FCC813A Series

FCC813A Series Cylinders are a round wall, surface, or pendant mounted die-cast aluminum cylinder with wildlife friendly amber LED. FCC813A has a true AMBER LED option which uses AlInGaP chip technology to produce amber color with spectral control between 590-600nm above the 560nm required by Florida Fish & Wildlife Conservation Commission (FWC).

Wildlife Lighting Certified by the Florida Fish & Wildlife Conservation Commission

SPECIFICATIONS

PHYSICAL

beam spread	Spot
dimensions	**Diameter:** 7.35", **Height:** 13.95"
weight	7 lbs
housing	Heavy-walled, extruded aluminum housing with die-cast lens ring and cap with stainless steel hardware
lens	IK05 impact compliant, clear anti-glare tempered glass
mounting	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.
ingress protection	Continuous silicone gasket to seal out contaminants, IP65 rated for dry, damp or wet locations. SF option rated IP65 for cover ceiling application only.
finish	Available in Black, Bronze, Graphite Grey, Silver, White and Custom Colors. Six stage chemical iron phosphate conversion pre-treatment. Polyester powder coat finish, 18 μm minimum, 5,000 hour salt spray test (ASTM B117) compliant with Florida / AAMA 2604 specification.

PERFORMANCE

color temperature	AMBER (no light below 560nm wavelength)
lumen output (nominal)	350 lm
lumen maintenance	L70 > 70,000 hours
color consistency	2 SDCM, 83 CRI
operating temperature	-4°F to 122°F (-20°C to 50°C)
warranty	5-Year limited warranty

ELECTRICAL

input voltage	Universal 120 - 277 VAC
power supply	Integral Class II, electronic high-power factor > 94%
certification	ETL / cETL Listed, Wildlife Friendly Lighting Certification #2018-049
standards	UL 1598 / CSA C22.2 No. 250.0 - Class II / IES LM-79 / LM-80
power consumption	6.4W @ 120V
dimming	**Standard:** TD Tri-Dim (UNV Only), (1%, 0-10V, 120 - 277 VAC), (1%, TRIAC & ELV, 120 VAC Only)

Due to continuous development and improvements, specifications are subject to change without notice.
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FCC813 Series

ORDERING INFORMATION

FCC813A			UNV	AM	4L		SP	
MODEL	**MOUNTING**	**SUSPENSION LENGTH**	**VOLTAGE**	**CCT**	**LUMENS (typical)**	**FINISH**	**OPTICS**	**OPTIONS**
FCC813A	**SF** Surface	*(Note in Inches)*	**UNV** 120 - 277 VAC	**AM** Amber (590 - 600nm)	**4L** 350 lm (6.4W)	**BKE** Black	**SP** Spot	**TD** Tri-Dim (UNV Only) (1%, 0-10V, 120 - 277 VAC), (1%, TRIAC & ELV, 120V Only)
	WM Wall					**BRE** Bronze		**CV** Cut Off Visor
	SPM³ 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 (typical)**	**FINISH**	**OPTICS**	**OPTIONS**
FCC813AR†	**SF** Surface	*(Note in Inches)*	**UNV** 120 - 277 VAC	**AM** Amber (590 - 600nm)	**4L** 350 lm (6.4W)	**BKE** Black	**SP** Spot	**TD** Tri-Dim (UNV Only) (1%, 0-10V, 120 - 277 VAC), (1%, TRIAC & ELV, 120V Only)
	WM Wall					**BRE** Bronze		**CV** Cut Off Visor
	SPM³ Pendant					**GRE** Graphite Grey		**BBUR**[1] Battery Backup Remote (Indoor)
						WHE White		**BBUX**[2] 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).

