

## FCW3052



Date:

Type:

Luminaire:

Project:

Approved:

**FCW3052** Exterior Decor luminaire is a 10 inch round, IP65 rated, ADA compliant, easy to install luminaire that has an impact resistant lens and face options to meet the design requirements of your building. This round face luminaire in the FC Lighting Exterior Decor line of products can be ceiling, wall or surface mounted.



### SPECIFICATIONS

#### PHYSICAL

|                    |  |
|--------------------|--|
| dimensions         | 10.4" Ø x 4.1" Deep  |
| weight             | 4 lbs  |
| housing            | Marine grade, corrosion resistant, heavy gauge high pressure die-cast aluminum; captive stainless steel tamper resistant hex head socket screws  |
| lens               | Impact resistant, UV stabilized, white polycarbonate diffuser  |
| mounting           | Masonry applications use four (4) 0.25" x 0.75" screws with lead anchors (fasteners not included, j-box by others)   |
| ingress protection | IP65 Rated. Suitable for wet, damp or dry location application, with extruded silicone gasket to seal out contaminants   |
| finish             | Available in Black, Bronze, Graphite Grey, Silver, White and Custom Colors.<br>Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm minimum thickness, 5,000 hours salt spray test (ASTM B117) compliant with Florida, AAMA 2604 specification. |

#### PERFORMANCE

|                       |   |
|-----------------------|---|
| color temperature     | 2700K, 3000K, 3500K, 4000K                  |
| lumen output          | 800 lm, 1100 lm, 1600 lm, 2100 lm           |
| lumen maintenance     | L70 > 72,000 hours                          |
| color consistency     | 3 SDCM / Standard: 85 CRI, Optional: 90 CRI |
| operating temperature | -13°F to 104°F (-25°C to 40°C)              |
| warranty              | 5-Year limited warranty                     |

#### ELECTRICAL

|                   |  |
|-------------------|--|
| input voltage     | Universal 120 - 277 VAC, Optional: 347 VAC (Integral)                                  |
| power supply      | Integral Class II, electronic high-power factor > 94% @120V                            |
| certifications    | ETL/cETL Listed, CEC Title 24 JA8 compliant (only 90 CRI complies), ADA Compliant      |
| standards         | UL 1598, CSA C22.2 No. 250.0 - Class II, IES LM-79 / LM-80                             |
| power consumption | 43W @ 120V - 277V (Maximum)  |
| dimming           | Standard: 0-10V (1%), Optional: ELV (120V only), DMX (Remote Only), DALI (Remote Only) |

Due to continuous development and improvements, specifications are subject to change without notice. FC Lighting reserves the right to change lab test details or specifications without notice. Product use certifies agreement to FC Lighting terms and conditions. FCC Series Cylinder Lights are engineered and produced in our Illinois manufacturing facility.



# Ordering Information

## ORDERING INFORMATION

| FCW3052 |                           |           |                         |                     |                   |                                 |
|---------|---------------------------|-----------|-------------------------|---------------------|-------------------|---------------------------------|
| SERIES  | VOLTAGE                   | CCT       | CRI                     | LUMENS              | FINISH            | OPTIONS                         |
| FCW3052 | UNV 120 - 277 VAC         | 27K 2700K | CRI85 85 CRI (Standard) | 8L 800 lm (15W)     | BKE Black         | LD 0-10V Dimming, 1% (Standard) |
|         | 120V 120 Volts            | 3K 3000K  | CRI90 90 CRI            | 11L 1100 lm (21.5W) | BRE Bronze        | ELV* ELV Dimming (120V Only)    |
|         | 347V 347 Volts (Integral) | 35K 3500K |                         | 16L 1600 lm (29W)   | GRE Graphite Grey | DMX DMX Dimming (Remote Only)   |
|         |                           | 4K 4000K  |                         | 23L 2100 lm (43W)   | SLE Silver        | DALI DALI Dimming (Remote Only) |
|         |                           |           |                         |                     | WHE White         | TPS Tamper Proof Screws         |
|         |                           |           |                         |                     | CCE Custom Color  | F Fused Line (For Driver Only)  |
|         |                           |           |                         |                     |                   | CSM Conduit Surface Mount Box   |
|         |                           |           |                         |                     |                   | SP20 20kV Surge Protector       |

