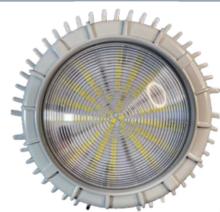


HAL HL







Class 1 Division 2



Key Features

FEATURES: Round Low Bay Area Light

Extremely Rugged

Compact High Im/W

BAA (Buy American Act)

2 Body Sizes (HL & HLL) **OPTIONS:**

10 Mounting Styles Military Grade Lens

1 of 14 www.bpologhting.com

Compliance

UL 844 Hazardous Locations Class I Division 2 Groups A, B, C, D Class I Zone 2 Group IIB Class II Division 1 Groups E, F Class II Division 2 Groups E, F Class II Zone 20, 21, or 22 Group II B UL 1598 Suitable for Wet Locations UL 1598A Marine Saltwater CSA C22.2 No. 250.0 CSA C22.2 No. 137 IP66 1Ex d IIC T5 @-40°C to +55°C (-40°F to



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

Applications

Oil and Gas

Petroleum production and refining Petroleum loading, storage, transportation and retail Confined spaces with vapor accumulation LNG and LPG handeling Oil tanker 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

Industrials Storage Facility Paper mills, Sawmills and lumber yards Loading Docks 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 Underground mining tunnels with gas accumulation

Chemical Industry

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

Ocean, marine and aerospace

Ocean platform operation facilities and structure Marine & Saltwater Environments Aerospace clean room and production 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

2 of 14 www.bpologhting.com

Specifications					
Wattage	36W	60W			
OPTICAL					
Lumen Output	5200 lm (GM) 4900 lm (XPC)	8700 lm (GM) 8100 lm (XPC)			
Lumens Per Watt	140 lm/W (GM) 135 lm/W (XPC)	Im/W (XPC) 135 Im/W (GM) 130 Im/W (XPC)			
Color Temperature: CCT	5000K (standard), 3000-5000K options				
CRI (Color Rendering Index)	> 70				
Beam Angle	120°				
Light Source	Samsung LEDs / R1				
ENVIRONMENTAL					
Ambient Operating Temperature	-40°C to +55°C (-40°F to +131°F) -40°C to +45°C (-40°F to +1				
Temperature Code	T5 (+55°C), T6 (+50°C) T6 (+45°C)				
MECHANICAL					
Housing Material	Copper free aluminum alloy				
Lens Diffuser	G: Borosilicate glass GM: Tempered borosilicate glass XPC: Extreme polycarbonate lens (Military lens)				
Hardware	Marine grade stainless steel				
Finish	Polyester powder coat finish				
Mounting	SB: Swivel Bracket PM: Pendant Mount SAB: Stanchion Mount 25° SSB: Stanchion Mount 90° WAB: Wall Mount 25° WMB: Wall Mount 90° CMB: Ceiling Mount EMB: Eye-Bolt Mount SBB: Swivel Bracket PMB: Pendant Mount				
Cable Entry	Classified for CID2 nickel plated brass adapter from M20 to 3/4" with 6' of wire				
Warranty	5 Year Standard Warranty				

www.bpologhting.com 3 of 14

ELECTRICAL		
Lifespan	L70> 70,000 Operational Hours @ 25°C L70> 40,000 Operational Hours @ 55°C	L70> 100,000 Operational Hours @ 25°C L70> 50,000 Operational Hours @45°C
Input Frequency	50/60Hz	
Power Factor	> 0.95	
THD (Total Harmonic Distortion)	< 30%	<20%
LED Driver	Custom made 20-277VAC, 230-370VDC	MeanWell 90-295 VAC/127-417VDC
LED Driver Protection	Short circuit, over temperature, over voltage	Short circuit, over temperature,
Surge Protection	1kV	2kV
Inrush Current	27A	45A

