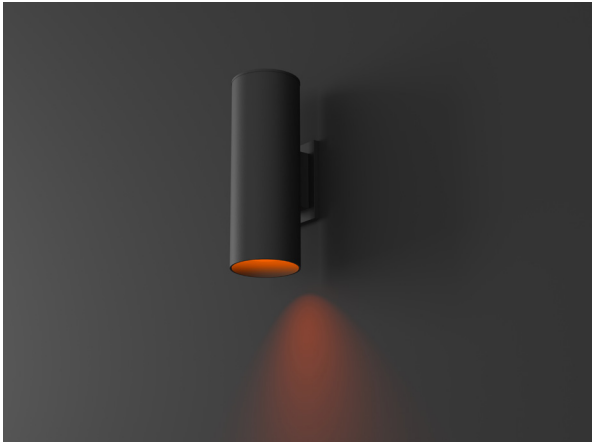











M Series Cylinder

Turtle Friendly Cylinder Lighting

TF



- 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 on-site modifications
- Shadowless pendant uplight allows for direct and indirect lighting from a single cylinder
- Die-cast aluminum with no visible hardware for a sleek, symmetrical design

Lumen Output 400 lm (12W)	Mount Surface, Cord, Stem, Wall		
Wavelength > 560 nm	Size Diameter: 4" Length: Small (4"), Medium (8"), Large (12")		
Color Temperature  Turtle Friendly	Finish White, Black, Brushed Aluminum, Bronze, Custom Color		
	Stem/Cord Length Standard: 24" or 48", Custom: Up to 156" (Cord), 96" (Stem)		
Lighting Type  Downlight	Optics <div> Narrow Spot (15°) Spot (25°) Flood (40°) Wide Flood (60°) General Ambient (90°+)</div>		
Input 120/277V	1% Dimming TRIAC/ELV, 0-10V, Lutron EcoSystem		
Emergency Lighting Optional Remote Inverter or Emergency LED Driver for lighting up to 90 minutes in event of power failure	Trims and Shades Round Beveled Trim, Hyperbolic Trim, Snoot, Round Shade, Flat Shade		
Standards 	Ratings  Wet location available	Guarantee 50,000 hrs 5 years	



M Series Cylinder

Turtle Friendly Cylinder Lighting

Surface, Cord, Stem, Wall Mount

PRODUCT BUILDER

CYLINDER	<input type="text"/>	DC4 4" Cylinder			
MOUNT	<input type="text"/>	<div>C2 Cord Mount, 24" C4 Cord Mount, 48" CC Cord Mount, Custom ¹ T2 Stem Mount, 24" T4 Stem Mount, 48" TC Stem Mount, Custom ¹ SM Surface Mount WM Wall Mount ²</div>			
MOISTURE RATING	<input type="text"/>	S Standard (Damp Location) W Wet Location ³			
LENGTH	<input type="text"/>	S Small (4") M Medium (8") L Large (12")			
LIGHT OPTIONS	<input type="text"/>	D Fixed			
LUMENS DOWN	<input type="text"/>	04 400 lm			
OPTICS DOWN	<input type="text"/>	<div>GA General Ambient (90°+) NS Narrow Spot (15°) SP Spot (25°) FL Flood (40°) WF Wide Flood (60°)</div>			
UPLIGHT	<input type="text"/>	00000 None			
CCT	<input type="text"/>	TF Turtle Friendly			
FINISH	<input type="text"/>	<div>WH White BK Black BA Brushed Aluminum BZ Bronze CC Custom Color</div>			
DRIVER	<input type="text"/>	T TRIAC/ELV (1%) O 0-10V (1%) C Lutron EcoSystem LDE1 (1%) ⁴			
EMERGENCY LIGHT	<input type="text"/>	00 None EM EM, Remote Test Switch ⁵			
TRIM / SHADE DOWN	<input type="text"/>	<div>R Round Beveled Trim H Hyperbolic Trim S Snoot FCC Flat Shade: Custom Color ⁷ RWC Round Shade: White, Clear ⁷ RWW Round Shade: White, Warm ⁷ RBC Round Shade: Black, Clear ⁷ RBW Round Shade: Black, Warm ⁷ RAC Round Shade: Aluminum, Clear ⁷ RCC Round Shade: Custom Color ⁷ FWC Flat Shade: White, Clear ⁷ FWW Flat Shade: White, Warm ⁷ FBC Flat Shade: Black, Clear ⁷ FBW Flat Shade: Black, Warm ⁷ FAC Flat Shade: Aluminum, Clear ⁷</div>			

