

Explosion-proof D Series LED



D

SPECIFICATIONS

Input Voltage	120/277/347/480V
Performance	136lm/W/140lm/W
Distribution	40°/60°/90°/120°
Mount Type	Ceiling, Wall, Pole
Wattages.....	60/80/100/150W
Kelvin Temperature	4000k/5000K
Color Rendering Index	>70

Applications

- Heavy Industrials Storage Facility
- Paper mills
- Wastewater Treatment Plants
- Loading Docks Platforms
- Offshore Environments
- Chemical Processing Facility Application
- Power Plants
- Petrochemical Processing Facility
- Metallurgical Industry
- Coal Mine
- Food and Alcohol industry

PROJECT NAME	
CATALOG #	
NOTES	

FEATURES

- > 0-10V dimming
- > High luminous efficacy - Up to 140 lumens per watt
- > Battery backup function available
- > Compact and robust structure, excellent reliability
- > Various installation ways for different applications
- > Great impact resistance with IK08/IK10 certified
- > Copper-free aluminum housing, great corrosion resistance and cooling performance

UL 844 Hazardous Locations
 Class I Division 1, Group C, D
 Class I Division 2, Group A, B, C, D
 Class II Division 1, Group E, F, G
 Class II Division 2, Group F, G
 Class III
 Class I, Zone 1, Group IIB
 Class II, Zone 21, Group IIIC
 UL 1598 Wet Locations
 UL 1598A Marine Outside Type
 UL 924 Emergency Lighting
 CSA C22.2#137:2018 Ed.2
 CSA C22.2#250.0:2021 Ed.5
 ETL (ATM for Report 105342415DAL-001/003)
 CB (Ref. Certif. No.: DE 2-028898)
 ABS
 DLC*
 IP66/IP67 IK08 (glass cover)
 IK10 (with wire guard)
 1000 hours salt spray

