

|               |       |
|---------------|-------|
| Project Name: | Type: |
| Part Number:  | Date: |



GREENCREATIVE

# EXCYL SURFACE MOUNT CYLINDER

## SPECIFICATION FEATURES

- Mechanical - Compact fixture body made from die cast aluminum. Proprietary selectable output driver. Fixture bodies are available in standard bronze, and optional matte black, matte white, silver or additional customized colors. Clear finish reflectors with 15°, 25°, 40° or 60° degree beam, covered with gasketed tempered glass diffuser. IP65 rating for full fixture once installed per instruction on smooth ceiling surface.
- Electrical - 3 selectable lumen output driver options with SelectDrive technology. 120-277V, 50/60 Hz driver is 0-10V dimmable to 5% with a low end cutoff. 4Kv standard surge protection. Emergency options are available for external field installation.
- Optical Direct - Self-flanged spun aluminum reflector for direct distribution. 4 beam distributions range from 15°- 60°. Offered in selectable CCT, with SelectKelvin technology, 3000K, 3500K or 4000K CCT. Minimum 80 CRI.
- Thermal - Die cast heat sink maximizes passive thermal management and achieves a L70 rated lifetime of 60,000 hours. Calculated L70 of 135,000 hours. Ambient temperature rated from -40°F to 104°F (-40°C to 40°C).
- Compliance and Warranty - ETL Listed for wet locations. IP65 rated. Complies with FCC Part A. 5 year parts warranty for complete fixture. Optional 10 Year Extended Warranty available, subject to same terms, conditions and installation requirements as standard 5 Year Warranty.



## DIGITAL NAVIGATION

Explore the spec sheet through the links below

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## BENEFITS

- Get the right amount of light with SelectDrive technology
- Select your CCT with SelectKelvin Technology
- Multiple finish and customization available to match any décor

## SUITABLE APPLICATIONS

- Retail
- Hospitality
- Residential
- Education
- Healthcare

## ORDERING GUIDE

| PART #                                       |                |  |   |                     |   |  |  |                              |                    |  |   |
|--|----------------|--|---|---------------------|---|--|--|------------------------------|--------------------|--|---|
| /  | /              | /                                      | /   | /                   | /   | /  | /  | /                            | /                  | /  | / |
| Series                                       | Size           | Mounting                               | Output  | CRI                 | CCT <sup>1</sup>                              | Driver   | Optic Direct                               | Cylinder Finish              | Reflector Finish   | Options  |   |
| <b>EXCYL</b><br>Outdoor<br>EXCYL<br>Cylinder | <b>3</b><br>3" | <b>SM</b><br>Surface<br>Mount<br>Ready | <b>S</b><br>3" Small Light Engine<br>Selectable 1200/900/700lm    | <b>8</b><br>80+ CRI | <b>CCT3S</b><br>Selectable<br>3000/3500/4000K | <b>DIM010UNV</b><br>SelectDrive 0-10V<br>Dimming, to 5%.<br>Dims to off. | <b>SP</b><br>Spot 15°<br>Beam Angle        | <b>BZ</b><br>Bronze          | <b>CC</b><br>Clear | For Emergency options<br>please see field installable<br>options below |   |
|  | <b>4</b><br>4" |  | <b>M</b><br>4" Medium Light Engine<br>Selectable 2200/1800/1400lm |                     | <b>30K</b><br>3000K Factory<br>Preset         |  | <b>VN</b><br>Very Narrow<br>25° Beam Angle | <b>BL</b><br>Matte Black     |                    |  |   |
|  | <b>6</b><br>6" |  | <b>L</b><br>6" Large Light Engine<br>Selectable 3200/2600/2200lm  |                     | <b>35K</b><br>3500K Factory<br>Preset         |  | <b>NR</b><br>Narrow 40°<br>Beam Angle      | <b>WH</b><br>Matte White     |                    |  |   |
|  |                |  |   |                     | <b>40K</b><br>4000K Factory<br>Preset         |  | <b>MD</b><br>Medium 60°<br>Beam Angle      | <b>SV</b><br>Silver          |                    |  |   |
|  |                |  |   |                     |   |  |  | <b>RALxxxx</b><br>Customized |                    |  |   |

FOOTNOTES:

