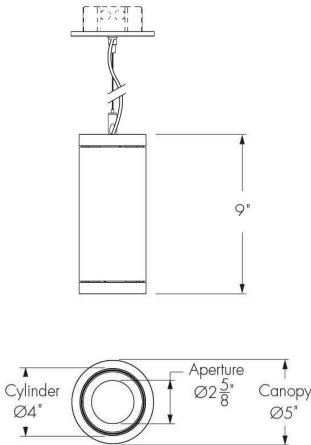


Project Name

Qty

Type

Catalog / Part Number



Front view

Bottom view

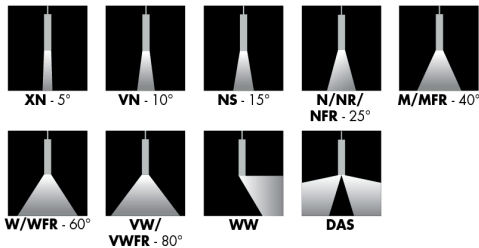
Photometric Summary

Based on Wide Faceted Reflector (nominal 60°), 4000K, CRI 90+

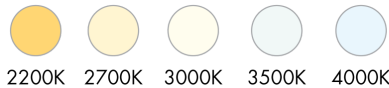
Nominal output [lm]	Delivered output [lm] ^[1]	Power (120V) [W] ^[2]	Efficacy [lm/W]	Power (277V) [W] ^[2]	Efficacy [lm/W]
700	730	6.5	112	8	91
1000	963	8	120	10	96
1300	1,313	11	119	13	101
2000	2,043	18	114	19	108

¹ Photometric performance is measured in compliance with IESNA LM-79-24.
² Consult website for latest IES files.

Optics



Color and Color temperature



Control

ON/OFF PH 0-10V

Description

The Lumencore Short Cylinder Small Pendant Integral is a high-performance LED downlight that is ideal for intimate commercial, residential or hospitality applications and delivers up to 2000 lumens from a 4 in diameter. Available in 9 in, the Lumencore Short Cylinder Small Pendant Integral comes in a number of finishes, or can be color-specified to your taste. Its accessories, beam angles, trims, and optics can easily be changed in the field.

Features

Mounting Options	Cable mounting (flat canopy or deep canopy), Stem mounting (flat canopy or deep canopy)
Suspension Length	Metal pipe (12 in, 24 in, 36 in or 48 in) Pendant cable (50 in, 100 in or 250 in, field adjustable, black or white)
Light Direction	Direct lighting
Length	9 in
Installation Type	Integrated driver
Direct Lighting Output (Nominal Lumens)	700lm, 1000lm, 1300lm, 2000lm
Direct Lighting Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K
Direct Lighting Optics (Nominal Distribution)	Extra Narrow Spot 5°, Very Narrow Spot 10°, Narrow Spot 15°, Narrow 25°, Narrow reflector 25°, Narrow Faceted Reflector 25°, Medium 40°, Medium Faceted Reflector 40°, Wide 60°, Wide Faceted Reflector 60°, Very Wide 80°, Very Wide Faceted Reflector 80°, True Asymmetric Wallwash, Double Asymmetric
Optical Accessories	Snoot, Half Snoot, Honeycomb Louver, Concentric Ring Louver, Clear Glass Lens, Softening Glass Lens, Prismatic Diffuser, Linear Spread Lens Narrow (1° x 40°), Linear Spread Lens Wide (1° x 60°), Beam Widening Lens (+10°), Beam Widening Lens (+20°), Beam Widening Lens (+30°)

Finishes



MWH-Matte white



MBK-Matte black



MBR-Matte brown



MOR-Matte orange



MGR-Matte green



MBL-Matte blue



MSI-Matte silver



GWH-Glossy white



GBK-Glossy black



GYL-Glossy yellow



GLR-Glossy red



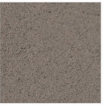
GVI-Glossy violet



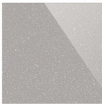
GGR-Glossy green



GIY-Glossy ivory



CGY-Concrete grey



MLG-Metalized grey



IBR-Italian brick red



PWH-Parget white



CC-Custom color and finish
(Please specify RAL color)

