

3" Cylinder

Project:	Type:
Product Code:	Date:

V082525



Decorative Pendant with Shades

- Add a decorative layer of light to your space with three unique shade designs
- Versatile, small diameter pendant mount cylinder with field cuttable cord & stem options
- Embedded drivers allow for down to 0.1% dimming options within the pendant and eliminate need to locate anything above the canopy
- Concealed hardware allows for die-cast aluminum shades to seamlessly integrate into the pendant, resulting in a sleek and symmetrical aesthetic

CYLINDER

Mount

Cord, Stem

Cylinder Size

Diameter: 3.5"
Height: 6.5", 9"

Shade Size

Diameter:
Narrow (5.06"), Medium (7.76"), Wide (10.21")
Height:
Narrow (7.64"), Medium (4.34"), Wide (6.45")

Suspension Length

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

Canopy

Standard

Shades

Narrow, Medium, Wide

Finish

White, Black

LIGHT OUTPUT & DISTRIBUTION

Lumens (Power)

750 lm (9.5W), 1000 lm (12.5W),
1250 lm (14.3W), 1500 lm (14.3W)

Color Quality

93 CRI, 2-step SDCM

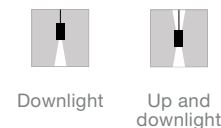
Color Temperature

- 2700K 3000K 3500K
4000K Warm Dim (3000K–1800K)
Tunable White (4000K–1800K)
Tunable White (6500K–2700K)

Beam Spread

- 20° Narrow Spot 30° Spot
40° Flood 50° Wide Flood

Lighting Type



POWER & CONTROLS

Input Voltage

120 / 277V

Dimming

0-10V (120/277V): 1%
TRIAC/ELV (120V): 1%
DALI-2 (120/277V): 0.1%

RATINGS & CERTIFICATIONS

- UL Listed for Damp Location
DarkSky Approved
(Downlight only, CCT less than or equal to 3000K)

WARRANTY

5 year limited warranty; 50,000 hours



PRODUCT BUILDER

EXAMPLE: 3CPR6C2SD07NS0000027WHO000XNW

CYLINDER	3CP	3CP	3" Diameter Pendant Mount Cylinder			
SHAPE	R	R	Round			
SIZE		6	6.5 Inch	9	9 Inch	
SUSPENSION		C	Cord	S	Stem	
LENGTH		2	24"	4	48"	C Custom ¹
CANOPY	S	S	Standard			
LIGHT OPTIONS	D	D	Downlight			
LUMENS DOWN		07	750 lm	10	1000 lm	12 1250 lm 15 1500 lm
BEAM SPREAD DOWN		NS	Narrow Spot (20°)	SP	Spot (30°)	FL Flood (40°) WF Wide Flood (50°)
SPECIALTY LENS		0	None	H	Hex Louver ²	
LUMENS UP ³		00	None [Ⓢ]	07	750 lm	10 1000 lm
		12	1250 lm	15	1500 lm	
BEAM SPREAD UP ³		00	None [Ⓢ]	NS	Narrow Spot (20°)	SP Spot (30°)
		FL	Flood (40°)	WF	Wide Flood (50°)	
CCT		27	2700K [Ⓢ]	30	3000K [Ⓢ]	35 3500K 40 4000K
		3W	Warm Dim ^{Ⓢ,4} (3000K-1800K)	T1	Tunable White ⁵ (4000K-1800K)	T2 Tunable White ⁵ (6500K-2700K)
FINISH		WH	White ●	BK	Black ●	
DIMMING		O	0-10V	T	TRIAC/ELV	D DALI-2 ⁶
EMERGENCY	000	000	None			
SHADES		XNW	Narrow Shade, White	XMW	Medium Shade, White	XWW Wide Shade, White
		XNB	Narrow Shade, Black	XMB	Medium Shade, Black	XWB Wide Shade, Black

LOOSE ACCESSORIES

3CPX-CC	Pendant Custom Length Cord Mount (up to 156")
3CPX-SC	Pendant Custom Length Stem Mount (up to 96")

Ⓢ Required for Dark Sky Compliance

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

² Only available in 750 or 1000 lm; Not available with DALI-2

³ Only available in 9" size

⁴ Only available in 1000 lm; Not available in Narrow Spot beam spread

⁵ Only available in DALI-2 dimming and output of 1000 lm; Not available with Narrow Spot beam spread

⁶ Only available in 1000lm with Warm Dim or Tunable White CCT and 1250lm with Static CCT

SUMMARY

	STATIC CCT	WARM DIM	TUNABLE WHITE
CCT	2700K, 3000K, 3500K, 4000K	3000K - 1800K	4000K - 1800K; 6500K - 2700K
LUMENS	750 lm (9.5W), 1000 lm (12.5W), 1250 lm (14.3W), 1500lm (14.3W)	1000 lm (12.5W)	1000 lm (14.5W)
EFFICACY	79 lm/W, 80 lm/W, 87 lm/W, 105 lm/W	80 lm/W	69 lm/W
COLOR QUALITY	93 CRI ¹ , 2-step SDCM	93 CRI ¹ , 3-step SDCM	93 CRI ¹ , 3-step SDCM
BEAM SPREAD	Narrow Spot (20°), Spot (30°), Flood (40°), Wide Flood (50°)	Spot (30°), Flood (40°), Wide Flood (50°)	Spot (30°), Flood (40°), Wide Flood (50°)
DIMMING	0-10V (120/277V): 1% TRIAC/ELV (120V): 1% DALI-2 (120/277V): 0.1%	0-10V (120/277V): 1% TRIAC/ELV (120V): 1% DALI-2 (120/277V): 0.1%	DALI-2 (120/277V): 0.1%
LED CHIP	Cree	Bridgelux	Bridgelux
LISTINGS	ENERGY STAR [®] qualified ² , California Title 24 2019-2022 JA8-E compliant, UL Listed for Damp Location, UL Certified US-CA, Declare, RoHS compliant, DALI-2 Compliant, Compliant to FCC Title 47 Part 15; Class B, Dark Sky Compliant ³		

