

4" Cylinder

Turtle & Wildlife Friendly

(Formerly M Series Cylinder)



Project:	Type:
Product Code:	Date:

V090226

Surface/Pendant/Wall Mount

- Compliant with guidelines to minimize lighting's impact on sea turtles
- Powered by DMF's advanced LED downlight technology
- Modular Twist & Lock trims and Plug & Play light engines for easy maintenance and onsite modifications
- Die-cast aluminum with no visible hardware for a sleek, symmetrical design

CYLINDER

Mount

Surface, Pendant (Cord/Stem), Wall

Size

Diameter: 4"
Height: 4", 8", 12"

Stem/Cord Length

Standard: 24" or 48"
Custom: Up to 156" (Cord) or 96" (Stem)

Trims

Standard, Snoot, Wall Wash

Finish

White, Black, Brushed Aluminum,
Bronze, Custom Color

LIGHT OUTPUT & DISTRIBUTION

Lumens (Power)

300 lm (7.7W)

Wavelength

>560nm

Color Temperature

 Turtle Friendly Cree® Amber LED
(no color filter)

Beam Spread



POWER & CONTROLS

Input Voltage

120 / 277V

Dimming

0-10V (1%)

RATINGS

-  Wet Location/IP65 Configurations Available
-  RoHS Compliant
-  NSF Listed ¹
-  DarkSky Approved Sea Turtle Sensitive Luminaire

¹ White Finish Only

MAINTENANCE

Driver and LED chip are embedded within the cylinder module featuring touch-safe connections and replacement following trim removal



PRODUCT BUILDER - PENDANT MOUNT

EXAMPLE: 4CPR04C2SD03NS00000TFWHO000S

CYLINDER	4CP	4CP	4" Pendant Mount Cylinder				
SHAPE	R	R	Round				
SIZE		04	4 Inch	08	8 Inch	12	12 Inch
SUSPENSION		C	Cord	S	Stem		
LENGTH		2	24"	4	48"	C	Custom ¹
MOISTURE RATING	S	S	Standard (Damp Location)				
LIGHT OPTIONS	D	D	Downlight				
LUMENS DOWN	03	03	300 lm				
BEAM SPREAD DOWN		NS	Narrow Spot (15°)	SP	Spot (25°)	FL	Flood (40°)
		WF	Wide Flood (60°)	GA	General Ambient (90°+)		
SPECIALTY LENS	0	0	None				
LUMENS UP	00	00	None				
BEAM SPREAD UP	00	00	None				
CCT	TF	TF	Turtle & Wildlife Friendly				
STANDARD FINISH		WH	White 	BK	Black 	BZ	Bronze 
PREMIUM FINISH		BA	Brushed Aluminum 	CC	Custom Color 		
DIMMING	O	O	0-10V (1%)				
WIRELESS	0	0	None				
EMERGENCY	00	00	None				
TRIM DOWN		S	Standard Trim	N	Snoot Trim (Black Only)	W	Wall Wash Trim ²

¹ Custom Length Cord/Stem must be specified on PO, minimum length 3", maximum length 156" (Cord) 96" (Stem)

² Only available with WF Optic; not available in Custom Colors

PRODUCT BUILDER - SURFACE MOUNT

EXAMPLE: 4CSR04SD03NS0TFWHO00S

CYLINDER	4CS	4CS	4" Surface Mount Cylinder				
SHAPE	R	R	Round				
SIZE		04	4 Inch	08	8 Inch	12	12 Inch
MOISTURE RATING		S	Standard (Damp Location)		W	Wet (IP65 Rated) ¹ 	
LIGHT OPTIONS	D	D	Downlight 				
LUMENS DOWN	03	03	300 lm 				
BEAM SPREAD DOWN		NS	Narrow Spot (15°)	SP	Spot (25°)	FL	Flood (40°)
		WF	Wide Flood (60°)	GA	General Ambient (90°)		
SPECIALTY LENS	0	0	None 				
CCT	TF	TF	Turtle & Wildlife Friendly				
STANDARD FINISH		WH	White 	BK	Black 	BZ	Bronze 
PREMIUM FINISH		BA	Brushed Aluminum 	CC	Custom Color 		
DIMMING	O	O	0-10V (1%)				
EMERGENCY	00	00	None				
TRIM DOWN		S	Standard Trim 	N	Snoot Trim (Black Only)	W	Wall Wash Trim ²

