



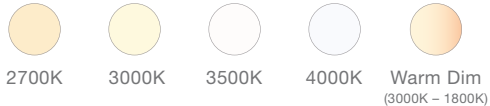

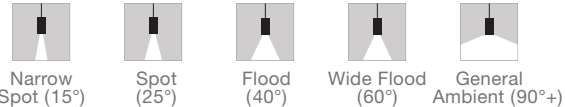
Modern Cylinder System

Project:	Type:
Product Code:	Date:

V101522



- Customize your cylinder with over one million configurations
- 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 750 lm (10W), 1000 lm (12W), 1250 lm (14W), 1500 lm (20W), 2000 lm (28W), 2500 lm (37W), 3000 lm (40W)	Mount Surface, Cord, Stem, Wall
Color Quality 90+ CRI, 2-step SDCM	Size Diameter: 4" Length: Small (4"), Medium (8"), Large (12")
Color Temperature  2700K 3000K 3500K 4000K Warm Dim (3000K - 1800K)	Finish White, Black, Brushed Aluminum, Bronze, Custom Color
Lighting Type  Downlight Up and downlight Adjustable	Stem/Cord Length Standard: 24" or 48", Custom: Up to 156" (Cord), 96" (Stem)
Input 120/277V	Optics  Narrow Spot (15°) Spot (25°) Flood (40°) Wide Flood (60°) General Ambient (90°+)
Emergency Lighting Optional Remote Inverter or Emergency LED Driver for lighting up to 90 minutes in event of power failure	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, Decorative Trim, Low-Profile Decorative Trim, Round Shade, Flat Shade

Standards



Ratings



Guarantee

50,000 hrs | 5 years



PRODUCT BUILDER

CYLINDER		DC4 4" Cylinder			
MOUNT		C2 Cord Mount, 24" T2 Stem Mount, 24" SM Surface Mount	C4 Cord Mount, 48" T4 Stem Mount, 48" WM Wall Mount ²	CC Cord Mount, Custom ¹ TC Stem Mount, Custom ¹	
MOISTURE RATING		S Standard (Damp Location)	W Wet Location ³		
LENGTH		S Small (4")	M Medium (8")	L Large (12")	
LIGHT OPTIONS		D Fixed	A Adjustable ⁴		
LUMENS DOWN ⁵		07 750 lm 20 2000 lm ^{6,7}	10 1000 lm 25 2500 lm ^{6,7}	12 1250 lm ⁶ 30 3000 lm ^{6,7}	15 1500 lm ^{6,7}
OPTICS DOWN		GA General Ambient (90°+) ^{6,8} FL Flood (40°)	NS Narrow Spot (15°) WF Wide Flood (60°) ⁶	SP Spot (25°)	
SPECIALTY LENS OPTIONS DOWN		0 None			
LUMENS UP ^{5,9}		00 None 12 1250 lm ¹⁰	07 750 lm 15 1500 lm ^{7,10}	10 1000 lm 20 2000 lm ^{7,10}	
OPTICS UP ⁹		00 None SP Spot (25°)	GA General Ambient (90°+) ^{8,10} FL Flood (40°)	NS Narrow Spot (15°) WF Wide Flood (60°) ¹⁰	
CCT		27 2700K 40 4000K	30 3000K 3W Warm Dim ¹¹	35 3500K	
FINISH		WH White BZ Bronze	BK Black CC Custom Color	BA Brushed Aluminum	
DRIVER		T TRIAC/ELV (1%)	O 0-10V (1%)	C Lutron EcoSystem LDE1 (1%) ¹²	
EMERGENCY LIGHT		00 None	EM EM, Remote Test Switch ¹³		
TRIM / SHADE DOWN		R Round Beveled Trim L Low Profile Decorative Trim ^{8,14} RBW Round Shade: Black, Warm ¹⁵ FWW Flat Shade: White, Warm ¹⁵ FCC Flat Shade: Custom Color ¹⁵	H Hyperbolic Trim RWC Round Shade: White, Clear ¹⁵ RAC Round Shade: Aluminum, Clear ¹⁵ FBC Flat Shade: Black, Clear ¹⁵	S Snoot RWW Round Shade: White, Warm ¹⁵ RCC Round Shade: Custom Color ¹⁵ FBW Flat Shade: Black, Warm ¹⁵	D Decorative Trim ^{8,14} RBC Round Shade: Black, Clear ¹⁵ FWC Flat Shade: White, Clear ¹⁵ FAC Flat Shade: Aluminum, Clear ¹⁵
TRIM UP ¹⁶		[Blank] N/A S Snoot	R Round Beveled Trim D Decorative Trim ^{8,14}	H Hyperbolic Trim L Low Profile Decorative Trim ^{8,14}	

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, Decorative, or Low Profile Trim

⁴ Only available in 750 or 1000 lm; Damp Location moisture rating; Round Beveled or Hyperbolic trim

⁵ Sum of Lumens cannot be greater than 1250 lm for Small size, 2000 lm for Medium size, 3000 lm for Large size; not available in 1500 lm up & 1500 lm down

⁶ Not available in Adjustable

⁷ Only available in 0-10V or Lutron driver

⁸ Only available in 750 lm, 1000 lm, or 1250 lm

⁹ Only applicable to Medium or Large size Cord or Stem mounts, Large size Wall mounts; Otherwise, select None; Uplight for Cord and Stem Mount cannot be Adjustable