5-Year Standard Warranty

LED lumen Maintenance: L70> 150,000 Operation Hours@55°C

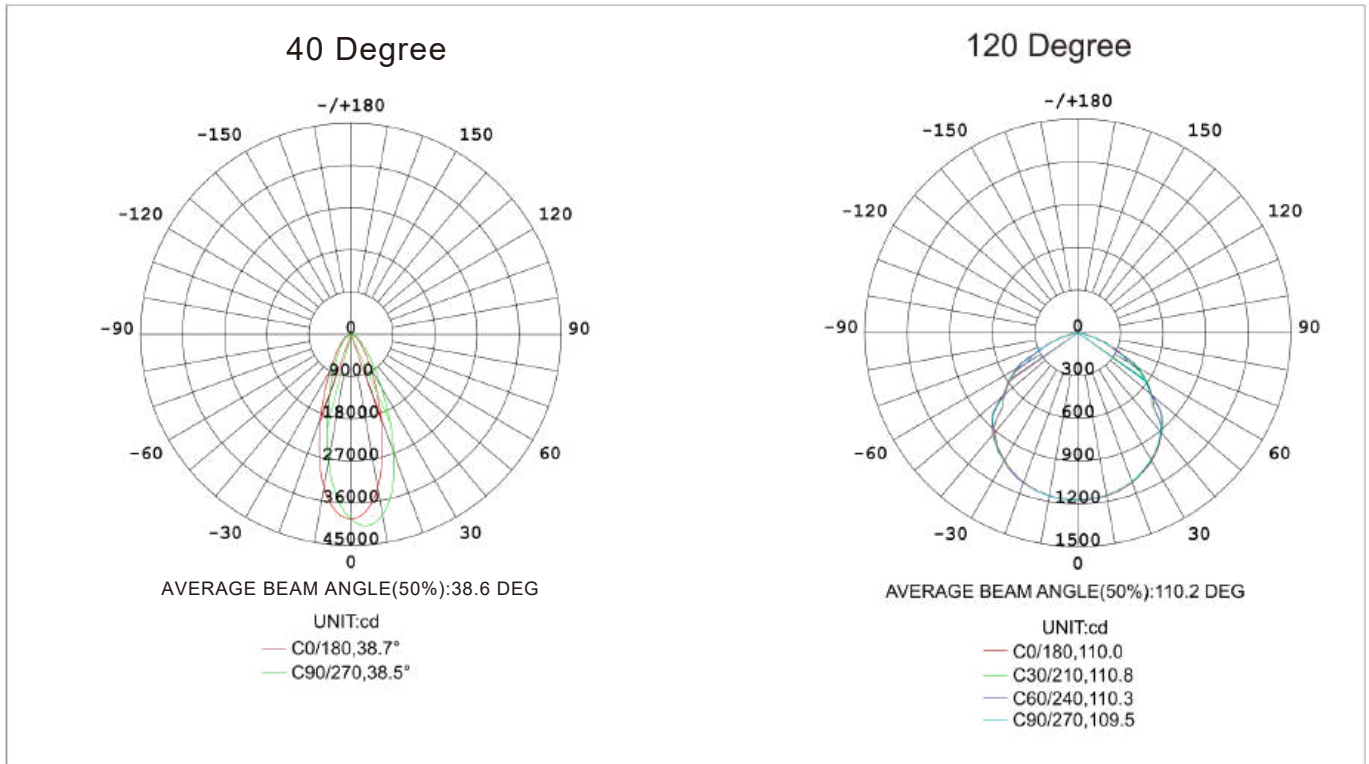
D SERIES ORDERING INFORMATION

SAMPLE ORDER NUMBER: D-2-2-4-1-2-2-1

Series	Wattage	Kelvin	Optics	Lens	Driver	Driver Voltage	Options
D	1) 60w	1) 4000K	1) 40°	1) Glass	1) Dim	1) 120v-277v	1) BAA
	2) 80w	2) 5000K	2) 60°		2) Non-Dim	2) 347v-480v	2) Battery Backup
	3) 100w		3) 90°				
	4) 150w		4) 120°				

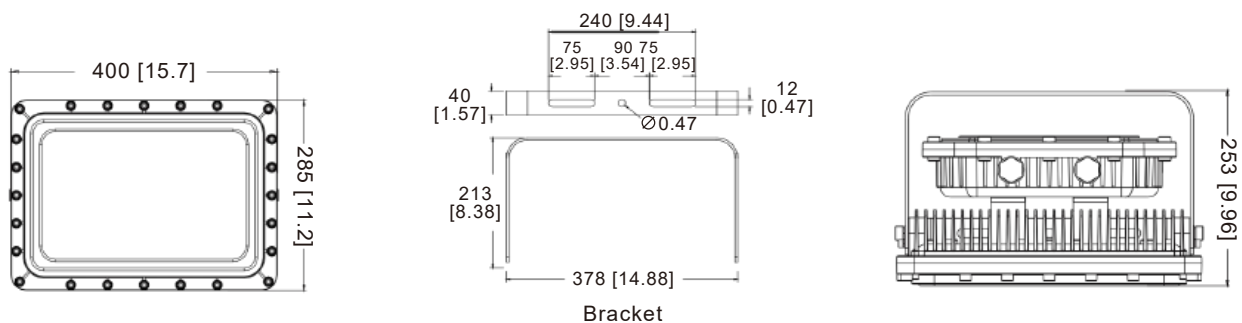
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Distribution - Polar Plot



Product Dimensions Unit: mm [inch]

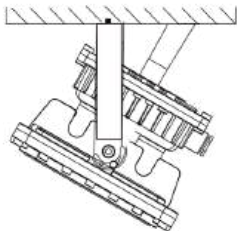
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Mounting Methods and Accessories

•Option 1: Ceiling Mounting

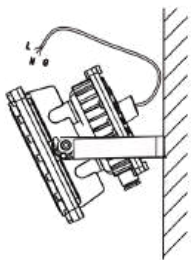


• Accessory



Bracket

•Option 2: Wall Mounting

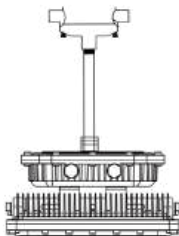


• Accessory



Bracket

•Option 3: Pole Mounting (Vertical)



• Accessories

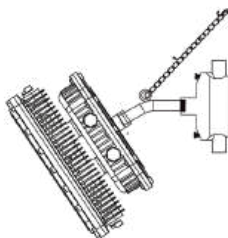


Junction Box
EX-HD51-KB1



Pole
Ex-Straight Pipe

•Option 4: Pole Mounting (Non-vertical)



• Accessories



Junction Box
EX-HD51-KB1



Pole
Ex-Bended Pipe

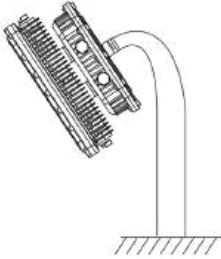


Pendant Chain
Ex-Straight Chain

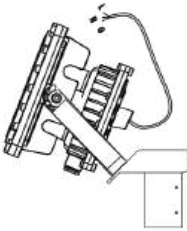
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Mounting Methods and Accessories

•Option 5: Pole Mounting



•Option 6: Trunnion Mounting

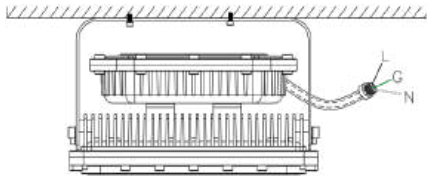


• Accessory



**EX-Slip
Fitter Mounting Kit**

•Ceiling Mounting



• Accessory



Bracket