 Required for Wet Location/IP65 rating

¹ Requires Round Standard Trim

² Only available with WF Optic; not available in Custom Colors

PRODUCT BUILDER - WALL MOUNT

EXAMPLE: 4CWR08WD03NS00000TFWHOS

CYLINDER	4CW	4CW	4" Wall Mount Cylinder		
SHAPE	R	R	Round		
SIZE		08	8 Inch	12	12 Inch
BRACKET		W	Standard ¹ (Wet) 	S	Slim (Damp)
LIGHT OPTIONS	D	D	Downlight 		
LUMENS DOWN	03	03	300 lm 		
BEAM SPREAD DOWN		NS	Narrow Spot (15°)	SP	Spot (25°)
		FL	Flood (40°)		
		WF	Wide Flood (60°)	GA	General Ambient (90°+)
SPECIALTY LENS DOWN	0	0	None 		
LUMENS UP	00	00	None		
BEAM SPREAD UP	00	00	None		
CCT	TF	TF	Turtle & Wildlife Friendly		
STANDARD FINISH		WH	White 	BK	Black 
PREMIUM FINISH		BZ	Bronze 		
		BA	Brushed Aluminum 	CC	Custom Color 
DIMMING	O	O	0-10V (1%)		
TRIM DOWN	00	S	Standard Trim 	N	Snoot (Black Only)
		W	Wall Wash Trim ²		

 Required for Wet Location/IP65 rating

¹ Requires Round Standard Trim
² Only available with WF Optic; Not available in Custom Colors



PRODUCT BUILDER

ACCESSORIES

4CCX-SW	Round Standard Trim, White
4CCX-SB	Round Standard Trim, Black
4CCX-SA	Round Standard Trim, Brushed Aluminum
4CCX-SZ	Round Standard Trim, Bronze
4CCX-SC	Round Standard Trim, Custom Color
4CCX-N	Snoot (Black Only)
4CCX-JW	Junction Box Cover, White ¹
4CCX-JB	Junction Box Cover, Black ¹
4CCX-JA	Junction Box Cover, Brushed Aluminum ¹
4CCX-JZ	Junction Box Cover, Bronze ¹

¹ Damp Location rated; not for use in Wet Locations



SUMMARY

	STATIC CCT
LUMENS	300 lm (7.7 W)
WAVE LENGTH	>560 nm
DIMMING	0-10V (120/277V): 1%
LED CHIP	Turtle & Wildlife Friendly Cree Amber LED (no color filter)
LISTINGS	UL Listed for Wet Location (option), IP65 rated (option), UL Certified US-CA, Declare, NSF/ANSI-2 Splash Zone Safe ¹ , Dark Sky Approved Sea Turtle Sensitive Luminaires, Compliant with FCC CFR Title 47 Part 15; Class B, Compliant with FWC Wildlife Lighting Requirements

¹ Black and White Finish Only

ADDITIONAL

INPUT VOLTAGE: 120/277V, 50/60Hz

MAX INPUT CURRENT (120V): 0.10 amps

MAX INPUT CURRENT (277V): 0.04 amps

POWER FACTOR: Greater than 0.9

TOTAL HARMONIC DISTORTION: Less than 20%

AMBIENT OPERATING TEMPERATURE: -20°C to 40°C

PHOTOMETRIC TESTING: Tested in accordance to IESNA LM-79-2008

LIFETIME: 50,000 hours at 70% lumen maintenance

WARRANTY: 5 year limited warranty

CYLINDER: Extruded aluminum

SIZE: 4", 8", 12"

FINISH: White, Black, Bronze, Brushed Aluminum, Custom Color

PENDANT: 24" or 48" standard. Cord: Custom length up to 156". White, black or silver with round canopy. Stem: Custom length up to 96". Painted steel stem with round canopy and hanging straight endpoint with up to 30° tilt (meets CA IR 16-9).

