

Project Name: _____ Type: _____ Quantity: _____

INTENDED USE

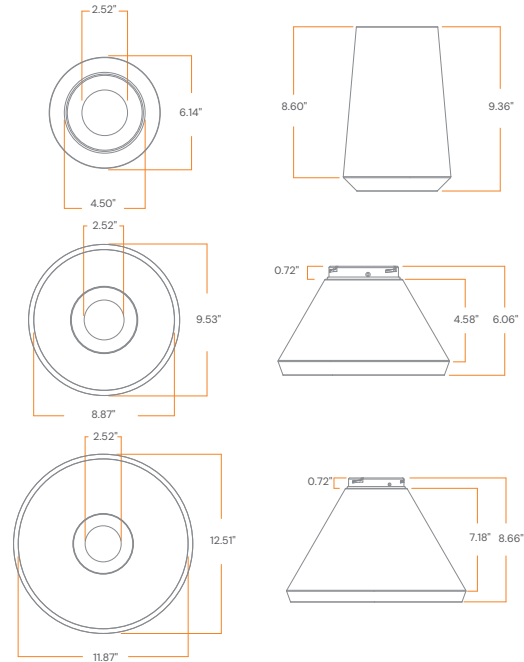
Our advanced cylindrical LED downlight can be built for pendant, wall, or ceiling surface mounting, making it an extremely versatile product. This light is available with lumen outputs ranging from 750 lm (10W) up to 2000 lm (28W). Though built for commercial-grade applications, with its many trim styles, this durable fixture is also used in residential installations.

PRODUCT FAMILY

- 12302-P** | Pendant **12302-P-TGS** | Pendant Telescopic Glare Shield
- 12302-W** | Wall **12302-P-DM** | Pendant Half Moon Dome
- 12302-S** | Surface **12302-P-DP** | Pendant Pan Dome
- 12302-P-DL** | Pendant Tall & Short Drop Lens

FEATURES

- Construction:** Die-cast extruded aluminum body
- Light Direction:** Choose from fixed or adjustable
- Optics:** 15° / 25° / 40° fixed or adjustable beam spread options. 60° is available only for fixed. Note that the only optic available for the 4" 1000 lm downlight is 90° general ambient. Optics can be field-changed on the adjustable model only.
- Pendant Mounting:** 24" Cord (CM24) is standard. Other size cords and stems are available.
- Junction Box:** Installs in most 3" / 4" octagonal and 3" / 4" round boxes
- Voltage:** 120-277V 50/60 Hz
- CRI:** 90+, 2-step SDCM
- Life:** 50,000 hours
- Operating Temperature:** -4°F to 104°F (-20°C to 40°C)
- Power Factor:** >.9
- Total Harmonic Distortion:** Less than 20%
- Emergency:** Mounted remote inverter (90 minutes)
- Warranty:** 5 years carefree for parts and components (labor not included)
- Listings:** cULus listed, Energy Star qualified, Title 24 JA8 compliant, Damp location rated is standard, IP54 rated for wet locations is optional



ORDERING INFORMATION Example:

Model	Trim	Size	Wattage Lumens	Color Temp	Optics	Pendant Mount	Driver	Finish	Reflector	Options
12302-PDM	NSH Narrow Shade	4IH 4" Tall	Direct ↓ D7L 9.5W 750 lm	27K 2700K	FB15 Fixed 15° Beam Spread	AC2³ 2' Cord	TE Std TRIAC/ELV	WH Std White	WH White	XEM5¹ 5 Watt Emergency
		8IH 8" Tall	D10L 12.5W 1000 lm	30K 3000K	FB25 Fixed 25° Beam Spread	ST2 2' Stem	D10 0-10V	BK Black	BK Black	Battery (External)
	MSH Medium Shade	12IH 12" Tall	D15L 14.3W 1500 lm	35K 3500K	FB40 Fixed 40° Beam Spread	ACAC³ Custom Cord Up to 156"	LHL⁴ Lutron Hi-Lume 1%			WL Wet Location (IP54 Rated) Outdoor Rated
		WSH Wide Shade	D20L¹ 24.5W 2000 lm	40K 4000K	FB60 Fixed 60° Beam Spread	STAC³ Custom Stem Up to 96"				HLV⁵ Hexcell Louver
	SHade		Direct & Indirect ↕↔			FB90² Fixed 90° Beam Spread				JBC¹⁰ J-Box Cover
			D7I7L⁶ 19W 750 lm↕ / 750 lm↔		AB15 Adjustable 15° Beam Spread					
			D10I7L⁶ 22W 1000 lm↕ / 750 lm↔		AB25 Adjustable 25° Beam Spread					
			D10I10L⁶ 25W 1000 lm↕ / 1000 lm↔		AB40 Adjustable 40° Beam Spread					

¹ Only available for 8 and 12 Inch models with 0-10V dimming

² Available only for 4", 1000 lm

³ Wet Location option not available for cord mount (applicable with stem mount)

⁴ Only Available for 8 and 12 Inch models

⁵ Available only for adjustable optics

⁶ Available only 8" and 12"