¹⁰ Not available in Adjustable Wall Mount

¹¹ Only available in 1000 lm; not available in Narrow Spot optics

¹² Only available in Large size or Medium with 750 lm, 1000 lm, or 1250 lm total

¹³ Not available in Uplight; TRIAC/ELV driver utilizes micro inverter; 0-10V or EcoSystem drivers utilize EM Kit mounted above ceiling with emergency LED driver & remote test switch

¹⁴ Only available in General Ambient beam spread

¹⁵ Not available in Wall Mount

¹⁶ Only applicable to Wall Mount Up and Downlight, Cord and Stem Mount Uplight utilize specialty trim



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

PRODUCT SUMMARY



Large, black, stem mount with Junction Box Cover shown

SUMMARY

LED: Cree® LED

DELIVERED LUMENS: 750 lm (10.8W), 1000 lm (12.8W), 1500 lm (20W), 2000 lm (28W), 3000 lm (40W)

EFFICACY: 80 lm/W, 85 lm/W, 97 lm/W, 86 lm/W, 79 lm/W, 82 lm/W

COLOR QUALITY: 90+ CRI, 2-step SDCM

CCT: 2700K, 3000K, 3500K, 4000K, Warm Dim

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, 0.13 amps, 0.13 amps, 0.35 amps, 0.35 amps

MAX INPUT CURRENT (277V): 0.04 amps, 0.05 amps, 0.05 amps, 0.15 amps, 0.15 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: ENERGY STAR® qualified*, California Title 24 2019 JA8 compliant, UL Listed for Wet Location (option), IP65 rated (option), UL Certified US·CA, Declare

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.

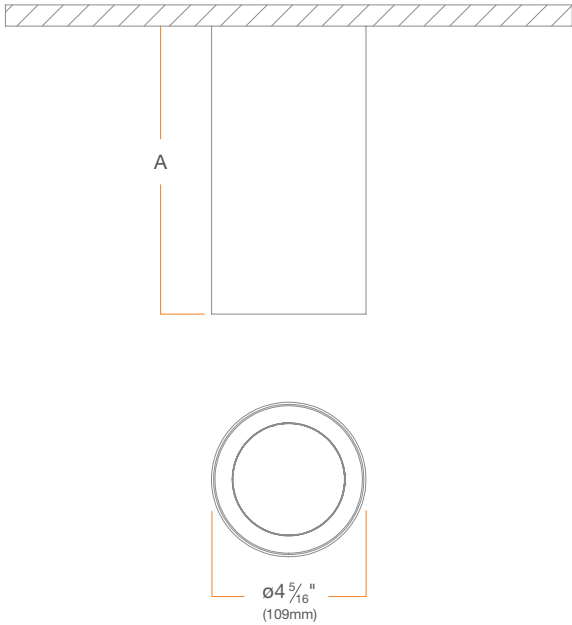
JUNCTION BOX COVERS: Allows up to 4 solid metal conduit branches. Compatible with 4" octagonal and 4" square boxes.

WARRANTY: 5 year limited warranty

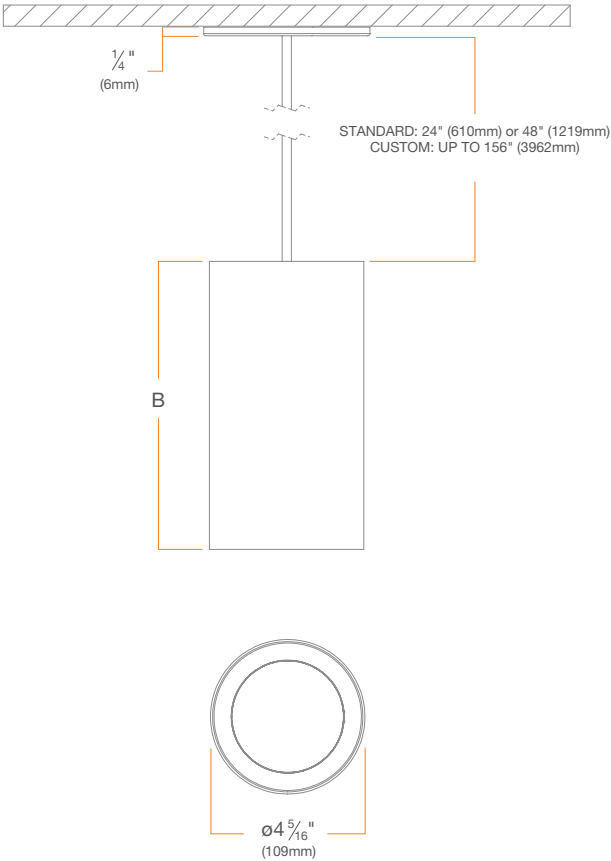
* Refer to ENERGY STAR Certified light fixtures database