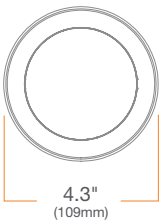
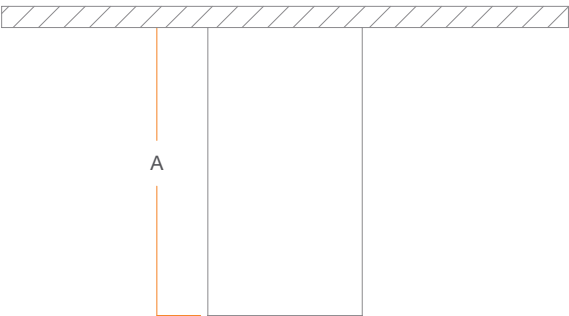
MOUNT: Surface, Cord, Stem: Installs in most 3" octagonal, 4" octagonal, 3" round and 4" round boxes. Wall Mount: Installs in most one-gang switch boxes. Wet Location Wall Mount: Installs in most two-gang switch, 3" octagonal, 4" octagonal, 3" round, 4" round and 4" square boxes.

JUNCTION BOX COVERS: Allows up to 4 solid metal conduit branches. Compatible with 4" octagonal and 4" square boxes. Damp Location Only.



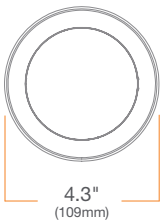
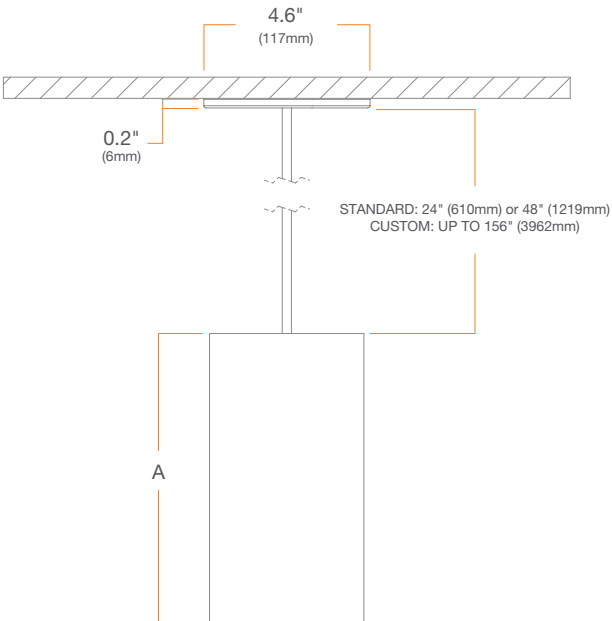
Surface Mount

