



Turtle & Wildlife Friendly



Project:	Type:
Product Code:	Date:

V052025

Surface/Pendant/Wall Mount

- Compliant with national guidelines to minimize lighting's impact on sea turtles
- Powered by DMF's advanced LED downlight technology
- Installs Directly to a surface or recessed mounted junction box, ideal for areas with limited ceiling height & plenum space restrictions
- Wet Listed & IP65 rated Configurations Available

CYLINDER

Mount

Surface, Pendant (Cord/Stem), Wall

Size

Diameter: 3.5"
Height: 6.5", 9"

Canopy

Standard, Flangeless

Trims

Standard, Snoot, Wall Wash

Finish

White, Black, Brushed Aluminum,
Bronze, Custom Color

LIGHT OUTPUT & DISTRIBUTION

Lumens (Power)

300 lm (7.7W)

Wavelength

>560 nm

Color Temperature



Turtle Friendly Cree® Amber LED
(no color filter)

Beam Spread



20°
Narrow Spot



30°
Spot



40°
Flood



50°
Wide Flood

POWER & CONTROLS

Input Voltage

120 / 277V

Dimming

0-10V (120/277V): 1%

SPECIALTY LENS



Hexcell Louver

RATINGS & CERTIFICATIONS



Wet Location / IP65 Rated
Configurations Available



NSF Listed
(White and Black Finish Only)



DarkSky Approved Sea Turtle Sensitive
Luminaire

WARRANTY

5 year limited warranty; 50,000 hours



Declare.

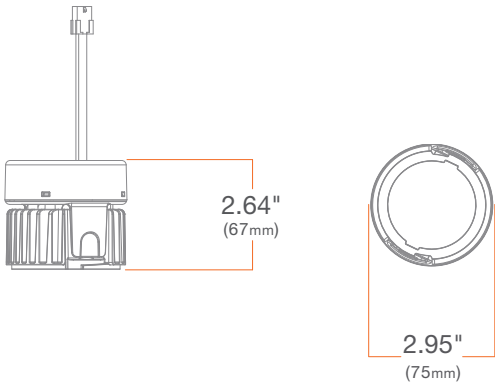




X Series Cylinder

Surface/Pendant/Wall Mount
Turtle & Wildlife Friendly

MODULE



PERFORMANCE SUMMARY

	STATIC CCT
CCT	Turtle & Wildlife Friendly Amber LED
LUMENS (POWER)	300 lm (7.7W)
EFFICACY	39 lm/W
WAVELENGTH	> 560 nm
BEAM SPREAD	Narrow Spot (20°), Spot (30°), Flood (40°), Wide Flood (50°), Linear Spread (50°x30°)
DIMMING	0-10V
LED CHIP	Cree Amber LED
LISTINGS	UL Listed for Wet Location ¹ , UL Certified US-CA, Declare, RoHS compliant, Shatter-resistant construction, NSF/ANSI 2 Listed ² , Compliant to FWC Sea Turtle Lighting Guidelines, DarkSky Approved Sea Turtle Sensitive Luminaires, Compliant with FCC CFR Title 47 Part 15; Class B

¹ With flanged trims, under covered areas only
² In accordance to NSF/ANSI 2 for Splash Zone having designated trim finishes

