

# EXPLOSION PROOF F-SERIES

## PQ-EXFS

- High efficacy: up to 100lm/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       | AC100-277V or AC200-480V  |
| Working Hours | 50000                     |
| CRI           | 70                        |
| Efficacy      | 100lm/W                   |
| Size (in)     | 11.5x11.5x16.1            |
| Dimmable      | Optional                  |
| Beam Angle    | 40°, 60°, 90°, 120°, 140° |
| Warranty      | 5 years                   |

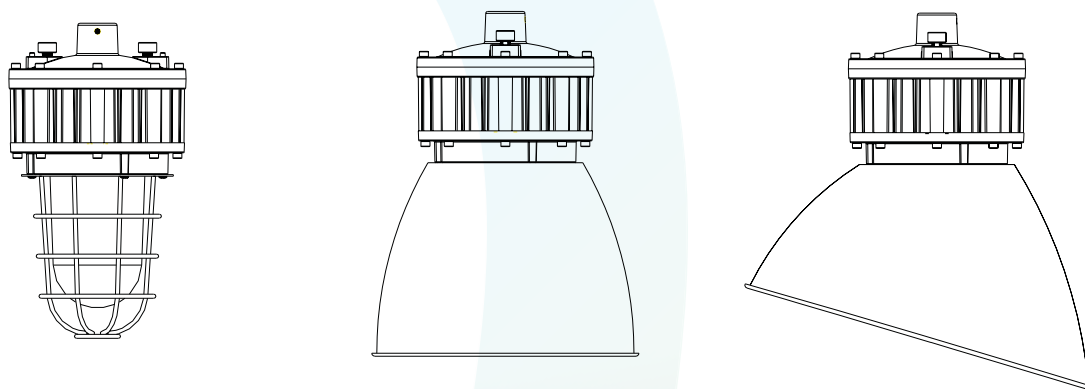
| MODEL            | POWER (W) | LUMENS |
|------------------|-----------|--------|
| PQ-EXFS-XXK-40W  | 40        | 4000   |
| PQ-EXFS-XXK-60W  | 60        | 6000   |
| PQ-EXFS-XXK-80W  | 80        | 8000   |
| PQ-EXFS-XXK-100W | 100       | 10000  |

