# POP COLOR ROUND 48

**LUMENWERX**

## PENDANT DIRECT
## STATIC WHITE

**5 YEAR WARRANTY**

Project: _____

_____

Type: _____

## DESCRIPTION

POP Color features a painted housing with a uniformly luminous diffuser that sits flush or regressed. The diffuser and light engine form a fully enclosed unit secured by a twist-and-lock mechanism for easy maintenance with no exposed hardware. POP Color delivers up to 112 LPW and is available in nine standard housing colors.

See page 5 for more color options

Flush lens

2" regressed lens

## Order Guide

**Up to 112 lm/W performance**

| LUMINAIRE ID | SIZE | OPTIC | LENS POSITION | LIGHT SOURCE [1] | CRI | LUMEN PACKAGE |
|---|---|---|---|---|---|---|
| **PCROPD** | **48IN** | **ULO** | | **SW** | | |
| **PCROPD** - Pop Color Round Pendant Direct | **48IN** - Ø 48" | **ULO** - Uniform Lambertian Optic | **FH** - Flush  **2R** - 2" regressed | **SW** - Static white  [1] Chromawerx Sola and Duo also available. Consult other spec sheet. | **80** - 80 CRI  **90** - 90 CRI | **7000** - Min. low output 7000lm  **10000** - Medium output 10000lm  **14000** - Max. high output 14000lm  **####** - Other required lm |

| COLOR TEMP. | VOLTAGE | DRIVER [3] | ELECTRICAL | MOUNTING |
|---|---|---|---|---|
| | | | | **5WAC36** |
| **27** - 2700K  **30** - 3000K  **35** - 3500K  **40** - 4000K | **120** - 120V  **277** - 277V  **UNV** - 120V-277V  **347** [2] - 347V  [2] Available with D1 only. | **D1** - 1% 0-10V  **DA** [4] - DALI  **LDE1** [4] - Lutron Hi-lume 1% Eco  **ELD1** - eldoLED 1% ECOdrive 0-10V  **ELD0** - eldoLED 0.1% SOLOdrive 0-10V  [3] PoE (Power-over-Ethernet) compatible. Consult factory for details.  [4] On-site commissioning is required. | **1** - 1 circuit  **+EB** [5] - Emergency battery pack  **+GTD** [5] - Generator transfer device  [5] Not available with 347V. | **5WAC36** - Power 5" white canopy (36" aircraft cable)  *For all other options refer to our Pendant Mounting Guide* |

| POWER CORD COLOR | FINISH | OPTIONS |
|---|---|---|
| | | |
| **BPC** - Black power cord  **WPC** - White power cord | **W** - Matte white  **AL** - Aluminum  **BK** - Black  **RAL 1028** - Yellow  **RAL 2004** - Orange  **RAL 3020** - Red  **RAL 4010** - Magenta  **RAL 5002** - Blue  **RAL 6018** - Green  **CF#** - Custom finish specify RAL# | **FU120** - Fuse 120V  **FU277** - Fuse 277V  **NA** - None |

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PoE Power over Ethernet

# POP COLOR ROUND 48

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## STATIC WHITE

## Dimensions

### POP COLOR FH - FLUSH

4 3/4"

11/16"  46 29/32" Diffuser  11/16"

48 5/16" Trim

### POP COLOR 2R - 2" REGRESSED

7"

2"

11/16"  46 29/32" Diffuser  11/16"