CYLINDER DIMENSIONS

**Surface Mount
LED Cylinder**
DC4SM

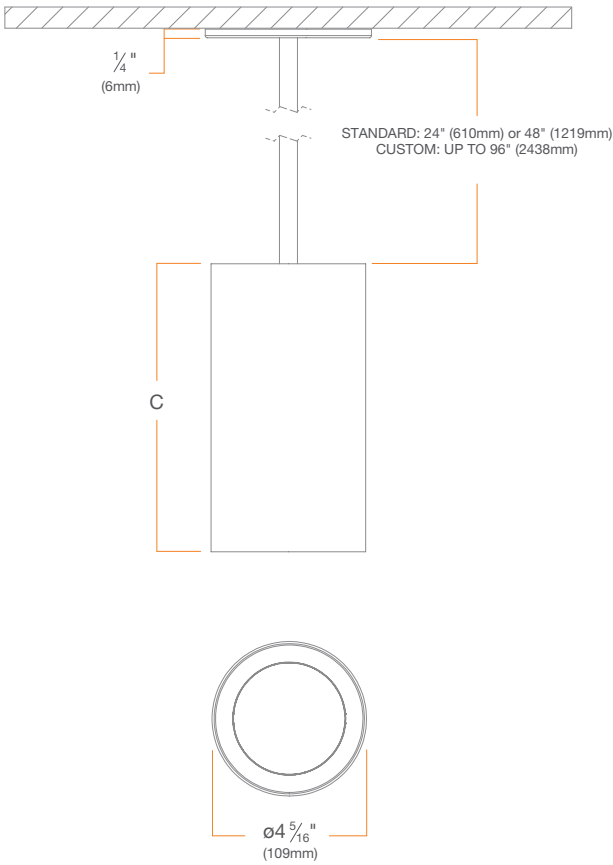
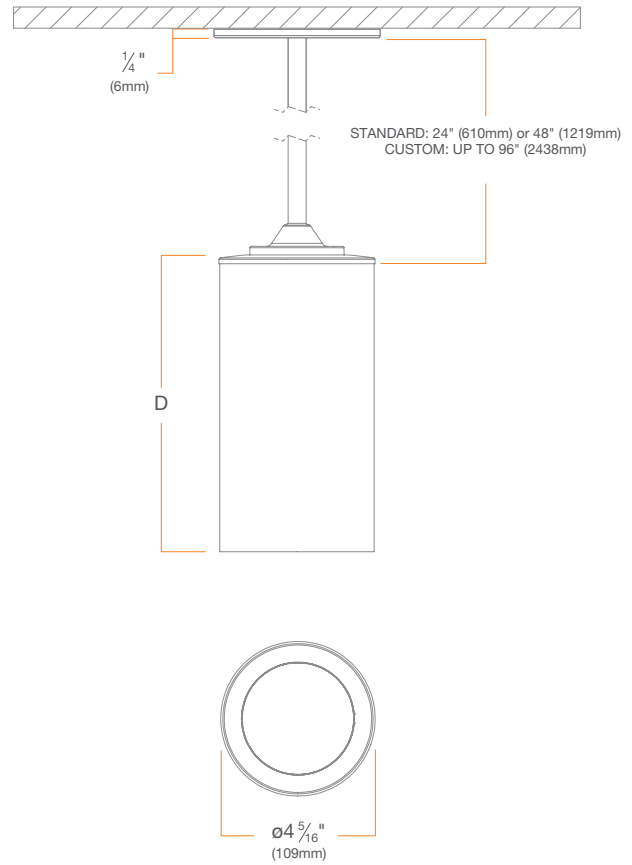


**Cord Mount
LED Cylinder**
DC4C



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]

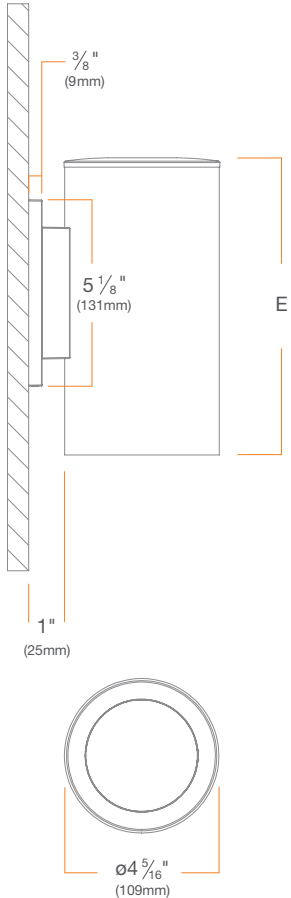
CYLINDER DIMENSIONS
**Stem Mount
LED Cylinder**
DC4T

**Stem Mount, Wet Location
LED Cylinder**
DC4TxW


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

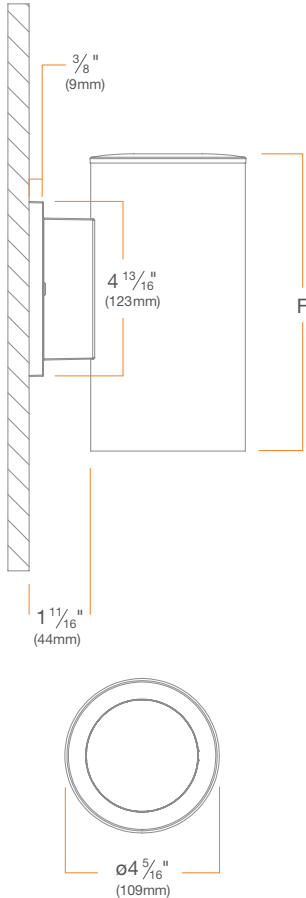
CYLINDER SIZE	D
Small	4 1/4" [108 mm]
Medium	8 1/4" [210 mm]
Large	12 1/4" [311 mm]