¹ Tested in accordance to IESNA LM-79-2008² Refer to ENERGY STAR Certified light fixtures database³ Dark Sky approved is only applicable to CCT Options less than or equal to 3000K

ADDITIONAL

INPUT VOLTAGE: 120/277V, 50/60Hz**MAX INPUT CURRENT (120V):** 0.11 amps**MAX INPUT CURRENT (277V):** 0.05 amps**POWER FACTOR:** Greater than 0.9**TOTAL HARMONIC DISTORTION:** Less than 20%**AMBIENT OPERATING TEMPERATURE:** -20°C to 40°C**LIFETIME:** 50,000 hours at 70% lumen maintenance**WARRANTY:** 5 year limited warranty**CYLINDER:** Extruded aluminum**CYLINDER DIMENSIONS:**

Diameter: 3.5"

Height: 6.5", 9"

SHADE DIMENSIONS:

Diameter: Narrow 5.06", Medium 7.76", Wide 10.21"

Height: Narrow 7.64", Medium 4.34", Wide 6.45"

SUSPENSION: 24" or 48" standard length.

Cord: Custom length up to 156". White or black.

Stem: Custom length up to 96". Painted steel stem with hanging straight endpoint up to 30° tilt (meets CA IR 16-9)

FINISH: White, Black**INSTALLATION:** Standard Canopy compatible with most 3" octagonal, 4" octagonal, 3" round and 4" round boxes

DOWNLIGHT MODULE PERFORMANCE

Based on 93 CRI, 3000K Downlight Module + White Medium Shade (XMW) Configuration

(Please refer to IES files for other shade types)

		STATIC CCT				WARM DIM	T1 TUNABLE WHITE	T2 TUNABLE WHITE
LED CHIP		Cree 93 CRI				Bridgelux 93 CRI		
SDCM		2-STEP				3-STEP		
PN DESIGNATION		07	10	12	15	10	10	10
WATTAGE		9.5W	12.5W	14.3W	14.3W	12.5W	14.5W	14.5W
NS	Lumens	845	1118	1243	1354	N/A		
	LPW ¹	89	89	87	95			
	CBCP ²	4180	5533	6147	6701			
	UGR ³	9.9	10.9	11.3	11.6			
SP	Lumens	778	1029	1144	1247	721	830	813
	LPW	82	82	80	87	58	58	57
	CBCP	2693	3565	3961	4317	2495	2075	2033
	UGR	10.8	11.8	12.1	12.4	10.5	13.7	13.6
FL	Lumens	823	1090	1211	1320	736	865	848
	LPW	87	87	85	92	61	61	59
	CBCP	1788	2366	2630	2296	1656	1615	1583
	UGR	10.7	11.6	12	12.3	10.4	13.4	13.3
WF	Lumens	850	1124	1250	1362	787	948	929
	LPW	89	90	89	95	63	66	665
	CBCP	1231	1630	1811	1974	1141	1512	1782
	UGR	11.6	12.6	13.0	13.3	11.4	13.1	13.1

		STATIC				WARM DIM		T1 TUNABLE WHITE			T2 TUNABLE WHITE		
CCT MULTIPLIER		2700K	3000K	3500K	4000K	1800K	3000K	1800K	3000K	4000K	2700K	3000K	6500K
		0.93	1	1.05	1.07	0.05	1	0.7	1	1.12	0.96	1	1.07

MULTIPLIER	NS	SP	FL	WF
BLACK FINISH	0.98	0.98	0.98	0.98

¹ LPW: Lumens per watt

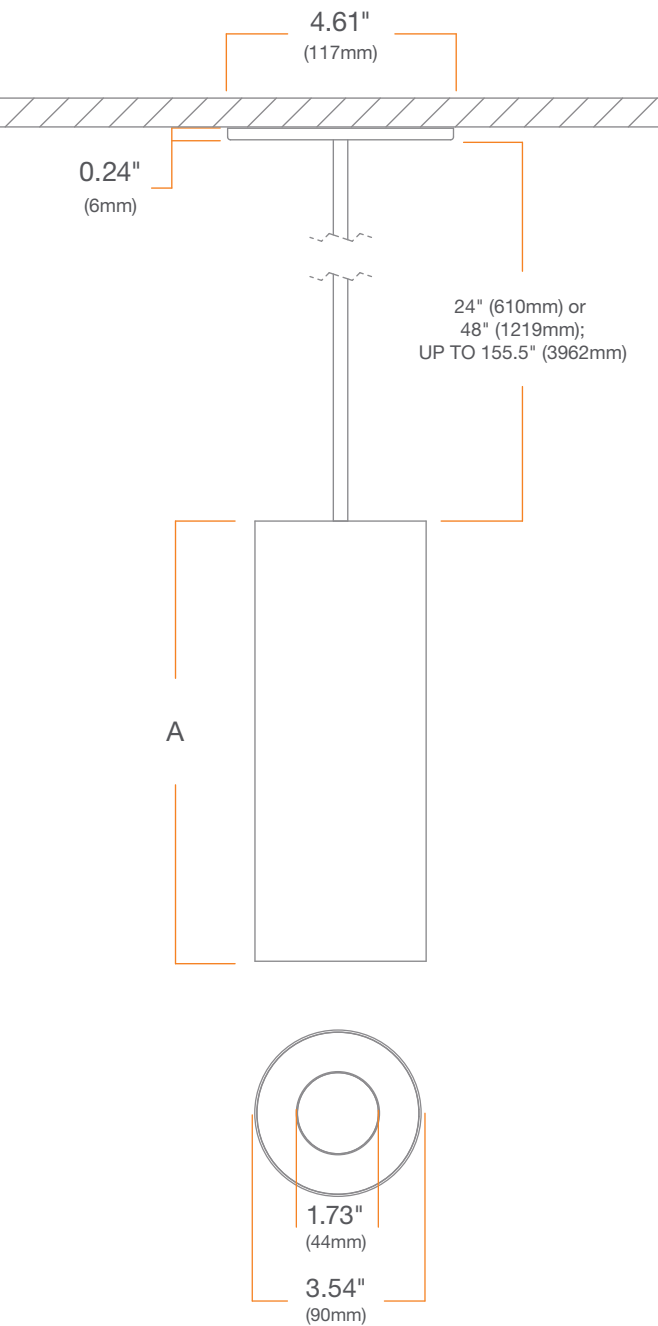
² CBCP: Center beam candlepower

³ UGR: Unified glare ratio (0.7/0.5/0.2, 4H/8H)