¹ Requires DCCX-CC/TC Custom Length Cord/Stem, minimum length 3", maximum length 156" (Cord), 96" (Stem)

² Only available in Medium or Large size

³ Only available in Surface, Downlight Stem, or Wall Mount; 750, 1000, 1250, 1500 or 2000 lm; with Round Beveled Trim

⁴ Only available in Medium or Large size

⁵ TRIAC/ELV driver utilizes micro inverter; 0-10V or EcoSystem drivers utilize EM Kit mounted above ceiling with emergency LED driver & remote test switch

⁶ Not available in Wall Mount



PRODUCT BUILDER

ACCESSORIES

DCCX-CC	Custom Length Cord Mount (up to 156")
DCCX-TC	Custom Length Stem Mount (up to 96")
DCCX-RW	Round Beveled Trim, White
DCCX-RB	Round Beveled Trim, Black
DCCX-RA	Round Beveled Trim, Brushed Aluminum
DCCX-RZ	Round Beveled Trim, Bronze
DCCX-RC	Round Beveled Trim, Custom
DCCX-HW	Hyperbolic Trim, White
DCCX-HB	Hyperbolic Trim, Black
DCCX-HA	Hyperbolic Trim, Brushed Aluminum
DCCX-HZ	Hyperbolic Trim, Bronze
DCCX-HC	Hyperbolic Trim, Custom
DCCX-S	Snoot
DCCX-RWC	Round Shade: White Outside, Clear Diffused Inside
DCCX-RWW	Round Shade: White Outside, Warm Diffused Inside
DCCX-RBC	Round Shade: Black Outside, Clear Diffused Inside
DCCX-RBW	Round Shade: Black Outside, Warm Diffused Inside
DCCX-RAC	Round Shade: Brushed Aluminum Outside, Clear Diffused Inside
DCCX-RCC	Round Shade: Custom Color
DCCX-FWC	Flat Shade: White Outside, Clear Diffused Inside
DCCX-FWW	Flat Shade: White Outside, Warm Diffused Inside
DCCX-FBC	Flat Shade: Black Outside, Clear Diffused Inside
DCCX-FBW	Flat Shade: Black Outside, Warm Diffused Inside
DCCX-FAC	Flat Shade: Brushed Aluminum Outside, Clear Diffused Inside
DCCX-FCC	Flat Shade: Custom Color
DCCX-JW	Junction Box Cover, White
DCCX-JB	Junction Box Cover, Black
DCCX-JA	Junction Box Cover, Brushed Aluminum
DCCX-JZ	Junction Box Cover, Bronze
DCCX-JC	Junction Box Cover, Custom Color



M Series Cylinder

Turtle Friendly Cylinder Lighting

Surface, Cord, Stem, Wall Mount

PRODUCT SUMMARY



Large, black, stem mount with
Junction Box Cover shown

SUMMARY

LED: Cree® Red-Orange LED (no color filter)

DELIVERED LUMENS: 400 lm (12W)

WAVELENGTH: > 560 nm

DIMMING: Down to 1% for TRIAC/ELV at 120V, 1% for 0-10V or Lutron Hi-lume® 1% at 120/277V

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

EMERGENCY LIGHTING: Optional installer mounted Remote Inverter or Emergency LED Driver for lighting up to 90 minutes in event of power failure

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

LISTINGS: UL Certified

LIFETIME: 50,000 hours at 70% lumen maintenance

CYLINDER: Extruded aluminum; 4" (small), 8" (medium), 12" (large)

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.

