Explosion Proof Light
D Series

Industrial Field & Hazardous Locations

LUMENS DEPOT
PRO LIGHTING SOLUTION

TEL: +18007658555 E-MAIL: helpdesk@lumensdepot.com HTTP://WWW.LUMENSDEPOT.COM
ADDRESS: 18 Lawrence Pkwy, Tenafly, New Jersey, 07670, USA

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

Explosion Protection

Marking UL844(North American)

Class I, Div. 1, Groups C, D
Class I, Div. 2, Groups A,B,C,D
Class II, Div. 1, Groups E,F,G
Class II, Div. 2, Groups F,G
Class III

Marine Marking
UL 1598A
ABS

Other Rating
IP 66
IK 10

Materials

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

Specification

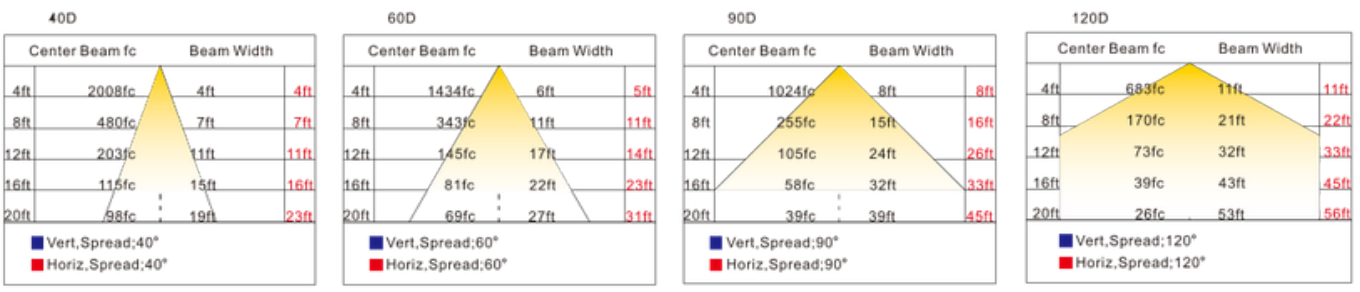
	Wattage	Color Temperature	Voltage	Lumens	Warranty	CRI	Emergency Time
	20W	2200K-7000K	AC100-277V (by driver or by IC) Or AC200-480V (<65W) Or DC12-48V	2800	5 years	80	3 Hours
	40W			5600			
	60W			8400			
	80W			11200			
	100W		AC100-277V (by driver or by IC) Or AC200-480V Or DC12-48V	14000			
	150W			21000			
	200W			28000			

"D,D2"=Product series; "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°; A for glass info.: blank for flat glass.

Packing Information

	Q uantity /C tn	D im ens ion(M M)	Net weight(KG)	Gross weigth(KG)
	1	502×376×350	17.9	19.5
	1	400×385×335	7	9.5

Light Distribution



LUMENS DEPOT PRO LIGHTING SOLUTION
TEL: +18007658555 E-MAIL: helpdesk@lumensdepot.com HTTP://WWW.LUMENSDEPOT.COM
ADDRESS: 18 Lawrence Pkwy, Tenafly, New Jersey, 07670, USA

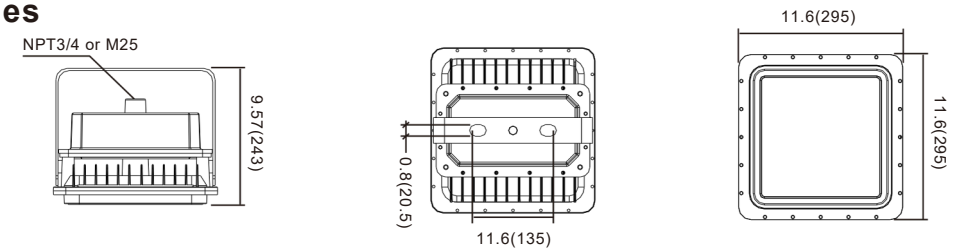
Features

- WorkingTemperature: -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 points.
- Replaceable LED board and drivers.
- Integrated junction box for driver with emergency back up.
- Dimmable and battery back up function available.
- Marine rating powder coated appearance treatment.
- Up to 5 years limited warranty option.
- Emergency Battery back up to three hours.
- Various installation ways for different applications.
- Glass lens or Glass with polycarbonate lens to make bigger beam angle.

Dimension

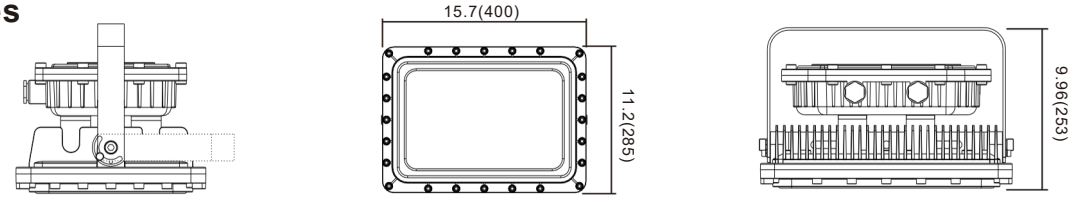
Unit: mm or inch

D2 Series



This structure type with bracket,flat glass and optics lens to generate 40°,60°,90° and 120° light distribution.

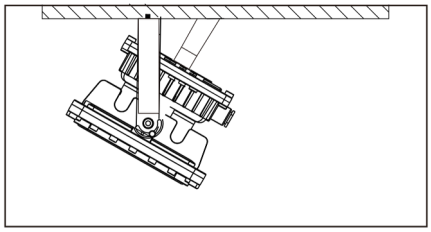
D Series



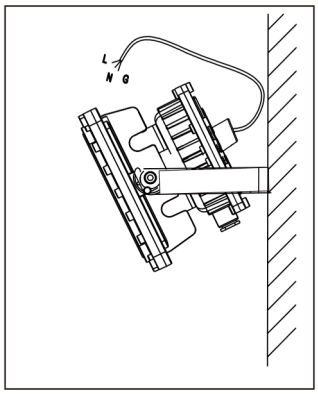
This structure type with bracket,flat glass and optics lens to generate 40°,60°,90° and 120° light distribution.

Mounting

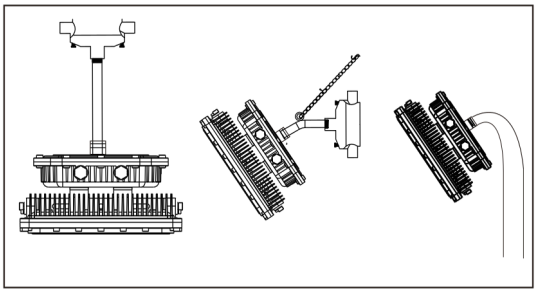
No.1: Ceiling Mounting



No.2: Wall Mounting



No.3: Pole Mounting



D

D2

Accessories

LUMENS DEPOT
PRO LIGHTING SOLUTION
TEL: +18007658555 E-MAIL: helpdesk@lumensdepot.com HTTP://WWW.LUMENSDEPOT.COM
ADDRESS: 18 Lawrence Pkwy, Tenafly, New Jersey, 07670, USA