ADDITIONAL

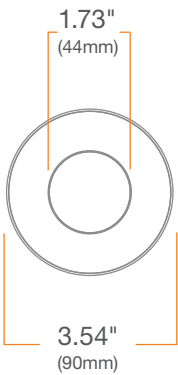
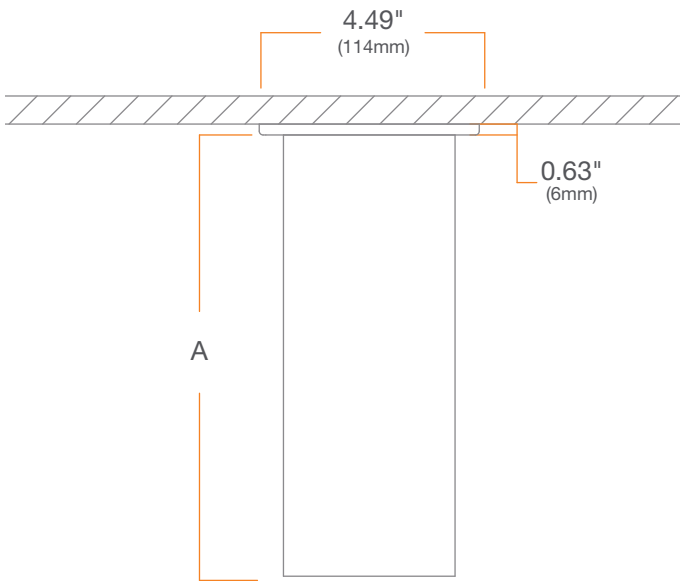
INPUT VOLTAGE: 120/277V, 50/60Hz	TOTAL HARMONIC DISTORTION: Less than 20%
MAX INPUT CURRENT (120V): 0.13 amps	AMBIENT OPERATING TEMPERATURE: -20°C to 40°C
MAX INPUT CURRENT (277V): 0.06 amps	WARRANTY: 5 year limited warranty; 50,000 hours at 70% lumen maintenance
CONNECTOR: 6-pin Molex	
POWER FACTOR: Greater than 0.9	



CYLINDER DIMENSION

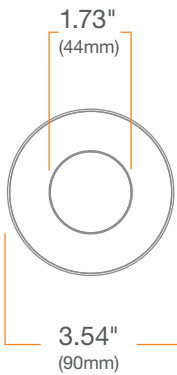
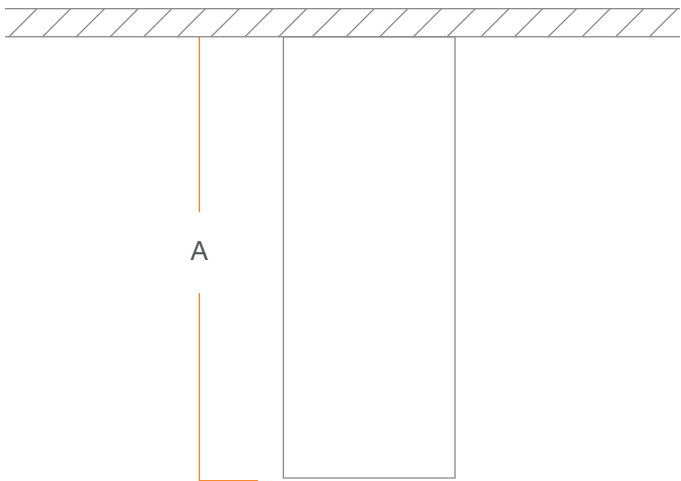
3" Surface Mount, Standard Canopy

XCSRxS



3" Surface Mount, Flangeless Canopy *

XCSRxF



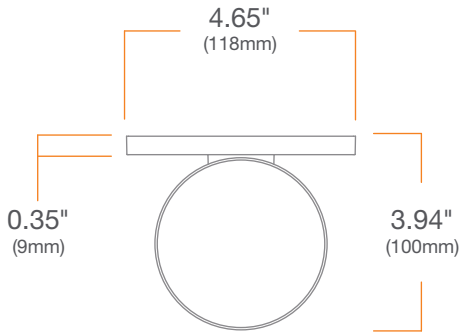
A
6.5" [165 mm]
9" [229 mm]

