



APPLICATIONS

Oil and Gas industry

- All petroleum production and refining
- Petroleum loading and transportation
- Petroleum storage and retail
- LNG industry
- All mining operations and service

Chemical industry

- All types of paint facilities
- Chemical production and storage

Ocean, marine and aerospace field

- Ocean platform operation facilities and structure
- Aerospace clean room and production
- Ocean vessel operations

Metal treatment

- Steel and aluminum factories
- Pumping stations in any environment
- Metal smelting, foundry and fabrication

Food and alcohol industry

- Flour and fine particle production and storage
- Food and distilling production
- Alcohol industry

**Other high humidity, high dust,
high temperature, vapor locations**

FEATURES

- Working Temperature: -40°C ~ +55°C.
- High quality SMT LED and Meanwell Driver.
- Light-weight design by aircraft aluminum.
- Heavy-duty and high impact resistance.
- Three connection cable entry y points.
- Replaceable LED board and drivers.
- Integrated junction box for driver with emergency back up.
- Dimmable and batter y back up function available.
- Marine rating powder coated appearance treatment.
- Up to 5 years limited warranty option.
- Emergency Batter y back up to three hours.
- Various installation ways for different applications.
- Glass lens or Glass with polycarbonate lens to make bigger beam angle.

MATERIALS

- Housing: Aluminum
- Lens: Tempered glass
- Hardware: stainless steel
- Mounting Bracket: stainless steel

EXPLOSION PROTECTION

Marking ATEX

II 3 G Ex ec IIC T3 Gc

II 2 D Ex tb IIIC T103°C Db IP66

II 2 G Ex mb eb IIC T3 Gb

II 2 D Ex tb IIIC T125°C Db IP66

Marking IECEX

Ex ec IIC T3 Gc

Ex tb IIIC T103°C Db IP66

EX mb eb IIC T3 Gb

EX tb IIIC T125°C Db IP66

Marking UI844 (North American)

Class I, Division 2, Groups A, B, C, D

Class II, Division 1, Groups E, F, G

Class II, Division 2, Groups F, G

Class III

Marine Marking UL

1598A ABS

Other Rating IP 66



A2



A



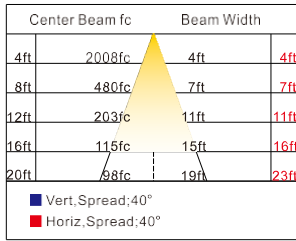
A3



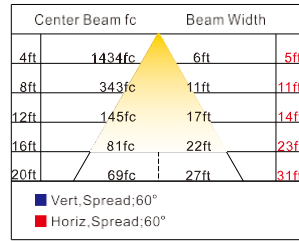
A4

LIGHT DISTRIBUTION

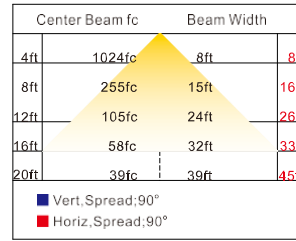
200W/40D



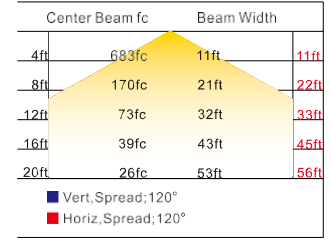
200W/60D



200W/90D



200W/120D



SPECIFICATION

Model	Wattage	Color Temperature	Voltage	Lumens	Warranty	CRI
EX-20W A2YZDA	20W	2200K-7000K	AC100-277V(by driver or by IC) Or DC12-48V	2600	5 years	80
EX-40W A2YZDA	40W			5200		
EX-60W A2YZDA	60W			7800		
EX-80W AYZDA	80W			10400		
EX-100W AYZDA	100W		14000			
EX-150W A3YZDA	150W		AC100-277V(by driver or by IC) Or DC12-48V Or AC200-488V(<100W)	21000		
EX-180W A3YZDA	180W			25200		
EX-200W A3YZDA	200W			28000		
EX-150W A4YZDA	150W			21000		
EX-180W A4YZDA	180W			25200		
EX-200W A4YZDA	200W			28000		
EX-300W A4YZDA	300W			42000		
EX-400W A4YZDA	400W			56000		

“A,A2,A3,A4”=Product code. “Y”=D or N:Dimmable or non-dimmable “Z”=CCT, from 2200-7000K.