CYLINDER DIMENSIONS

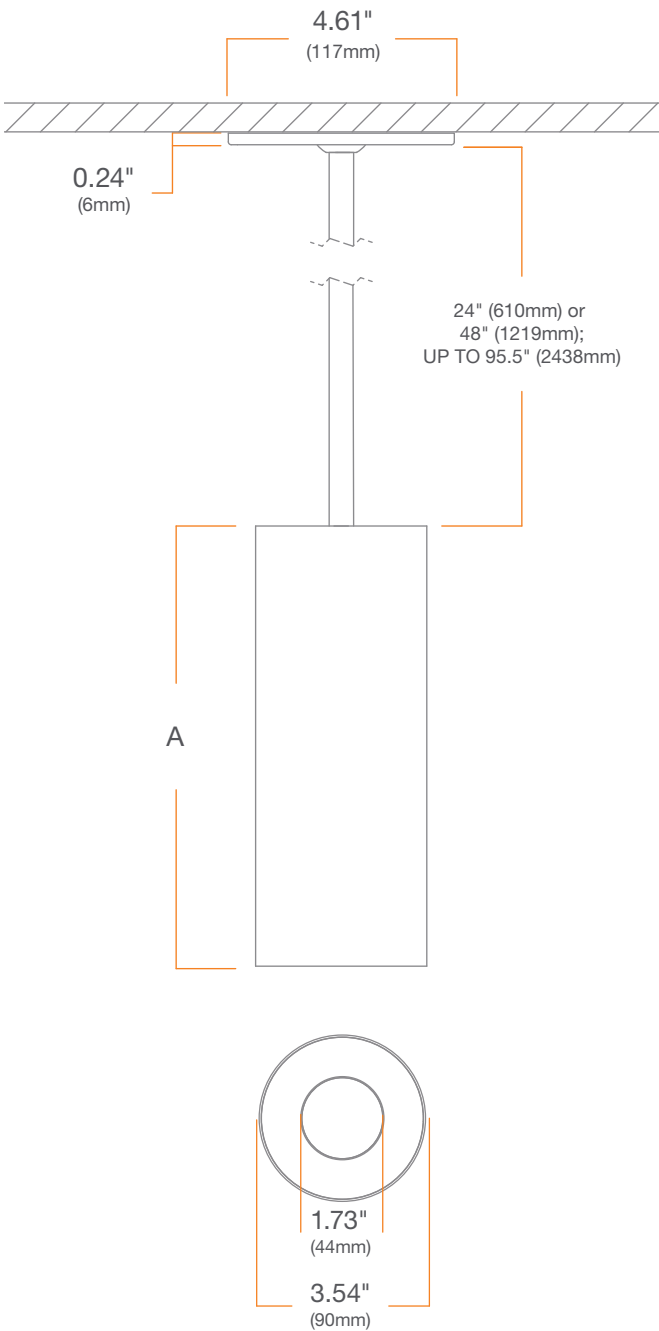
3" Cord Mount

3CPR9C



3" Stem Mount

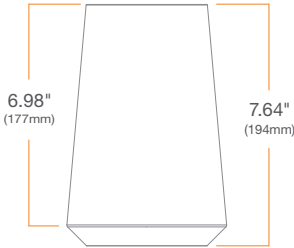
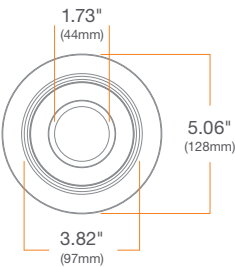
3CPR9S



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

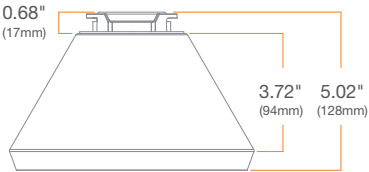
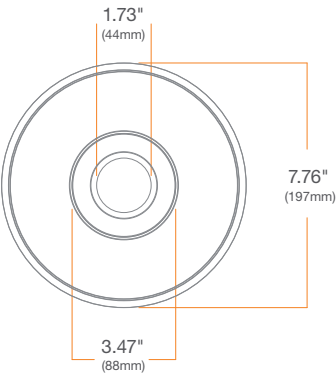
Narrow Shade

XNB



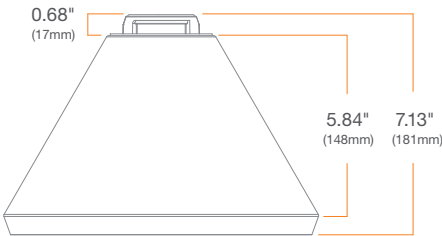
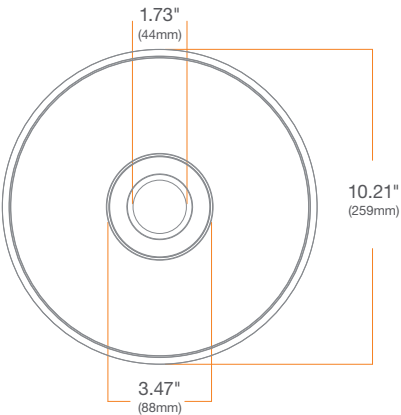
Medium Shade