4CSRxx



Cord Mount

4CPRxxC

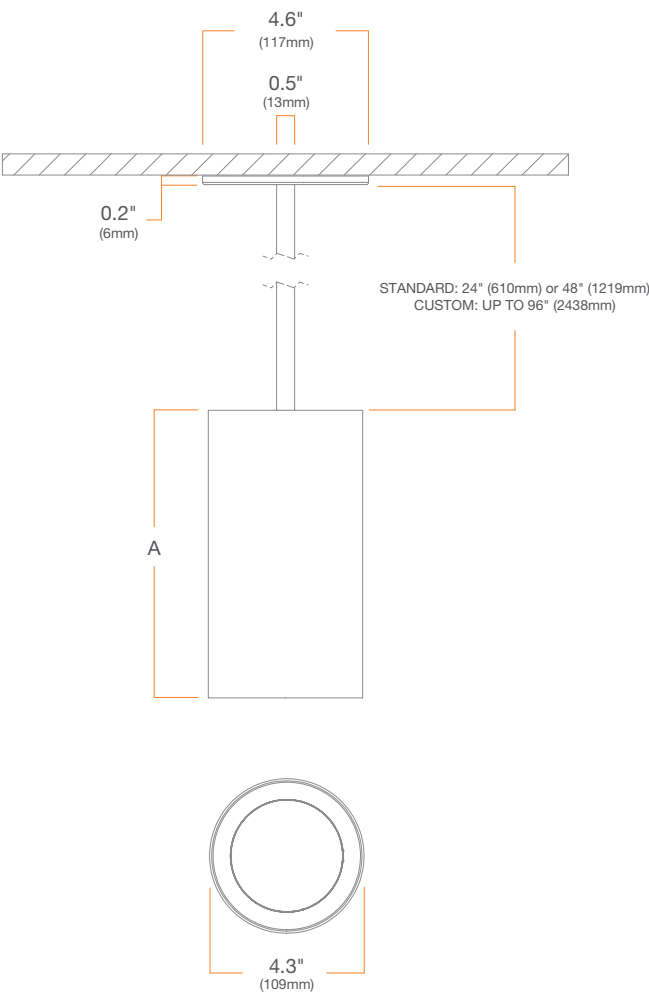


CYLINDER SIZE	A
04	4" [102 mm]
08	8" [203 mm]
12	12" [305 mm]



Stem Mount

4CPRxxSxS

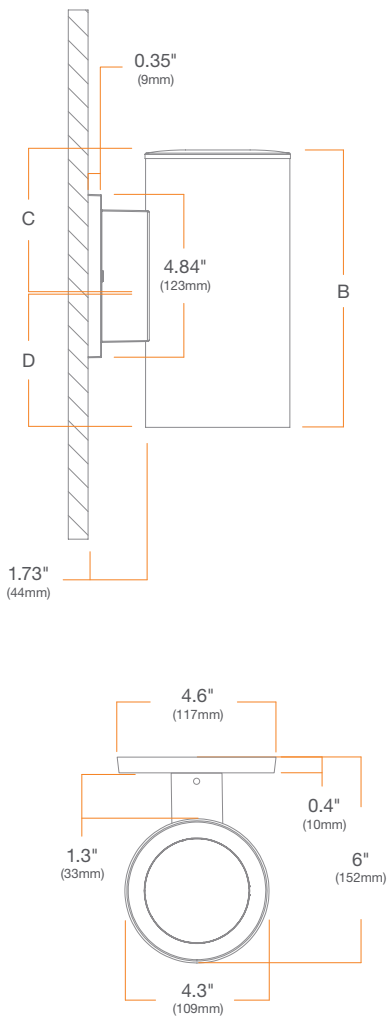


CYLINDER SIZE	A
04	4" [102 mm]
08	8" [203 mm]
12	12" [305 mm]



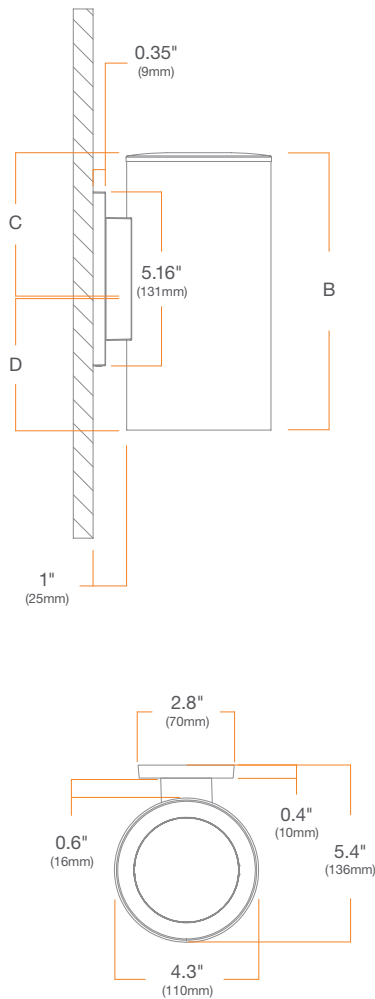
Wall Mount, Standard Bracket (Wet Location)

4CWRxxW



Wall Mount, Slim Bracket (Damp Location)