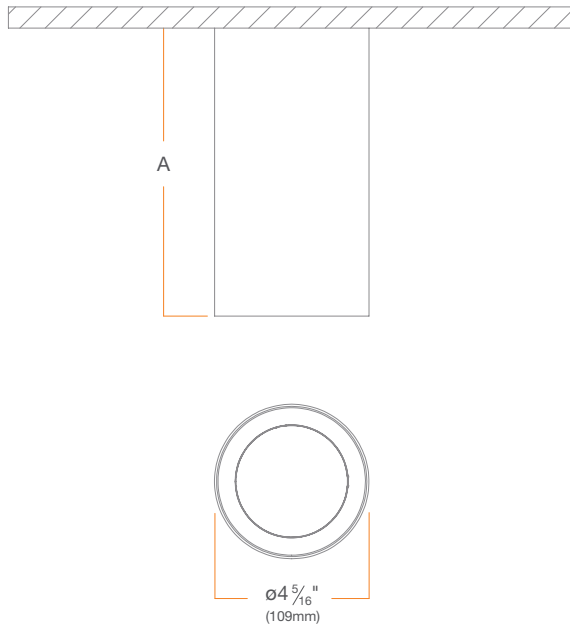
JUNCTION BOX COVERS: Allows up to 4 solid metal conduit branches. Compatible with 4" octagonal and 4" square boxes.

WARRANTY: 5 year limited warranty

CYLINDER DIMENSIONS

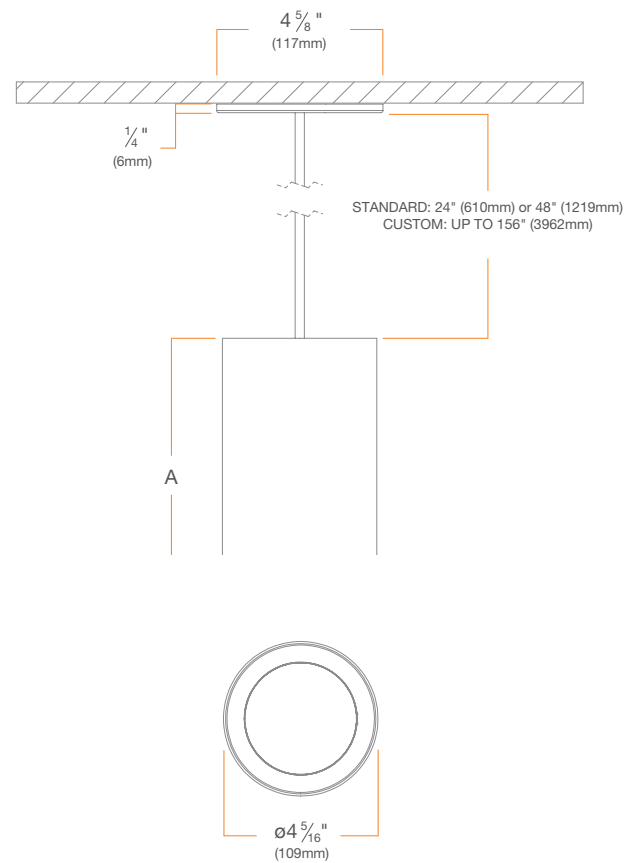
Surface Mount LED Cylinder

DC4SM



Cord Mount LED Cylinder

DC4C



CYLINDER SIZE	A
Small	4" [102 mm]
Medium	8" [203 mm]
Large	12" [305 mm]

