# PHOENIX®

DURABILITY X DESIGN™

# Command Flood® Remote Driver Series

## Marine Industrial LED Floodlight

Designed to withstand moisture and corrosion found in marine and industrial installations

Lightweight design, remote driver capability helps reduce maintenance cost

Customized mounting brackets for quick and easy installation

Stainless steel bracket and hardware for maximum corrosion resistance

Max remote distance up to 300 meters (dimming and output)

Designed and manufactured in the USA

## Key Applications

Outdoor perimeters
Maritime vessel decks
Overhead cranes
Gantry cranes
General area lighting
Monument and landscape lighting

## Compliances

LED Module UL/cUL Certified to:
- UL 1598 Suitable for Wet Locations
- UL 1598A Marine Outside Type (Saltwater)
- CSA C22.2 No. 250.0

IP66
CE
LM79 and LM80 reports available upon request
Buy American Act (BAA), modules only
Build America Buy America Act (BABA), modules only

## Specifications

| Construction | Marine grade, aluminum housing |
| | Adjustable 316 stainless steel mounting harp (SSHRP) |
| Finish | Type II anodized finish per MIL-A-8625 |
| Hardware | Marine grade (316) stainless steel |
| Lens | Weatherproof, clear polycarbonate |

## Specifications

| Light source | CF-125-V2, up to 125W, up to 15,000 lumens |
| | CF-250, up to 240W, up to 32,000 lumens |
| | CF-375, up to 360W, up to 48,000 lumens |
| | CRI > 70 |
| | L90 > 100,000 hours |
| | Cool white 5000K (CW), neutral white 4000K (NW) or warm white 2700K (WW) LEDs |
| Power source | Module: constant current up to 1.8A max, 64-70VDC (CF-125-V2), 128-140VDC (CF-250), 256-280VDC (CF-375) |
| | Remote Driver: 200-480VAC, 50/60Hz |
| | IP66 rated for indoor or outdoor use |
| | Overload, over-voltage, over-temperature and short-circuit protection, max remote distance up to 300 meters |
| Surge protection | Remote Driver: 10kV line to line; 10kV line to earth (standard) |
| Controls | DALI-2 / DMX-RDM Dimmable |
| Wiring | Module includes 6 ft SOOW cable with pigtail, 0.38 inch (9.7mm) O.D. |
| | Power supply does not include cable, cord grips only |
| Vibration | 5 Grms, 100-2200 Hz |
| Ambient operating temperature | LED Module: -40°C to + 50°C |
| | Power Supply: -40°C to + 40°C |
| | Designed for use in areas allowing air flow |
| Mounting | 316SS harp mount |
| | 220° harp rotation |
| Safety cable | Safety cable optional |
| Weight | CF-125-V2 module - 14.4 lbs (6.53 kg) |
| | CF-250 module - 26.4 lbs (11.97 kg) |
| | CF-375 module - 37.2 lbs (16.87 kg) |
| Warranty | 5 years |

*For IES files, see website or contact factory*

## Dimensions

### CF-125-V2 Module

Ø 0.6 in (14 mm)

2.5 in (64 mm)
2.5 in (64 mm)   2.0 in (51 mm)
4.0 in (102 mm)
11.4 in (291 mm)

9.6 in (245 mm)

2.50 in (64 mm)
10.6 in (270 mm)

### CF-250 Module

0.6 in (14 mm)

6.00 in (152 mm)   4.00 in (102 mm)
16.00 in (406 mm)
20.50 in (521 mm)

10.7 in (271 mm)

10.7 in (271 mm)
10.6 in (270 mm)

### CF-375 Module

0.6 in (14 mm)

6.00 in (152 mm)   4.00 in (102 mm)
16.00 in (406 mm)
28.50 in (724 mm)

10.9 in (278 mm)

