

## FCC813A Series



Wildlife Lighting Certified  
by the Florida Fish & Wildlife  
Conservation Commission



Date:

Type:

Fixture:

Project:

Approved:

**FCC813A Series Cylinders** are a round wall, surface, or pendant mounted die-cast aluminum cylinder with wildlife friendly amber LED. Certified by the Florida Fish and Wildlife Conservation Commission for use in protected areas where habitats are protected.

### SPECIFICATIONS

#### PHYSICAL

<b>beam spread</b>	Spot
<b>dimensions</b>	Diameter: 7.35" Height: 13.95"
<b>weight</b>	7 lb
<b>housing</b>	Heavy-walled, extruded aluminum housing with die-cast lens ring and cap with stainless steel hardware
<b>lens</b>	IK05 impact compliant, clear anti-glare tempered glass
<b>mounting</b>	Mounts directly to standard recessed junction box   additional holes allow unit to be attached directly to mounting surface. Not intended for open ceilings or surface mount conduit j-box applications. Recessed j-box must be flush with finished wall or ceiling surface.
<b>ingress protection</b>	Continuous silicone gasket to seal out contaminants, IP65 rated for dry, damp or wet locations. SF option rated IP65 for cover ceiling application only.
<b>vibration resistance</b>	Compliant with 1G ANSI C136.31, Seismic rated AC-156
<b>finish</b>	Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 µm Min., 5000hr salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

#### PERFORMANCE

<b>color temperature</b>	AMBER (no light below 560nm wavelength)
<b>delivered lumens</b>	363 lm
<b>lifetime</b>	L70 >70,000 hours
<b>color consistency</b>	2 SDCM   83 CRI
<b>operating temperature</b>	-4°F to 104°F (-20°C to 40°C)
<b>warranty</b>	5-Year limited warranty

#### ELECTRICAL

<b>input voltage</b>	Universal 120 - 277 VAC standard
<b>power supply</b>	Integral Class II, electronic high-power factor > 94%
<b>certification</b>	ETL / cETL Listed; Wildlife Friendly Lighting Certification #2018-049
<b>standards</b>	UL 1598 / CSA C22.2 No. 250.0 - Class II / IES LM-79 / LM-80
<b>power consumption</b>	Up to 41W Max @ 120V
<b>dimming</b>	Optional: 0-10V Dimming, 1%

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.

 US Commercial Lighting Manufacturer Since 1982

**Specification Sheet**

# FCC813 Series

## ORDERING INFORMATION

FCC813A				UNV	AM	4L		SP	
MODEL	MOUNTING	SUSPENSION LENGTH	VOLTAGE	CCT	LUMENS	FINISH	OPTICS	OPTIONS	
FCC813A	7.35"x 13.95"	SF Surface	(Note in Inches)	UNV 120 - 277 VAC	AM Amber	4L 363 lm (41W)	BKE Black	SP Spot	LD 0-10V Dimming
		WM Wall					BRE Bronze		CV Cut Off Visor
		SPM Pendant					GRE Graphite Grey		
							WHE White		
							SLE Silver		
							CCE Custom Color		

## REMOTE DRIVER & BATTERY BACKUP

FCC813AR				UNV	AM	4L		SP	
MODEL	MOUNTING	SUSPENSION LENGTH	VOLTAGE	CCT	LUMENS	FINISH	OPTICS	OPTIONS	
FCC813AR†	7.35"x 13.95"	SF Surface	(Note in Inches)	UNV 120 - 277 VAC	AM Amber	4L 356 lm (41W)	BKE Black	SP Spot	LD 0-10V Dimming
		WM Wall					BRE Bronze		CV Cut Off Visor
		SPM Pendant					GRE Graphite Grey		BBUR¹ Battery Backup Remote (Indoor)
							WHE White		BBUX² Battery Backup Remote (Outdoor)
							SLE Silver		N/A Leave Blank for Remote Driver Only (without Battery Backup)
							CCE Custom Color		

† 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.

¹ Battery Back-up & LED Driver Remote (INDOOR), IP20, IK08, NEMA 1, 0°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)

² Battery Back-up & LED Driver Remote (OUTDOOR), IP67, IK10, NEMA 4X, -20°C to +55°C, 30' MAX Distance with 12AWG (w/UNV Option Only)

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Specification Sheet

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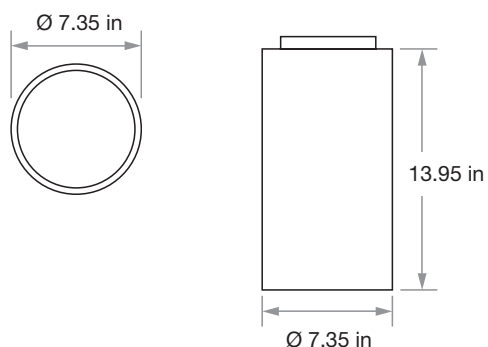
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**PHYSICAL**