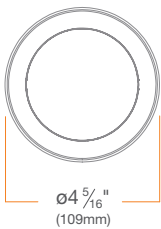
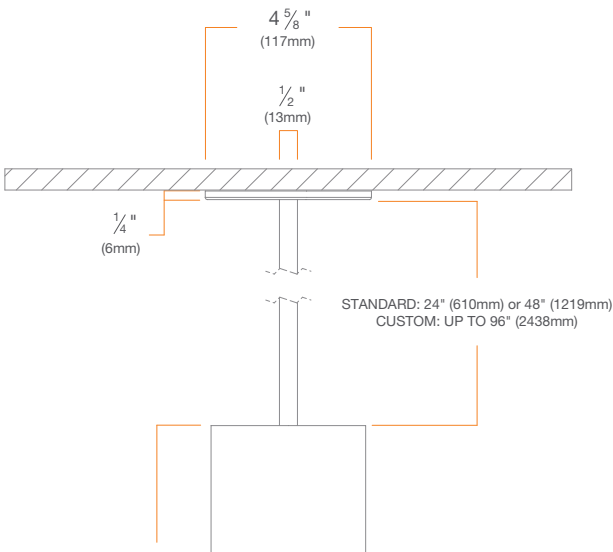
CYLINDER SIZE	B
Small	4" [102 mm]
Medium	8" [203 mm]
Large	12" [305 mm]



CYLINDER DIMENSIONS

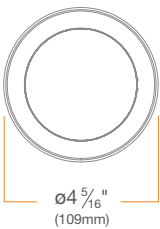
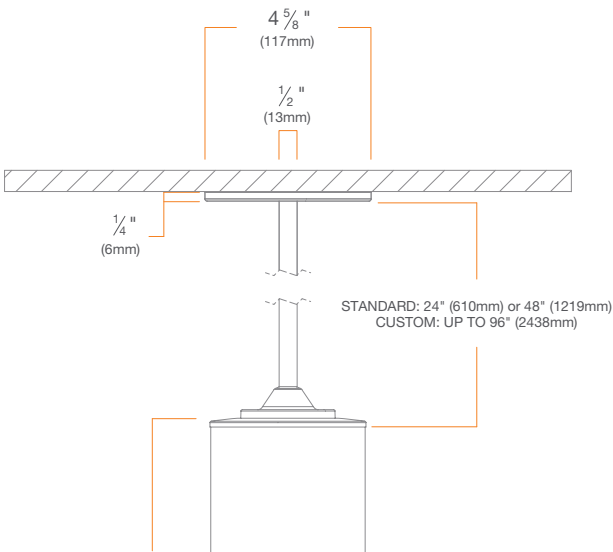
Stem Mount
LED Cylinder

DC4T



Stem Mount, Wet Location
LED Cylinder

DC4TxW



CYLINDER SIZE	C
Small	4" [102 mm]
Medium	8" [203 mm]
Large	12" [305 mm]

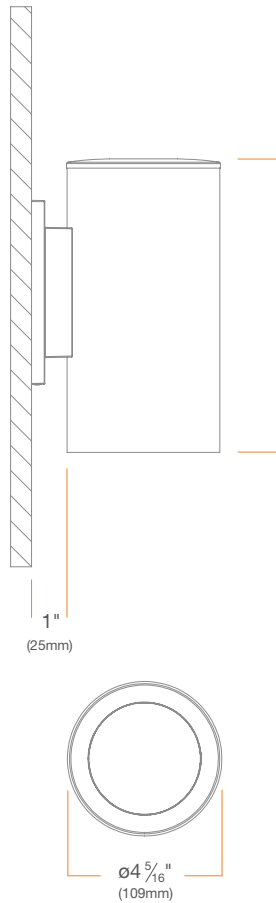
CYLINDER SIZE	D
Small	4 1/4" [108 mm]
Medium	8 1/4" [210 mm]
Large	12 1/4" [311 mm]