Ordering Logic

ORDER EXAMPLE: HALLHI SR GM RV 120 5K 3	\A/

(1) Product	(2) Product Cat	egory	(3) Mounting		(4) Lens	
HAL	HL - Hazardous		SB - Swivel Bracket (S)		G - Borosilicate Glass	
	Rated Body (36	6W)	PM - Pendant Mount		GM - Borosilicate Glass and Mesh Guard	
	HLL - Hazardo		SAB - Stanchion Mour	nt 25°	XPC - Extreme Polycarbonate Lens	
	Rated Extra-Large Body (36/60W)		SSB - Stanchion Mour	ıt 90°		
			WAB - Wall Mount 25°			
			WMB - Wall Mount 90°			
			CMB - Ceiling Mount			
			EMB - Eye-Bolt Mount	:		
			SBB - B-type Swivel B	racket		
			PMB - B-type Pendant Mount			
(5) Voltage (6) Optics		(7) Kelvin	(8) Wattage			
RV - 120-277VAC 120 - 120		120 - 120°	3K - 3000 K	36W (GI	36W (GM 5,200lm/XPC 4,900lm)	
			4K - 4000 K 60W (G		W (GM 8,700lm/XPC 8,100lm)	

(S) Standard

www.bpologhting.com 4 of 14

5K - 5000 K(S)