⁷ Wet Location option not available for cord pendant mount (applicable with stem pendant mount)

⁸ Only applicable with Beveled and Tall 2-1/4" Drop Lens trims

⁹ Not applicable with Direct/Indirect lighting


¹⁰ J-Box Cover to match finish specified

JUNCTION BOX COVER












AVAILABLE CUSTOM FINISHES





Metropolitan

	08	Urban Native	RAL #8025
	09	Military Green	RAL #6011
	10	Carmin	RAL #8028
	11	Chocolate Spice	RAL #8017
	12	Asher Grey	RAL #7004
	13	Tech Grey	RAL #7016
	14	Slate	RAL #7031
	15	Mason	RAL #7039

Vibrant

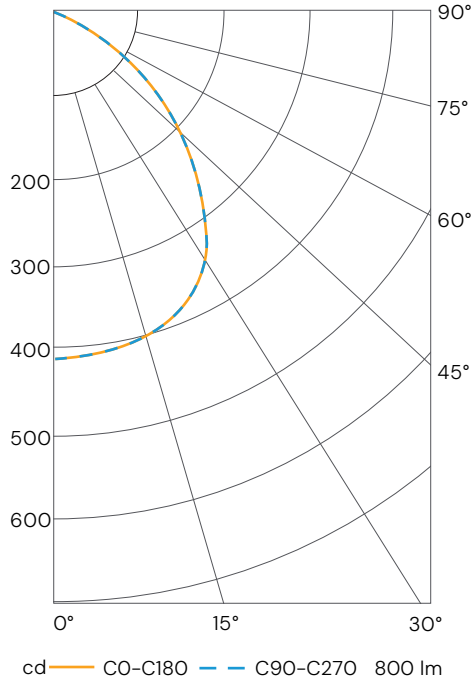
	16	Violet Dreams	RAL #4006
	17	Sangria Sunset	RAL #2004
	18	Deep Pink	RAL #4010
	19	Ruby Red	RAL #3027
	20	Island Skye	RAL #6027
	21	Sophia	RAL #5015
	22	Antique Spring	RAL #6019
	23	Daisy	RAL #1018
	24	Gun Metal	RAL #7024

RECOMMENDED DIMMERS

Brand	Series	Model Number	750lm Max Load	1000lm Max Load
	Adorne	ADTP703TU	10	9
	Control 4	C4-APD120	25	20
	Decorator	DLC03P, DAL06P	35	30
	Caseta	PD-6WCL	12	10
	CL Series	AYCL-153, CTCL-153, DVCL-153, LGCL-513, SCL-153, TGCL-513	20	15
	CL Series	AYCL-253, DVCL-253	20	15
	Grafik Eye 3000	QSGR-3P	30	25
	Grafik Sys / Homeworks	RPM-4U	30	25
	Grafik Sys / Homeworks	RPM-4A	25	20
	Maestro CL	MACL-153M, MSCL- OPI53M, MSCL-VP153M	12	10
	Maestro Wireless	MRF2-6ELV, MRF2-6CL	12	10

PHOTOMETRICS

12302 Cord Mount, Medium, 750 lm, 93 CRI, 3000K, White | 12302-8-750L-30K-CM24-WH



Luminous Intensity

Gamma	C O°
0°	413
5°	411
10°	407
15°	401
20°	392
25°	378
30°	354
35°	315
40°	261
45°	195
50°	131
55°	86
60°	57
65°	37
70°	20
75°	10
80°	5
85°	2
90°	0

Values in candela

Zonal Lumen Summary

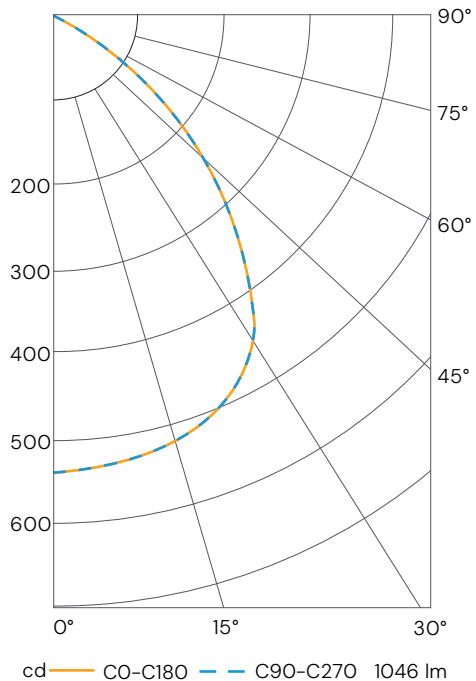
Zone	Lumens	Luminaire %
0-30	326	41
0-40	521	65
0-60	750	94
0-90	800	100
0-180	800	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
2.5'	66	4.9'
5.0'	17	9.7'
7.5'	7	14.5'
9.0'	5	17.4'

