

EXPLOSION PROOF E-SERIES

PQ-EXES

- High efficacy: up to 140lm/W
- CRI>70
- Surface mounting and pendant installation
- Wide and narrow optics for uniform illumination
- Copper-free aluminum
- High vibration resistance



- NEMA4X, IP66
- UL 1598/UL 1598A/UL844
- CSA C22.2 No.137/No.250.0
Class I, Division 1, Groups C, D
Class I, Division 2, Groups A, B, C, D
Class II, Division 1, Groups E, F, G
Class II, Division 2, Groups E, F, G
Class III
- Marine and wet locations
- IECEX
- ATEX
- 5 years or other warranty period specified in agreement
- L70 rating for more than 150000 hours

LISTINGS



SPECIFICATIONS

CCT	4000K-5700K
Voltage	AC90-295V / AC90-305V
Working Hours	50000
CRI	70
Efficacy	140lm/W
Size (in)	Ø14x12.3
Dimmable	Optional
Beam Angle	40°, 60°, 90°, 120°, 140°
Warranty	5 years

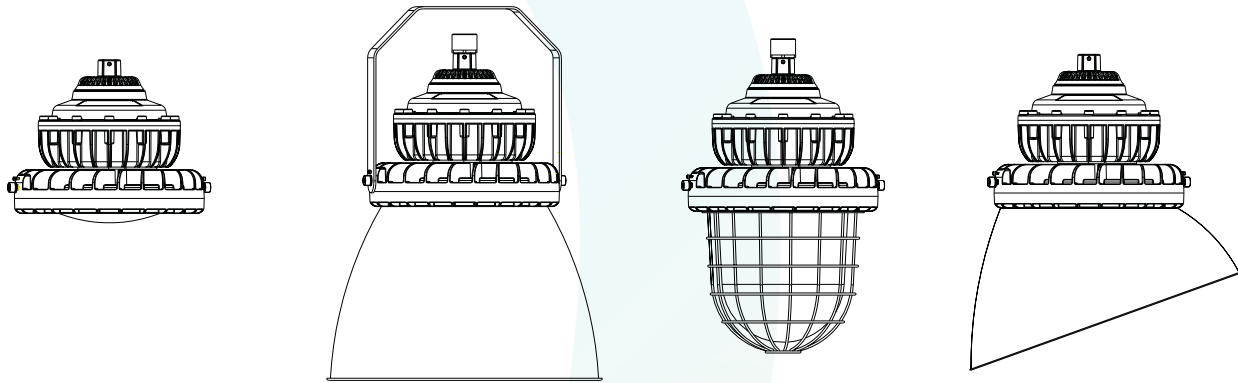
MODEL	POWER (W)	LUMENS
PQ-EXES-XXK-40W	40	5600
PQ-EXES-XXK-60W	60	8400
PQ-EXES-XXK-80W	80	11200
PQ-EXES-XXK-100W	100	14000
PQ-EXES-XXK-120W	120	16800
PQ-EXES-XXK-150W	150	21000

XX= Color Temperature: 41K=4000K-4500K 51K=5000-5500K
Beam Angle: 040D=40°, 060D=60°, 090D=90°, 120D=120°, 140D=140°,
ADD D for dimmable
ADD at the end Voltage: 120V, 240V or 347V

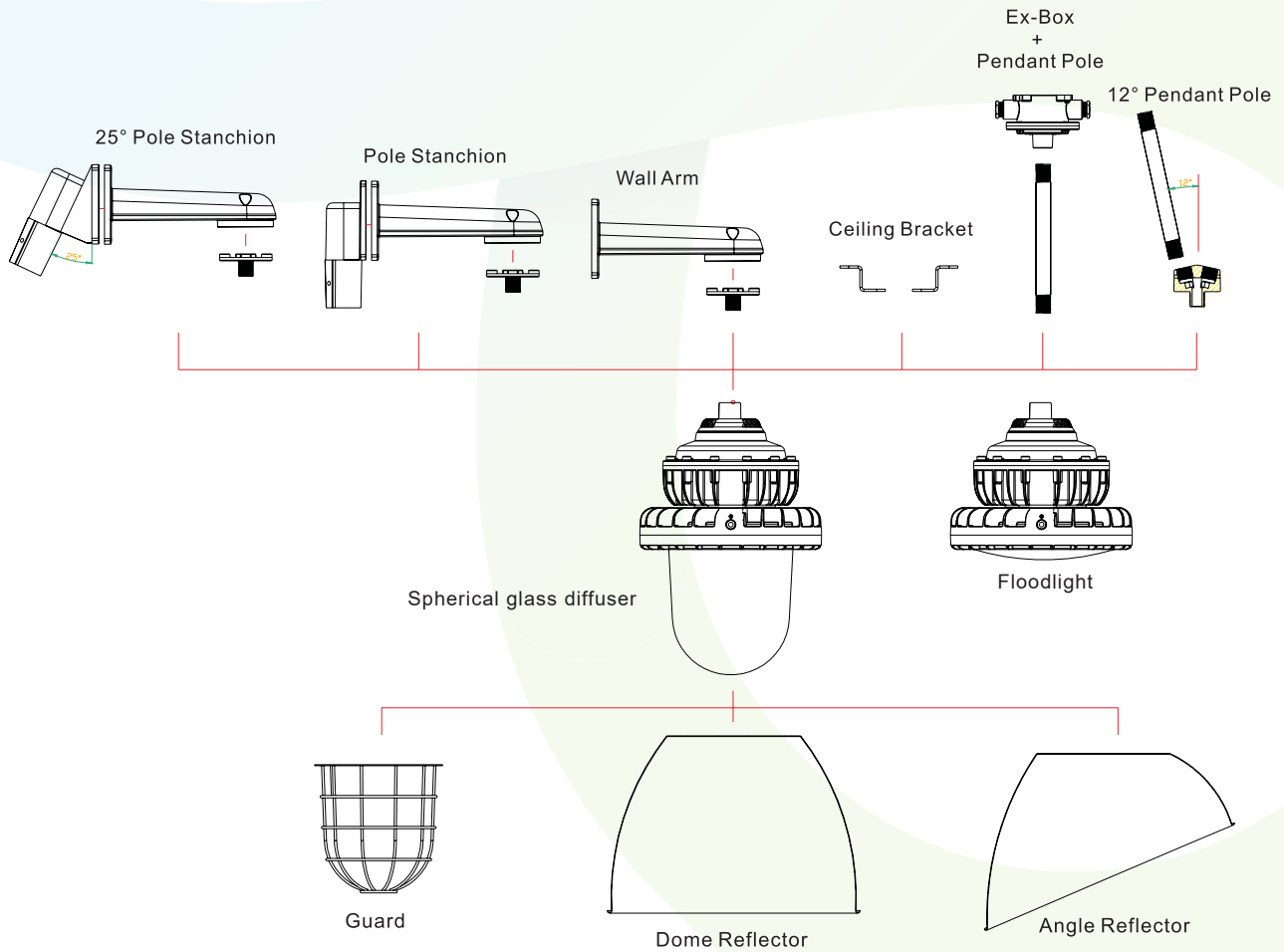
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STRUCTURE DIAGRAM



