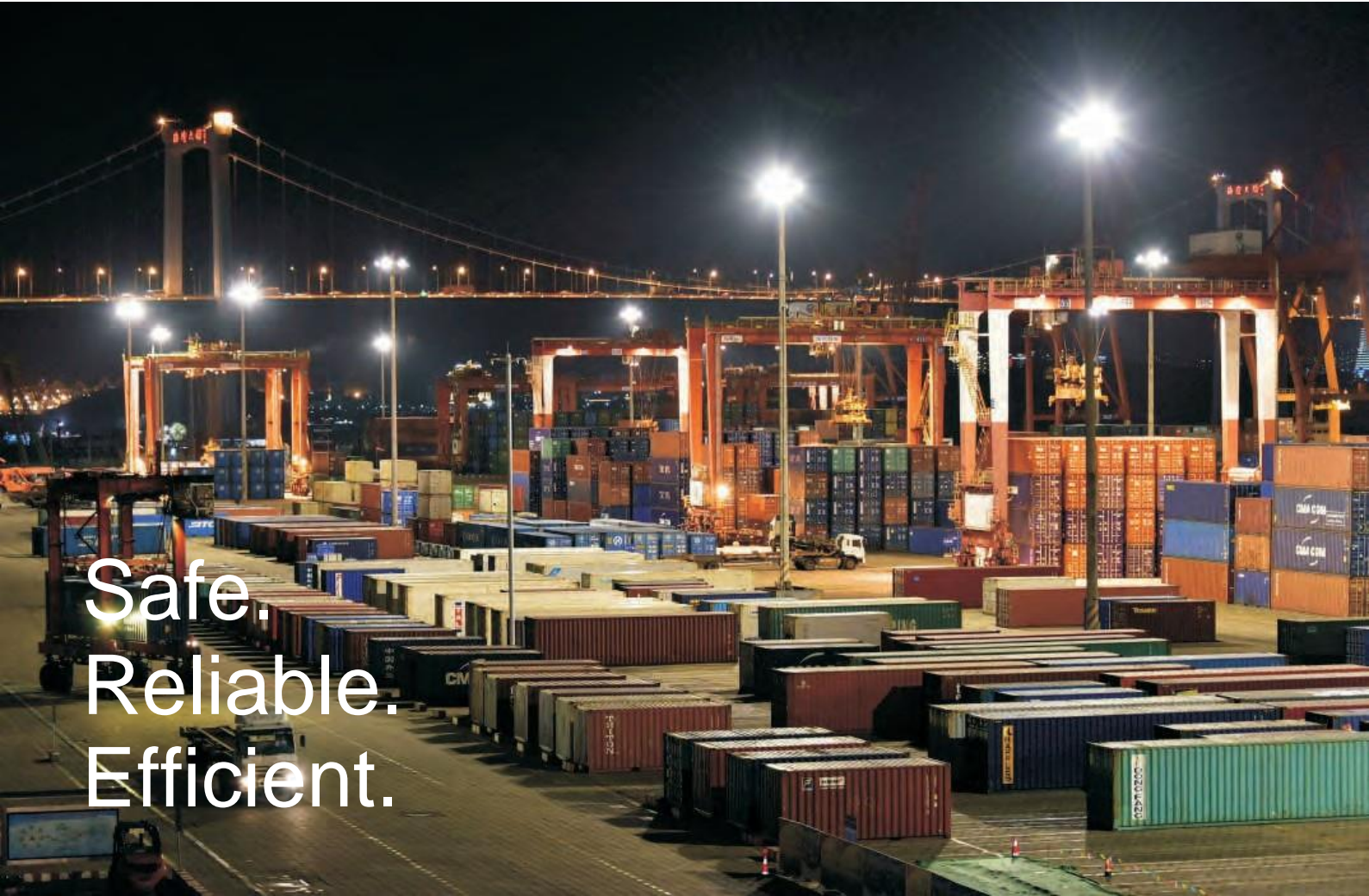


HAZARDOUS LOCATION LIGHT SPECIFICATION



EXD Series C1D1



Ratings and Certifications

- NEMA 4X, IP66
- UL1598/UL1598A/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