1. CCT can be preset at the factory.

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## TECHNICAL INFORMATION

| Light Engine | Input Voltage | Input Frequency | Input Current            | Max. Input Power | THD Power | Power Factor |
|--------------|---------------|-----------------|--------------------------|------------------|-----------|--------------|
| 3" S         | 120-277V      | 50-60Hz         | 85mA @120V/ 45mA @277V   | 10W              | <20%      | >0.9         |
| 4" M         |               |                 | 165mA @120V/ 90mA @277V  | 20W              |           |              |
| 6" L         |               |                 | 250mA @120V/ 150mA @277V | 35W              |           |              |

## NOMINAL PERFORMANCE

3" Small

| CCT         | 3000K |     |        |     | 3500K |     |     |     | 4000K  |     |       |     |     |     |        |     |       |     |
|-------------|-------|-----|--------|-----|-------|-----|-----|-----|--------|-----|-------|-----|-----|-----|--------|-----|-------|-----|
| Output      | Low   |     | Medium |     | High  |     | Low |     | Medium |     | High  |     | Low |     | Medium |     | High  |     |
|             | lm    | LPW | lm     | LPW | lm    | LPW | lm  | LPW | lm     | LPW | lm    | LPW | lm  | LPW | lm     | LPW | lm    | LPW |
| Full (100%) | 660   | 110 | 840    | 105 | 1,000 | 100 | 690 | 115 | 880    | 110 | 1,050 | 105 | 660 | 110 | 840    | 105 | 1,000 | 100 |

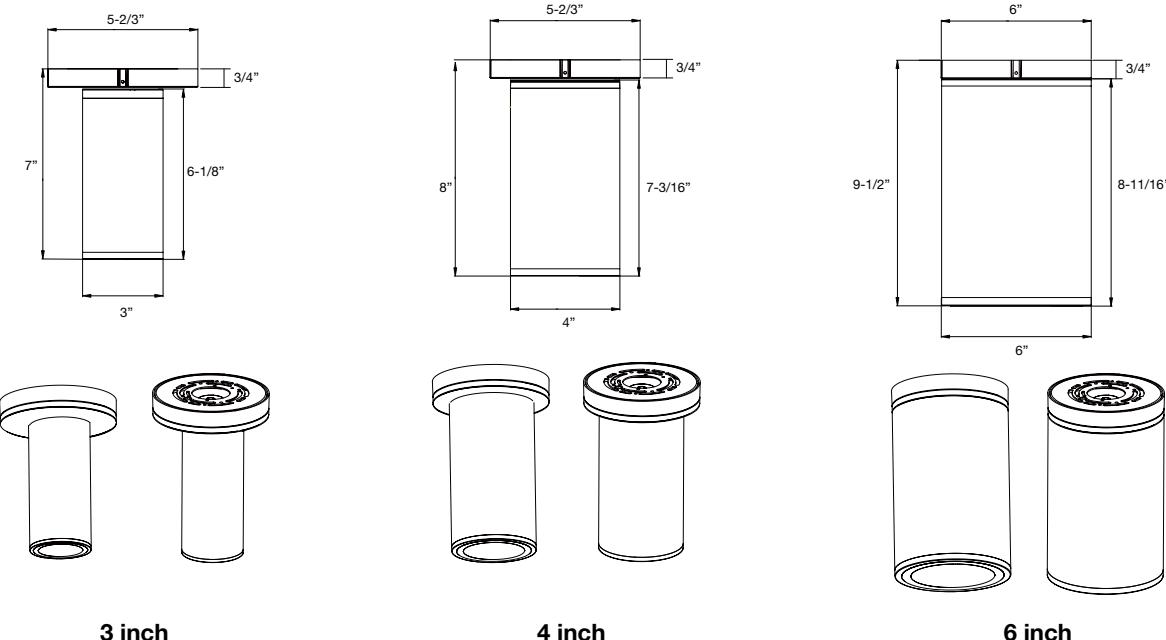
4" Medium

| CCT         | 3000K |     |        |     | 3500K |     |       |     | 4000K  |     |       |     |       |     |        |     |       |     |
|-------------|-------|-----|--------|-----|-------|-----|-------|-----|--------|-----|-------|-----|-------|-----|--------|-----|-------|-----|
| Output      | Low   |     | Medium |     | High  |     | Low   |     | Medium |     | High  |     | Low   |     | Medium |     | High  |     |
|             | lm    | LPW | lm     | LPW | lm    | LPW | lm    | LPW | lm     | LPW | lm    | LPW | lm    | LPW | lm     | LPW | lm    | LPW |
| Full (100%) | 1,320 | 110 | 1,680  | 105 | 2,000 | 100 | 1,380 | 115 | 1,760  | 110 | 2,100 | 105 | 1,320 | 110 | 1,680  | 105 | 2,000 | 100 |

