PRODUCT DATA SHEET

LINEAR EXPLOSION PROOF

PQ-EXCT

- Environmentally friendly 50,000 hrs lifetime
- Superior color rendering index compared to HPS, LPS or MV
- Low temperature applications to −40°F (−40°C) and high temperature up to 131°F (55°C)
- Best-in-class efficacy, up to 140 lumens per watt
- Professional light distribution design, uniform and comfortable lighting
- Temperature compensation technology for longer life

5 YEAR WARRANTY

Lifespan 50,000 HOURS

POWERQ ENERGY in a NEW LIGHT

- Class I, Division 2, Groups A, B, C & D
- Class II, Division 2, Groups F & G
- Class III
- UL 844 Hazardous Locations
- UL 1598 Wet Locations
- UL 8750 LED Safety
- CSA C22.2 No. 250.0-08
- CSA C22.2 No. 137-M1981
- −40°F (−40°C) to 131°F (55°C) ambient temperature
- IP66
- DLC Listed
- CNEX
- ATEX
- CE&RoHS
- IK10

LISTINGS

c UL us RoHS

KEY FEATURES

1. Low-profile, lightweight design, high quality aluminum housing
2. Impact resistant clear lens with Bayer original material
3. Stainless steel bracket for ceiling mount
4. Professional light distribution, uniform illumination throughout the entire space
5. Single-ended feedthrough, double-ended feedthrough optional

ADDITIONAL FEATURES

- Standard 4KV surge protection
- Feed-through capable
- Enclosures attached to back brackets for pendant pole mount, pendant chain mount and 45 degree wall mount.
- Diffused lens option
- 5-year warranty

MATERIALS

- Body: 6063 aluminum (less than 0.4% copper content) with grey-painted or yellow-painted finish options.
- Side cover: ADC12
- Gaskets: one-piece neoprene
- Brackets: stainless steel
- Lens: polycarbonate

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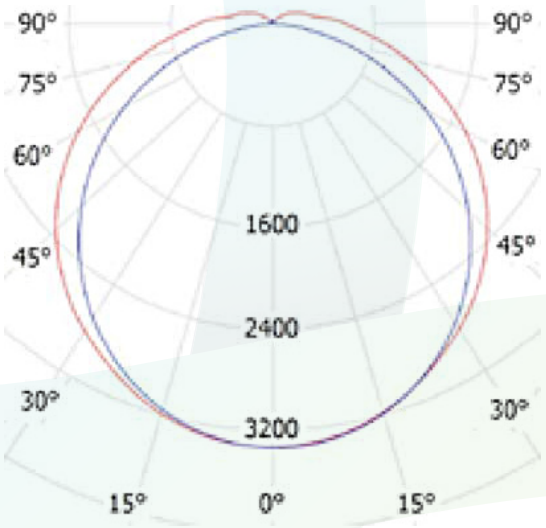
SPECIFICATIONS

Voltage	90-305V 50/60Hz (347V optional)
Ambient temperature	−40°F < Tamb < 131°F −40°C < Tamb < 55°C
Class I, Division 2, Groups A, B, C & D	T6
Class II, Division 2, Groups F & G	T6
Simultaneous presence	T6
Supply wire suitable temperature	80°C
Warranty	5 years

PHOTOMETRIC DATA

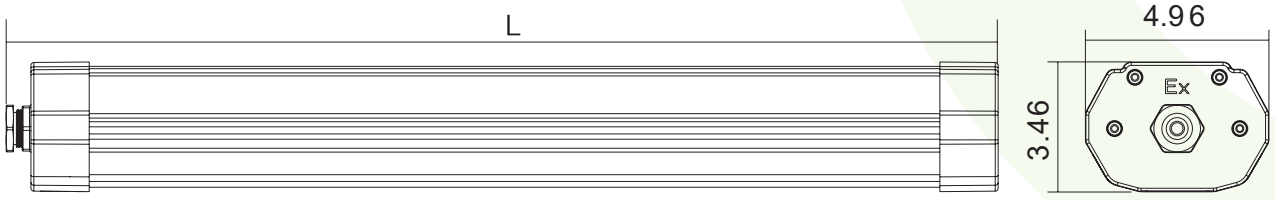


CERTIFICATION GUIDE

MODEL	LENGTH	WATTAGE	TOTAL LUMENS	LUMEN PER WATT	CRI
PQ-EXCT2-36-C	2 ft	36W	4212	117	75
PQ-EXCT4-36-C	4 ft	36W	4680	130	75
PQ-EXCT4-56-C	4 ft	56W	6944	124	74
PQ-EXCT2-36-F	2 ft	36W	3456	98	75
PQ-EXCT4-36-F	4 ft	36W	3888	108	74
PQ-EXCT4-56-F	4 ft	56W	5824	104	75