FAMILY TREE OF INSTALLATION



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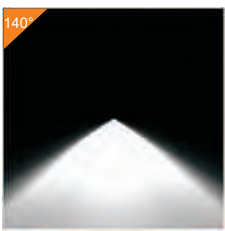
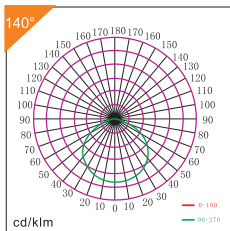
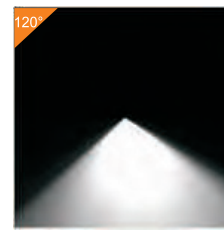
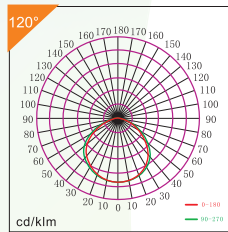
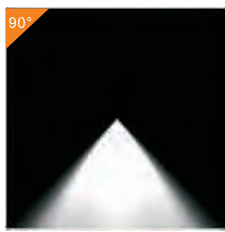
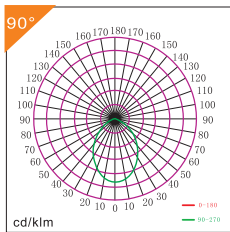
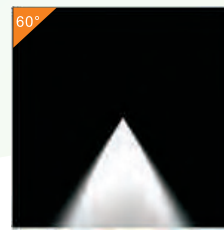
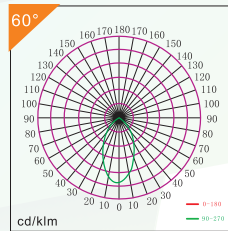
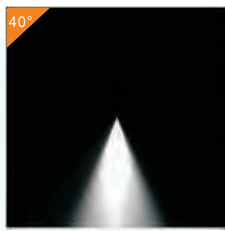
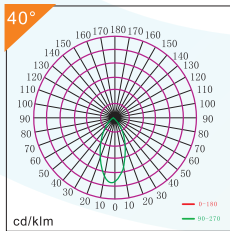
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APPLICATIONS

This luminaire can be used as a spotlight, downlight or tunnel light which can provide general illumination in hazardous locations, such as:

- Refinery
- Oil and gasoline loading dock
- Gas station
- Painting manufacture workshop
- Pumping station
- Metal smelting plant
- Mining
- Ocean platform
- Aerospace plant
- Chemical plant
- Vessel
- Military
- Flour mill
- Distillery
- Power station
- Any other high humidity, high temperature, dusty locations

LIGHT DISTRIBUTION



Light intensity curve(150W)

Distance [m]	Pyramid Diameter [m]	illuminance [lx]
1.0	1.97	E(0°) E(C0) 55.3° 19056 1865
2.0	3.93	E(0°) E(C0) 55.3° 4486 560
3.0	5.40	E(0°) E(C0) 55.3° 2081 220
4.0	7.86	E(0°) E(C0) 55.3° 1398 138
5.0	9.33	E(0°) E(C0) 55.3° 875 85
10.0	18.80	E(0°) E(C0) 55.3° 210 32

Distance [m] Pyramid Diameter [m] illuminance [lx]
 - C0 - C180 (Half divergence angle: 110.6°)

Plane illuminance curve

