# RAB® DESIGN

The RFL3-LED80 is a sleek, ruggedly designed, high efficiency floodlight. This LED flood has multiple mounting options and accessories to suit a wide range of applications.

| Project | |
|---------|---|
| Type | |
| Date | |
| Notes | |

## APPLICATIONS

**Ideal for building façades, sign lighting, area lighting, and wall washing in both commercial and industrial applications.**

## SPECIFICATIONS

### Construction
Precision die cast aluminum housing with clear tempered glass lens. Superior heat sink design with air-flow fins on the top and bottom to maximize fixture life.

### LED configuration
Each unit has two high efficiency Chips on Board (COBs) that deliver minimm 9,200 lumens. The LEDs have a colour temperature of 5000K as standard. 4000K, 3000K also available. The CRI is greater than 70 and the operating temperature range is -40°C to +40°C.

### Beam Distribution
NEMA 7H X 6V (wide) is standard. NEMA 3H X 3V (narrow) is available as an option.

### Electrical
Total system wattage of the unit is 76W. The standard unit has a high efficiency driver that operates at 120 - 277V. 347V driver also available as an option.

### Mounting
Standard unit is available with three mounting options:
- Yoke mount - 4.53" Yoke with watertight connector.
- Slip Fitter - fits on 2 3/8" tenon and can be bull horn mounted in various configurations.
- Wall mount - complete with a wall bracket.
Please contact us to learn more.

### Finish
Standard finish is Bronze. Please consult factory for custom colour.
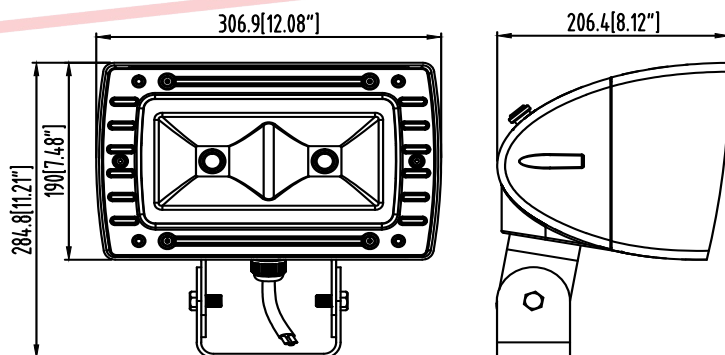
### Accessories
Visor, Polycarbonate lens, Wire Guard, Photocell, Phillips Dynadimmer. Phillips Dynadimmer dims the fixture to 25% for 6 hours instead of operating at 100% at all times.

| Input Watts | 76W |
|-------------|-----|
| Lumens | min. 9,200 |
| Efficacy | min. 115 lumens per watt |

| Operating Temperature | -40°C to +40°C |
|-----------------------|----------------|
| Certification | cULus, IP65 |
| Warranty | 5 Years |
| Colour Temperature | 5000K (standard) 4000K (option) 3000K (option) |
| LED life | 100,000 hours |
| Effective Projected Area (EPA Rating) | 0.84 sq ft |
| Total Harmonic Distortion | 10% |
| Power Factor | 0.982 |

## DIMENSIONS

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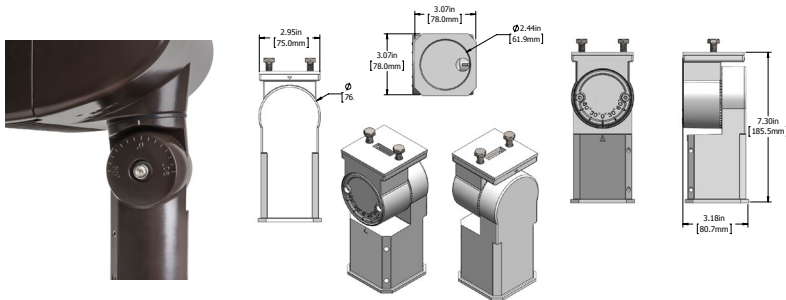206.4[8.12"]

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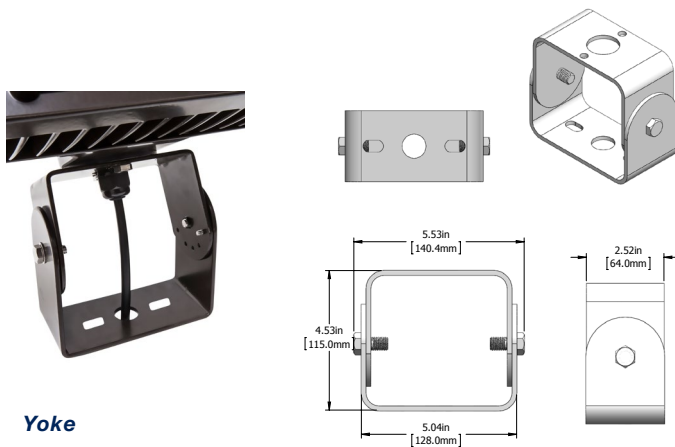190[7.48"]