CYLINDER DIMENSIONS

Wall Mount Downlight
LED Cylinder
DC4WM



Wall Mount Downlight,
Wet Location LED Cylinder
DC4WMW

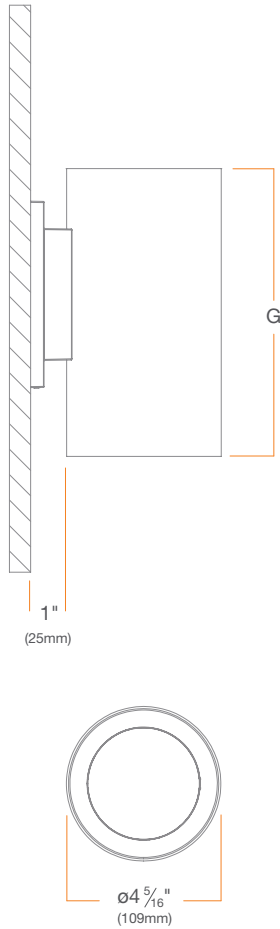


CYLINDER SIZE	E
Medium	8 1/4" [210 mm]
Large	12 1/4" [311 mm]

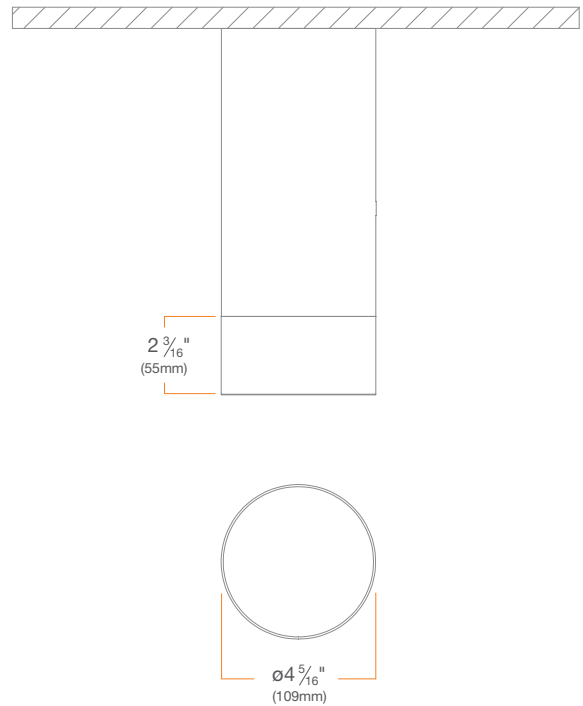
CYLINDER SIZE	F
Medium	8 1/4" [210 mm]
Large	12 1/4" [311 mm]

CYLINDER DIMENSIONS

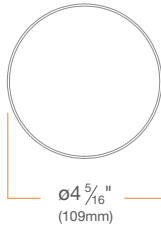
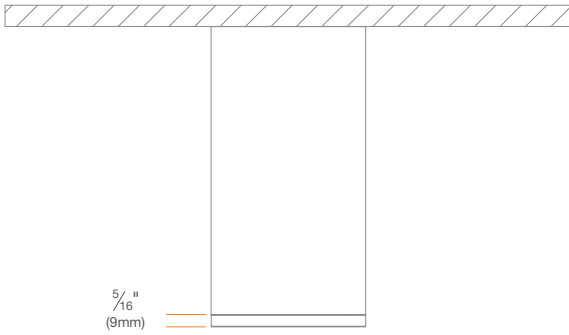
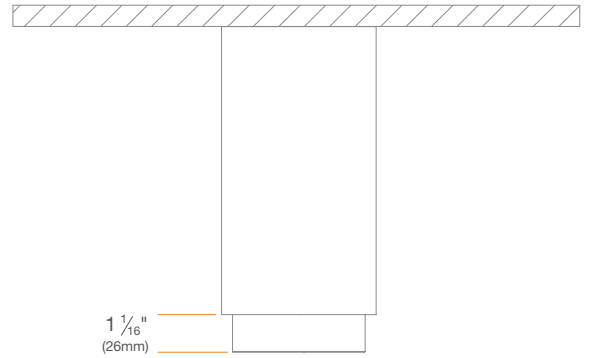
**Wall Mount Up and Downlight
LED Cylinder**
DC4WM