XMB

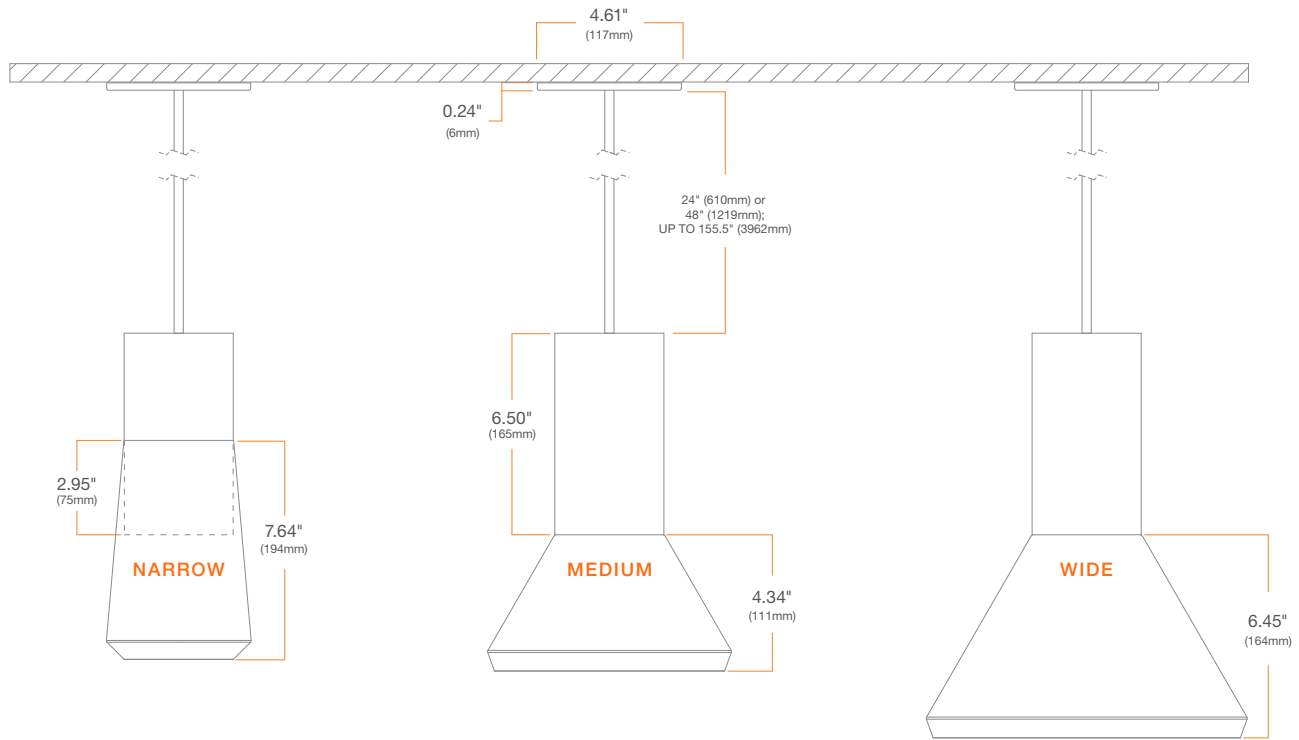


Wide Shade

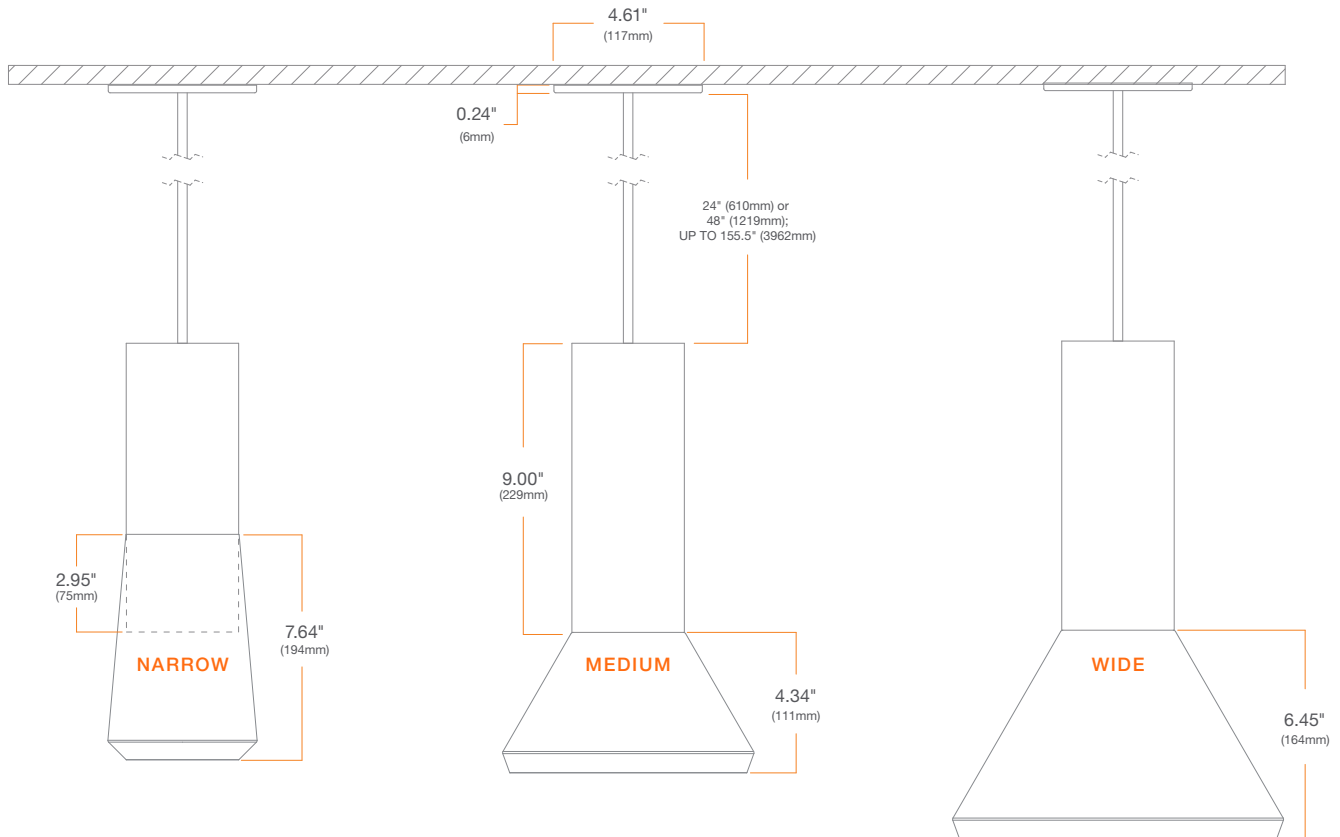
XWB



6.5" Length Cylinder + Shades



9" Length Cylinder + Shades

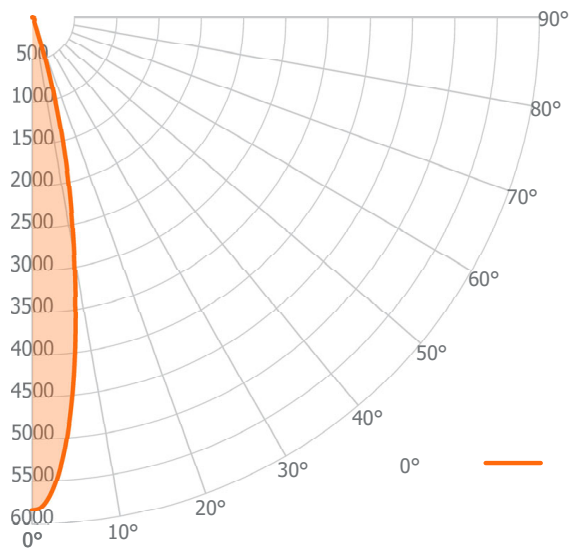


PHOTOMETRY

3" Pendant with White Narrow Shade Fixed, 1000 lm, 3000K, Narrow Spot

3CP-R-X-D-10-NS-0-30-X-XNW

Candela Distribution



Luminous Intensity

	0°
0°	5833
5°	4895
10°	2871
15°	1140
20°	170
25°	59
30°	49
35°	46
40°	43
45°	40
50°	37
55°	32
60°	28
65°	25
70°	21
75°	17
80°	12
85°	4
90°	1

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	750	84%
0° - 40°	779	88%
0° - 60°	839	94%
0° - 90°	886	100%
0° - 180°	889	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	648.1 fc	1.0 ft
6 ft	162.0 fc	2.1 ft
9 ft	72.0 fc	3.1 ft
12 ft	40.5 fc	4.2 ft

Input Watts: 12.5 W

Lumens: 889 lm

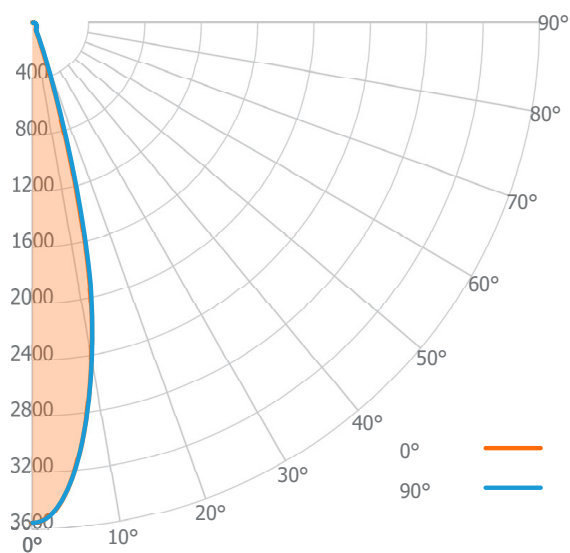
Efficacy: 71 lm/W

Beam Angle: 20°

