

EXPLOSION PROOF

PQ-EXPT

Intended for explosion-proof applications:

- Class I, Div. 1-Groups C & D
- Class II, Div. 1 & 2 – Groups E, F, G

Typical application would include solvent and cleaning areas, paint spray booths, oil and gas drilling applications, aircraft maintenance, chemical manufacturing, waste treatment plants, oil and gas refining and processing.

Construction:

- Extruded aluminum housing and clear glass lamp enclosures. End mounting brackets are standard with fixture.

Certifications and Compliances:

- UL Standard: UL 1598, UL 844
- UL 595 – Outdoor Marine Type (salt water)
- UL 924



SPECIFICATIONS

Input Voltage	AC 120V, 200-240V or 347V	Working Temperature	-40°C ~ 80°C
LED Light Source	OSRAM/NICHIA	IP Rating	IP65
Color Temperature	3000K-6000K	Lifespan	50000 h
Color Rendering Index	>80	Certificate	UL, RoHS
Warranty	5 years	Power factor	>0.98

MODEL	POWER (W)	INPUT CURRENT (mA)	LUMINOUS FLUX (51K)	WEIGHT (kg)
PQ-EXPT-XXK-36W	36	600	5400 lm	29
PQ-EXPT-XXK-54W	54	600	7000 lm	29
PQ-EXPT-XXK-72W	72	600	10800 lm	54
PQ-EXPT-XXK-100W	100	600	14000 lm	54

XX = Color Temperature : 31K=2800K-3300K 51K=4700K-5400K 61K=5400K-6400K

ADD at the end Voltage : 120, 240 or 347 V

ADD B For Emergency Battery.

LISTINGS

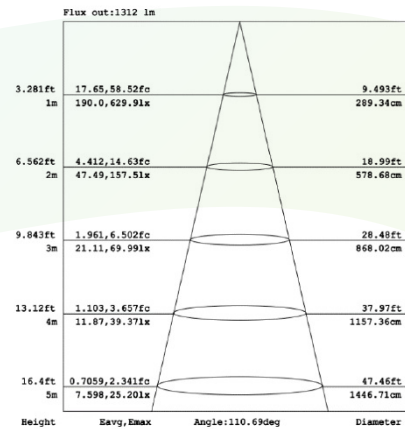
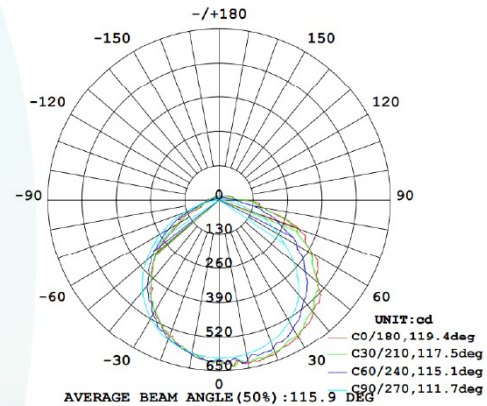


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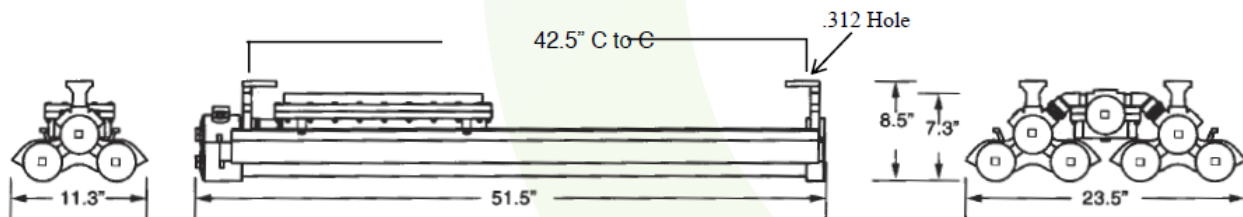
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- 50,000-hour lifespan
- Can save 50% or more on energy
- Qualifies for financial incentives for retrofit projects, including utility rebates, tax credits and energy loan programs.
- Reduces energy use and prolongs lifespans of peripheral cooling units (A/C, refrigeration)
- 100% recyclable
- No toxins – lead, mercury
- No UV light, infrared radiation or CO₂ emissions
- Qualifies buildings for LEED and other sustainable business certifications
- Bright, even light maintains consistent color over time
- Instant on/off – no flickering, delays or buzzing
- Very good color rendering
- Vibration/impact resistant
- Significantly cooler operation
- Less frequent outages, higher output improves workplace safety

LIGHT DISTRIBUTION



DIMENSIONS



NOMINAL LENGTH	LENGTH INCHES	WIDTH	HEIGHT	WEIGHT
2 FOOT 2 TUBE	27.5	11.25	8.5	55
4 FOOT 2 TUBE	52	11.25	8.5	65
4 FOOT 4 TUBE	52.5	24	9.5	120

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MOUNTING OPTIONS

Surface Mount (Standard)



Pendant Mount (Optional)