48 5/16" Trim
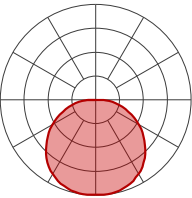
cETLus LISTED
Intertek

PoE
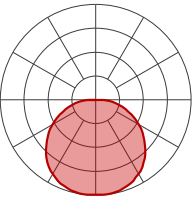Power over Ethernet
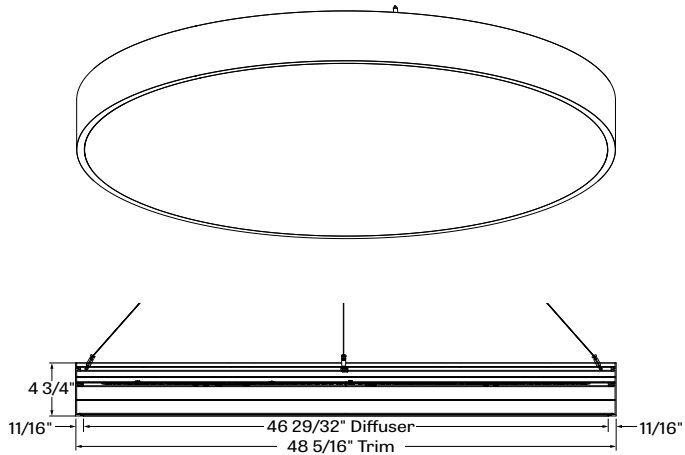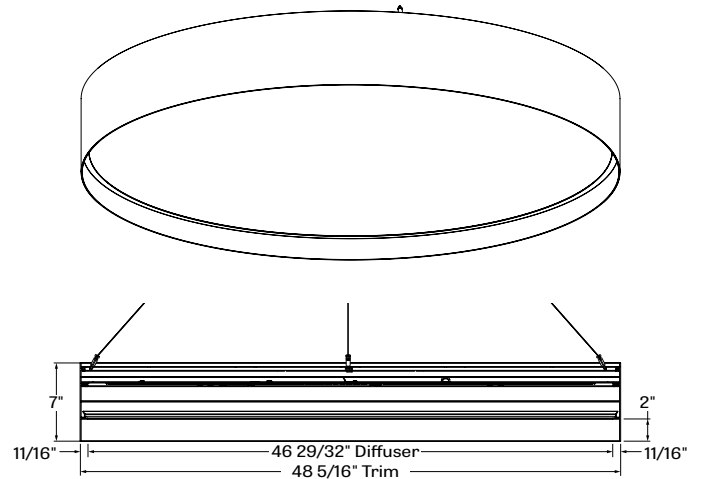
# POP COLOR ROUND 48

## PENDANT DIRECT
## STATIC WHITE

## Photometrics

### 7000 LUMEN AT 80 CRI - LOW OUTPUT

| LED OUTPUT | COLOR TEMP | WATTS | NOMINAL DELIVERED LUMENS | EFFICACY LPW |
|---|---|---|---|---|
| Low output | 2700K | 68 | 7000 | 103 |
| Low output | 3000K | 66.5 | 7000 | 105 |
| Low output | 3500K | 65 | 7000 | 108 |
| Low output | 4000K | 62.5 | 7000 | 112 |

### 10000 LUMEN AT 80 CRI - MEDIUM OUTPUT

| LED OUTPUT | COLOR TEMP | WATTS | NOMINAL DELIVERED LUMENS | EFFICACY LPW |
|---|---|---|---|---|
| Medium output | 2700K | 100 | 10000 | 100 |
| Medium output | 3000K | 98 | 10000 | 102 |
| Medium output | 3500K | 94.5 | 10000 | 106 |
| Medium output | 4000K | 91.5 | 10000 | 109 |
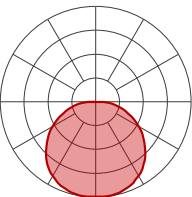
### 14000 LUMEN AT 80 CRI - HIGH OUTPUT

| LED OUTPUT | COLOR TEMP | WATTS | NOMINAL DELIVERED LUMENS | EFFICACY LPW |
|---|---|---|---|---|
| High output | 2700K | 143 | 14000 | 98 |
| High output | 3000K | 140 | 14000 | 100 |
| High output | 3500K | 134.5 | 14000 | 104 |
| High output | 4000K | 131 | 14000 | 107 |

# POP COLOR ROUND 48

**LUMENWERX**

PENDANT DIRECT
STATIC WHITE

## Technical Specifications

### OPTIC

**Uniform Efficiency Lambertian Optic (ULO)**
Made of formed impact modified white PMMA, the optic provides an even light distribution with up to 88% transmission. Its unique enclosed shell design protects LEDs against Electrostatic Discharge and dust while its back surface project a soft glow on the mounting surface.