3" Pendant with White Narrow Shade Fixed, 1000 lm, 3000K, Spot

3CP-R-X-D-10-SP-0-30-X-XNW

Candela Distribution



Luminous Intensity

	0°
0°	3560
5°	3252
10°	2423
15°	1124
20°	256
25°	65
30°	53
35°	49
40°	47
45°	44
50°	40
55°	36
60°	32
65°	28
70°	24
75°	20
80°	14
85°	6
90°	2

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	642	80%
0° - 40°	672	84%
0° - 60°	736	92%
0° - 90°	791	98%
0° - 180°	803	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	395.6 fc	1.4 ft
6 ft	98.9 fc	2.7 ft
9 ft	44.0 fc	4.1 ft
12 ft	24.7 fc	5.5 ft

Input Watts: 12.5 W

Lumens: 803 lm

Efficacy: 64 lm/W

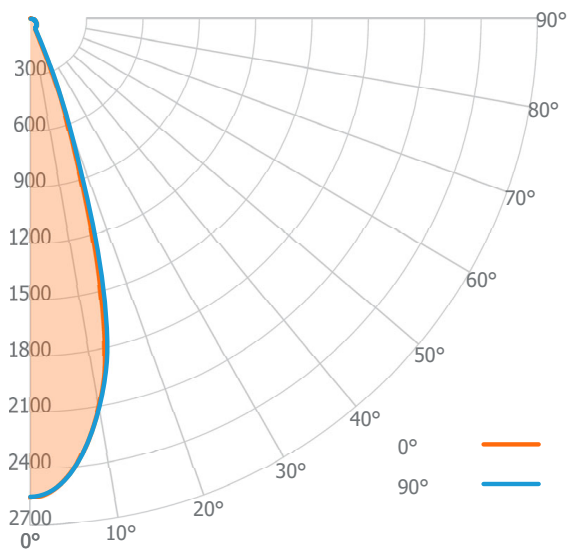
Beam Angle: 26° x 26°

PHOTOMETRY

3" Pendant with White Narrow Shade Fixed, 1000 lm, 3000K, Flood

3CP-R-X-D-10-FL-0-30-X-XNW

Candela Distribution



Luminous Intensity

	0°
0°	2551
5°	2436
10°	2105
15°	1404
20°	554
25°	67
30°	58
35°	55
40°	53
45°	50
50°	45
55°	41
60°	36
65°	32
70°	27
75°	22
80°	15
85°	6
90°	1