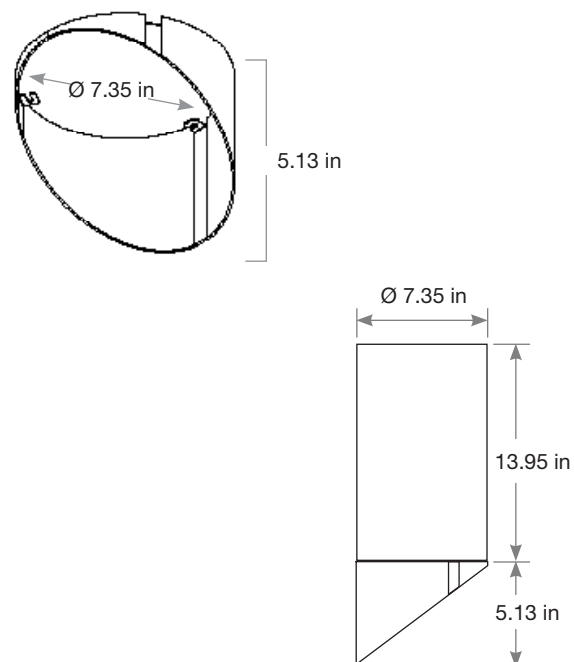
**PRODUCT DIMENSIONS**

<b>Diameter</b>	Ø 7.35"
<b>Height (H)</b>	13.95"



**CUT OFF VISOR**

<b>CV - cut-off visor</b>	5.13" D
<b>Total fixture height</b>	H + 5.13" D



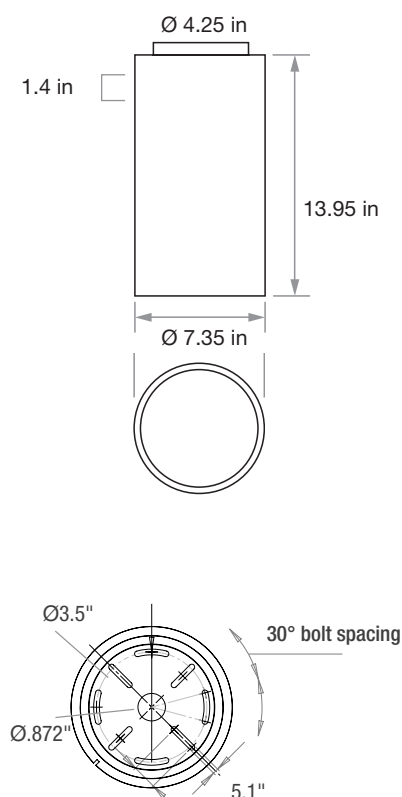
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# Physical

## MOUNTING OPTIONS

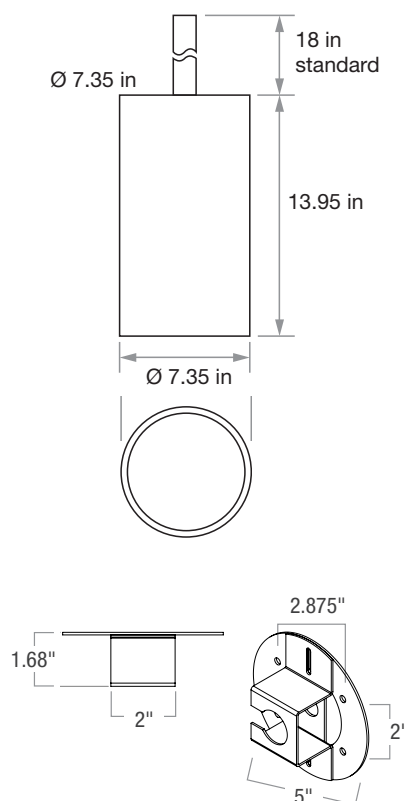
### SURFACE MOUNT

<b>SF - surface mount</b>	4.25" W
<b>add to fixture height</b>	1.4"