“D”=Beam angle, D40 for 40°, D60 for 60°, D90 for 90°, D120 for 120°.

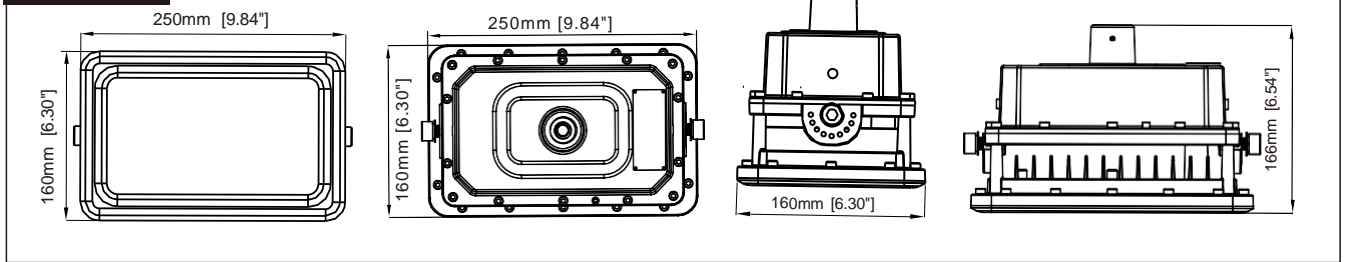
PACKAGE INFORMATION

Model	Quantity/Carton	Length(cm)	Width(cm)	Height(cm)	Net weight(kg)	Gross weight(kg)
A	1	37.5	34	21.5	6.95	7.9
A2	1	36.5	27	30.5	4.15	5.3
A3	1	48.5	34	36.5	8.3	10.3
A4	1	35	47	40	15.1	17

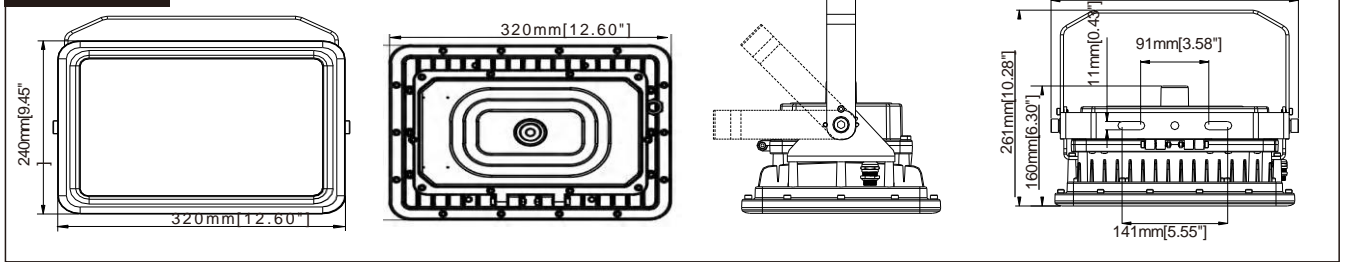
DIMENSION

These structure type with bracket, flat glass and optics lens generates 40°,60°,90° and 120° light distribution.

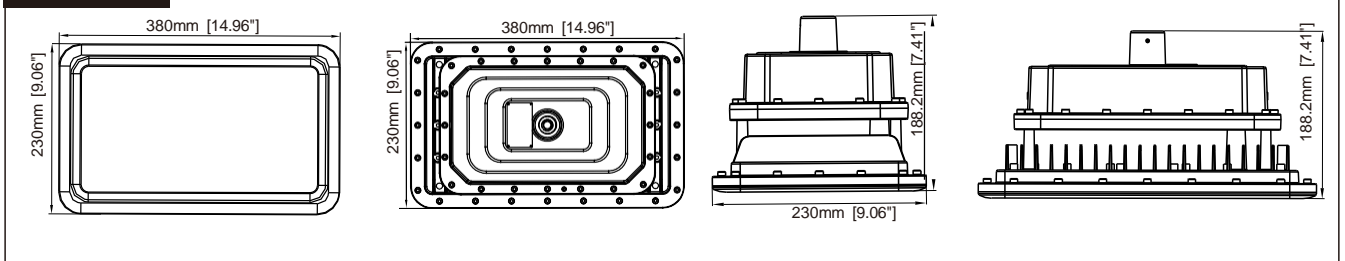
A2 Series



A Series



A3 Series



A4 Series