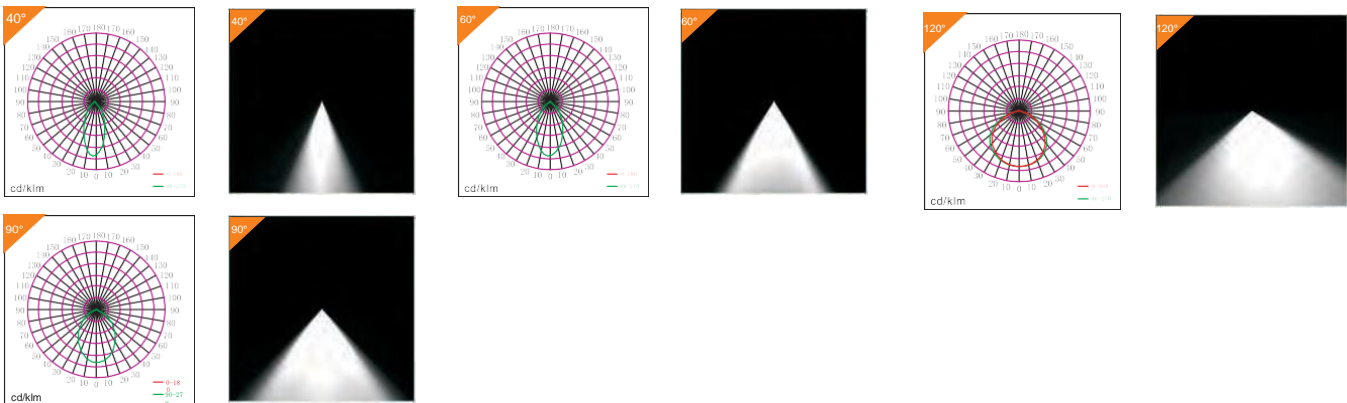
Applications

This luminaire can be used as flood light, wall pack and area light which can provide general illumination in hazardous locations, such as:

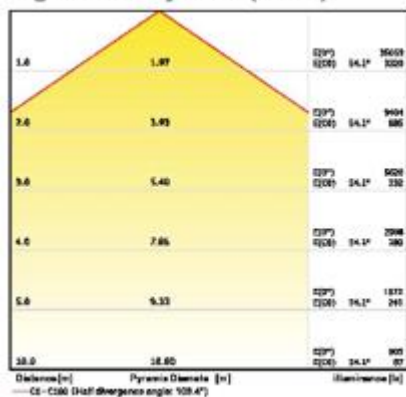
1. Oil refineries and Gas station
2. Oil and gasoline loading dock
3. Distillery
4. Painting manufacturing plant
5. Pumping station
6. Mine
7. Vessel
8. Other high humidity, high temperature, dusty location

Hazardous Location Light

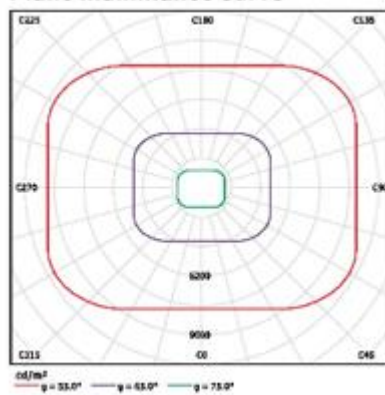
Professional Light Distribution



Light Intensity curve(220W)



Plane illuminance curve



Typical model specification

Product Number	Wattage	Color Temperature	Voltage	Lumens	Working Hours	CRI
EX-20W D2YZDA	20	4000K-5700K	AC100-277V	2800	5 years	70
EX-40W D2YZDA	40	4000K-5700K	AC100-277V or AC200-480V	5600	5 years	70
EX-60W D2YZDA	60	4000K-5700K	AC100-277V or AC200-480V	8400	5 years	70
EX-80W D2YZDA	80	4000K-5700K	AC100-277V or AC200-480V	11200	5 years	70
EX-100W DYZDA	100	4000K-5700K	AC100-277V or AC200-480V	14000	5 years	70
EX-120W DYZDA	120	4000K-5700K	AC100-277V or AC200-480V	16800	5 years	70
EX-150W DYZDA	150	4000K-5700K	AC100-277V or AC200-480V	21000	5 years	70
EX-180W DYZDA	180	4000K-5700K	AC100-277V or AC200-480V	25200	5 years	70
EX-200W DYZDA	200	4000K-5700K	AC100-277V or AC200-480V	28000	5 years	70
EX-220W DYZDA	220	4000K-5700K	AC100-277V or AC200-480V	30800	5 years	70

“D”=Product Series “Y”=D or N: Dimmable or non-dimmable “Z”=CCT, from 4000K-5700K “D”=Beam angle: 40°, 60°, 90°, 120°

Features

- 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

Hazardous Location Light

Mechanical information

	D Size (in)	D2 Size (in)
AC100-277V models	15.7×11.3×10	11.6×11.6×9.55
AC200-480V models	15.7×11.3×10	11.6×11.6×9.55

Structure diagram