Lumencycle™ Program



Certifications









Warranty	5-year limited warranty
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Physical

Weight	3 lbs
Housing Material	Aluminum
TIR Optics Material	Clear polycarbonate
Reflector Material	Aluminum

Performance

Maximum Delivered Output	Up to 2,713 lm (narrow spot optic 15°, 4000K, CRI 90)
Maximum Delivered Intensity	Up to 63,952 cd (extra narrow spot optic 5°, 4000K, CRI 80)
Efficacy	Up to 134 lm/W (narrow spot optic 15°, 4000K, CRI 90)
Color Consistency	2 SDCM, 3 SDCM (XN optic only)
Color Rendering	CRI 80+, CRI 90+, CRI 95+
Lumen Maintenance	L95 55,000 hrs L70 225,000 hrs
UGR	< 19 (not applicable to WW and DAS distributions)

Electrical and Control

Voltage	120 Volts, 277 Volts
Control	On/Off Control, Phase Dimming, Standard 0-10V Dimming 1% Linear Curve, 0-10V dimming (1% linear)

Environmental

Environment	Damp location (interior applications only)
Operating Temperature	-4 °F to 86 °F
Ingress Protection Rating	IP20

Important

Virtual Patent Marking Notice

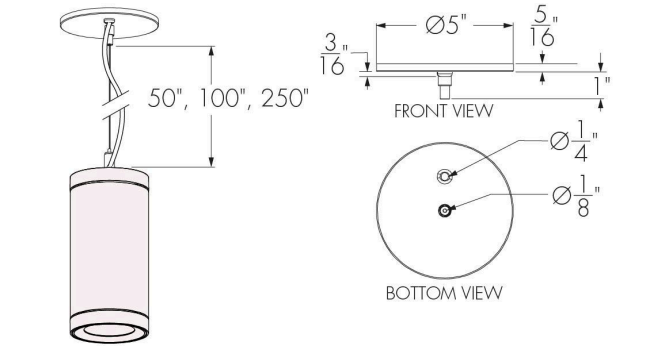
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

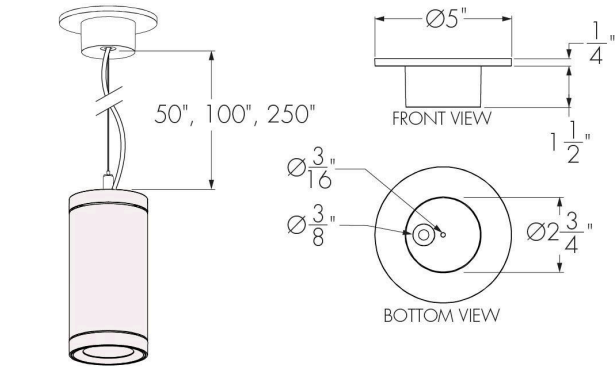
Lumencycle is a comprehensive program designed to maximize the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures, and responsibly manage them at end of life. For full program details, visit <https://www.lumenpulse.com/lumencycle>.