4CWRxxS

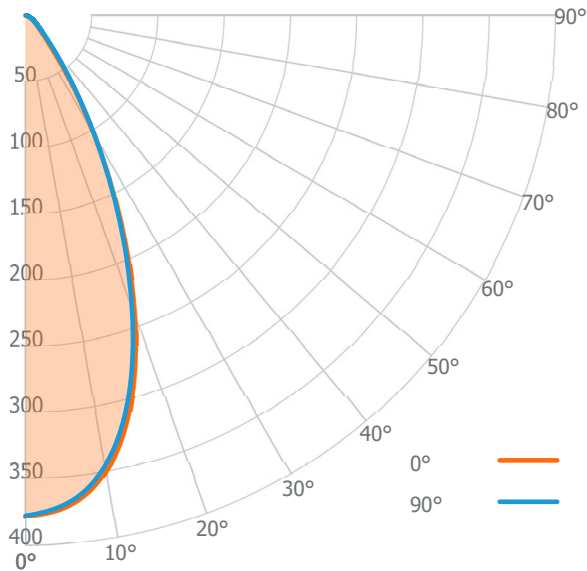


CYLINDER SIZE	B	C	D
08	8 1/4" [210 mm]	4 1/2" [114 mm]	4" [102 mm]
12	12 1/4" [311 mm]	6 1/2" [165 mm]	6" [152 mm]

PRODUCT SUMMARY

4" Cylinder Turtle & Wildlife Friendly, 300 lm, Wide Flood
4CTxxxxxxxxxx

Candela Distribution



Luminous Intensity

	0°
0°	378
5°	372
10°	350
15°	306
20°	242
25°	169
30°	103
35°	55
40°	29
45°	16
50°	11
55°	8
60°	6
65°	4
70°	2
75°	1
80°	1
85°	0
90°	0

Zonal Lumen Summary

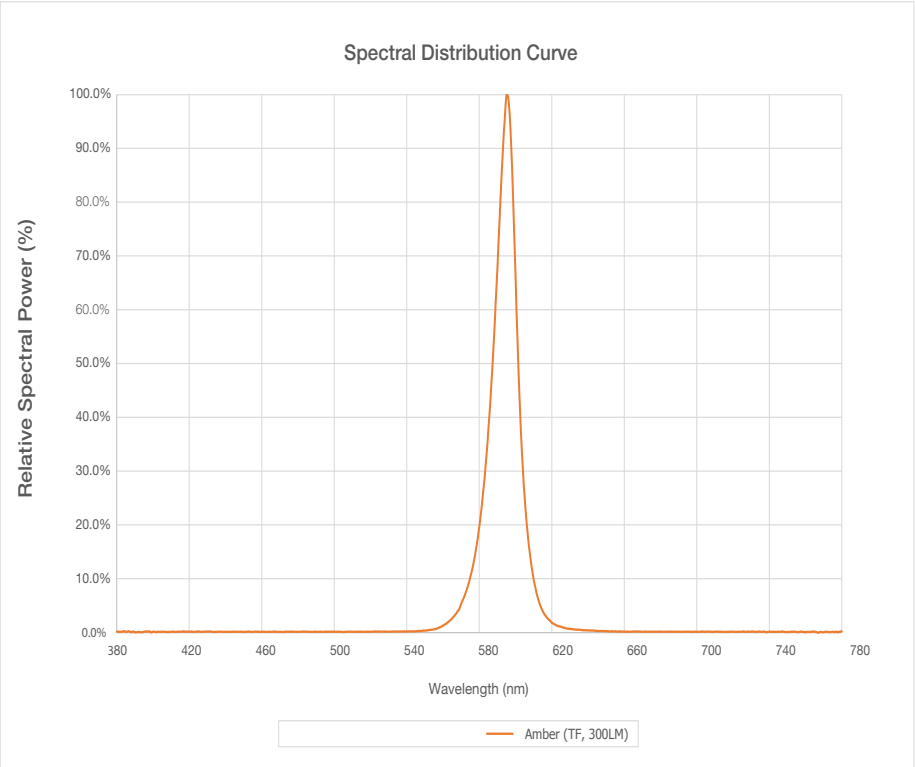
Zone	Lumens	Luminaire %
0° - 30°	194	75%
0° - 40°	231	90%
0° - 60°	252	98%
0° - 90°	258	100%
0° - 180°	258	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	42.0 fc	2.6 ft
6 ft	10.5 fc	5.2 ft
9 ft	4.7 fc	7.9 ft
12 ft	2.6 fc	10.5 ft

Input Watts: **7.7 W**
Lumens: **258 lm**
Efficacy: **33.5 lm/W**
Beam Angle: **47° x 46°**

Spectrum



BUG Classification