* Only compatible with 3" Round Junction Box Extension

CYLINDER DIMENSION

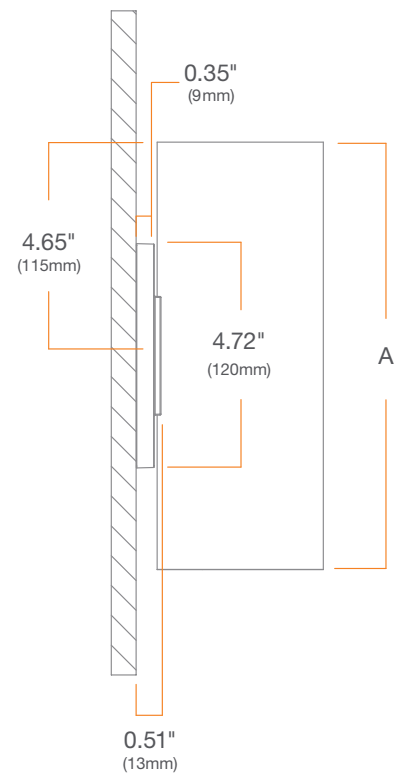
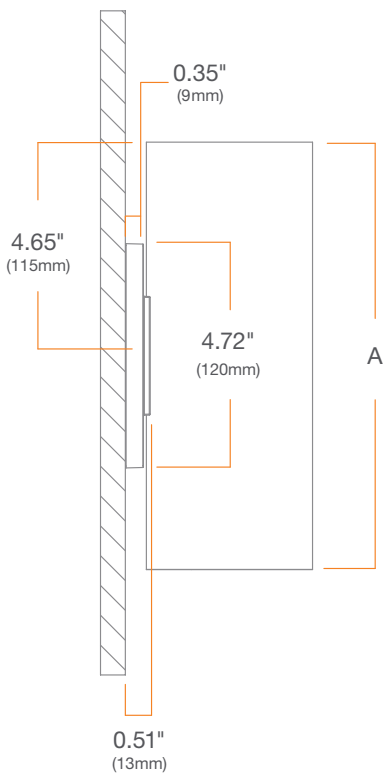
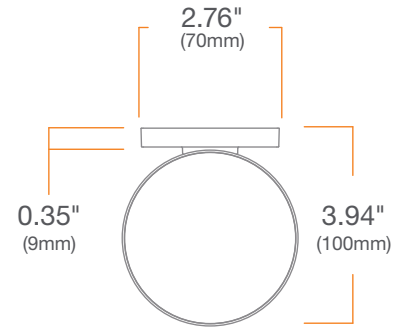
3" Wall Mount, Standard Bracket (Wet Location)

XCWRxW



3" Wall Mount, Slim Bracket (Damp Location)

XCWRxS



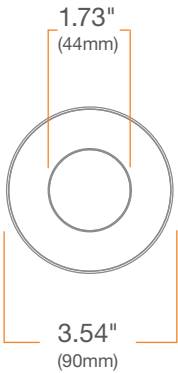
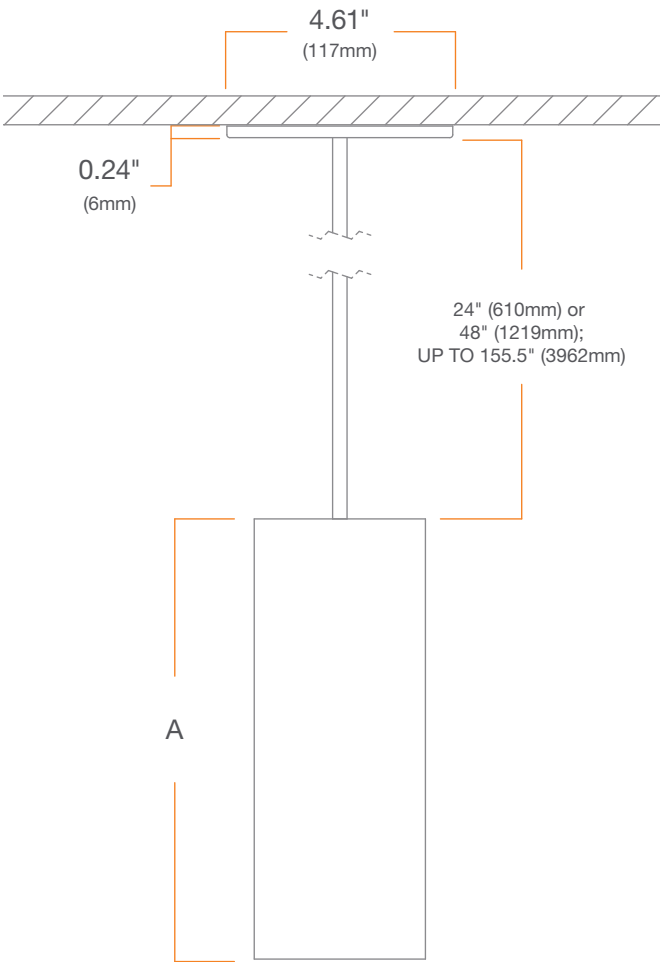
A
6.5" [165 mm]
9" [229 mm]