6" Large

| CCT         | 3000K |     |        |     | 3500K |     |       |     | 4000K  |     |       |     |       |     |        |     |       |     |
|-------------|-------|-----|--------|-----|-------|-----|-------|-----|--------|-----|-------|-----|-------|-----|--------|-----|-------|-----|
| Output      | Low   |     | Medium |     | High  |     | Low   |     | Medium |     | High  |     | Low   |     | Medium |     | High  |     |
|             | lm    | LPW | lm     | LPW | lm    | LPW | lm    | LPW | lm     | LPW | lm    | LPW | lm    | LPW | lm     | LPW | lm    | LPW |
| Full (100%) | 1,980 | 110 | 2,400  | 100 | 2,850 | 95  | 2,160 | 120 | 2,640  | 110 | 3,150 | 105 | 2,070 | 115 | 2,520  | 105 | 3,000 | 100 |

## LINE DRAWINGS



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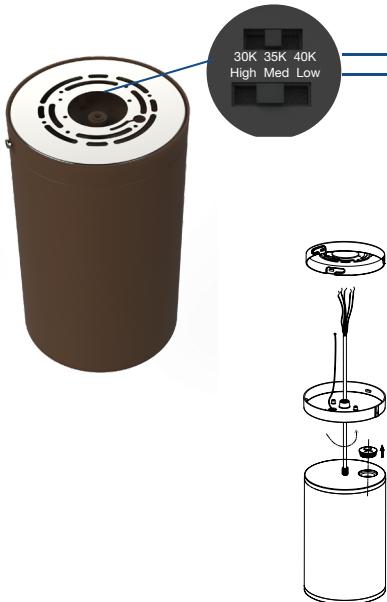


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## INSTALLATION

### SETTINGS INFORMATION



CCT Selection: 3000K/3500K/4000K  
Output Selection: High/Med/Low

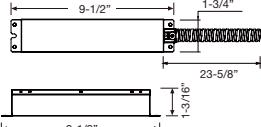
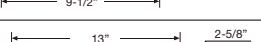
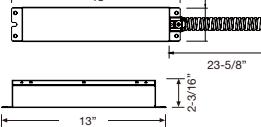
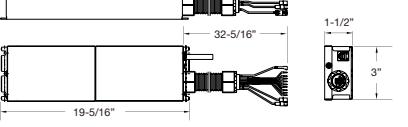
\*CCT and Output switches are located under the fixture mounting parts.

| Size | WATTAGE OUTPUTS |     |     |
|------|-----------------|-----|-----|
|      | High            | Med | Low |
| 3" S | 10W             | 8W  | 6W  |
| 4" M | 20W             | 16W | 12W |
| 6" L | 30W             | 24W | 18W |

#### Factory Default Settings:

- CCT: 3500K
- Power: 3" – High (10W) / 4" – High (20W) / 6" – High (35W)

## ACCESSORY ORDERING INFORMATION

| Product           | Model             | Description  | Pictures | Dimensions  |
|-------------------|-------------------|--|----------|---|
| 37934             | 8EMINVERTER       | California Title 20 Compliant 8W Emergency LED Inverter (Field Installation)<br>Compatible for 0-10V dimming models with LES and LEM light engines   |          |   |
| 38096             | 24EMINVERTER      | California Title 20 Compliant 24W Emergency LED Inverter (Field Installation)<br>Compatible for 0-10V dimming models with LES and LEM light engines, or 120V dimming models with LES light engine. |          |   |
| FHUPS1-UNV-25L-SD | FHUPS1-UNV-25L-SD | 25W Emergency Micro Inverter for field installation to use with 0-10V Driver options.<br>100-277VAC (up to 150W with use of 0-10V dimming). CEC Compliant.   |          |   |

#### FOOTNOTES:

For details of compatibility between each emergency solution and specific product models, please refer to the Products Emergency Compatibility Matrix file available on <https://greencreative.com/emergency-accessories/>

## CERTIFICATION INFORMATION

| Model                               | ES ID#  |
|-------------------------------------|---------|
| EXCYL3/SM/S/8CCT3S/DIM010UNV/%/#/CC | 4005660 |
| EXCYL4/SM/M/8CCT3S/DIM010UNV/%/#/CC | 4005661 |
| EXCYL6/SM/L/8CCT3S/DIM010UNV/%/#/CC | 4005662 |

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