CYLINDER DIMENSIONS

Wall Mount Downlight LED Cylinder

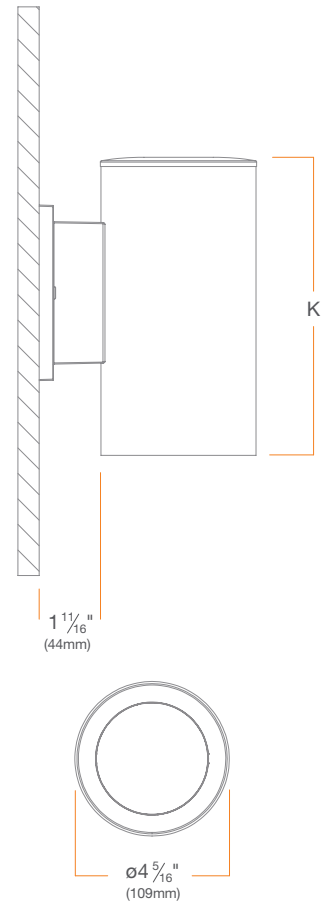
DC4WM



CYLINDER SIZE	I
Medium	8 $\frac{1}{4}"$ [210 mm]
Large	12 $\frac{1}{4}"$ [311 mm]

Wall Mount Downlight, Wet Location LED Cylinder

DC4WMW



CYLINDER SIZE	K
Medium	8 $\frac{1}{4}"$ [210 mm]
Large	12 $\frac{1}{4}"$ [311 mm]

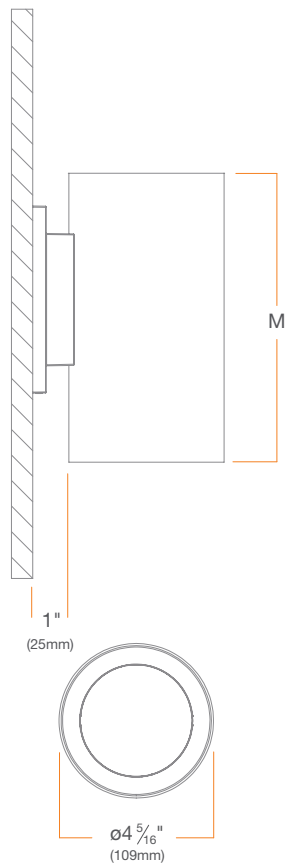


M Series Cylinder

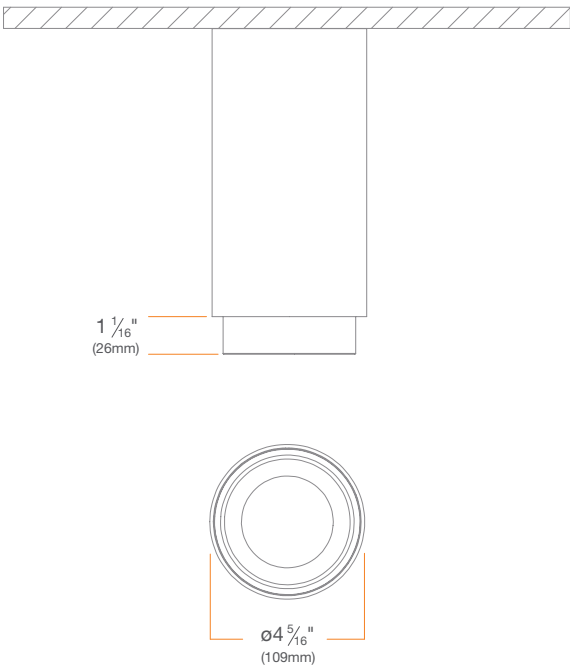
Turtle Friendly Cylinder Lighting
Surface, Cord, Stem, Wall Mount