CYLINDER DIMENSION

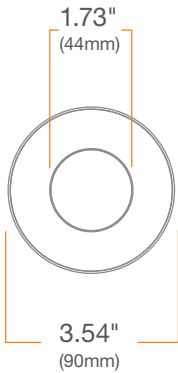
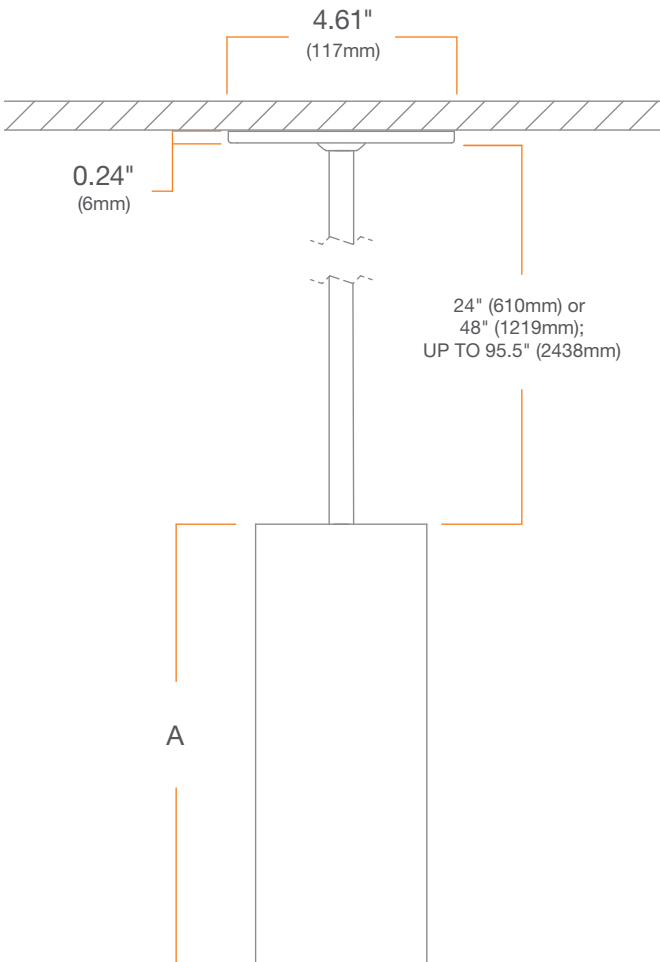
3" Cord Mount