[3] Specify the optional suspension length in inches. (Top of luminaire to ceiling) (SPM 18" Standard, 6"-120" Max; 61"-120" w/LD & ET Only and stem comes in 2 sections) *Consult factory & price guide for other lengths.
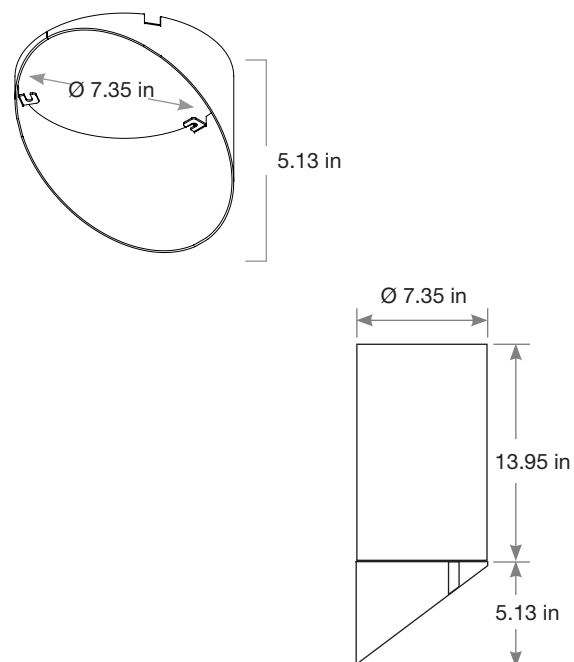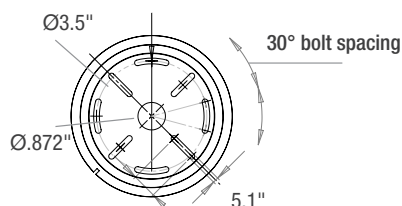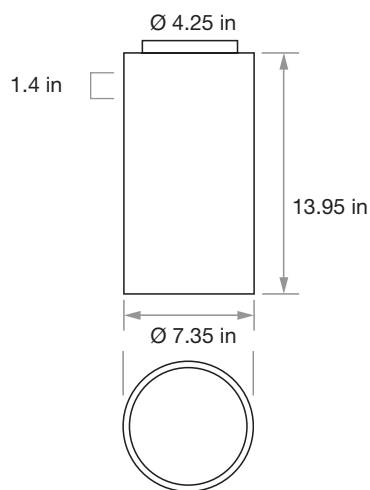
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Product use certifies agreement to FC Lighting terms and conditions.

US Commercial Lighting Manufacturer Since 1982

Specification Sheet

JC-DM-100325

PHYSICAL

PRODUCT DIMENSIONS

Diameter	Ø 7.35"
Height (H)	13.95"
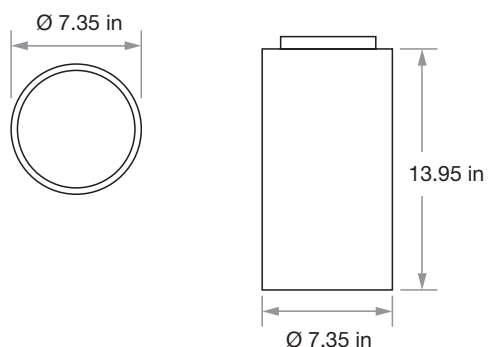
CUT OFF VISOR

CV - cut-off visor	5.13" D
Total luminaire height	H + 5.13" D

Ø 7.35 in

13.95 in

Ø 7.35 in

Ø 7.35 in

5.13 in

Ø 7.35 in

13.95 in

5.13 in

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Specification Sheet

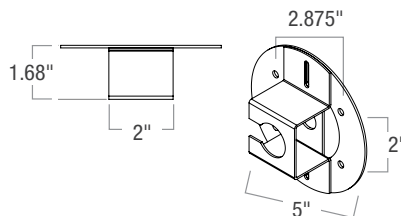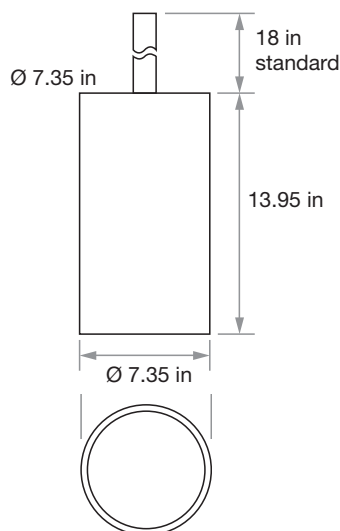JC-DM-100325

Physical

MOUNTING OPTIONS

SURFACE MOUNT

SF - surface mount	4.25" W
add to luminaire height	1.4"

Ø 4.25 in

1.4 in

13.95 in

Ø 7.35 in

Ø3.5"

30° bolt spacing

Ø.872"

5.1"

SLOPE PENDANT MOUNT

SPM - pendant mount	18"
add to luminaire height	18"

18 in standard

Ø 7.35 in

13.95 in

Ø 7.35 in

2.875"

1.68"

2"

5"

2"