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	671	80%
0° - 40°	704	84%
0° - 60°	776	93%
0° - 90°	834	100%
0° - 180°	836	100%

Illuminance Chart

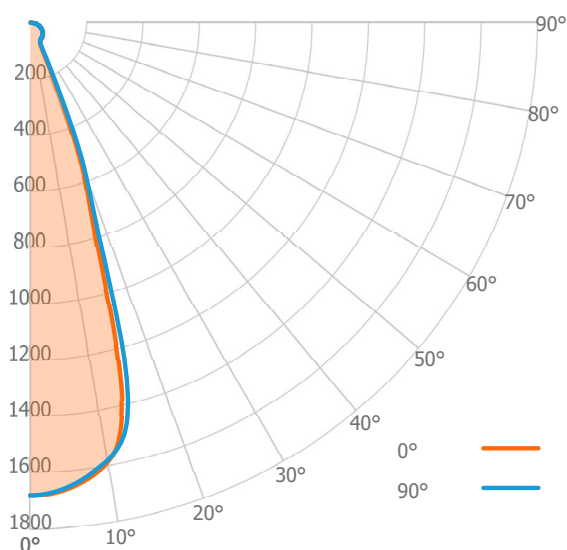
Distance from LED	Foot Candles	Diameter
3 ft	283.5 fc	1.7 ft
6 ft	70.9 fc	3.4 ft
9 ft	31.5 fc	5.0 ft
12 ft	17.7 fc	6.7 ft

Input Watts: **12.5 W**
 Lumens: **836 lm**
 Efficacy: **67 lm/W**
 Beam Angle: **31° x 32°**

4" Pendant with White Narrow Shade Fixed, 1000 lm, 3000K, Wide Flood

3CP-R-X-D-10-WF-0-30-X-XNW

Candela Distribution



Luminous Intensity

	0°
0°	1682
5°	1661
10°	1589
15°	1175
20°	525
25°	88
30°	74
35°	70
40°	68
45°	64
50°	59
55°	54
60°	48
65°	42
70°	36
75°	28
80°	19
85°	7
90°	1

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	547	71%
0° - 40°	590	77%
0° - 60°	686	89%
0° - 90°	764	100%
0° - 180°	766	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	186.9 fc	1.8 ft
6 ft	46.7 fc	3.6 ft
9 ft	20.8 fc	5.4 ft
12 ft	11.7 fc	7.2 ft

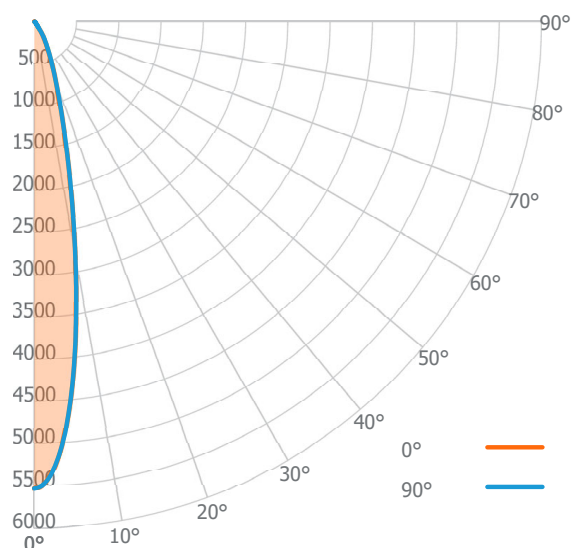
Input Watts: **12.5 W**
 Lumens: **766 lm**
 Efficacy: **61 lm/W**
 Beam Angle: **33° x 35°**

PHOTOMETRY

3" Pendant with White Medium Shade Fixed, 1000 lm, 3000K, Narrow Spot

3CP-R-X-D-10-NS-0-30-X-XMW

Candela Distribution



Luminous Intensity

	0°
0°	5533
5°	4671
10°	2802
15°	1408
20°	744
25°	424
30°	246
35°	97
40°	42
45°	25
50°	18
55°	15
60°	13
65°	11
70°	9
75°	7
80°	6
85°	3
90°	1

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	986	88%
0° - 40°	1058	95%
0° - 60°	1092	98%
0° - 90°	1114	100%
0° - 180°	1118	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	614.7 fc	1.1 ft
6 ft	153.7 fc	2.1 ft
9 ft	68.3 fc	3.2 ft
12 ft	38.4 fc	4.3 ft

Input Watts: 12.5 W

Lumens: 1118 lm

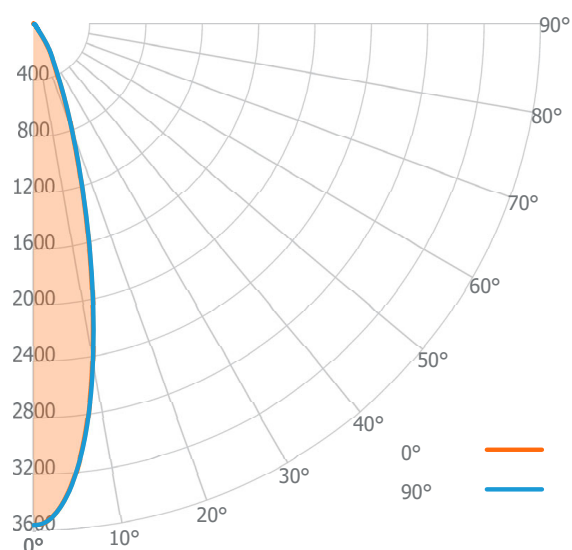
Efficacy: 89 lm/W

Beam Angle: 20°

3" Pendant with White Medium Shade Fixed, 1000 lm, 3000K, Spot

3CP-R-X-D-10-SP-0-30-X-XMW

Candela Distribution



Luminous Intensity

	0°
0°	3565
5°	3255
10°	2423
15°	1467
20°	793
25°	426
30°	256
35°	107
40°	41
45°	26
50°	20
55°	17
60°	15
65°	12
70°	10
75°	8
80°	6
85°	3
90°	1

