PROTEX FLAMEPROOF LIGHT
ATEX 0575 EX II 2G Ex d II B T5 Gb

DESCRIPTION

The Protex Flameproof Light fixture from Vision X provides you with a powerful and energy efficient alternative to traditional hazardous lights, designed to be mounted on the interior or exterior for area illuminations.

Zone 1 – Gases, Mists, Vapors. Occasional, Present
Zone 2 – Gases, Mists, Vapors. Only present for a short period
EX d – Prevents transmission of the explosion outside
II B – For Complete list of explosion group examples see ATEX 94/9/EC

SPECIFICATIONS

MECHANICAL:

Fixture Weight:	21 lbs (9.5kg)
Shipping Weight:	23 lbs (10.4kg)
Mounting/ Entries: (See Accessories)	(1) 3/4" NPT - TOP

TECHNICAL:

Operating Voltage:	90 - 305V AC 127 - 431V DC
Wattage:	40W
Operating Temp:	-40°C - 60°C
THD:	<20% (@load≥50% / 115VAC,230VAC) (@load≥75% / 277VAC)
Power Factor:	≥ 0.98/115V AC ≥ 0.95/230V AC ≥ 0.92/277V AC
Short Circuit:	Constant Current Limiting, Recovers Automatically After Fault Condition is Removed
Frequency:	47-63Hz

CONSTRUCTION:

Housing:	Die-Cast 6061 Aluminum
Finish:	Black
Lens:	Soda-Lime Glass Lens

LED Light Engine / Driver

LED:	XP-E(CREE)
Amp Draw:	0.35A @ 115VAC 0.17A @ 230VAC 0.14A @ 277VAC
Lifespan:	50,000 hr

PART #:	BEAM PATTERN
MIL-EXP1810	10°
MIL-EXP1825	25°
MIL-EXP1860	60°

2D DRAWING:

10.04"/255mm
8.15"/207mm
6.89"/175mm
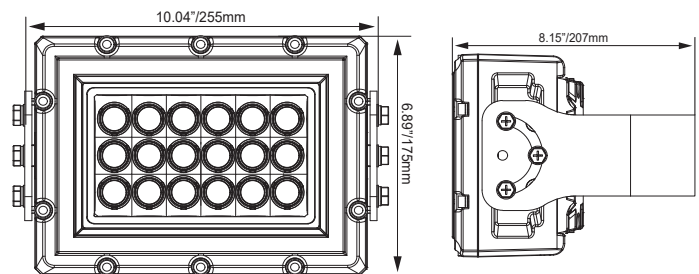
RATINGS:

EMC Emission:	Compliance to EN55015, EN55022 (CISPR22) Class B, EN61000-3-2 Class C (@Load ≥ 50%); EN61000-3-3
EMC Immunity:	Compliance to EN61000-4-2,3,4,5,6,8,11, EN61547, EN55024, Light Industry Level (surge immunity Line-Earth 4KV, Line-Line 2KV
Ingress Protection:	IP-68, IP69k
Vibration:	15.6 Grms
Warranty:	5 Years