WALL MOUNT

WM - wall mount	2.05" D
total luminaire depth	8.36" D
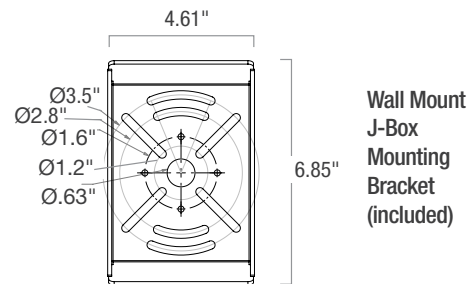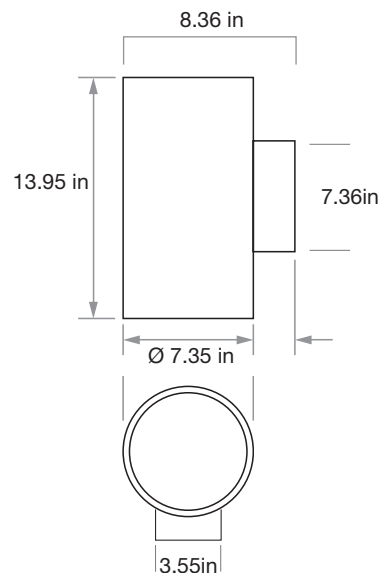
8.36 in

13.95 in

7.36in

Ø 7.35 in

3.55in

4.61"

Ø3.5"
Ø2.8"
Ø1.6"
Ø1.2"
Ø.63"

6.85"

Wall Mount
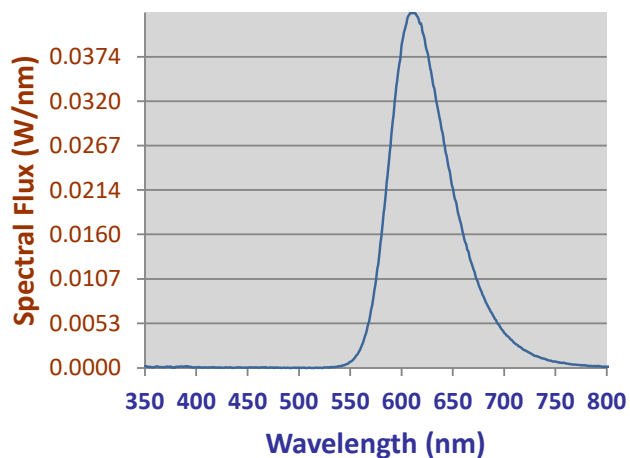J-Box
Mounting
Bracket
(included)

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Specification Sheet

Photometry

OPTICAL DISTRIBUTION

Lamp=-1 (352.3) lm
Max=2 440.9 cd
Power=6 W
Multiplier=1
Degree=0

Type C

500
1 000
1 500
2 000
2 500

Box 0.6125x0.6125x1.1625 ft
Manufacturer: FC LIGHTING
Luminaire catalog: FCC813A
Luminaire: FCC813A-SF-UNV-AM-4L-BKE-SP-LD
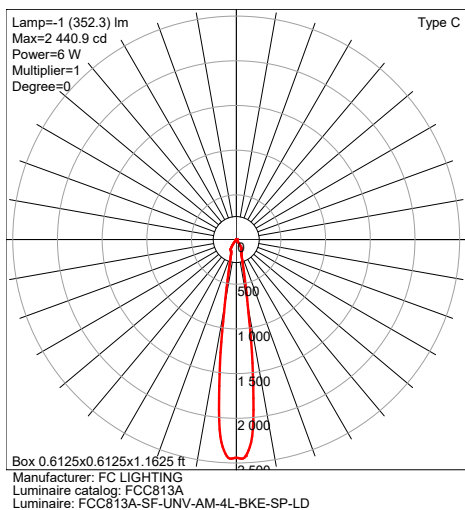
Relative Spectral Power Distribution

Spectral Flux (W/nm)

0.0374
0.0320
0.0267
0.0214
0.0160
0.0107
0.0053
0.0000

350 400 450 500 550 600 650 700 750 800

Wavelength (nm)