XCPRxCxxS



3" Stem Mount

XCPRxSxxS

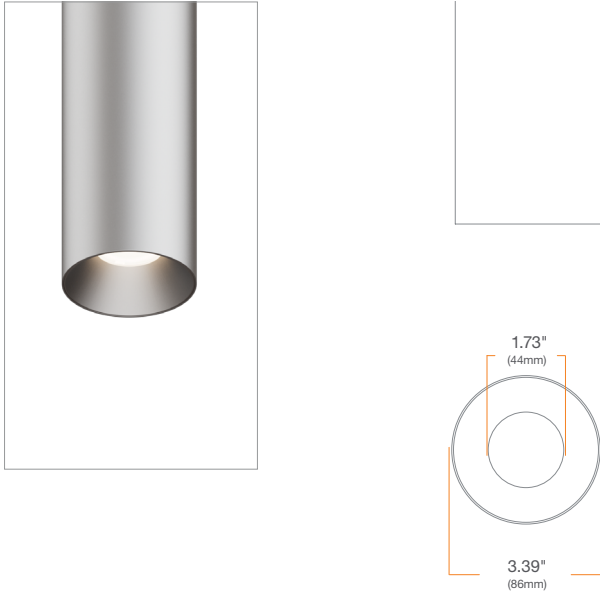


A
6.5" [165 mm]
9" [229 mm]