Accessories CMB - Ceiling



PMB - Pedant



SAB - Pedant

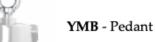
SSB - Pedant



WAB - Pedant



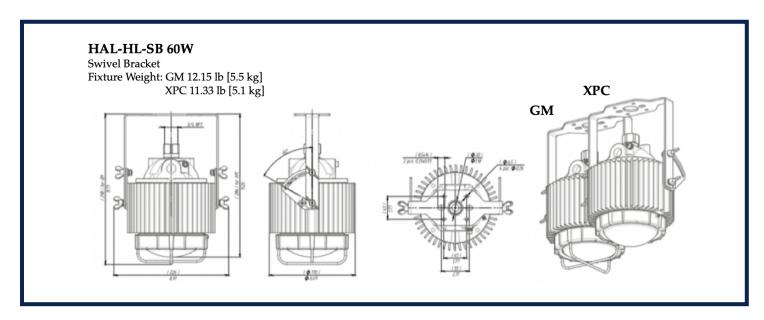
PMB - Pedant



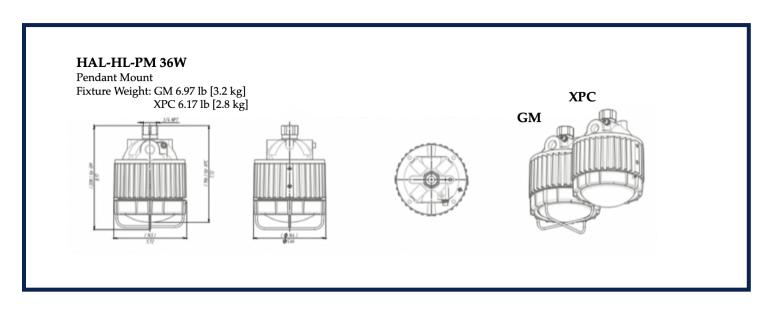


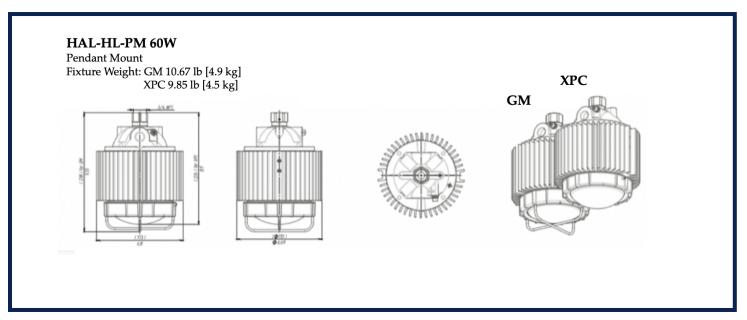
WMB - Pedant

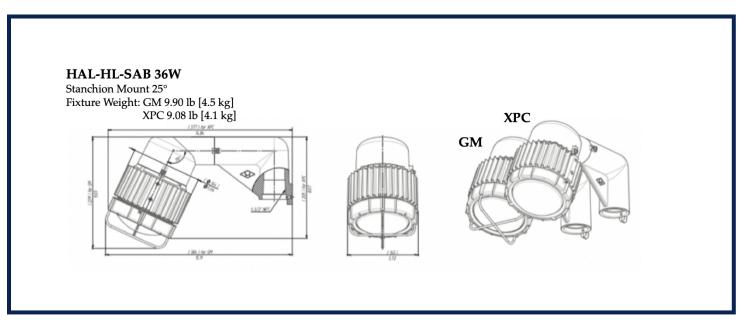
HAL-HL-SB 36W Swivel Bracket Fixture Weight: GM 8.16 lb [3.7 kg] XPC 7.29 lb [3.3 kg]