Mounting Option Dimensions

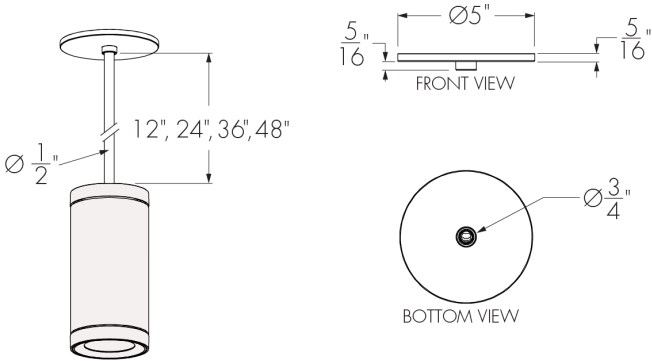
Flat Canopy & Cable Option



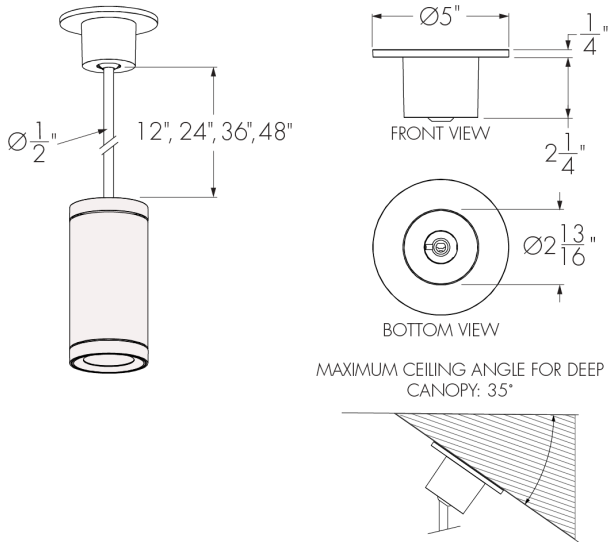
Deep Canopy & Cable Option



Flat Canopy & Stem Option

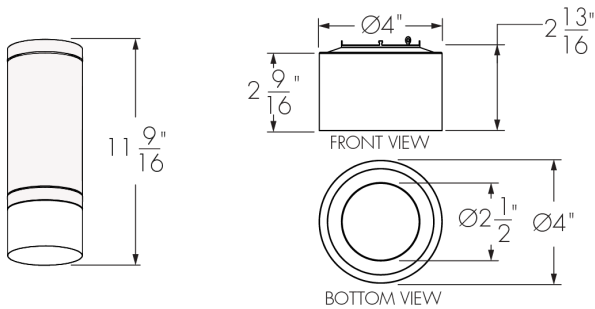


Deep Canopy & Stem Option

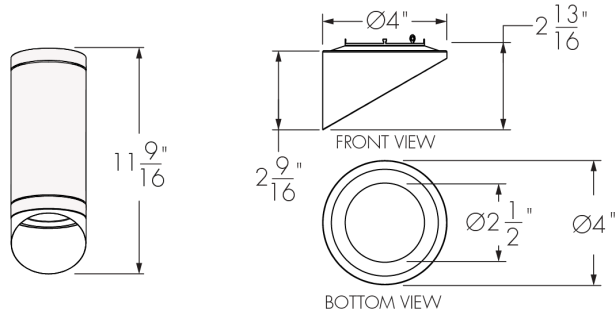


Optical Accessory Dimensions

Snoot



Half Snoot



Photometric Information - Color Rendering Options Comparison, 3000K

Color sample	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
CRI 80+	84	82	90	97	83	82	88	86	63	15	77	83	68	84	98	75
CRI 90+	94	95	98	99	95	94	97	91	80	55	93	97	83	96	99	89
CRI 95+	97	96	97	99	96	96	95	96	97	97	96	95	86	96	98	97

Optics

TIR Optic
XN/VN/NS/N



Semi-Specular reflector
NR/M/W/VW



Faceted reflector
NFR/MFR/WFR/VWFR

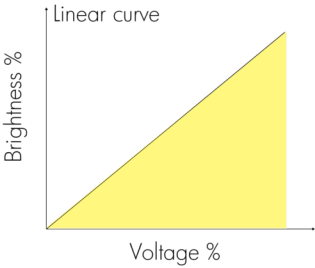


Control

On/off control
NO - On/off control

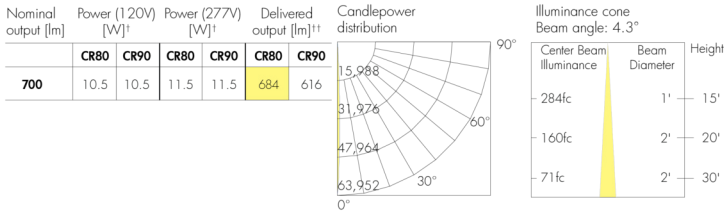
Phase dimming
PH - Phase dimming

Standard 0-10V dimming down to 1%
DAMC - Standard 0-10V dimming to 1% linear curve
DA1 - Standard 0-10V dimming, 1% linear

