

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.



DIGITAL NAVIGATION

Explore the spec sheet through the links below

TECHNICAL INFORMATION	NOMINAL PERFORMANCE
LINE DRAWINGS	INSTALLATION
ACCESSORY ORDERING INFORMATION	CERTIFICATION INFORMATION

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 #										
Example: EXCYL3/SM/S/8/CCT3S/DIM010UNV/SP/BZ/CC										
Series	Size	Mounting	Output	CRI	CCT ¹	Driver	Optic Direct	Cylinder Finish	Reflector Finish	Options
EXCYL Outdoor EXCYL Cylinder	3 3"	SM Surface Mount Ready	S 3" Small Light Engine Selectable 1200/900/700lm	8 80+ CRI	CCT3S Selectable 3000/3500/4000K	DIM010UNV SelectDrive 0-10V Dimming, to 5%. Dims to off.	SP Spot 15° Beam Angle	BZ Bronze	CC Clear	For Emergency options please see field installable options below
	4 4"		M 4" Medium Light Engine Selectable 2200/1800/1400lm		30K 3000K Factory Preset		VN Very Narrow 25° Beam Angle	BL Matte Black		
	6 6"		L 6" Large Light Engine Selectable 3200/2600/2200lm		35K 3500K Factory Preset 40K 4000K Factory Preset		NR Narrow 40° Beam Angle MD Medium 60° Beam Angle	WH Matte White SV Silver RALxxxx 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

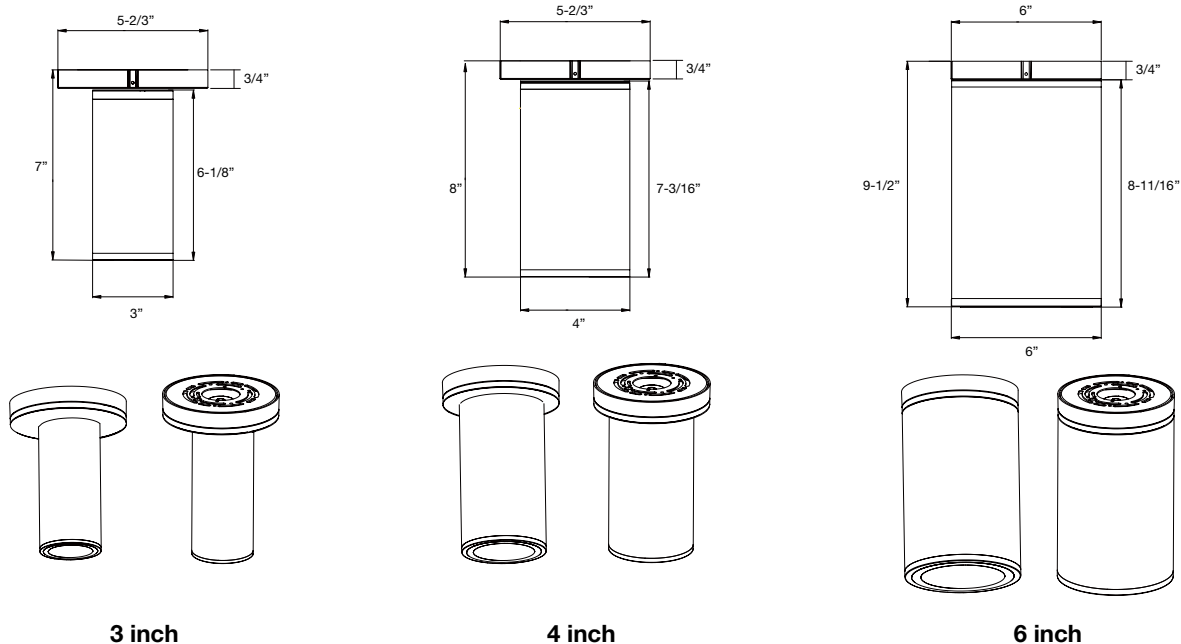
4" Medium

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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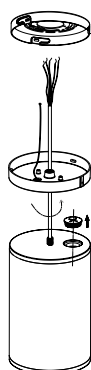
EXCYL SURFACE MOUNT CYLINDER

INSTALLATION

SETTINGS INFORMATION



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




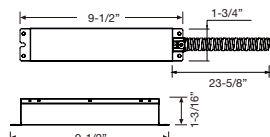

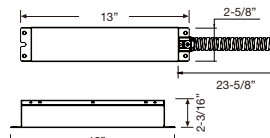
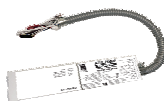
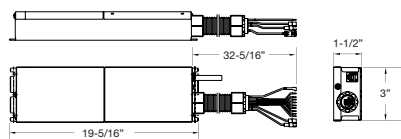
*CCT and Output switches are located under the fixture mounting parts.

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) Compatible for 0-10V dimming models with LES and LEM light engines		
38096	24EMINVERTER	California Title 20 Compliant 24W 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.		

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