CYLINDER DIMENSIONS

Wall Mount Up and Downlight
LED Cylinder
DC4WM



Snoot
DCCX-S

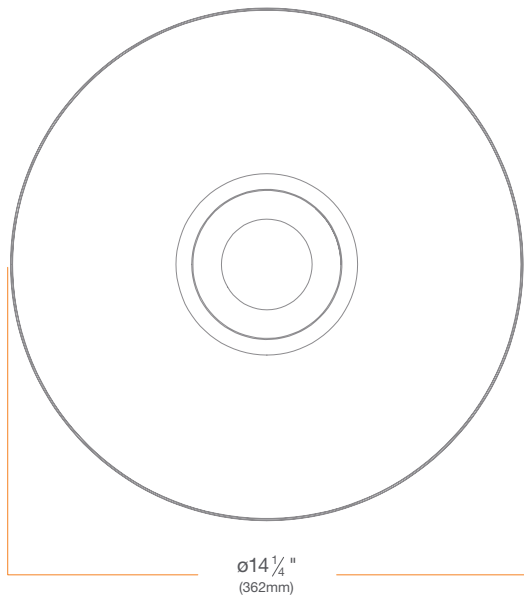
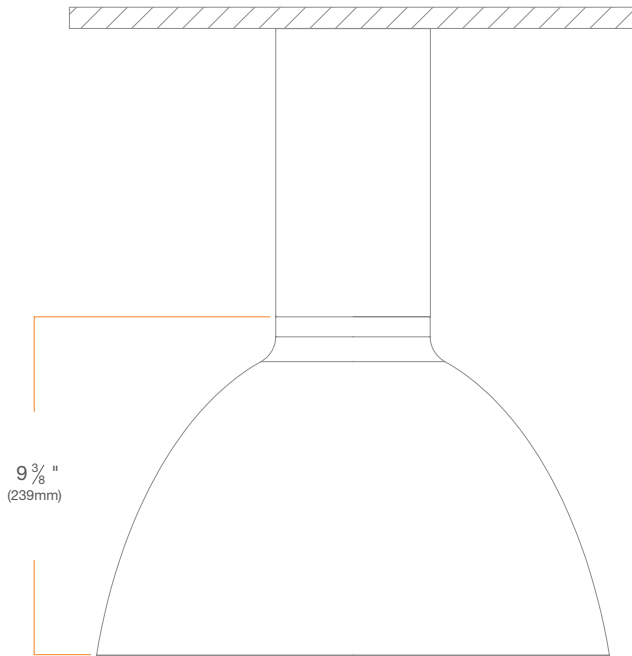


CYLINDER SIZE	M
Large	12" [305 mm]

CYLINDER ACCESSORY DIMENSIONS

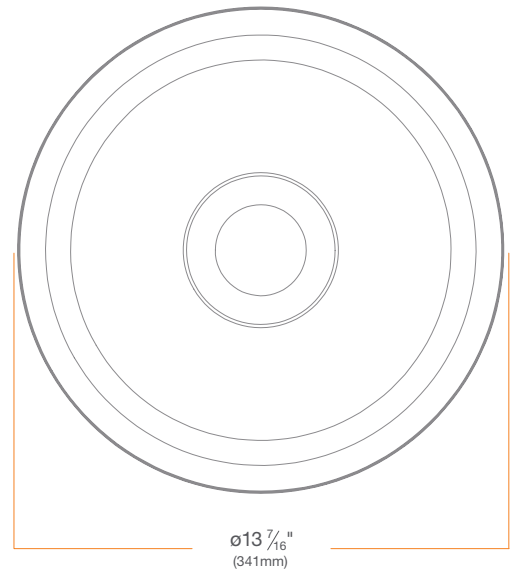
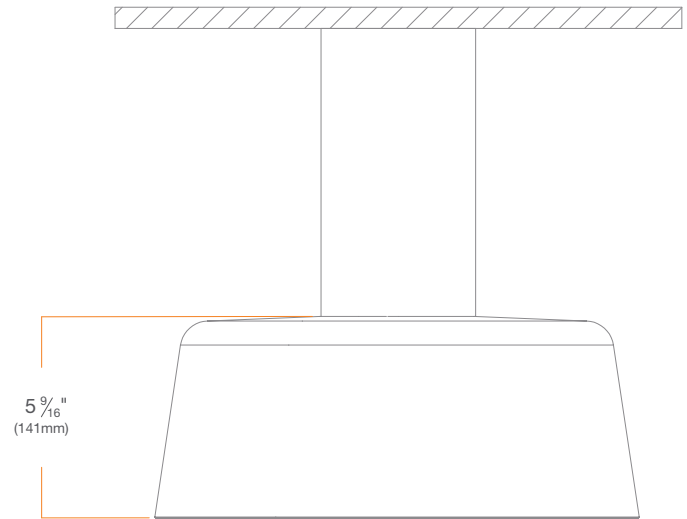
Round Shade