10.9 in (278 mm)
10.6 in (270 mm)
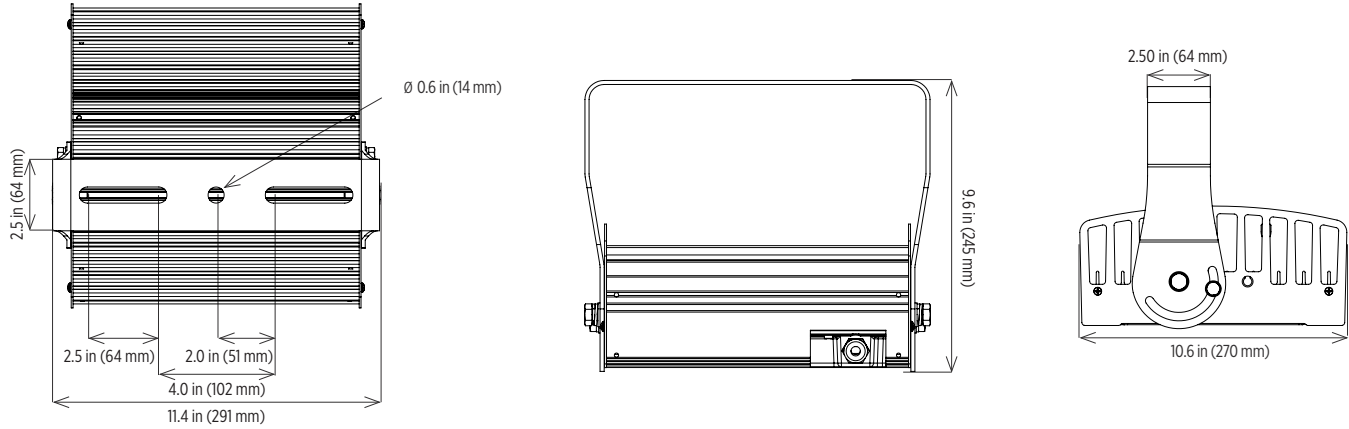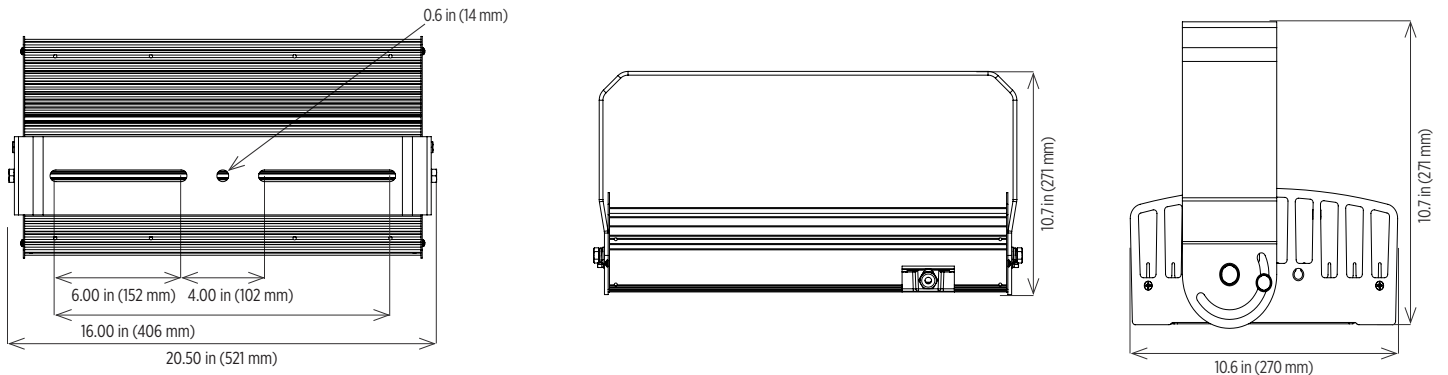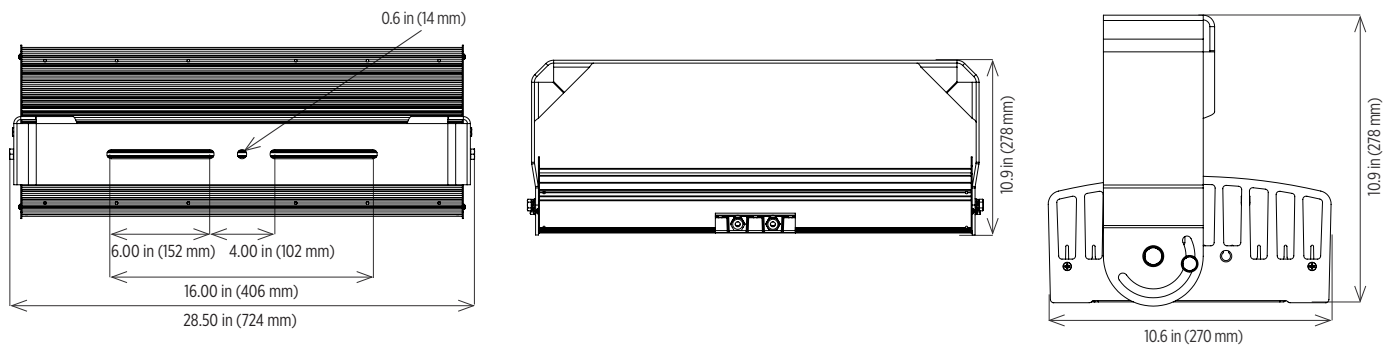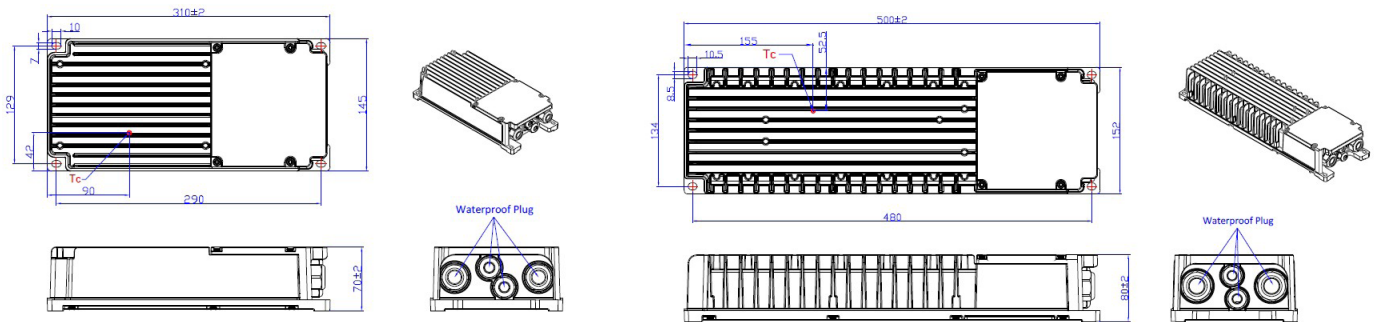
## Dimensions