## REMOTE DRIVER & BATTERY BACKUP

| FCW3052R  | UNV               |           |                         |                     |                   |  |
|-----------|-------------------|-----------|-------------------------|---------------------|-------------------|--|
| SERIES    | VOLTAGE           | CCT       | CRI                     | LUMENS              | FINISH            | OPTIONS  |
| FCW3052R† | UNV 120 - 277 VAC | 27K 2700K | CRI85 85 CRI (Standard) | 8L 800 lm (15W)     | BKE Black         | LD 0-10V Dimming, 1% (Standard)  |
|           |                   | 3K 3000K  | CRI90 90 CRI            | 11L 1100 lm (21.5W) | BRE Bronze        | ELV* ELV Dimming (120V Only)   |
|           |                   | 35K 3500K |                         | 16L 1600 lm (29W)   | GRE Graphite Grey | DMX DMX Dimming (Remote Only)  |
|           |                   | 4K 4000K  |                         | 23L 2100 lm (43W)   | SLE Silver        | DALI DALI Dimming (Remote Only)  |
|           |                   |           |                         |                     | WHE White         | TPS Tamper Proof Screws  |
|           |                   |           |                         |                     | CCE Custom Color  | F Fused Line (For Driver Only)   |
|           |                   |           |                         |                     |                   | CSM Conduit Surface Mount Box  |
|           |                   |           |                         |                     |                   | BBUR <sup>1</sup> Battery Backup Remote (Indoor)   |
|           |                   |           |                         |                     |                   | SP20-BBUR (2) 20kV Surge Protectors (1/LED Driver, 1/BBUR) & Battery Backup, Remote (Indoor) |
|           |                   |           |                         |                     |                   | BBUX <sup>2</sup> Battery Backup Remote (Outdoor)  |
|           |                   |           |                         |                     |                   | SP20-BBUX (2) 20kV Surge Protectors (1/LED Driver, 1/BBU) & Battery Backup, Remote (Outdoor) |
|           |                   |           |                         |                     |                   | DRR <sup>1</sup> LED Driver Only Remote (Indoor)   |
|           |                   |           |                         |                     |                   | DRX <sup>2</sup> LED Driver Only Remote (Outdoor)  |

† LED DRIVER REMOTE (INDOOR) IP20, IK08, NEMA 1, -20°C to +50°C; 30' MAX Distance with 12AWG.

\*Consult factory for outdoor remote driver only.

<sup>1</sup> Battery Back-up & LED Driver Remote (Indoor), IP20, IK08, NEMA 1, 0° to 48°C (32° to 118°F), 30 FT Maximum Distance with 12AWG (with UNV Option Only), 500 Lumens Nominal (with UNV Option Only)

<sup>2</sup> Battery Back-up & LED Driver Remote (Outdoor), IP67, IK10, NEMA 4X, -20 to 55°C (-4 to 131°F), 30 FT Maximum Distance with 12AWG (with UNV Option Only), 600 Lumens Nominal

### Consult Factory for other options and configurations.

To ensure you receive proper configurations for your lighting specifications, contact us directly about any unique application requirements. This may include but not be limited to lumen output, mounting needs, or electrical requirements.

