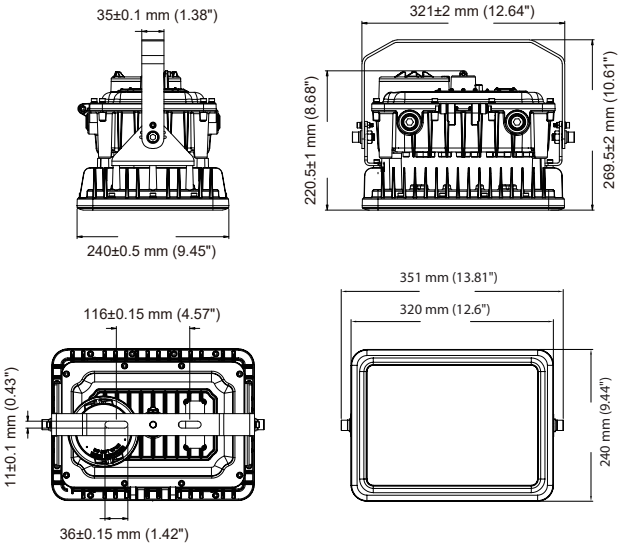
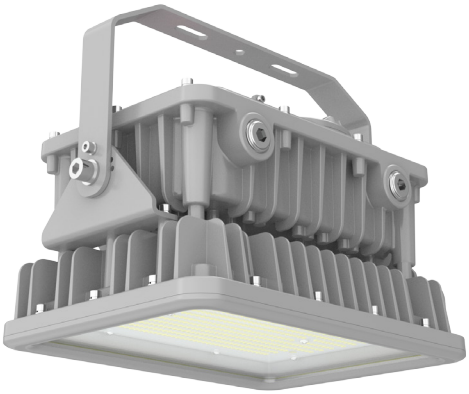
TLFEU2C80D120P

Explosion-proof luminaire





Electrical specifications	
Model no.	TLFEU2C80D120P
DLC ID	-
Power ±10%	80 W
Input voltage	AC120-347V
Frequency	50/60 Hz
Efficacy ±10%	140 lm/W
Power factor	>0.95
Dimmable	0-10 V
Surge protection	10 kv
Total harmonic distortion	<20%

Photometric specifications	
CRI	>70
CCT	5000 K
Beam angle	120°
Light output ±10%	11 200 lm

Mechanical specifications	
IP rating	IP66 / IP67 / IK08
Material	Aluminum
Lens	Clear tempered glass
Net weight	6.95 kg
Product dimensions	± 13.81" x 9.45" x 10.61"
	± 351 x 240 x 269.5 mm
Operating humidity	10% ~ 90%
Operating temperature and temperature class	-40°C ~ 40°C, T6
	-40°C ~ 50°C, T4A
Lumen maintenance	80% at 100 000 hours

Product description:

- CLASS 1 - DIVISION 2 - GROUP A, B, C, D.
- Compliant with standards :
  - UL 844
  - UL 1598 wet locations
  - UL 1598A marine outdoor type
  - CSA C22.2 No. 250.0
  - CSA C22.2 No. 137
- Significant energy savings compared to HPS/MH lighting.
- 5-year warranty.
- Other CCT available on request.
- Color: gray.

Applications:

Areas with risk of explosion (gas emissions), areas with vapor or dust, petrochemical complexes, mines, etc.
Designed for wet locations.
Indoor and outdoor.

Optional accessories		
		
EX-HD51-KB1-3/4NPT	**EX-HD51-KYD-90-3/4NPT**	**EX-HD51-KYD-45-3/4NPT**
Junction box	90° bracket	45° bracket