**With optional Narrow beam (3X3)**
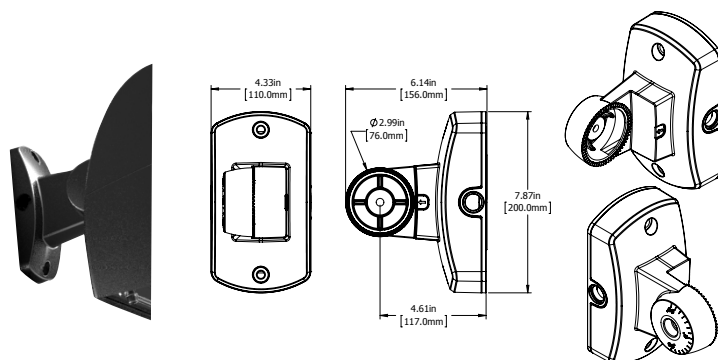
## MOUNTING OPTIONS

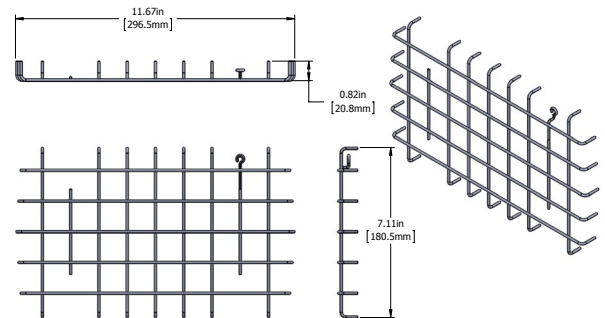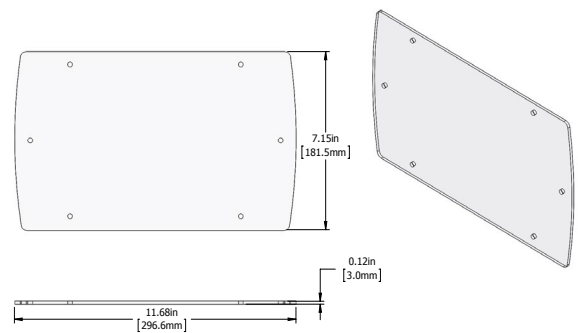Slipfitter, Yoke, Wall bracket
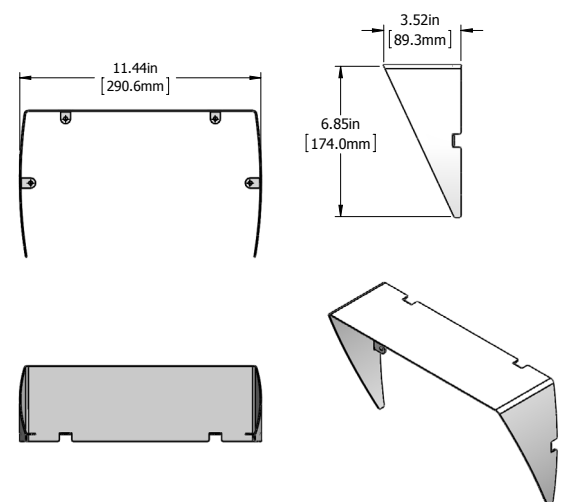


*Slipfitter*



*Yoke*



*Wall bracket*

## ACCESSORIES

Polycarbonate lens, Wire guard, Visor



*Wire Guard*



*Polycarbonate lens*



*Visor*

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DESIGN®

## ORDERING GUIDE

| RFL3 | – | LED80 | – | | | | | | | | | | | |
|------|---|-------|---|---|---|---|---|---|---|---|---|---|---|---|

| | | | VOLTAGE | COLOUR TEMP | BEAM | FINISH | MOUNTING | OPTIONS |
|---|---|---|---------|-------------|------|--------|----------|---------|
| | | | **B - 120 - 277V*** | **5K - 5000K*** | **W - Wide (7X6)*** | **BRZ - BRONZE*** | **YK - Yoke*** | **V - Visor** |
| | | | **A - 120V** | **4K - 4000K** | **N - Narrow (3X3)** | **CC - CUSTOM COLOUR** | **SF - Slipfit*** | **WG - Wire Guard** |
| | | | **F - 277V** | **3K - 3000K** | | | **WM - Wall Mount**** | **PCL - Polycarbonate Lens** |
| | | | **C - 347V** | | | | | **PC - Photocell** |

\* Standard configuration
\*\* Wall mount ordered and shipped separately.