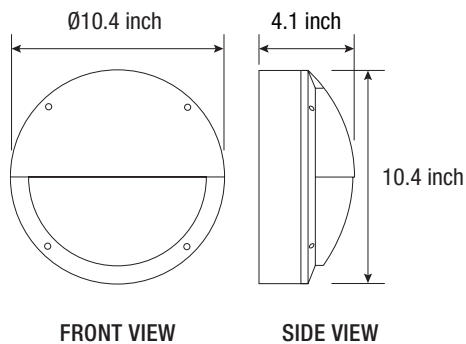
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# Dimensions

## PRODUCT DIMENSIONS - STANDARD PRODUCT

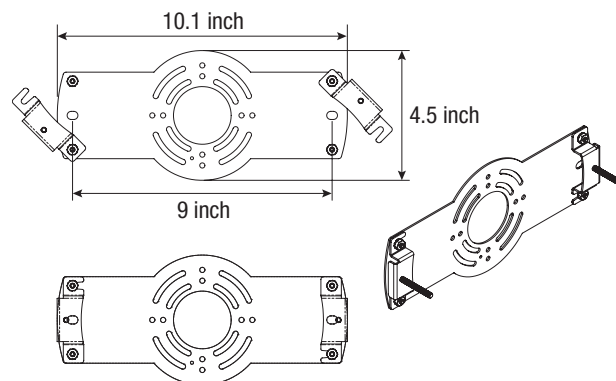
|       |         |
|-------|---------|
| width | 10.4" Ø |
| depth | 4.1" D  |



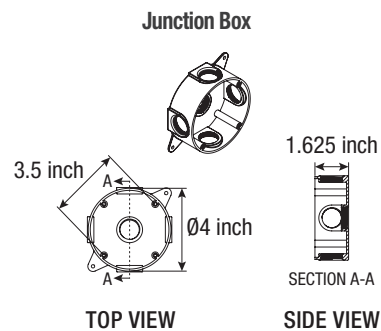
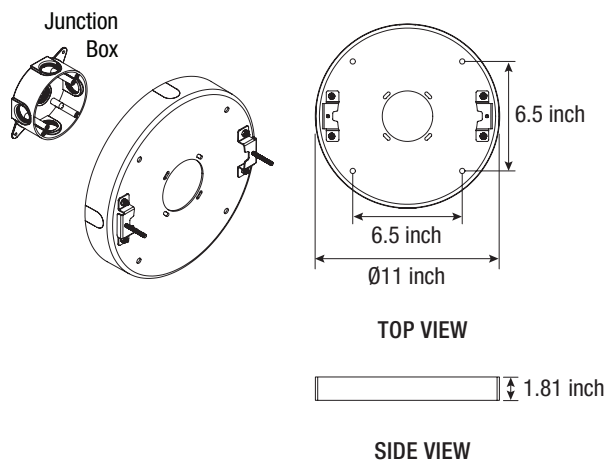
## MOUNTING - j-box sold by others

|                      |         |
|----------------------|---------|
| mounting plate width | 10.1" W |
|----------------------|---------|

j-box mounting plate:  
mounts flush to  
surface and is included  
with luminaire



## CONDUIT SURFACE MOUNT (CSM)



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# Photometry

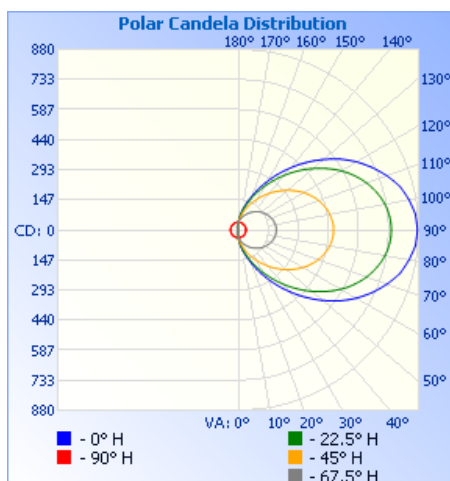
## OPTICAL DISTRIBUTION

|                          |                 |
|--------------------------|-----------------|
| <b>lumen output</b>      | 2100 lm @ 4000K |
| <b>power consumption</b> | 43W             |

| Illuminance at a Distance |                |            |         |
|---------------------------|----------------|------------|---------|
|                           | Center Beam fc | Beam Width |         |
| 1.7ft                     | 13.0 fc        | 3.6 ft     | 3.6 ft  |
| 3.3ft                     | 3.45 fc        | 7.1 ft     | 7.1 ft  |
| 5.0ft                     | 1.50 fc        | 10.7 ft    | 10.7 ft |
| 6.7ft                     | 0.84 fc        | 14.4 ft    | 14.4 ft |
| 8.3ft                     | 0.55 fc        | 17.8 ft    | 17.8 ft |
| 10.0ft                    | 0.38 fc        | 21.4 ft    | 21.4 ft |

