



## Class 1 Division 2

### Key Features

**FEATURES:** Linear (Rugged)  
Replacement for for Snelson 6200  
Programable Keystone driver for custom lumen output  
BAA (Buy American Act)  
BABA (Build America, Buy America)

**OPTIONS:** 2' & 4' Body Lengths  
High Voltage  
Mounting Styles  
Emergency Backup

# Compliance

UL 844 Hazardous Locations  
Class I Division 2 Groups A, B, C, D  
UL 1598A Marine Saltwater  
UL 924 Emergency Option  
Meets Coast Guard Specifications



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



**(BABA)** 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 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	40W	60W	40W	70W
Body	2'			4'	

## OPTICAL

Lumen Output	2200 lm	4400 lm	6600 lm	4400 lm	8000-16000 lm
Color Temperature: CCT	<b>Standard:</b> 5000K <b>Programable:</b> 2700K - 6500K				
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 6200, bolt patterns line up
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## MECHANICAL

Housing Material	Heavy-duty formed and welded housing and door frame of powder-coated copper-free aluminum or brushed stainless steel. Reflector is coated with high gloss reflective finish.
Lens Diffuser	Heavy duty injection molded lens
Hardware	Stainless steel latches
Fixture Color	Grey/Stainless Steel
Mounting	Ceiling, Wall, Pendant
Cable Entry	<b>2 Sides:</b> 3/4" NPT <b>Back:</b> 3/4" NPT (Option on Pendant)
Warranty	5 Year Standard Warranty

## ELECTRICAL

Lifespan	L70> 50,000 Operational Hours @ 55°C
Input Voltage	120-277VAC, 280-480 VAC
Input Frequency	50/60Hz
Driver Efficiency	120 volt-.80, 277 volt-.35 Programable Keystone driver for custom lumen output

## EMERGENCY

Emergency Time	1.5 Hour, 3.0 Hour Option
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# Ordering Logic

ORDER EXAMPLE: BRTL4 EX P U 50 BM

(1) Product	(2) Product Category	(3) Wattage	(4) Voltage
BRTL2 - 2'	EX - Explosion Proof	20W (2200 lm) (2')	U - 120/277V 50/60Hz (S) 480 - 280-480VAC
BRTL4 - 4'		40W (4400 lm) (2', 4')	
		60W (6600 lm) (2')	
		P - 70-80W (8000, 10,000, 12,000, 14,000, 16000 lm)* (4')	
(5) Kelvin	(6) Mounting	(7) EM	
30 - 3000 K	BM - Back Mount (S) PM - Pendant Mount	Blank - Without Emergency Function (S) EM - Emergency Back Up	
40 - 4000 K			
50 - 5000 K(S)			

(S) Standard \* Request Specific Lumen Output

# Product Dimensions

