

Applications

This luminaire can be used as spot light, down light and tunnel light which can provide general illumination in hazardous locations, such as:

- Refinery factory
- Oil and gasoline loading docks
- Gas stations
- Painting manufacture workshop
- Pumping stations
- Metal Smelting Plant
- Mining
- Ocean platform
- Aerospace
- Chemical plant
- Vessels
- Military
- Flourmill
- Distilleries
- Power station
- Other high humidity, high temperature, dusty locations...



A Series

Features

- High efficacy: up to 140lm/W
- CRI>80
- Surface mounting and pendant installations
- Wide and narrow optics for uniform illumination
- Copper free aluminum
- High vibration resistance

Ratings and Certifications

- NEMA 4X, IP66
- UL1598/UL1589A/UL844 CSA
- C22.2 No.137/No.250.0
 - 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
- 5-10 years warranty
- L70 rating for more than 150000 hours





Typical model specification

Product Number	Wattage	CCT	Voltage	Lumens	Working Hours	CRI
EX-40W AYZD	40	4000K-5700K	AC100-277V or AC180-480V	5600	10 years	80
EX-50W AYZD	50	4000K-5700K	AC100-277V or AC180-480V	7000	10 years	80
EX-60W AYZD	60	4000K-5700K	AC100-277V or AC180-480V	8400	10 years	80
EX-70W AYZD	70	4000K-5700K	AC100-277V or AC180-480V	9800	10 years	80
EX-80W AYZD	80	4000K-5700K	AC100-277V or AC180-480V	11200	10 years	80
EX-90W AYZD	90	4000K-5700K	AC100-277V or AC180-480V	12600	10 years	80
EX-100W AYZD	100	4000K-5700K	AC100-277V or AC180-480V	14000	10 years	80

“A”=Product series “Y”=D or N:Dimmable or non-dimmable “Z”= CCT, from 4000~5700K “D”=Beam angle:110°, 140°

Mechanical information

	Size(in)
AC100-277V models	12.6"x9.4"x6.5"
AC200-480V models	12.6"x9.4"x6.5"

Structure diagram