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	891	87%
0° - 40°	967	94%
0° - 60°	1003	97%
0° - 90°	1026	100%
0° - 180°	1029	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	396.1 fc	1.4 ft
6 ft	99.0 fc	2.8 ft
9 ft	44.0 fc	4.2 ft
12 ft	24.8 fc	5.7 ft

Input Watts: 12.5 W

Lumens: 1029 lm

Efficacy: 82 lm/W

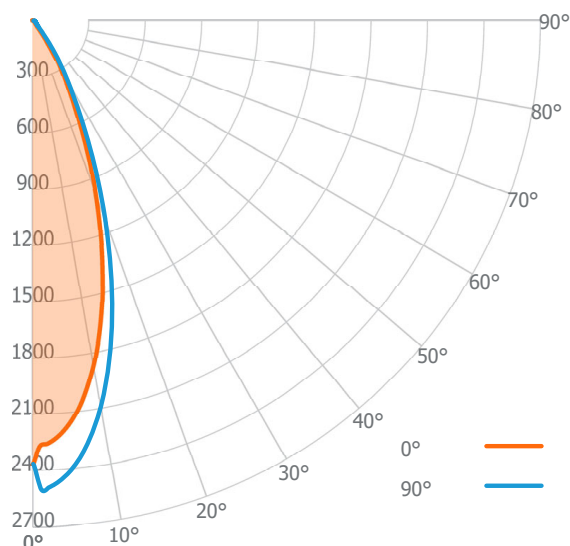
Beam Angle: 27° x 27°

PHOTOMETRY

3" Pendant with White Medium Shade Fixed, 1000 lm, 3000K, Flood

3CP-R-X-D-10-FL-0-30-X-XMW

Candela Distribution



Luminous Intensity

	0°
0°	2367
5°	2169
10°	1872
15°	1444
20°	986
25°	584
30°	322
35°	124
40°	35
45°	23
50°	18
55°	16
60°	14
65°	11
70°	9
75°	8
80°	6
85°	3
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	930	85%
0° - 40°	1031	95%
0° - 60°	1065	98%
0° - 90°	1087	100%
0° - 180°	1090	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	263.0 fc	1.8 ft
6 ft	65.7 fc	3.7 ft
9 ft	29.2 fc	5.5 ft
12 ft	16.4 fc	7.4 ft

Input Watts: 12.5 W

Lumens: 1090 lm

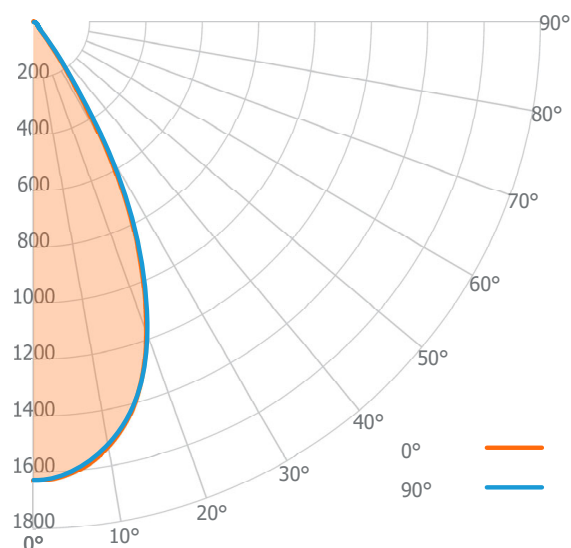
Efficacy: 87 lm/W

Beam Angle: 34° x 37°

3" Pendant with White Medium Shade Fixed, 1000 lm, 3000K, Wide Flood

3CP-R-X-D-10-WF-0-30-X-XMW

Candela Distribution



Luminous Intensity

	0°
0°	1630
15°	1399
30°	509
45°	25
60°	14
75°	8
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	931	83%
0° - 40°	1064	95%
0° - 60°	1099	98%
0° - 90°	1122	100%
0° - 180°	1124	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	181.1 fc	2.9 ft
6 ft	45.3 fc	5.8 ft
9 ft	20.1 fc	8.7 ft
12 ft	11.3 fc	11.6 ft

Input Watts: 12.5 W

Lumens: 1124 lm

Efficacy: 90 lm/W

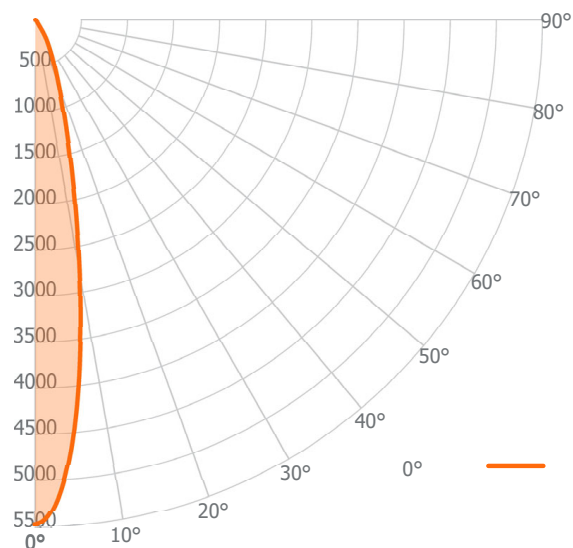
Beam Angle: 52° x 52°

PHOTOMETRY

3" Pendant with White Wide Shade Fixed, 1000 lm, 3000K, Narrow Spot

3CP-R-X-D-10-NS-0-30-X-XWW

Candela Distribution



Luminous Intensity

	0°
0°	5474
5°	4613
10°	2776
15°	1409
20°	753
25°	427
30°	246
35°	67
40°	33
45°	21
50°	17
55°	14
60°	12
65°	10
70°	8
75°	6
80°	5
85°	2
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	984	90%
0° - 40°	1042	95%
0° - 60°	1073	98%
0° - 90°	1091	100%
0° - 180°	1095	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	608.2 fc	1.1 ft
6 ft	152.0 fc	2.1 ft
9 ft	67.6 fc	3.2 ft
12 ft	38.0 fc	4.3 ft