DCCX-R



Flat Shade

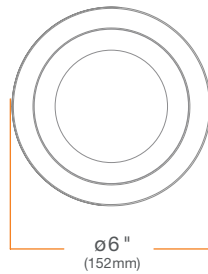
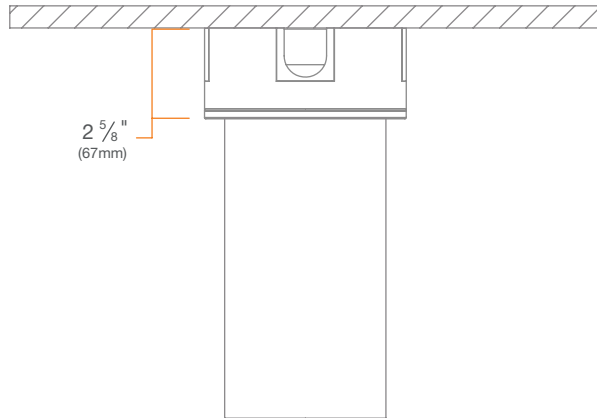
DCCX-F



CYLINDER ACCESSORY DIMENSIONS

Junction Box Cover

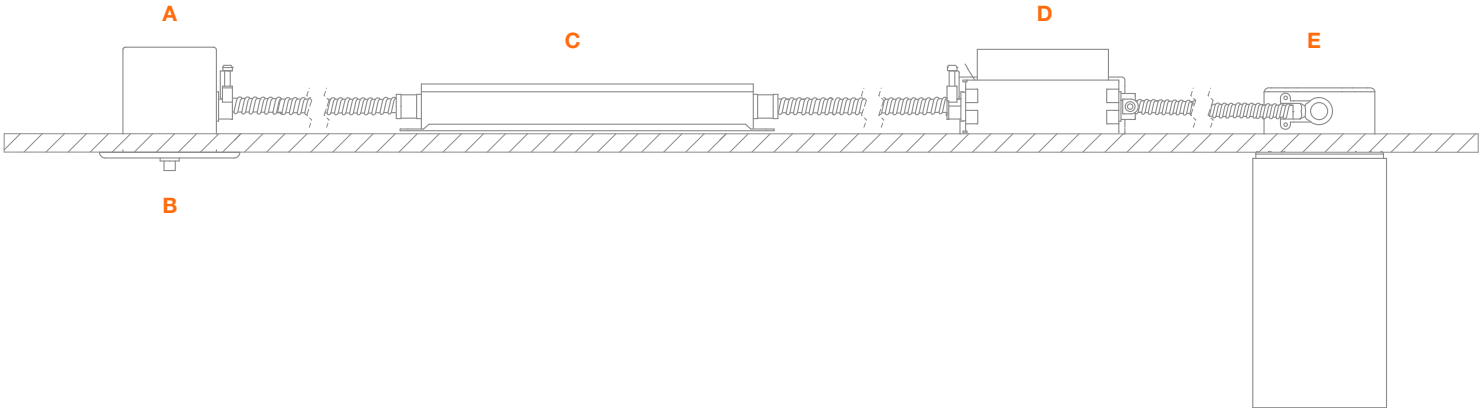
DCCX-J





CYLINDER ACCESSORY DIMENSIONS

Emergency Lighting Kit



	ITEM	LENGTH	WIDTH	HEIGHT
A	Junction Box (not included)	N/A	N/A	N/A
B	Remote Test Switch	4 1/2" [114 mm]	2 3/4" [70 mm]	9/16" [15 mm]
C	Emergency LED Driver (Battery)	10 5/8" [271 mm]	2 5/16" [58 mm]	1 1/2" [38 mm]
D	Cylinder Driver	4 15/16" [126 mm]	3 3/8" [85 mm]	2 11/16" [68 mm]
E	Junction Box (not included)	N/A	N/A	N/A