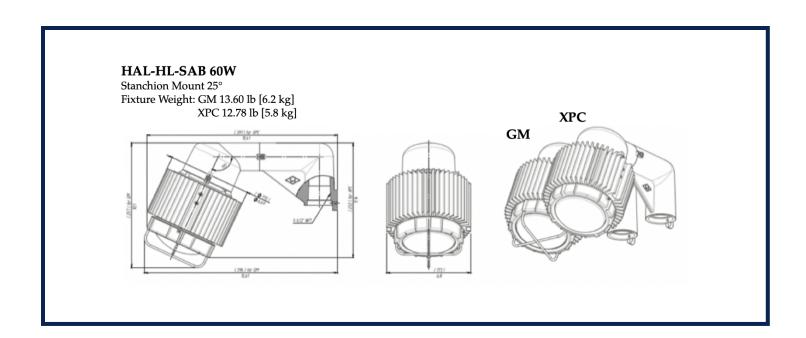
www.bpologhting.com 5 of 14

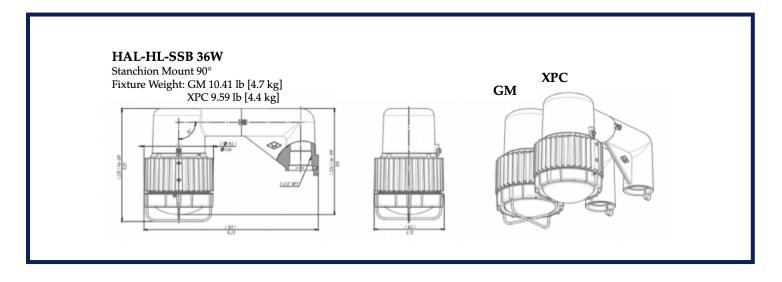


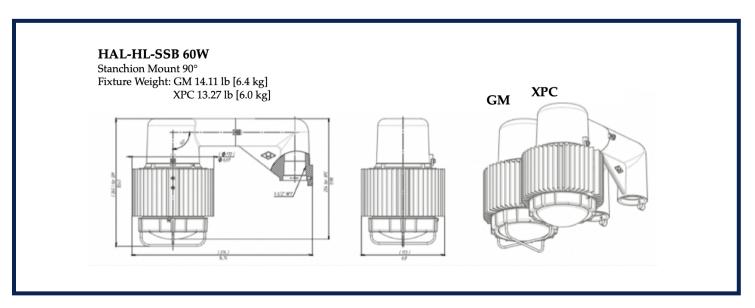




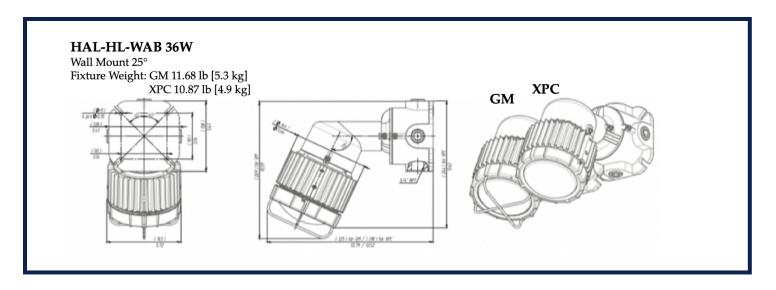
www.bpologhting.com 6 of 14

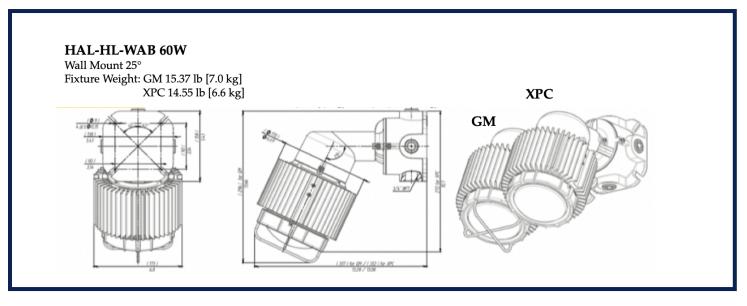


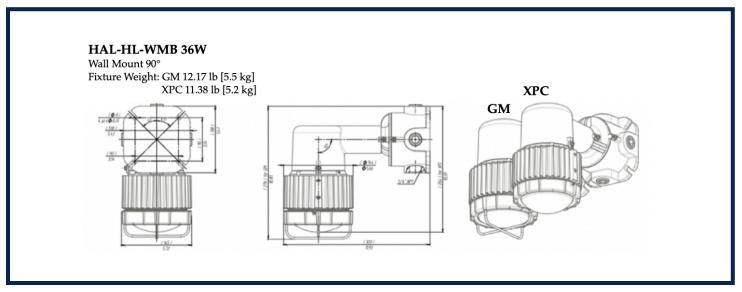




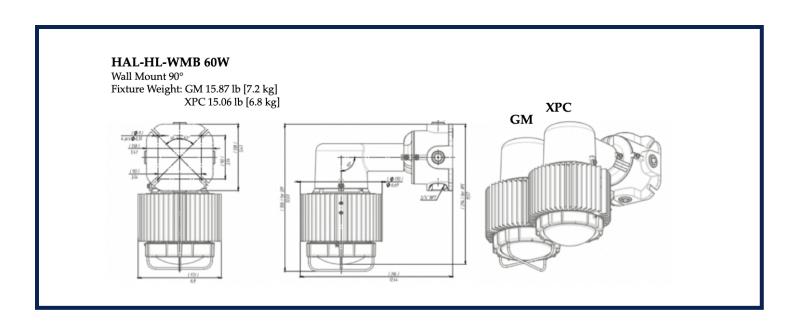
www.bpologhting.com 7 of 14

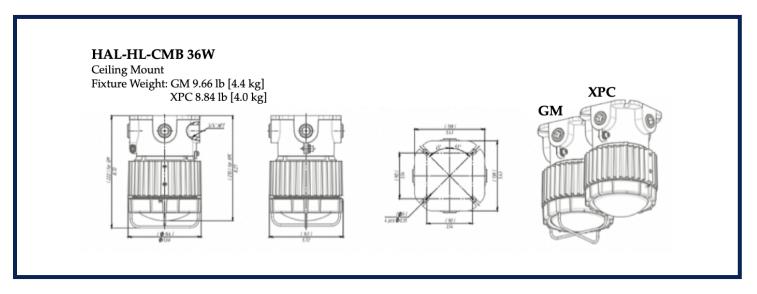


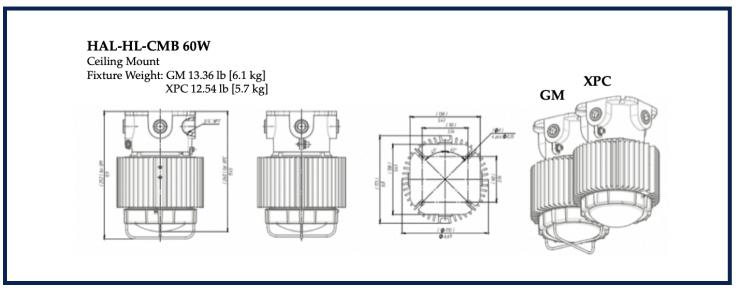




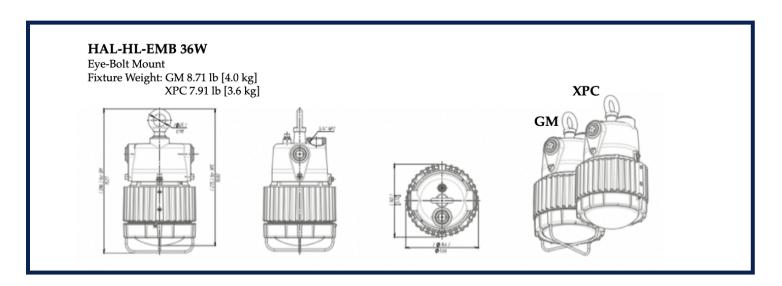
www.bpologhting.com 8 of 14

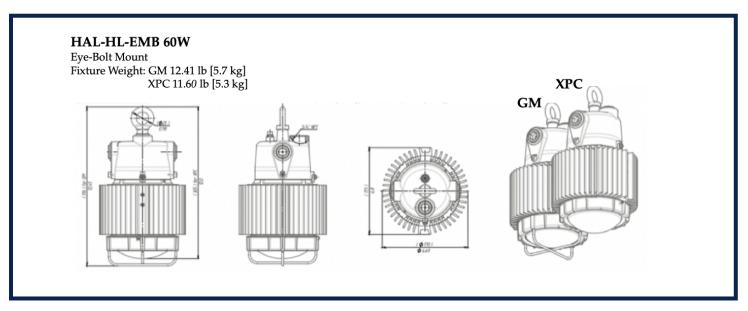


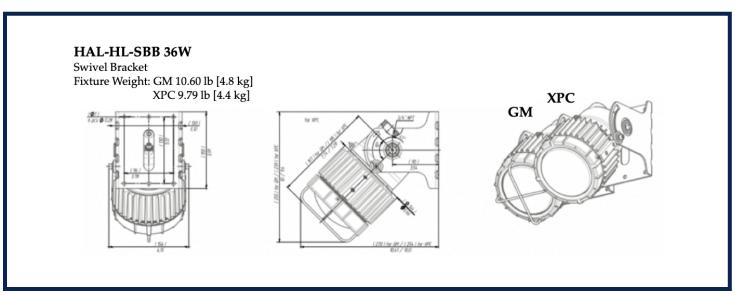




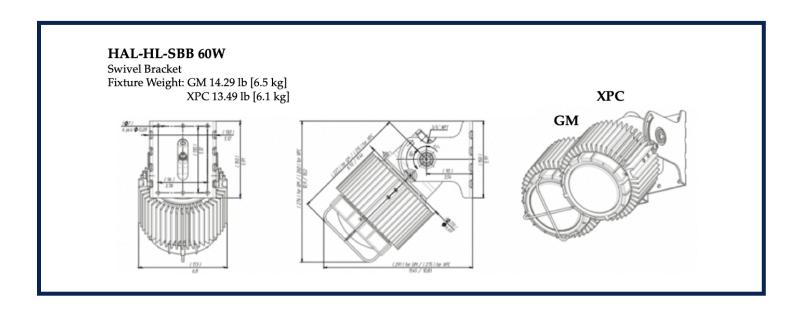
www.bpologhting.com 9 of 14

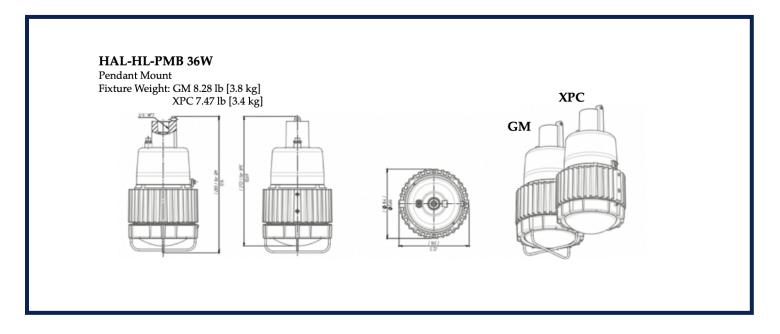