### LENS POSITION

Pop Color Round 48 pendant is available in 2 lens configurations.



4 3/4"
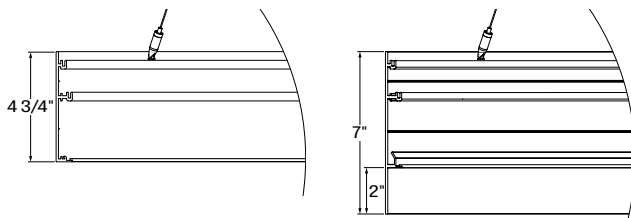
PCROPD + FH - Flush lens

7"

2"

PCROPD + 2R - 2" regressed lens

### LIGHT SOURCE

Custom array of mid-flux LEDs are mounted directly to the housing for optimal thermal performance. Available in 2700K, 3000K, 3500K and 4000K with a minimum 80 CRI and an option for 90 CRI with elevated R9 value. Color consistency maintained to within 3 SDCM. LEDs operated at reduced drive current to optimize efficacy and lumen maintenance.
All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

### ELECTRICAL

Factory-set, adjustable output current LED driver with universal (120-277VAC) input. Dimmable from 100% to 1% with 0-10V dimming control. Rated life (90% survivorship) of 50,000 hours at 50°C max. ambient (and 70°C max. case) temperature. At maximum driver load: Efficiency>84%, PF>0.9, THD<20%. Other specifiable options include Lutron Hi-Lume 1% (specify 2-wire, or Ecosystem Dim-to-Off), eldoLED 1% ECOdrive 0-10V, eldoLED 0.1% SOLOdrive 0-10V, and DALI protocol drivers. All of our standard 0-10V drivers are NEMA 410 compliant.

**PoE**
Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, Duo (tunable white) emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.
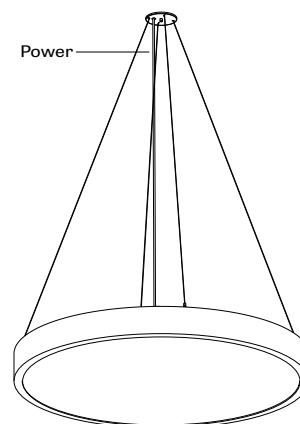
### EMERGENCY

Factory installed long life, high temperature, maintenance-free Lithium-Ion battery pack with self-test functionality, test switch and charge indicator. Minimum of 90 minutes operation, up to 10W (25°C) emergency lighting output and recharge time of 24 hours.

### MOUNTING OPTION

Fixtures are pendant-mounted, using aircraft cables. Unless otherwise specified, Lumenwerx provides the following hardware:
**For cable-mounted fixtures** - 5WAC36, 5" white canopy with a 36" cable.
For all other options, see our website for a detailed Pendant Mounting Guide



Power

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PoE
Power over Ethernet

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**LUMENWERX**
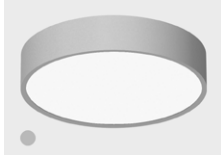
## PENDANT DIRECT
## STATIC WHITE

### FINISH

**Interior** - 95%, reflective, matte white powder coating
**Exterior** - Side trim is offered in a range of vibrant color powder coating.



W - Matte white



AL - Aluminum



BK - Black



RAL 1028 - Yellow



RAL 2004 - Orange



RAL 3020 - Red



RAL 4010 - Magenta



RAL 5002 - Blue



RAL 6018 - Green

### CONSTRUCTION

**Housing** - Rolled and seamlessly welded aluminum extrusion .125in thick, wide variety of colored powder coating
**Diffuser** - Uniform Lambertian Optic, thermoformed impact modified acrylic, completely enclosed

### WEIGHT

**RD 48 Flush, 2R** - 53.38lbs - 24.24kg

### CERTIFICATION

**ETL** - Rated for Indoor Dry/Damp locations. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0.

### WARRANTY

Lumenwerx provides a five-year limited warranty of electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.

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PoE