M Series Cylinder

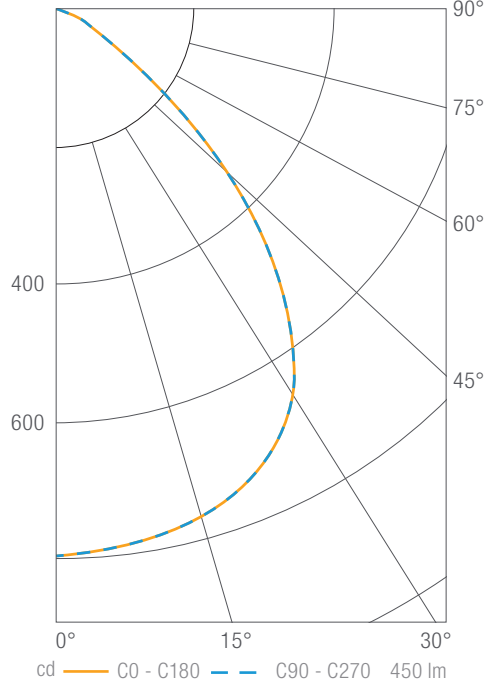
Turtle Friendly Cylinder Lighting

Surface, Cord, Stem, Wall Mount

PHOTOMETRY

DC4xxxxx04GA00000TFxxxxxR

Photometric Distribution

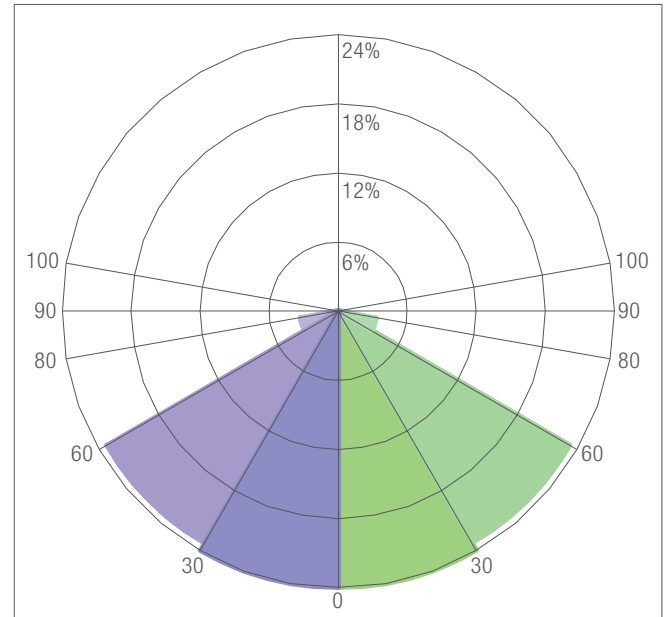


Luminous Intensity

Gamma	C 0°
0°	292
5°	290
10°	285
15°	275
20°	258
25°	232
30°	198
35°	155
40°	113
45°	82
50°	63
55°	46
60°	31
65°	19
70°	13
75°	9
80°	5
85°	2
90°	0

Values in candela

BUG Classification



Percent Luminaire Lumens

Front Low: 23.6%, Medium: 22.8%, High: 3.3%, Very High: 0.3%

Back Low: 23.6%, Medium: 22.8%, High: 3.3%, Very High: 0.3%

Uplight Low: 0.0%, High: 0.0%

Spectrum