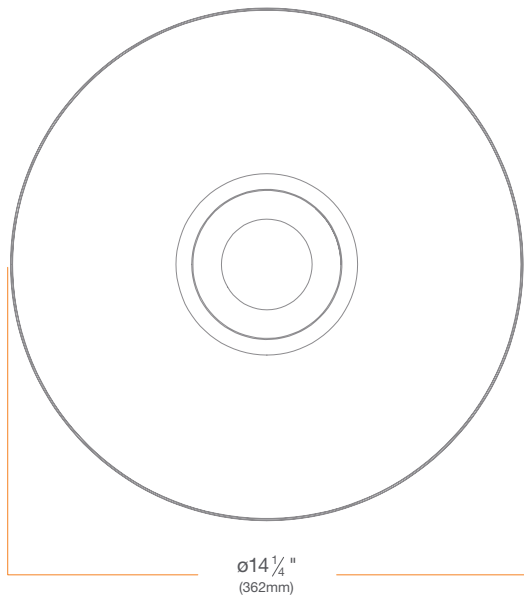
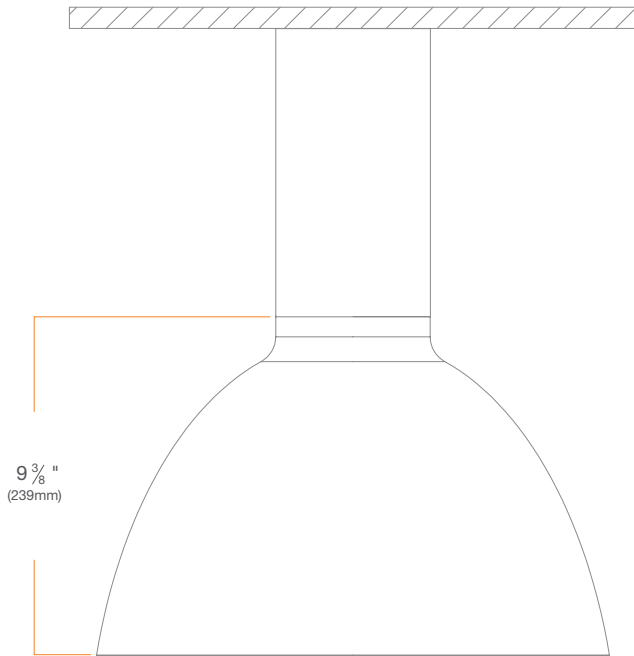
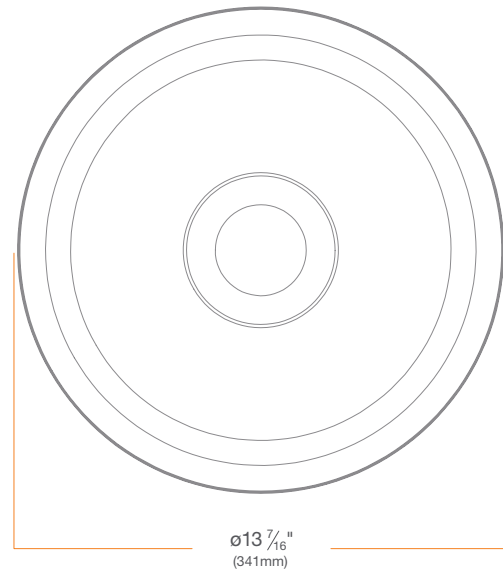
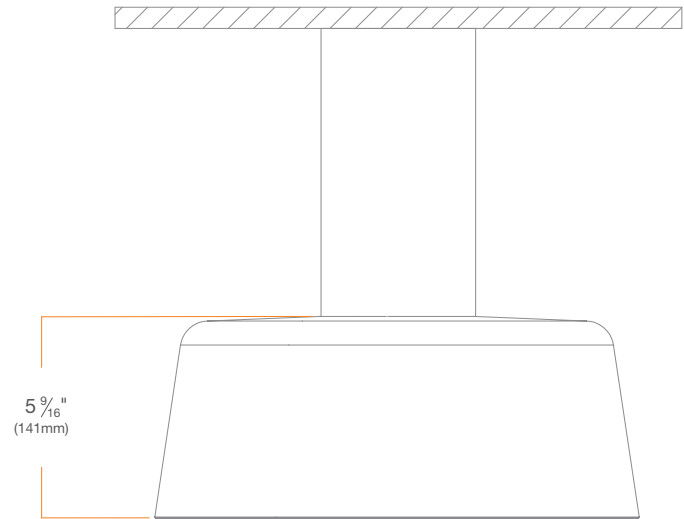


**Decorative
Trim**
DCCX-D



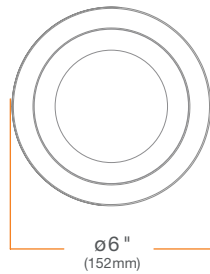
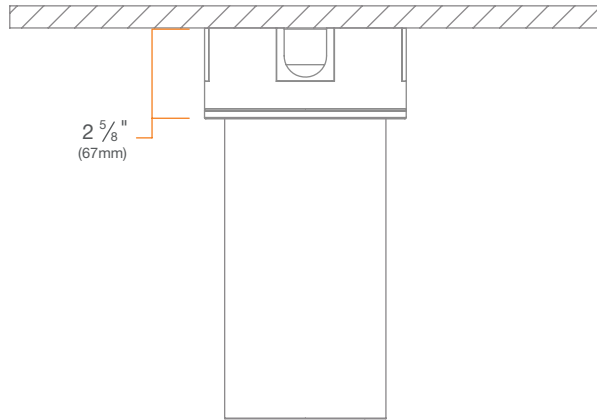
CYLINDER SIZE	G
Medium	8" [203 mm]
Large	12" [305 mm]

