

Projet: _____ **Type:** _____

Explosion Proof 60W 120-277V 5000K

This light fixture is specially designed for hazardous environments where flammable gases, vapors, or liquids, as well as combustible dust and fibers, may be present. It ensures optimal safety in these high-risk conditions, reducing the dangers associated with explosions. Manufactured to withstand the most demanding conditions, this light fixture is perfectly suited for humid environments, such as industrial and marine installations, as well as other locations exposed to constant moisture. Its robust construction also makes it an ideal choice for applications subject to heavy vibrations, such as installations on heavy or moving equipment. Thanks to its durable and reliable design, it delivers consistent performance, even in the most extreme conditions, ensuring both safety and peace of mind.



CARACTERISTICS

- Class I, Division 2, Groups A, B, C and D
- Class II, Division 2, Groups F and G
- Class III
- Damp and wet locations



NOMENCLATURE

SERIE										VER.
EX	L2	C	G	D	5	060	2	0		CS
Explosion Proof	2FT Linear Shape	Clear	Gray	120-277V	5000K	60W	C1D2	IP66		CS

PHOTOMETRIC SPECIFICATIONS

LUMENS	8,679
CCT	5000K
ANGLE	110°
C.R.I.	72
DIMMABLE	N/A
PHOTOCELL	N/A
SENSOR	N/A
LUMEN MAINTENANCE L70	50,000 hrs
LED TYPE	SMD3030
LED QTY	162
LED VOLTAGE	36v
LED MAX CURRENT	600mA
FLICKER	Flicker-Free

MECHANICAL SPECIFICATIONS

HOUSING MATERIAL	Aluminium, Powder Coated
HOUSING FINISH	Grey
LENS MATERIAL	Glass
LENS FINISH	Clear
WEIGHT	8.00 KG
OPERATING TEMP.	-40°C ~ 50°C
APPLICATION	Indoor / Outdoor
INSTALLATION	Surface Mount

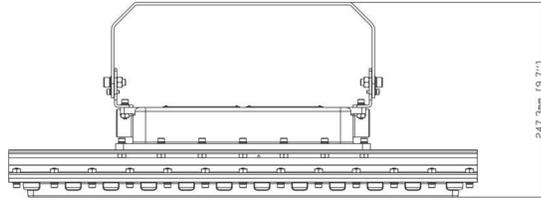
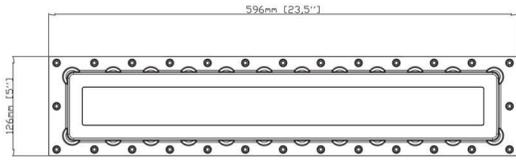
ELECTRICAL SPECIFICATIONS

REAL POWER	60.1 W
VOLTAGE	100-277V
EFFICIENCY	144.41 lm/w
POWER FACTOR	97 %
T.H.D	13.4 %
FREQUENCY	50/60Hz

CERTIFICATIONS

REGULATORY LISTING	cUL
EFFICIENCY LISTING	DLC Premium
DLC ID	S-XQVSF3
FCC	No
BARCODE	0
ENVIRONMENTAL	IP66
IK PROTECTION	IK10
SURGE PROTECTION WITH GROUNDING	3.75KV
SURGE PROTECTION WITHOUT GROUNDING	3.75KV

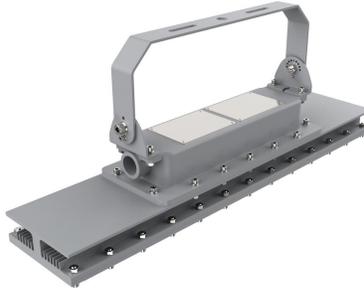
DIMENSIONS



PACKAGING

DIMENSION INNER CARTON	DIMENSION OUTER CARTON	QUANTITY MASTER	MASTER WEIGHT	PALLET QUANTITY
67.00 cm X 22.00 cm X 22.50 cm 26 3/8" X 8 5/8" X 8 7/8"	N/A	N/A	9.00 kg 19.84 lbs	56 

PRODUCTS IMAGES



3c. What is the Group mean?		
Group	Type of Hazardous Material	
Group A	Atmosphere containing acrylonitrile.	
Group B	Atmosphere containing a flammable gas, a flammable liquid produced vapor, or a combustible liquid produced vapor mixed with air that may burn or explode, having either a MSDS Maximum Experimental Safe Dose(MESD) value less than or equal to 0.75 mm or a MFC Minimum Spring Current(I) ratio less than or equal to 0.40 - such as hydrogen or fuel and combustible process gases containing more than 2% hydrogen by volume - or gases of equivalent hazard such as liquefied, ammonia, acetylene, propylene oxide and acrolein.	
Class I	Group C	Atmosphere containing a flammable gas, a flammable liquid produced vapor, or a combustible liquid produced vapor whose MSDS is greater than 0.75 mm or MFC ratio is greater than 0.40 and less than 0.80 - such as carbon monoxide, ether, hydrogen sulfide, ammonia, propylene, ethyl, isoprene, acrylonitrile and ethylene or gases of equivalent hazard.
	Group D	Atmosphere containing flammable gas, flammable liquid produced vapor, or combustible liquid produced vapor mixed with air that may burn or explode, having either a MSDS value greater than 0.75 mm or a MFC ratio greater than 0.80 - such as gasoline, acetone, benzene, toluene, ethanol, hexane, methanol, methyle, vinyl chloride, natural gas, methane, propane or gases of equivalent hazard.
	Group E	Atmosphere containing combustible metal dusts, including aluminum, magnesium, bronze, chromium, titanium, zinc and their commercial alloys or other combustible dusts whose particle size, abrasiveness and conductivity present similar hazards in connection with electrical equipment.
Class II	Group F	Atmosphere containing carbonaceous dusts, carbon black, coal black, charcoal, coal or coke dusts that have more than 1% total suspended particulate or dusts that have been oxidized by other materials as they present an explosion hazard.
	Group G	Atmosphere containing combustible dust not included in Group E & F - such as flour, grain, starch, sugar, wood, plastics and chemicals.

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