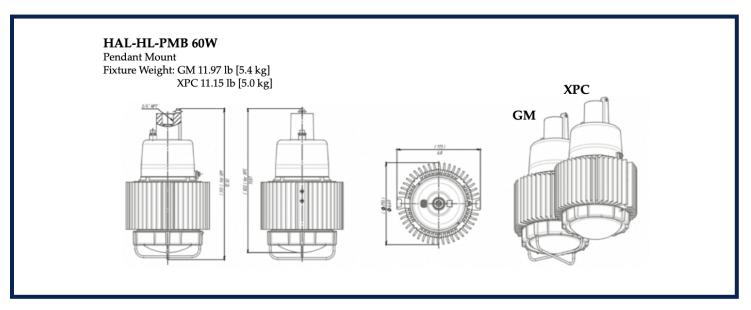




www.bpologhting.com 10 of 14







www.bpologhting.com 11 of 14

Packaging Information						
	36W		60W			
	GM	XPC	GM	XPC		
Pieces	1		1			
Fixture Dimensions	See Product Dimension	ns Drawing	See Product Dimensions Drawing			
Net Fixture Weight	6.97 LBS (3.2 KG) Swivel Bracket 8.16 lb (3.7 kg) Pendant Mount 6.97 lb (3.2 kg) Stanchion Mount 25° 9.90 lb (4.5 kg) Stanchion Mount 90° 10.41 lb (4.7 kg) Wall Mount 25° 11.68 lb (5.3 kg) Wall Mount 90° 12.17 lb (5.5 kg) Ceiling Mount 9.66 lb (4.4 kg) Eye-Bolt Mount 8.71 lb (4.0 kg) Swivel Bracket 10.60 lb (4.8 kg) Pendant Mount 8.28 lb (3.8 kg)	6.17 LBS (2.8 KG) Swivel Bracket 7.29 lb (3.3 kg) Pendant Mount 6.17 lb (2.8 kg) Stanchion Mount 95° 9.08 lb (4.1 kg) Stanchion Mount 90° 9.59 lb (4.4 kg) Wall Mount 25° 10.87 lb (4.9 kg) Wall Mount 80° 11.38 lb (5.2 kg) Ceiling Mount 8.84 lb (4.0 kg) Eye-Bolt Mount 7.91 lb (3.6 kg) Swivel Bracket 9.79 lb (4.4 kg) Pendant Mount 7.47 lb (3.4 kg)	10.67 LBS (4.9 KG) Swivel Bracket 12.15 lb (5.5 kg) Pendant Mount 10.67 lb (4.9 kg) Stanchion Mount 25° 13.60 lb (6.2 kg) Stanchion Mount 90° 14.11 lb (6.4 kg) Wall Mount 25° 15.37 lb (7.0 kg) Wall Mount 90° 15.87 lb (7.2 kg) Ceiling Mount 13.36 lb (6.1 kg) Eye-Bolt Mount 12.41 lb (5.7 kg) Swivel Bracket 14.29 lb (6.5 kg) Pendant Mount 11.97 lb (5.4 kg)			

www.bpologhting.com 12 of 14

www.bpologhting.com 13 of 14

www.bpologhting.com 14 of 14