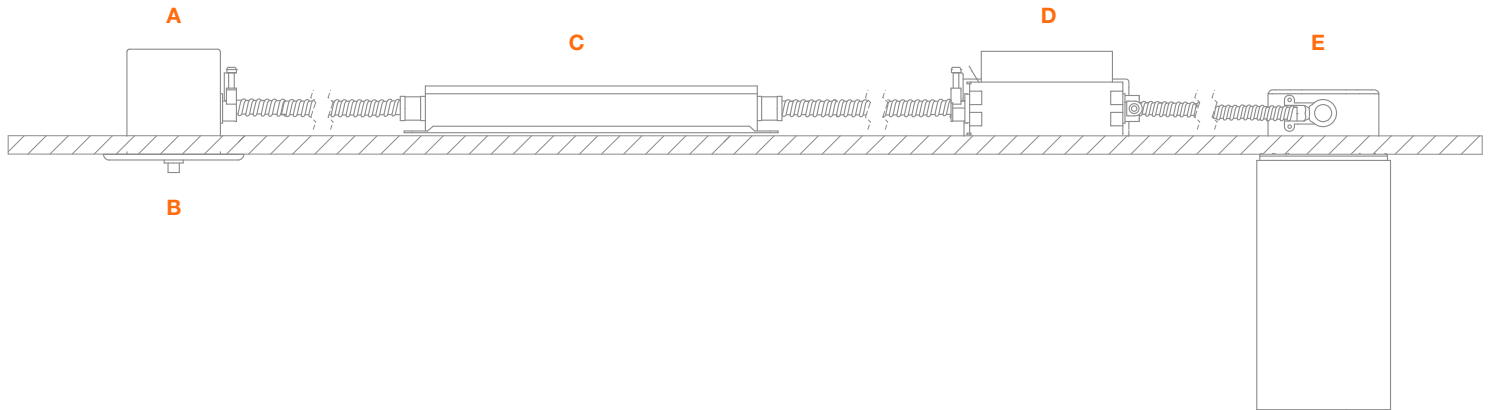
CYLINDER ACCESSORY DIMENSIONS**Low-Profile
Decorative Trim**
DCCX-L**Snoot**
DCCX-S

CYLINDER ACCESSORY DIMENSIONS**Round Shade****DCCX-R****Flat Shade****DCCX-F**

CYLINDER ACCESSORY DIMENSIONS

Junction Box Cover DCCX-J



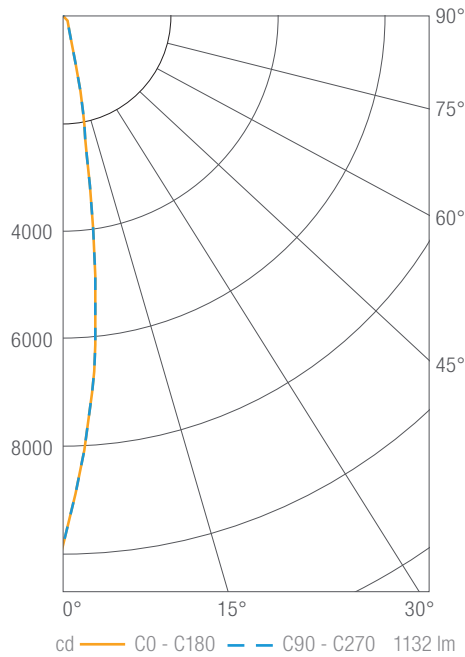
CYLINDER ACCESSORY DIMENSIONS
Emergency Lighting Kit


	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

PHOTOMETRY

DCC Fixed, 1000 lm, 3000K, Narrow Spot

DC4xxxxD10NSxxxxx30



Luminous Intensity

Gamma	C 0°
0°	9823
5°	6600
10°	2335
15°	734
20°	357
25°	244
30°	195
35°	159
40°	116
45°	85
50°	61
55°	42
60°	28
65°	16
70°	7
75°	4
80°	2
85°	1
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	906	80
0-40	1004	89
0-60	1110	98
0-90	1131	100
0-180	1132	100

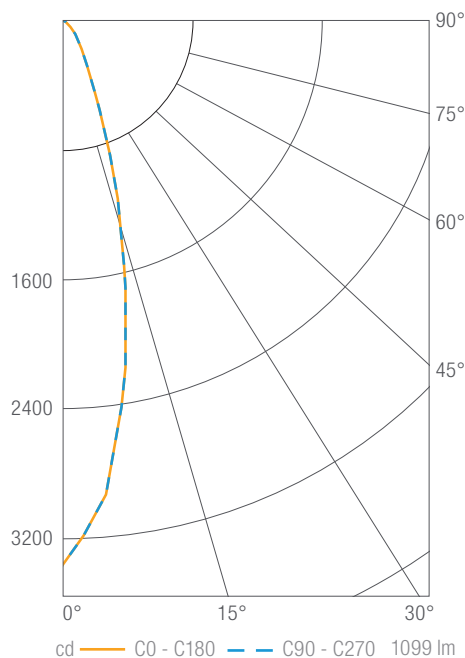
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	1091	0.7'
6'	273	1.5'
9'	121	2.2'
12'	68	2.9'

Beam Angle: 14°

DCC Fixed, 1000 lm, 3000K, Spot

DC4xxxxD10SPxxxxx30



Luminous Intensity

Gamma	C 0°
0°	3366
5°	2967
10°	2203
15°	1391
20°	775
25°	419
30°	248
35°	167
40°	119
45°	87
50°	62
55°	43
60°	26
65°	15
70°	7
75°	4
80°	2
85°	1
90°	0