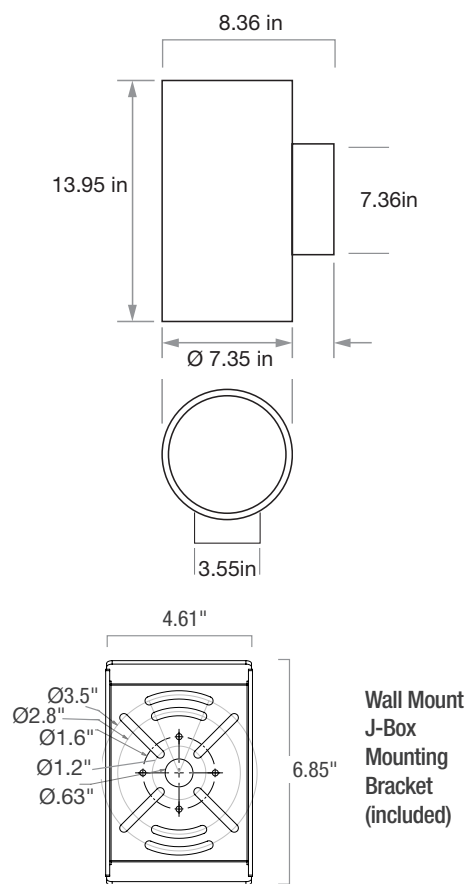
### SLOPE PENDANT MOUNT

<b>SPM - pendant mount</b>	18"
<b>add to fixture height</b>	18"



### WALL MOUNT

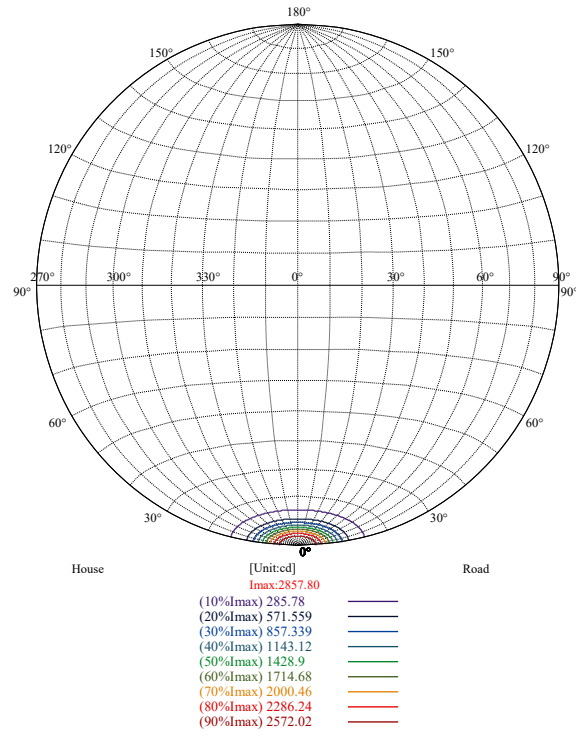
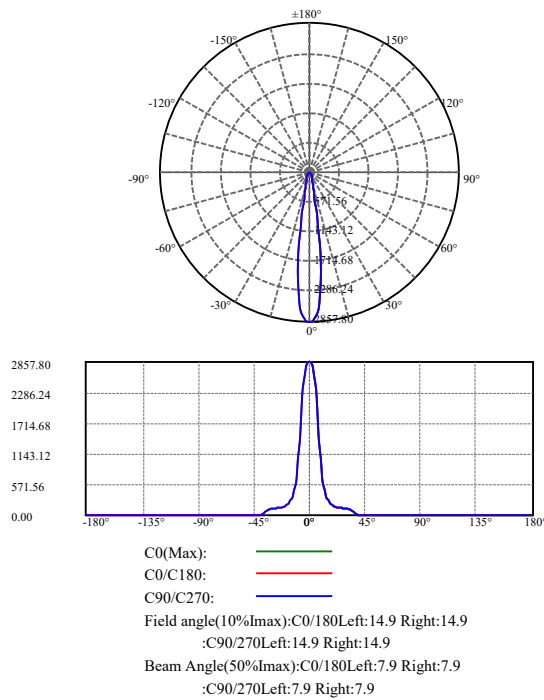
<b>WM - wall mount</b>	2.05" D
<b>total fixture depth</b>	8.36" D



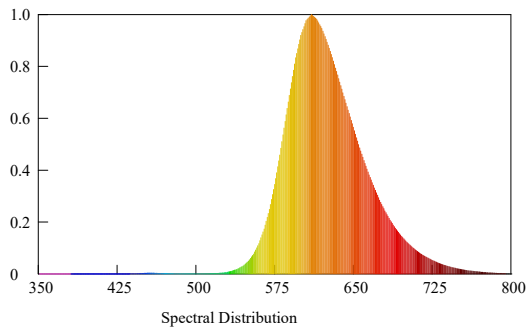
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# Photometry