## Ordering Information

**Note:** LED modules require an external power supply as they do not have an integrated driver. Order a Phoenix recommended remote driver (RDRV) kit separately or use compatible driver according to specifications. Contact factory for additional details.

**LED Modules Example:** CF-125-VS-RMT-DRV-CW-SSHRP-V2

| Description | Module | Optic | Voltage | CCT | Mounting Bracket | Version |
|---|---|---|---|---|---|---|
| CF | 125 | VS | RMT-DRV [1] | CW | SSHRP | V2 [2] |
| | 250 | SP | | NW | | |
| | 375 | MF | | WW | | |
| | | WF | | | | |

| Module | Optic | | Voltage | | CCT | |
|---|---|---|---|---|---|---|
| 125 | VS | Very narrow spot | RMT-DRV [1] | DC input - used with remote driver (order separately) | CW | Cool white (5000K) |
| 250 | SP | Spot | | | NW | Neutral white (4000K) |
| 375 | MF | Medium flood | | | WW | Warm white (2700K) |
| | WF | Wide flood | | | | |

**Mounting Bracket**

SSHRP    Adjustable 316 stainless steel mounting bracket

**Version**

V2 [2]    version 2

**Notes**

1    RMT-DRV modules are powered by DC voltage only

2    Only available with CF-125 module

**Remote Driver Example:** KIT,CF,RDRV-1800W-200-480-DI

| Series | Wattage | Input Voltage | Controls |
|---|---|---|---|
| KIT,CF,RDRV | 600W | 200-480 | DI |
| | 1800W | | DX |

| Wattage | | Input Voltage | | Controls | |
|---|---|---|---|---|---|
| 600W | 600W, 1-channel driver | 200-480 | 200-480VAC | DI | DALI-2 |
| 1800W | 1800W, 3-channel driver | | | DX | DMX-RDM |

**Special Projects:** We may be able to accommodate your special projects, so please don't hesitate to ask about additional options. Minimum order quantities and/or extended lead times will apply. Contact your Phoenix representative with specific inquiries.