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

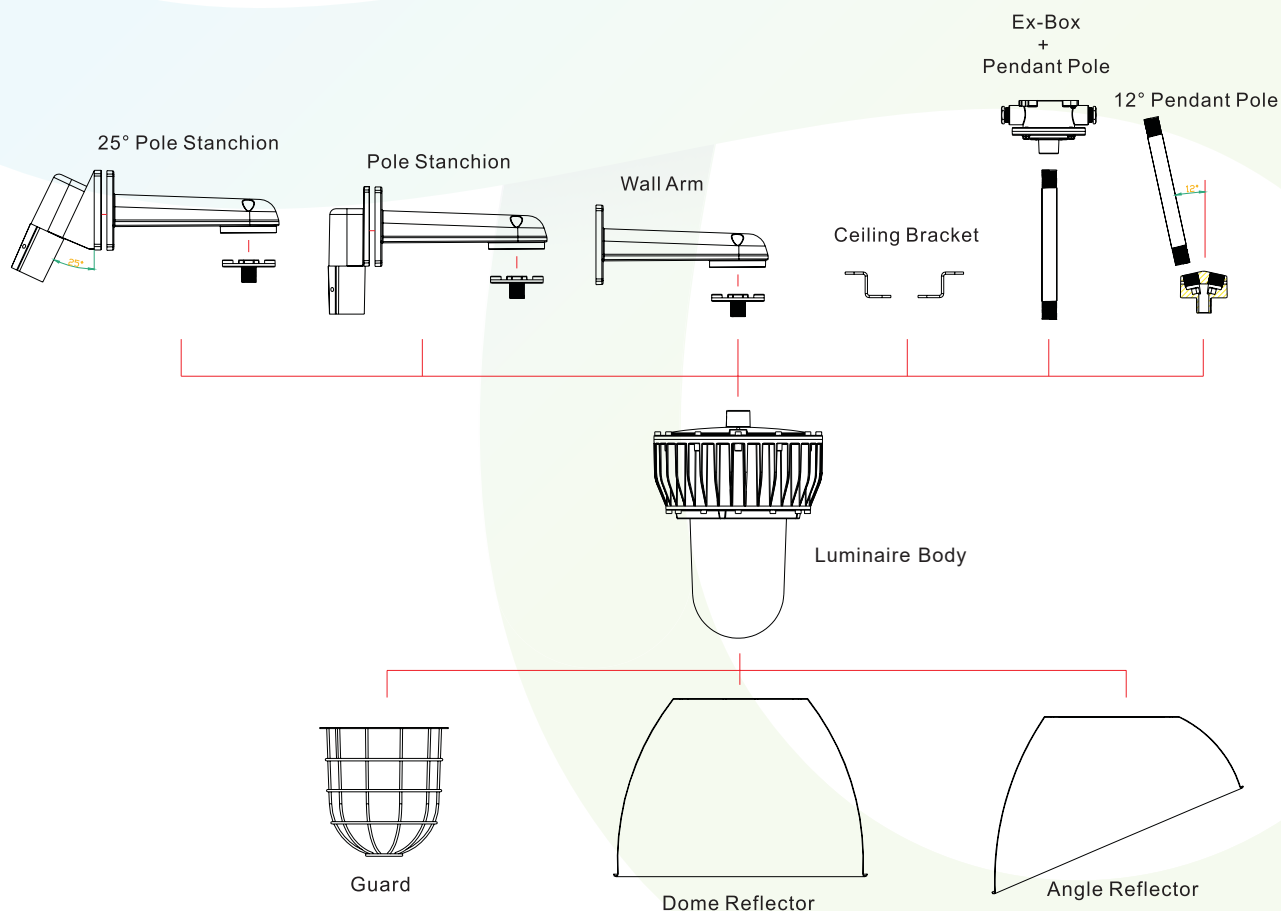
# EXPLOSION PROOF F-SERIES

PQ-EXFS

## STRUCTURE DIAGRAM



## FAMILY TREE OF INSTALLATION



EXPLOSION PROOF **F-SERIES**

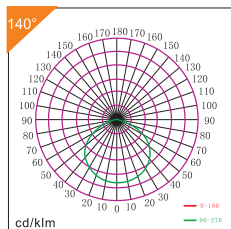
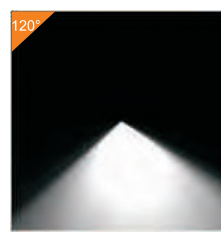
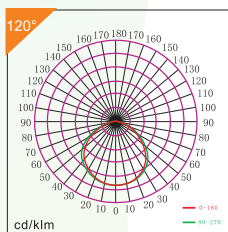
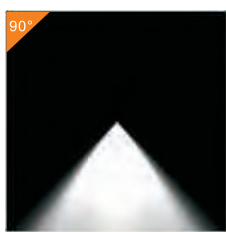
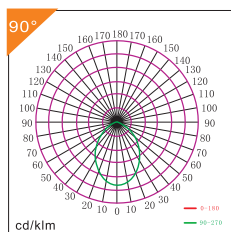
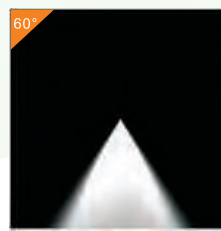
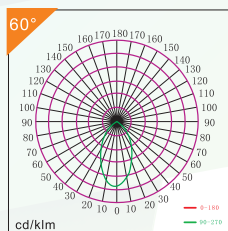
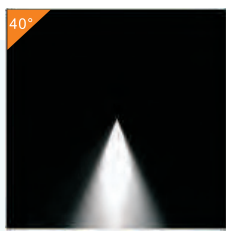
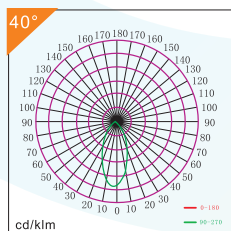
PQ-EXFS

## APPLICATIONS

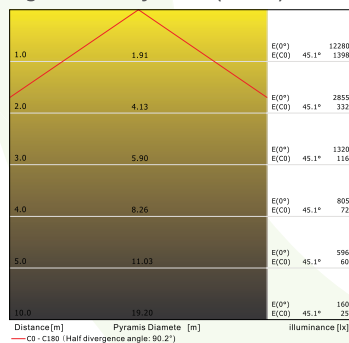
This luminaire can be used as a spotlight, downlight or tunnel light which can provide general illumination in hazardous locations, such as:

- 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(100W)



Plane illuminance curve

