



BPO LIGHTING
Hazardous Area Lighting

BXPFL



Class 1 Division 1



Key Features

- FEATURES:** Linear (Rugged)
Direct Replacement for Snelson 7200
Paint Booth Approved
3 Mounting Styles
Programable Keystone driver for custom lumen output
BAA (Buy American Act)
- OPTIONS:** 2' & 4' Body Lengths
High Voltage
Emergency Back-Up (1.5, 3 Hour)
BABA (Build America, Buy America)

Compliance

UL 844 Hazardous Locations
Class I Division 1 Groups C, D
Class II Division 1 Groups E, F, G
Class II Division 2 Groups E, F, G
UL 1598A Marine Saltwater
UL 924
IP66
ABS
NEMA 4X



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



(BABA) Available as Build America, Buy America Act compliant. Meeting the elevated domestic content and manufacturing requirements, as mandated by the Infrastructure Investment and Jobs Act (Pub. L. 117-58)

Applications

Oil and Gas

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

Specifications

Wattage	40W	70W
Body	2'	4'

OPTICAL

Lumen Output	4400 lm	8000-16000 lm
Color Temperature: CCT	5000K (standard), 3000-5000K options	
CRI (Color Rendering Index)	>80	
Beam Angle	120°	
Light Source	2000 nominal lumens per strip	8000-16000 nominal lumens per 2 strip (customized)

ENVIRONMENTAL

Ambient Operating Temperature	-40°C to +40°C (-40°F to 104°F)
Temperature Code	T5

REPLACEMENT

Next Generation	Direct Replacement for Snelson 7200 (bolt patterns line up)
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MECHANICAL

Housing Material	Corrosion resistant, marine grade, copper free aluminum, heavy gauge extruded reflectors with high gloss reflective finish
Lens Diffuser	Explosion-proof, impact and heat resistant glass tubes
Hardware	Stainless steel bolts
Fixture Color	Light Grey
Mounting	Ceiling, Pendant, Wall
Cable Entry	Side: 3/4" NPT
Warranty	5 Year Standard Warranty

ELECTRICAL

Lifespan	L70> 100,000 Operational Hours @ 40°C
Input Voltage	120-277VAC, 120-277VAC 280-480 VAC
Input Frequency	50/60Hz
Driver Efficiency	Driver-amp draw 120 volt-.80, 277 volt-.35 Programable Keystone driver for custom lumen output

EMERGENCY

Emergency Time	1.5 Hour, 3.0 Hour Option	1.5 Hour, 3.0 Hour Option
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Ordering Logic

ORDER EXAMPLE: BXPFL4 EX P U 5K AB

(1) Product	(2) Product Category	(3) Wattage	(4) Voltage
BXPFL2 - 2'	EX - Explosion Proof	40W (4,400 lm)	U - 120-277 (S)
BXPFL4 - 4'		P - 70-85W (8,000, 10,000, 12,000, 14,000, 16000 lm)*	HV - 347V-480V
(5) Kelvin	(6) Mounting	(7) EM	(8) BABA
3K - 3000 K	AB - Adj. Brackets (S)	Blank - No Emergency Backup (S)	Blank - BAA (S)
4K - 4000 K	SM - Surface Mount	EM - Emergency Backup	BABA - BABA
5K - 5000 K(S)	PM - Pendant Mount		

(S) Standard * Request Specific Lumen Output

Product Dimensions

