

Project Name:	Type:
Part Number:	Date:

# 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.



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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

## APPLICATIONS

- Retail
- Hospitality
- Residential
- Education
- Healthcare

## ORDERING INFORMATION

### ORDERING EXAMPLE: EXCYL3/SM/S/8/CCT3S/DIM010UNV/SP/BZ/CC

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

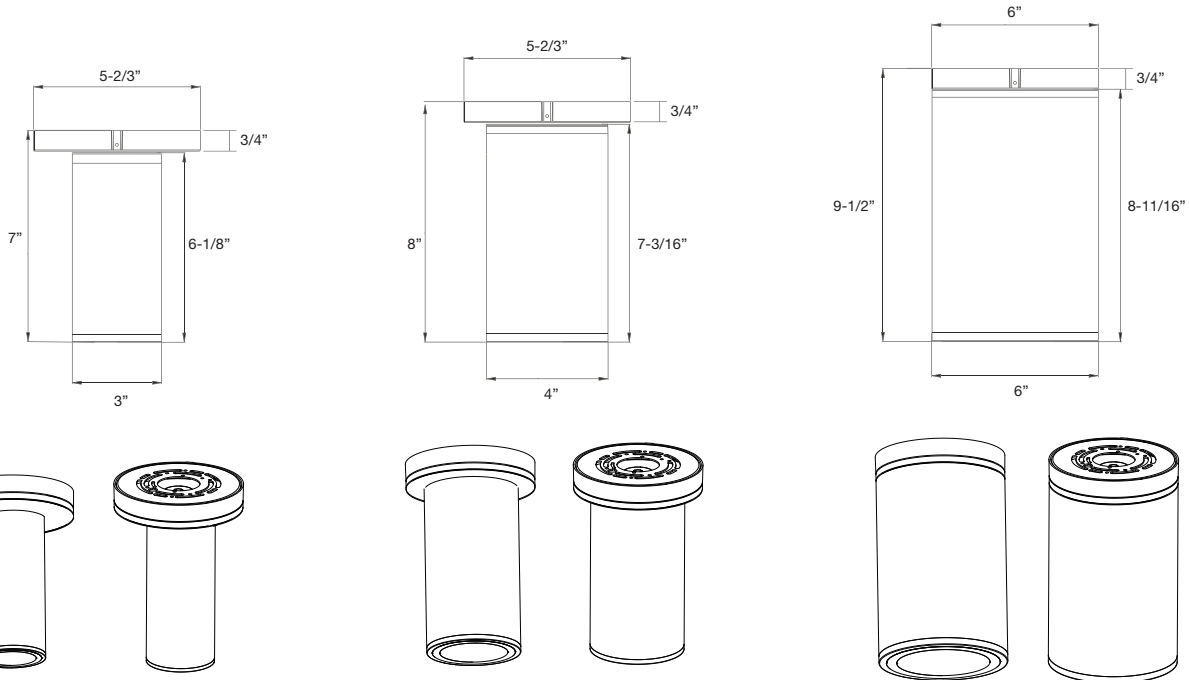
<sup>1</sup> CCT can be preset at the factory.



GREENCREATIVE

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## LINE DRAWINGS



3 INCH

4 INCH

6 INCH

## FIELD INSTALLABLE EMERGENCY UNIT ORDERING INFORMATION

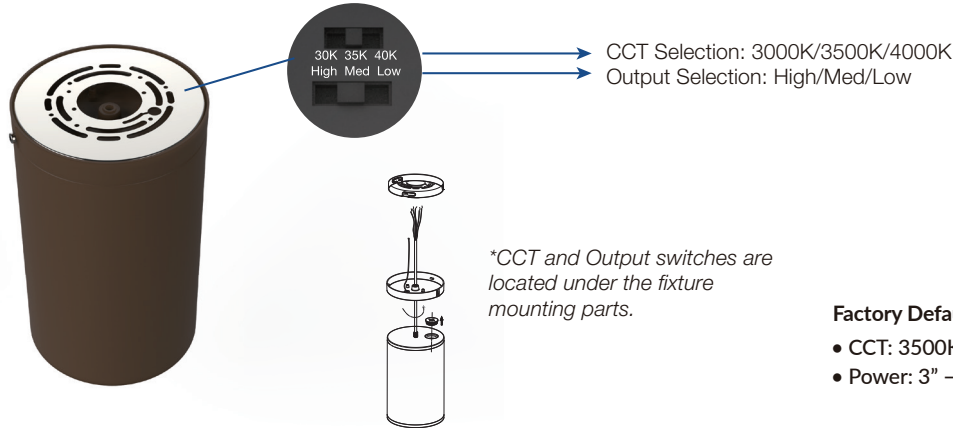
Product	Model	Description	Picture	Dimension
37934	8EMINVERTER	California Title 20 Compliant 8W Emergency LED Inverter (Field Installation) Compatible for 0-10V dimming models with LES and LEM light engines		
37935	21EMINVERTER	California Title 20 Compliant 21W Emergency LED Inverter (Field Installation) 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. 100-277VAC (up to 150W with use of 0-10V dimming). CEC Compliant.		

## 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		

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## SETTINGS INFORMATION



Size	WATTAGE OUTPUTS		
	High	Med	Low
3"	10W	8W	6W
4"	20W	16W	12W
6"	30W	24W	18W

### Factory Default Settings:

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

## NOMINAL PERFORMANCE

### 3" Small

Output	3000K			3500K			4000K		
	Low 6W		Medium 8W	High 10W		Low 6W	Medium 8W		High 10W
	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

Output	3000K			3500K			4000K		
	Low		Medium	High		Low	Medium		High
	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

Output	3000K			3500K			4000K		
	Low		Medium	High		Low	Medium		High
	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

## 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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