Values in candela

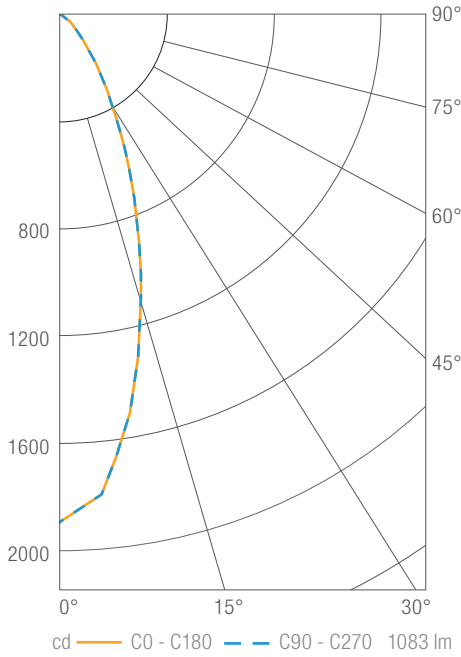
Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	862	78
0-40	971	88
0-60	1078	98
0-90	1098	100
0-180	1099	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	374	1.4'
6'	93	2.8'
9'	42	4.2'
12'	23	5.6'

Beam Angle: 26°

PHOTOMETRY
DCC Fixed, 1000 lm, 3000K, Flood
DC4xxxxD10FLxxxxx30

Luminous Intensity

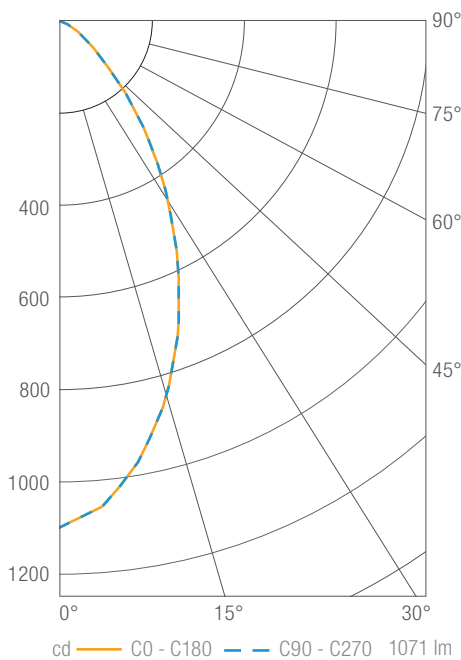
Gamma	C 0°
0°	1890
5°	1792
10°	1503
15°	1161
20°	849
25°	589
30°	391
35°	256
40°	162
45°	107
50°	74
55°	51
60°	30
65°	18
70°	8
75°	5
80°	3
85°	1
90°	0

Values in candela
Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	760	70
0-40	925	85
0-60	1058	98
0-90	1081	100
0-180	1083	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	210	2.0'
6'	52	4.0'
9'	23	6.0'
12'	13	8.0'

Beam Angle: 37°
DCC Fixed, 1000 lm, 3000K, Wide Flood
DC4xxxxD10WFxxxxx30

Luminous Intensity

Gamma	C 0°
0°	1100
5°	1058
10°	973
15°	866
20°	743
25°	609
30°	478
35°	361
40°	252
45°	161
50°	102
55°	68
60°	41
65°	24
70°	11
75°	6
80°	4
85°	2
90°	0

Values in candela
Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	620	58
0-40	845	79
0-60	1037	97
0-90	1069	100
0-180	1071	100

Illuminance Chart

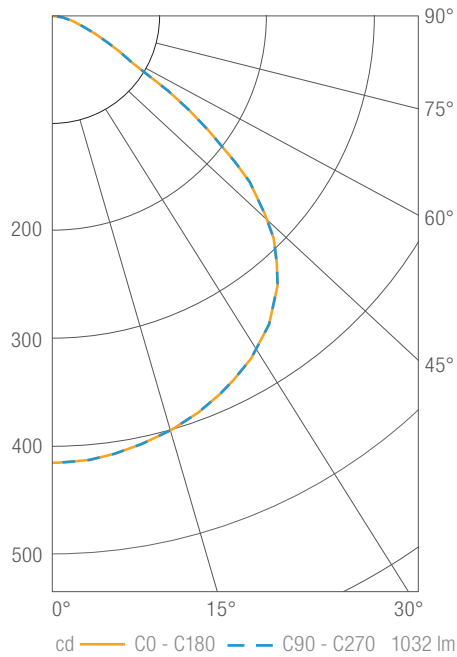
Distance from LED	Foot Candles	Diameter
3'	122	3.1'
6'	31	6.2'
9'	14	9.3'
12'	8	12.3'

Beam Angle: 55°

PHOTOMETRY

DCC Fixed, 1000 lm, 3000K, General Ambient

DC4xxxxD10GAxxxxx30



Luminous Intensity

Gamma	C 0°
0°	416
5°	415
10°	410
15°	403
20°	394
25°	382
30°	369
35°	351
40°	327
45°	291
50°	240
55°	162
60°	84
65°	54
70°	33
75°	21
80°	12
85°	6
90°	1