# Command Flood® Remote Driver Series

Marine Industrial LED Floodlight

## Modules Per Driver

| Driver Description [1] | Input Voltage | CF-125-V2 | CF-250 | CF-375 |
|---|---|---|---|---|
| KIT,CF,RDRV-1800W | 200-480VAC | 15 total (5 max/3 min per channel) | 6 total (2 max/2 min per channel) | 3 total (1 max/1 min per channel) |
| KIT,CF,RDRV-600W | 200-480VAC | 5 total (5 max/3 min per channel) | 2 total (2 max/2 min per channel) | 1 total (1 max/1 min per channel) |

**Notes**

1    KIT,CF,RDRV-1800W has three independent programmable channels. Each driver channel supports up to 600W maximum. To stay within electrical limits, Phoenix recommends using the same module type per channel.
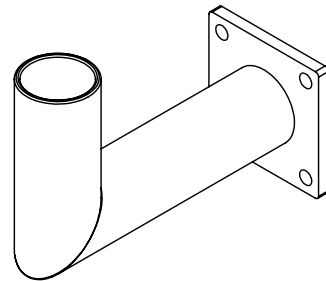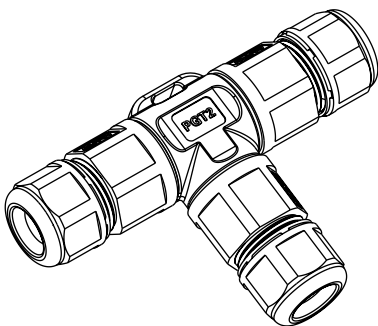
## Accessories
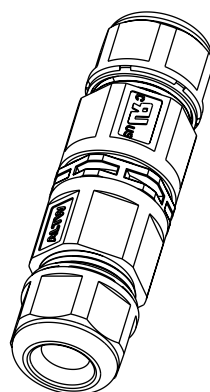
**PTM-CF (Tenon Mount) [1]**
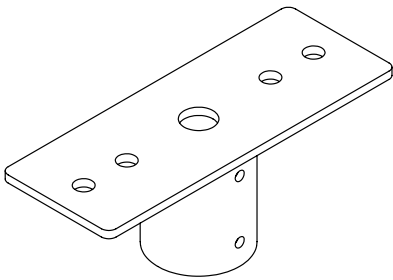


**WM-2-S40 (Wall Mount)**
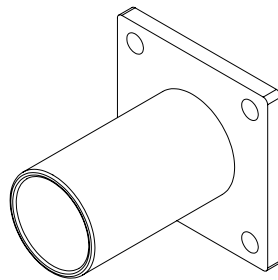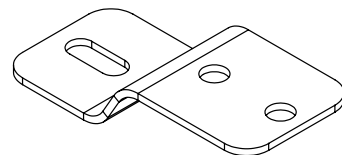


**WM90-2-S40 (90° Wall Mount)**



**CNTR, CBL, 4 POLE, T, CF-RMT-DRV**



**CNTR, CBL , 3 POLE, STRAIGHT, CF-RMT-DRV**



**KIT,CF-150,S ADPTR,316SS**



**Notes**

1    Note: For 3-Position (3P-CNTR) connectors, calculate the number required by subtracting 1 from total modules per channel. For 2-Position (2P-CNTR) connectors, you will need a just 1 per channel. Example: If using (12) CF-125-V2 modules (4 per channel) with the KIT,CF,RDRV-1800W driver, you will need a total of (9) 3P-CNTR T-connectors and (3) 2P-CNTR straight connectors.

Product design and specifications are subject to change without notice. The most current version of this specification sheet can be found at www.phoenixlighting.com.

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