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BATTERY BACK-UPS

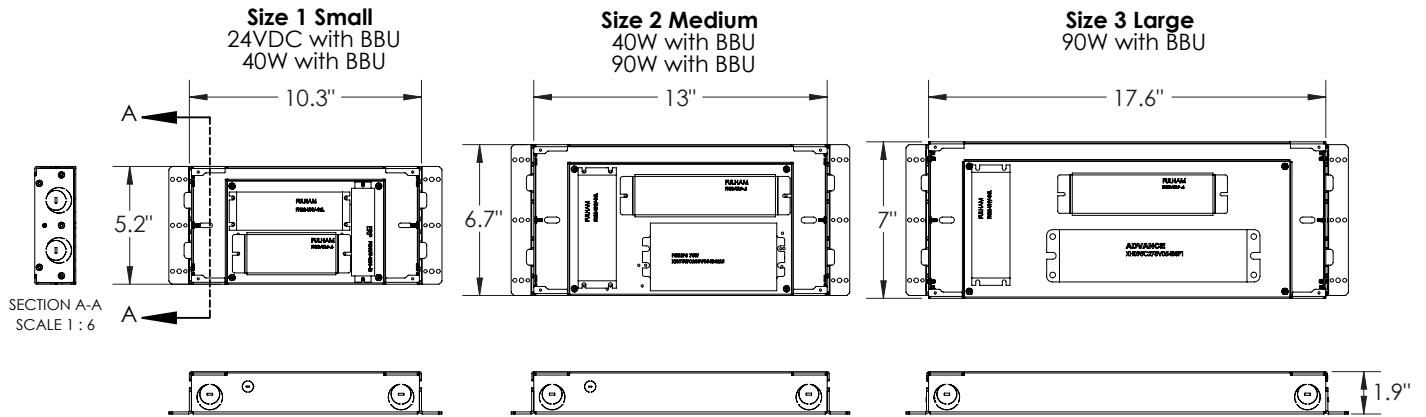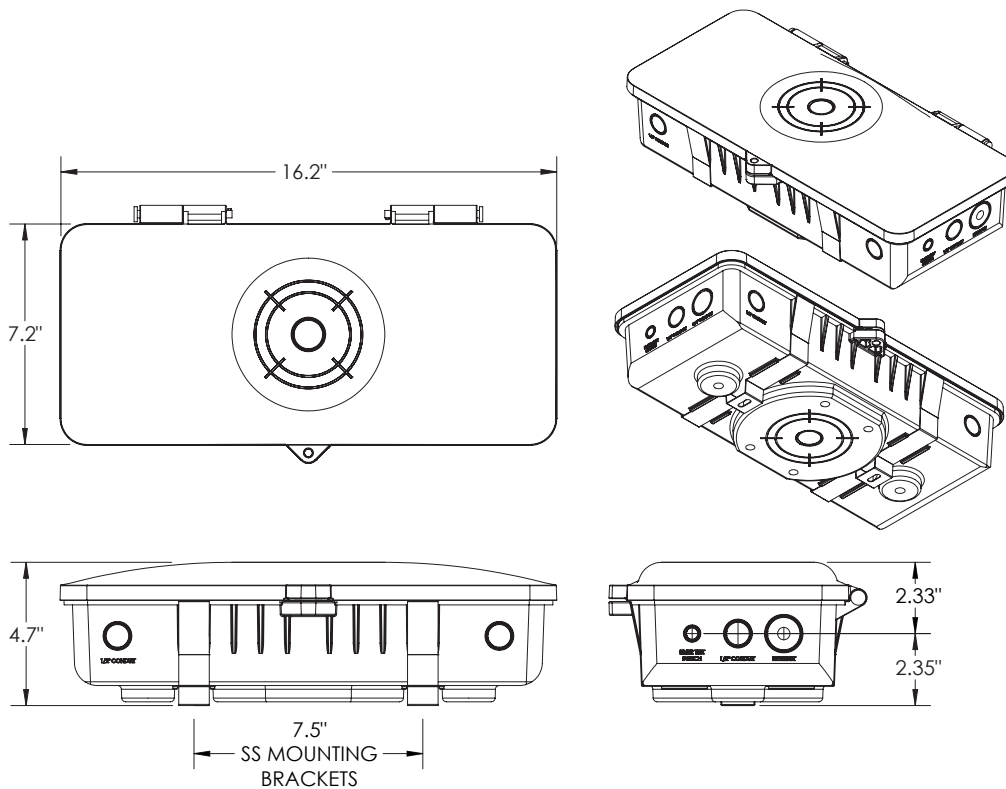**BBUR -** BATTERY BACK-UP & LED DRIVER REMOTE (INDOOR), IP20, IK08, NEMA 1, 0°C to +48°C, 30' MAX Distance with 12AWG (w/UNV Option Only)

Size 1 Small
24VDC with BBU
40W with BBU

Size 2 Medium
40W with BBU
90W with BBU

Size 3 Large
90W with BBU

10.3"

13"

17.6"

5.2"

6.7"

7"

SECTION A-A
SCALE 1 : 6

1.9"

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)

16.2"

7.2"

4.7"

2.33"

2.35"

7.5"
SS MOUNTING
BRACKETS

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Specification Sheet

JC-DM-100325