ADD: C = clear, F = frosted
ADD: G = gray, Y = yellow

FIXTURE DIMENSIONS (INCHES)



PQ-EXCT SERIES	DIMENSIONS (INCHES)	NET WEIGHT (LBS)	BOXED WEIGHT (LBS)	SHIPPING VOLUME (CU.FT.)
2 ft models	L=26.8	9.48	10.14	0.84
4 ft models	L=50.4	16.3	17.64	1.53

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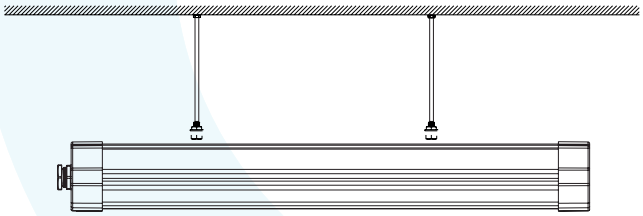
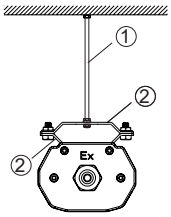
LINEAR EXPLOSION PROOF

PQ-EXCT

ACCESSORIES

PENDANT POLE MOUNT

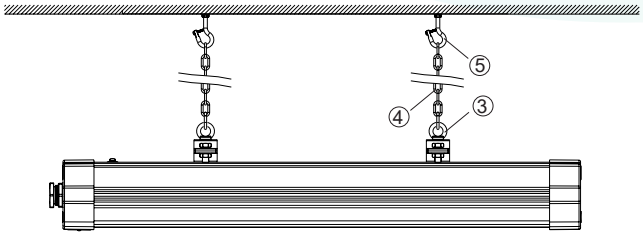


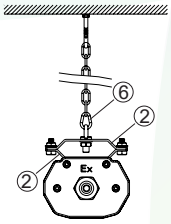


Pendant pole mount
Catalog number: 1011001
Qty: 1 kit
Shipping weight: 1.4 lbs

MOUNTING TYPE	ORDER CODE	PART SN	PART NAME	ORDER CODE	PART QTY	MATERIAL	WEIGHT (LBS)
PENDANT POLE MOUNT	1011001	①	M8 Screw Pole (L=500mm)	1011009	2	SUS304	0.44
		②	Bracket	1011008	4	SUS304	0.13

PENDANT CHAIN MOUNT

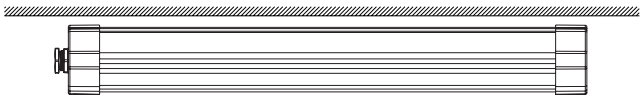


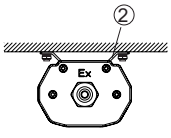


Pendant chain mount
Catalog number: 1011002
Qty: 1 kit
Shipping weight: 1.44 lbs

MOUNTING TYPE	ORDER CODE	PART SN	PART NAME	ORDER CODE	PART QTY	MATERIAL	WEIGHT (LBS)
PENDANT CHAIN MOUNT	1011002	②	Bracket	1011008	4	SUS304	0.13
		③	Lifting Bolt	1011010	2	SUS304	0.07
		④	Pendant Chain	1011011	2	SUS304	0.22
		⑤	Expansion Hook	1011012	2	SUS304	0.13
		⑥	Hanging Buckle	1011013	2	SUS304	0.04

CEILING MOUNT A





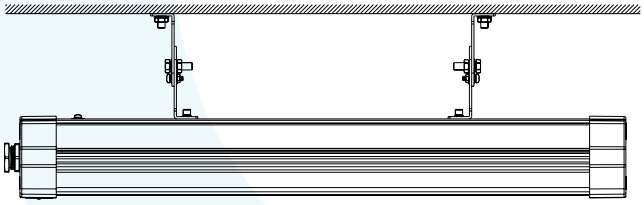
Ceiling mount A
Catalog number: 1011003
Qty: 1 kit
Shipping weight: 0.26 lbs

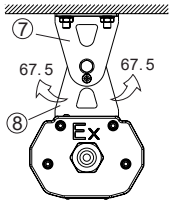
MOUNTING TYPE	ORDER CODE	PART SN	PART NAME	ORDER CODE	PART QTY	MATERIAL	WEIGHT (LBS)
CEILING MOUNT A	1011003	②	Bracket	1011008	2	SUS304	0.13