TRIMS + DOWNLIGHT MODULE

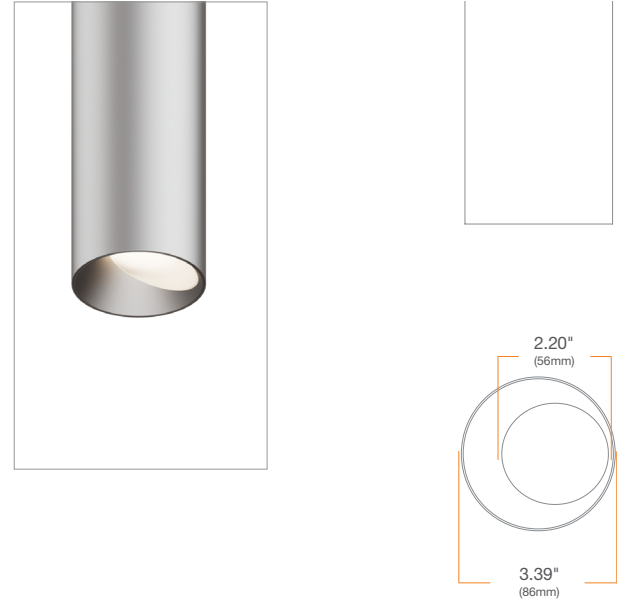
Standard Trim

XCCX-S



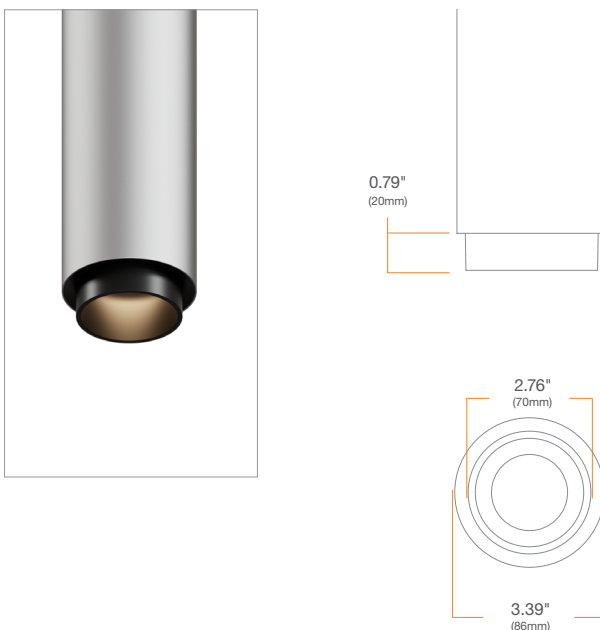
Wall Wash Trim

XCCX-W



Snoot Trim

XCCX-N

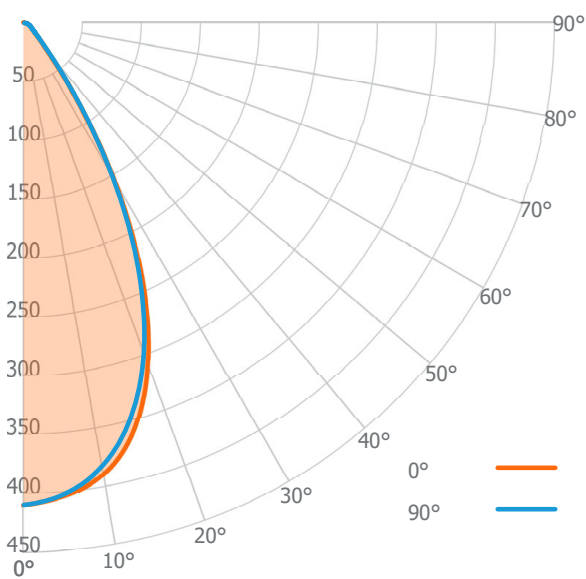


PHOTOMETRY

300 lm, Turtle & Wildlife Friendly, Wide Flood 300lm, Turtle Friendly

XCxRxxD03xx0TFxxO00x

Candela Distribution



Luminous Intensity

	0°
0°	410
5°	404
10°	390
15°	360
20°	309
25°	238
30°	153
35°	77
40°	34
45°	18
50°	11
55°	8
60°	7
65°	6
70°	4
75°	3
80°	2
85°	1
90°	0

Zonal Lumen Summary

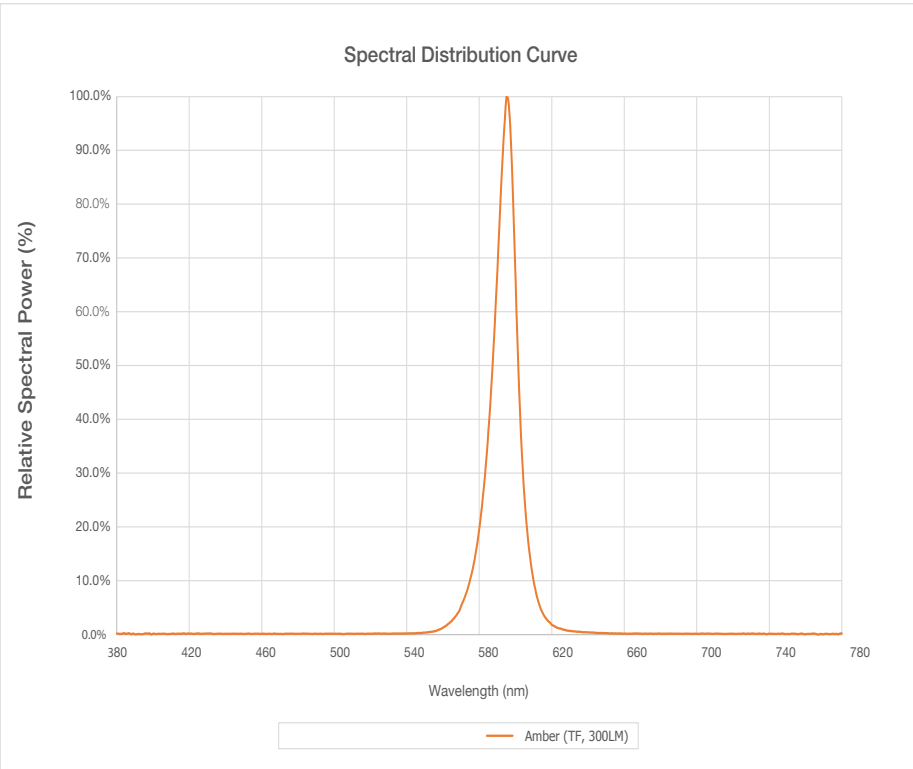
Zone	Lumens	Luminaire %
0° - 30°	243	75%
0° - 40°	293	90%
0° - 60°	316	97%
0° - 90°	325	100%
0° - 180°	325	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	45.6 fc	3.1 ft
6 ft	11.4 fc	6.1 ft
9 ft	5.1 fc	9.2 ft
12 ft	2.8 fc	12.2 ft

Input Watts: 7.7 W
Lumens: 325 lm
Efficacy: 42 lm/W
Beam Angle: 54° x 53°

Spectrum



BUG Classification