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	333	32
0-40	557	54
0-60	942	91
0-90	1024	99
0-180	1032	100

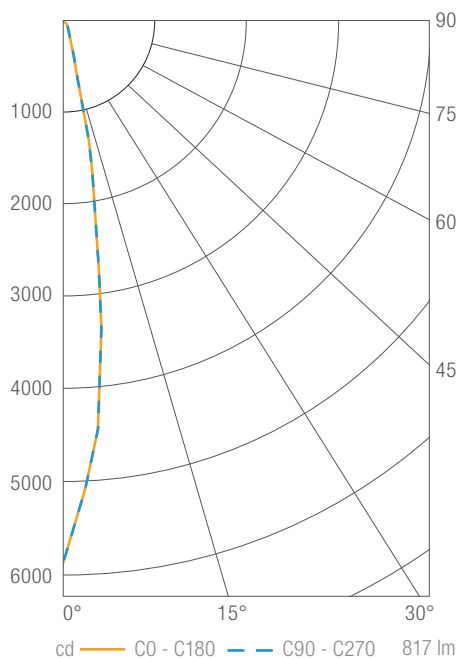
Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	46	7.8'
6'	12	15.5'
9'	5	23.3'
12'	3	31.1'

Beam Angle: 100°

DCC Adjustable, 750 lm, 3000K, Narrow Spot

DC4xxxxA07NSxxxxx30



Luminous Intensity

Gamma	C 0°
0°	5897
5°	4418
10°	1911
15°	561
20°	280
25°	165
30°	117
35°	87
40°	69
45°	57
50°	47
55°	38
60°	31
65°	23
70°	16
75°	10
80°	4
85°	1
90°	0

Values in candela

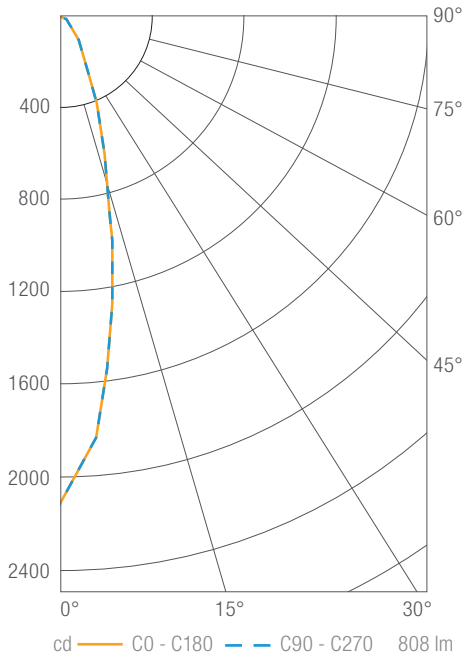
Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	645	79
0-40	701	86
0-60	781	96
0-90	817	100
0-180	817	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	655	0.8'
6'	164	1.7'
9'	73	2.5'
12'	41	3.3'

Beam Angle: 16°

PHOTOMETRY
DCC Adjustable, 750 lm, 3000K, Spot
DC4xxxxA07SPxxxx30

Luminous Intensity

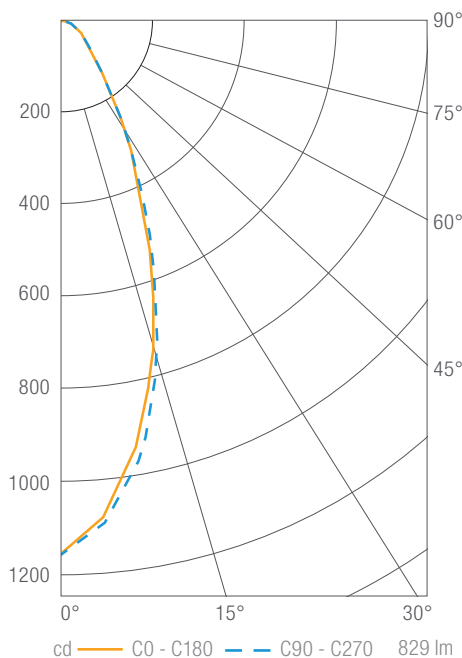
Gamma	C 0°
0°	2105
5°	1826
10°	1282
15°	800
20°	497
25°	310
30°	201
35°	137
40°	98
45°	73
50°	57
55°	45
60°	35
65°	23
70°	12
75°	5
80°	3
85°	2
90°	0

Values in candela
Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	573	71
0-40	668	83
0-60	773	96
0-90	808	100
0-180	808	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	234	1.3'
6'	58	2.6'
9'	26	3.9'
12'	15	5.2'

Beam Angle: 28°
DCC Adjustable, 750 lm, 3000K, Flood
DC4xxxxA07FLxxxx30

Luminous Intensity

Gamma	C 0°
0°	1158
5°	1081
10°	941
15°	765
20°	576
25°	414
30°	288
35°	192
40°	130
45°	96
50°	76
55°	61
60°	49
65°	38
70°	28
75°	18
80°	10
85°	4
90°	0

Values in candela
Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	510	62
0-40	633	76
0-60	766	92
0-90	829	100
0-180	829	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3'	129	2.2'
6'	32	4.5'
9'	14	6.7'
12'	8	9.0'

Beam Angle: 41°