LINEAR EXPLOSION PROOF

PQ-EXCT

CEILING MOUNT B (adjustable angles)

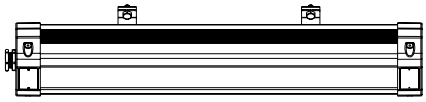


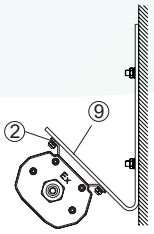


Ceiling Mount B
Catalog number: 1011004
Qty: 1 kit
Shipping weight: 1.04 lbs

MOUNTING TYPE	ORDER CODE	PART SN	PART NAME	ORDER CODE	PART QTY	MATERIAL	WEIGHT (LBS)
CEILING MOUNT B (adjustable angles)	1011004	⑦	Bracket	1011014	2	SUS304	0.26
		⑧	Bracket	1011015	2	SUS304	0.26

WALL MOUNT A

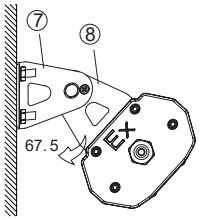




Wall Mount A
Catalog number: 1011005
Qty: 1 kit
Shipping weight: 0.62 lbs

MOUNTING TYPE	ORDER CODE	PART SN	PART NAME	ORDER CODE	PART QTY	MATERIAL	WEIGHT (LBS)
WALL MOUNT A	1011005	⑨	V-shaped Bracket	1011016	2	SUS304	0.18
		②	Bracket	1011018	2	SUS304	0.13

WALL MOUNT B (adjustable angles)



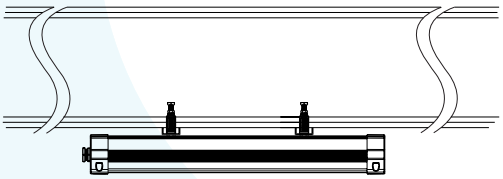
Wall Mount B
Catalog number: 1011004
Qty: 1 kit
Shipping weight: 1.04 lbs

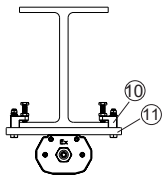
MOUNTING TYPE	ORDER CODE	PART SN	PART NAME	ORDER CODE	PART QTY	MATERIAL	WEIGHT (LBS)
WALL MOUNT B (adjustable angles)	1011004	⑦	Bracket	1011014	2	SUS304	0.26
		⑧	Bracket	1011015	2	SUS304	0.26

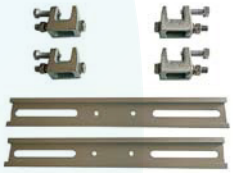
LINEAR EXPLOSION PROOF

PQ-EXCT

BEAM CLAMP MOUNT





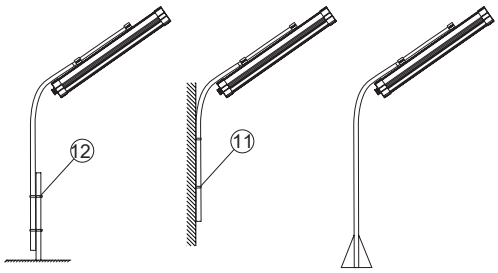


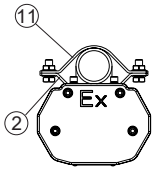
Beam Clamp Mount
Catalog number: 1011006
Qty: 1 kit
Shipping weight: 1.4 lbs

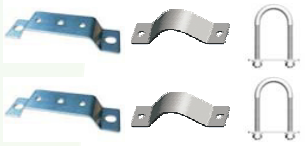
MOUNTING TYPE	ORDER CODE	PART SN	PART NAME	ORDER CODE	PART QTY	MATERIAL	WEIGHT (LBS)
BEAM CLAMP MOUNT	1011006	⑩	Beam Clamp	1011017	4	SUS304	0.26
		⑪	Aluminum Groove*	1011018	2	6063	0.18

* Suitable for 4.33-6.26 inch steel I-beam

POLE MOUNT







Pole Mount
Catalog number: 1011007
Qty: 1 kit
Shipping weight: 0.74 lbs

MOUNTING TYPE	ORDER CODE	PART SN	PART NAME	ORDER CODE	PART QTY	MATERIAL	WEIGHT (LBS)
POLE MOUNT	1011007	②	Bracket	1011017	2	SUS304	0.13
		⑪	Hoop	1011018	2	SUS304	0.11
		⑫	U-shaped Pipe Clamp	1011020	2	SUS304	0.13