Input Watts: 12.5 W

Lumens: 1095 lm

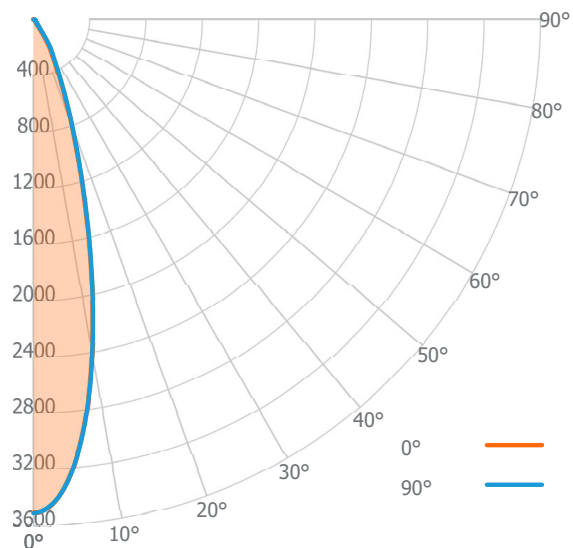
Efficacy: 88 lm/W

Beam Angle: 20°

3" Pendant with White Wide Shade Fixed, 1000 lm, 3000K, Spot

3CP-R-X-D-10-SP-0-30-X-XWW

Candela Distribution



Luminous Intensity

	0°
0°	3511
5°	3209
10°	2401
15°	1464
20°	790
25°	418
30°	245
35°	72
40°	30
45°	22
50°	19
55°	15
60°	12
65°	10
70°	8
75°	6
80°	5
85°	2
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	885	89%
0° - 40°	945	95%
0° - 60°	977	98%
0° - 90°	996	100%
0° - 180°	999	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	390.1 fc	1.4 ft
6 ft	97.5 fc	2.9 ft
9 ft	43.3 fc	4.3 ft
12 ft	24.4 fc	5.7 ft

Input Watts: 12.5 W

Lumens: 999 lm

Efficacy: 80 lm/W

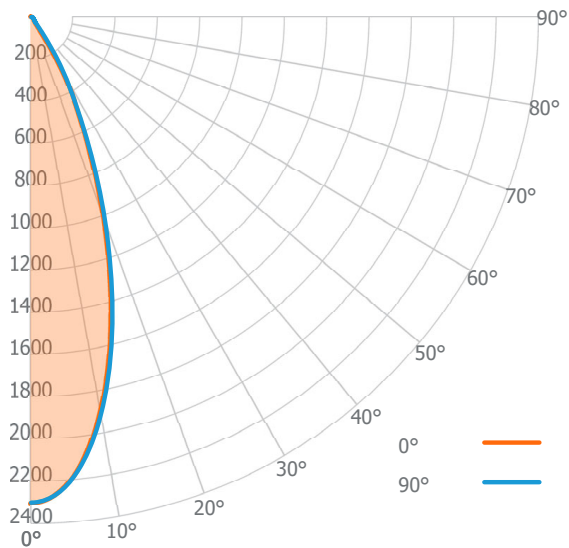
Beam Angle: 27°

PHOTOMETRY

3" Pendant with White Wide Shade Fixed, 1000 lm, 3000K, Flood

3CP-R-X-D-10-FL-0-30-X-XWW

Candela Distribution



Luminous Intensity

	0°
0°	2304
5°	2199
10°	1898
15°	1467
20°	1002
25°	592
30°	316
35°	65
40°	29
45°	23
50°	20
55°	16
60°	14
65°	11
70°	9
75°	7
80°	5
85°	2
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	918	86%
0° - 40°	1008	95%
0° - 60°	1041	98%
0° - 90°	1061	100%
0° - 180°	1064	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	256.0 fc	2.0 ft
6 ft	64.0 fc	4.0 ft
9 ft	28.4 fc	6.0 ft
12 ft	16.0 fc	8.0 ft

Input Watts: 12.5 W

Lumens: 1064 lm

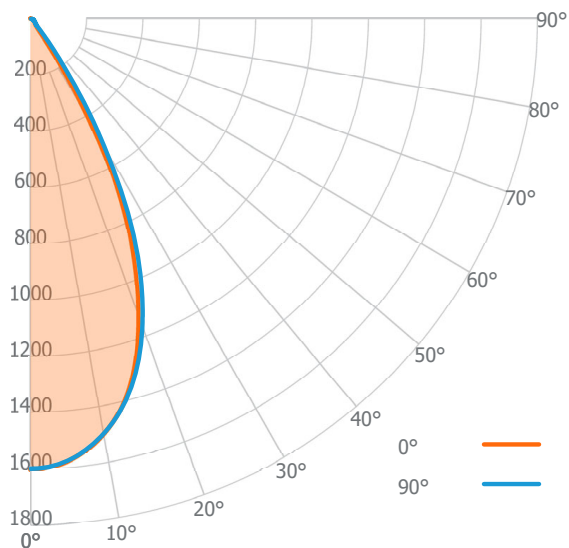
Efficacy: 85 lm/W

Beam Angle: 37° x 37°

3" Pendant with White Wide Shade Fixed, 1000 lm, 3000K, Wide Flood

3CP-R-X-D-10-WF-0-30-X-XWW

Candela Distribution



Luminous Intensity

	0°
0°	1601
15°	1359
30°	433
45°	24
60°	14
75°	8
90°	0

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0° - 30°	903	82%
0° - 40°	1039	94%
0° - 60°	1075	98%
0° - 90°	1098	100%
0° - 180°	1101	100%

Illuminance Chart

Distance from LED	Foot Candles	Diameter
3 ft	177.9 fc	2.8 ft
6 ft	44.5 fc	5.7 ft
9 ft	19.8 fc	8.5 ft
12 ft	11.1 fc	11.4 ft

Input Watts: 12.5 W

Lumens: 1101 lm

Efficacy: 88 lm/W

Beam Angle: 51° x 52°