## OPTICAL DISTRIBUTION



## Spectroradiometric Parameters



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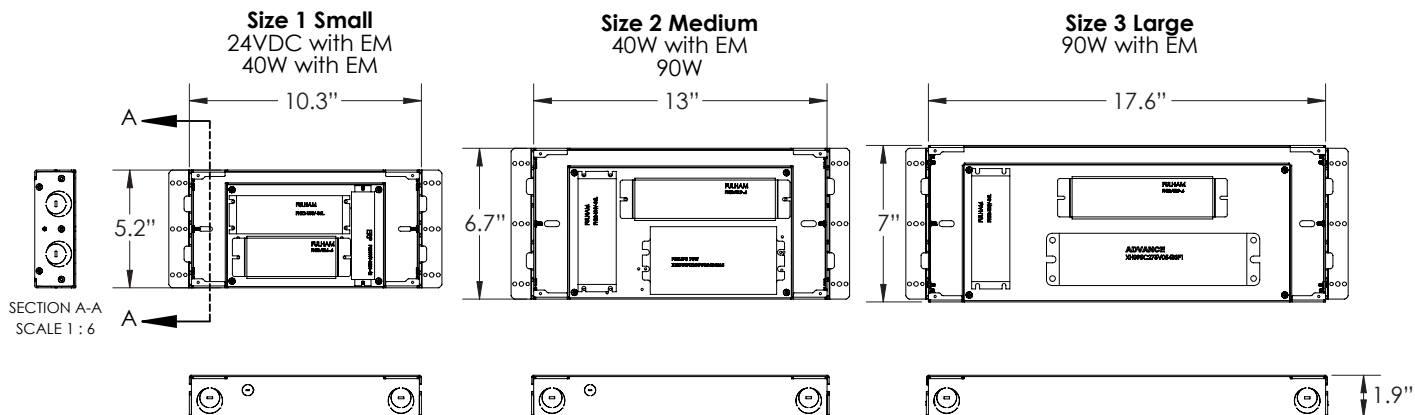
Specification Sheet

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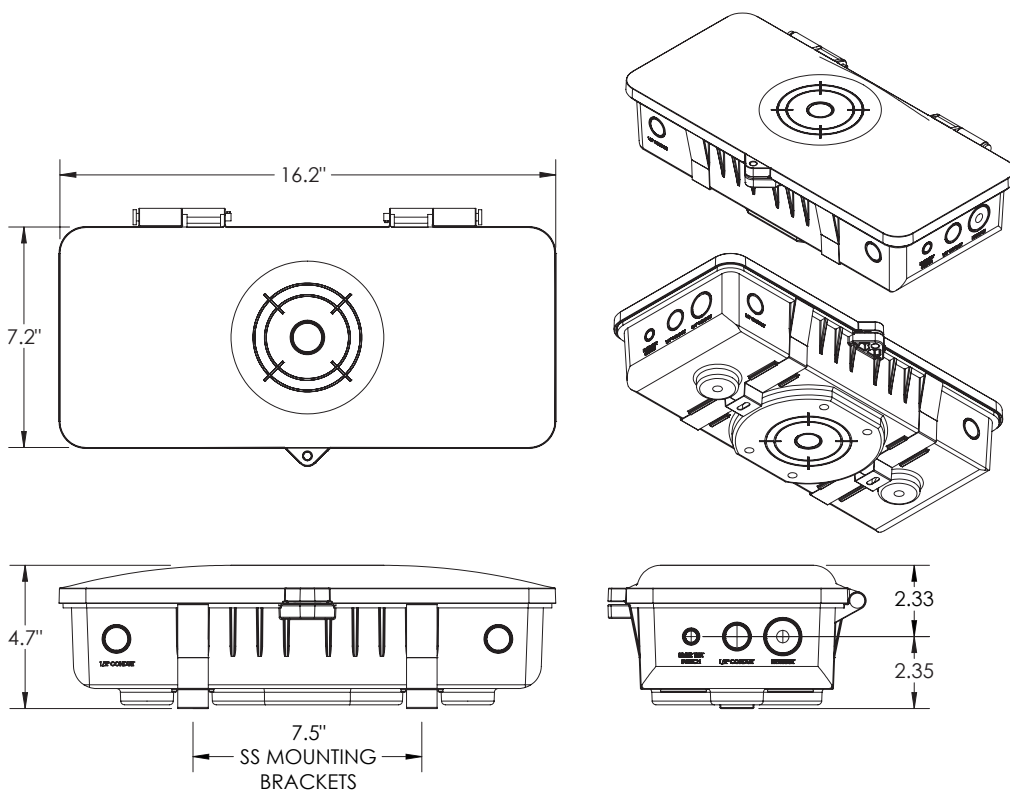
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## BATTERY BACK-UPS

**BBUR - BATTERY BACK-UP & LED DRIVER REMOTE (INDOOR), IP20, IK08, NEMA 1, 0°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)**



**BBUX - BATTERY BACK-UP & LED DRIVER REMOTE (OUTDOOR), IP67, IK10, NEMA 4X, -20°C to +55°C, 30' MAX Distance with 12AWG (w/UNV Option Only)**



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