Beam Angle: 88°

12302 Cord Mount, Medium, 1000 lm, 93 CRI, 3000K, White | 12302-8-1000L-30K-CM24-WH



Luminous Intensity

Gamma	C O°
0°	540
5°	537
10°	532
15°	523
20°	510
25°	492
30°	461
35°	411
40°	342
45°	256
50°	172
55°	113
60°	74
65°	48
70°	27
75°	13
80°	6
85°	2
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	425	41
0-40	679	65
0-60	980	94
0-90	1046	100
0-180	1046	100

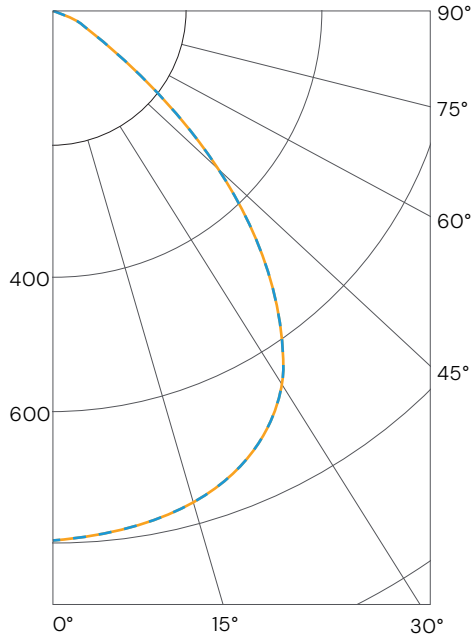
Illuminance Chart

Distance from LED	Foot Candles	Diameter
2.5'	86	4.9'
5.0'	22	9.7'
7.5'	10	14.6'
9.0'	7	17.5'

Beam Angle: 88°

PHOTOMETRICS

12302 Cord Mount, Medium, 1500 lm, 90 CRI, 3000K, White | 12302-8-1500L-30K-CM24-WH



cd — C0-C180 — C90-C270 1537 lm

Luminous Intensity

Gamma	C 0°
0°	794
5°	790
10°	781
15°	768
20°	750
25°	723
30°	678
35°	605
40°	502
45°	376
50°	254
55°	166
60°	109
65°	70
70°	39
75°	19
80°	9
85°	3
90°	0

Values in candela

Zonal Lumen Summary

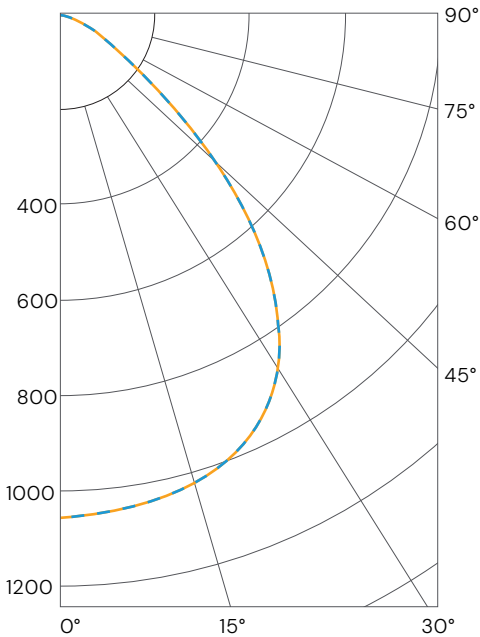
Zone	Lumens	Luminaire %
0-30	624	41
0-40	999	65
0-60	1441	94
0-90	1537	100
0-180	1537	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
2.5'	127	4.9'
5.0'	32	9.7'
7.5'	14	14.6'
9.0'	10	17.5'

Beam Angle: 88°

12302 Cord Mount, Medium, 2000 lm, 90 CRI, 3000K, White | 12302-8-2000L-30K-CM24-WH



cd — C0-C180 — C90-C270 2050 lm

Luminous Intensity

Gamma	C 0°
0°	1058
5°	1053
10°	1042
15°	1024
20°	1000
25°	964
30°	904
35°	806
40°	670
45°	502
50°	338
55°	221
60°	145
65°	94
70°	52
75°	25
80°	12
85°	4
90°	0

Values in candela

Zonal Lumen Summary

Zone	Lumens	Luminaire %
0-30	832	41
0-40	1332	65
0-60	1921	94
0-90	2050	100
0-180	2050	100

Illuminance Chart

Distance from LED	Foot Candles	Diameter
2.5'	169	4.9'
5.0'	42	9.7'
7.5'	19	14.6'
9.0'	13	17.5'

Beam Angle: 88°

COLOR TEMPERATURE GUIDE

2700K	3000K	3500K	4000K	5000K
WARM WHITE	SOFT WHITE GLOW	NEUTRAL GLOW	DAYLIGHT GLOW	CRYSTAL WHITE GLOW
friendly personal intimate	soft warm pleasing	sociable inviting non-threatening	neat clean efficient	bright cool alert
HOMES LIBRARIES RESTAURANTS	HOMES HOTEL ROOMS LOBBIES RETAIL STORES	EXECUTIVE OFFICES RECEPTION AREAS SUPERMARKETS	OFFICES CLASSROOMS MASS MERCHANDISERS SHOWROOMS	GRAPHICS INDUSTRY HOSPITALS GALLERIES BEAUTY SALONS
✓	✓	✓	✓	✗