■ Vert. Spread: 94.0°  
■ Horiz. Spread: 94.0°

iti illuminations testing laboratory :



| COLOR              | MULTIPLIER |
|--------------------|------------|
| 80 CRI - 2700K CCT | 0.89       |
| 80 CRI - 3000K CCT | 0.96       |
| 80 CRI - 3500K CCT | 0.96       |
| 80 CRI - 4000K CCT | 1.00       |
| 90 CRI - 2700K CCT | 0.70       |
| 90 CRI - 3000K CCT | 0.70       |
| 90 CRI - 3500K CCT | 0.78       |
| 90 CRI - 4000K CCT | 0.78       |

FCW3052

FIND IES FILES ON [FCLIGHTING.COM](http://FCLIGHTING.COM)



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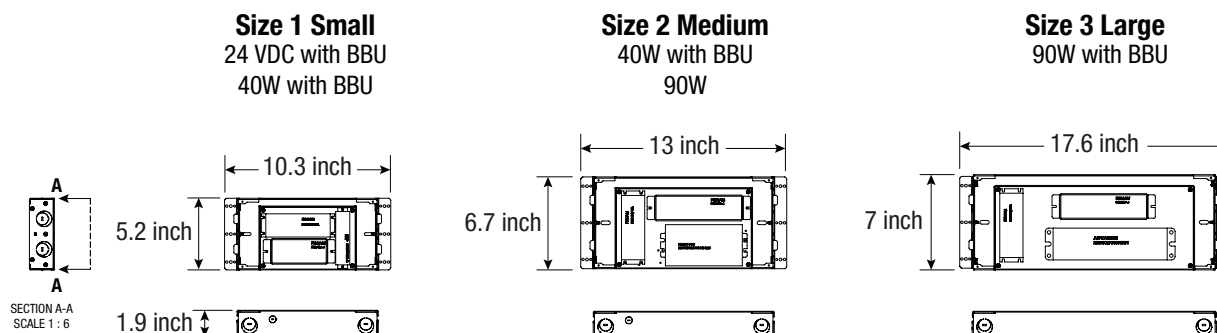
 US Commercial Lighting Manufacturer Since 1982

Specification Sheet

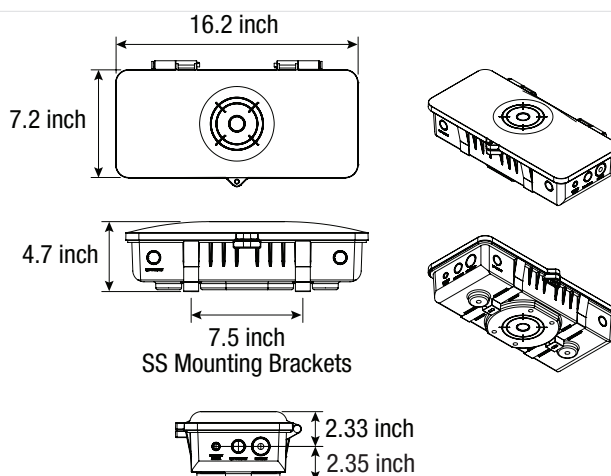


# Battery Backups

**BBUR** — Battery Backup & LED Driver Remote (Indoor), IP20, IK08, NEMA 1, 0 to 48 °C (32 to 118 °F), 30 feet Maximum Distance with 12 AWG (with UNV Option Only)



**BBUX** — Battery Backup & LED Driver Remote (Outdoor), IP67, IK10, NEMA 4X, -20 to 55 °C (-4 to 131 °F), 30 feet Maximum Distance with 12AWG (with UNV Option Only)



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