



## LED Explosion Proof Flood Light / Area Light / High Bay

- 80 Watts / 11,200 lumens
- 100 Watts / 14,200 lumens
- 150 Watts / 21,000 lumens
- 200 Watts / 28,000 lumens
- 240 Watts / 33,600 lumens

### General Description and Usage

The EPRFL-C Series multi-purpose flood light is rated as follows for use in environments that require the following certifications:

- 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

The fixture is designed for applications requiring metallic fixtures. Excellent for marine wet and damp locations. Typical applications include solvent and cleaning areas, petrochemical facilities, marine facilities, waste treatment plants and food processing applications. Housing is aluminum with clear diffuser/lens. Fixture available for surface mounting or pendant installation.

### Electrical

Long-life LED system coupled with electronic driver delivers optimal performance. LED's available in 80+ CRI, 5000k. Projected L70 rated life is >100,000 hours. Standard electronic drivers are 120-277 universal voltage.

### Listing/Certifications

- NEMA 4X, IP66
- UL1598/UL1598A/UL844
- CSA C22.2 No.137/No.250.0
- Marine and Wet Locations
- IECEX
- ATEX

### Performance

The EPRFL-C luminaire offers up to 140 lumens per watt, >80; THD <10% PF>99. Projected L70 life is >100,000 hours. Fixture is standard with long life drivers and LED modules. LED modules and drivers are offered with a standard 5 year warranty based on performance under normal conditions. (consult warranty for details.)

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.



EPRFL-C-80W-UNV  
EPRFL-C-100W-UNV  
EPRFL-C-150W-UNV  
EPRFL-C-200W-UNV  
EPRFL-C-240W-UNV

### LED Benefits

- Environment friendly - No mercury or lead
- Up to 60% energy savings compared to fluorescent fixtures
- Maintenance free operation
- Last up to 20 times longer than conventional lamps
- Direct replacement for traditional light sources
- Up to 140 lumens per watt

### Features & Benefits

- High efficacy: up to 140lm/W
- CRI>70
- Surface mounting and pendant installation
- Copper free aluminum
- Highly vibration resistant

## Model Configuration

Model	Wattage	Kelvin	Voltage	Lumens	CRI
EPFL-C-80W-UNV	80	5000	120-277*	11,200	70
EPFL-C-100W-UNV	100	5000	120-277*	14,200	70
EPFL-C-150W-UNV	150	5000	120-277*	21,000	70
EPFL-C-200W-UNV	200	5000	120-277*	28,000	70
EPFL-C-240W-UNV	240	5000	120-277*	33,600	70

\* Available in 480-volt

## Dimensions

Model	Dimensions (in.)
EPFL-C-80W-UNV	Ø 16×13.4/26.9
EPFL-C-100W-UNV	Ø 16×13.4/26.9
EPFL-C-150W-UNV	Ø 16×13.4/26.9
EPFL-C-200W-UNV	Ø 16×13.4/26.9
EPFL-C-240W-UNV	Ø 16×13.4/26.9

## Light Distribution

Fixture is available in 40°, 60°, 90° and 120° light distribution patterns.

## Fixture Mechanical Structure

**Truex** Lighting

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