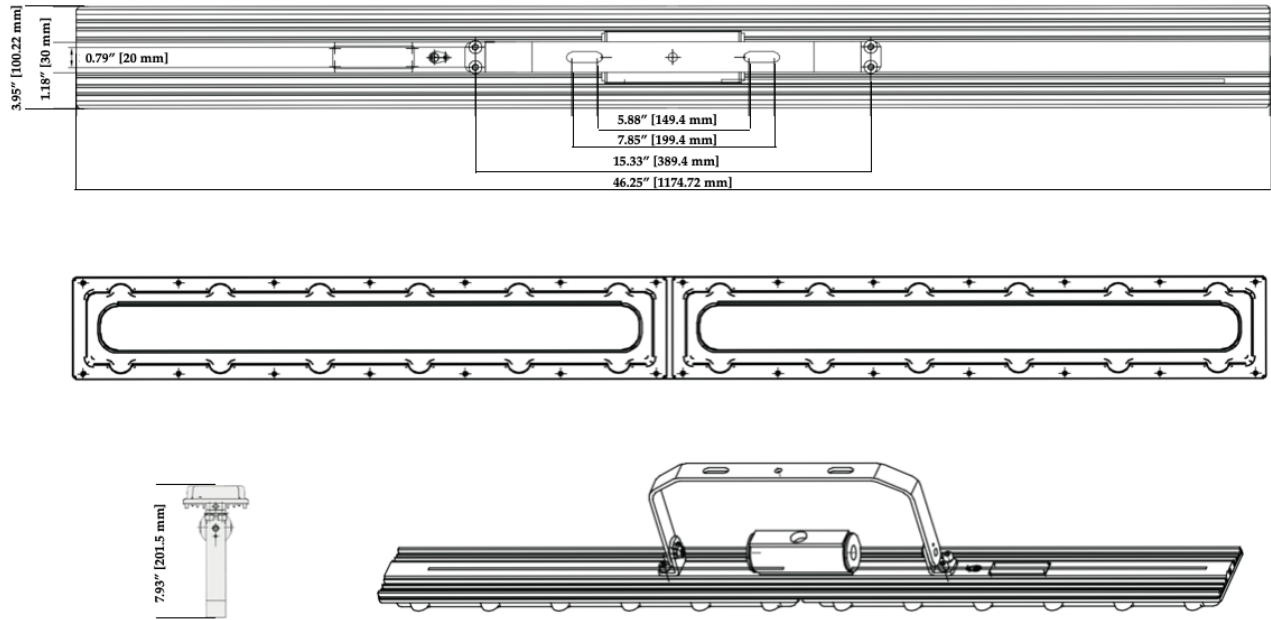
C90/270,114.5°

Product Dimensions

HLL T HT 2



HLL T HT 4



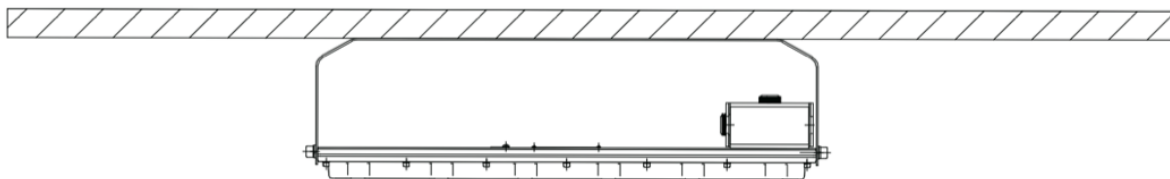
Packaging Information

	HT 2	HT 4
Pieces	1	1
Fixture Dimensions	See Product Dimensions Drawing	See Product Dimensions Drawing
Package Dimensions	26.57" x 7.68" x 9.25" (675mm x 195mm x 235 mm)	48.78" x 7.48" x 9.06" (1239mm x 190mm x 230 mm)
Net Fixture Weight	5.40 lb (2.45 kg)	10.80 lb (4.9 kg)
Gross Weight	7.47 lb (3.39 kg)	15.21 lb (6.9 kg)

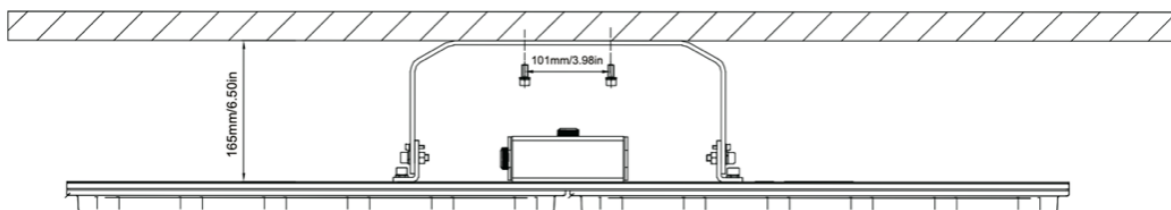
Mounting Methods

Option 1: U-bracket Mounting (Included)

HT 2

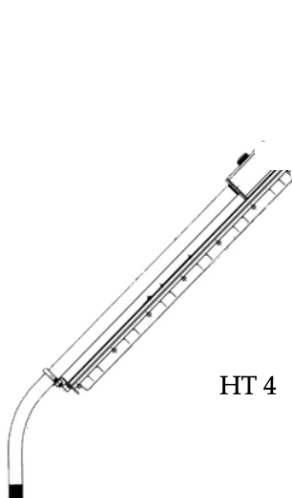


HT 4



Option 2: Pole Mounting (Purchase Separately)

HT 2

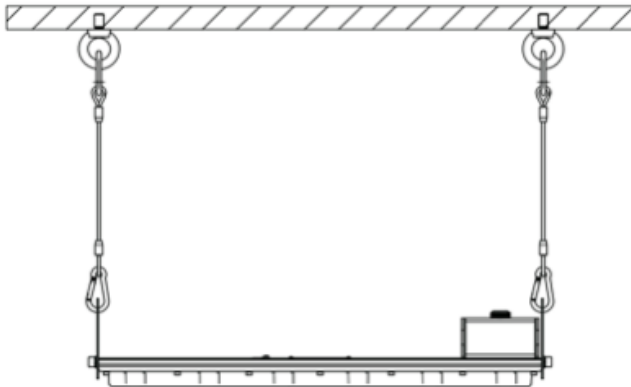


HT 4



Option 3: Pendant Mounting (Purchase Separately)

HT 2



HT 4