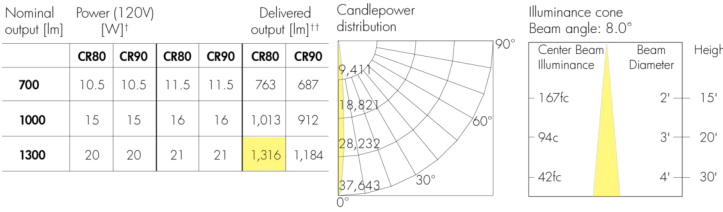


Photometric Information - Direct Lighting Optics

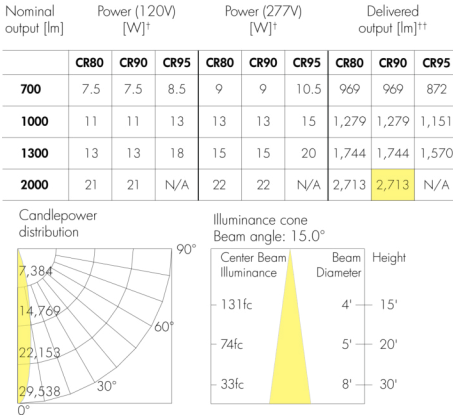
XN - Extra Narrow Spot (Nominal 5°), 4000K



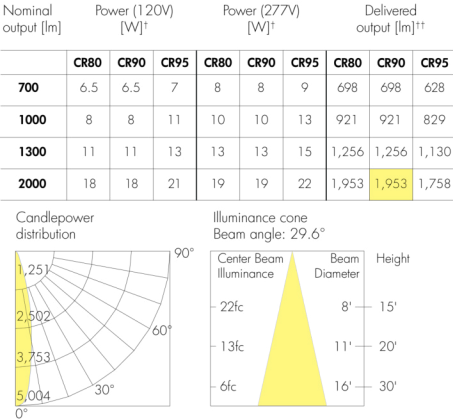
VN - Very Narrow Spot (Nominal 10°), 4000K



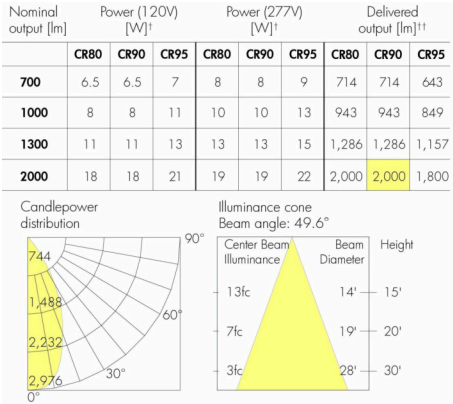
NS - Narrow Spot (Nominal 15°), 4000K



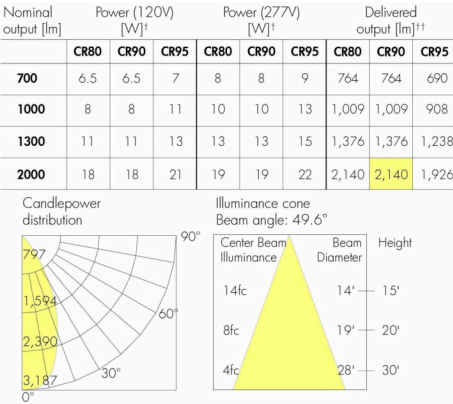
N - Narrow (Nominal 25°), 4000K



M - Medium (Nominal 40°), 4000K



MFR - Medium Faceted Reflector (Nominal 40°), 4000K

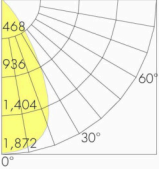


† Delivered wattage: +/- 10% tolerance.
†† Consult website for latest IES files. Delivered output: +/- 10% tolerance.
Photometric performance is measured in compliance with IESNA LM-79-24.

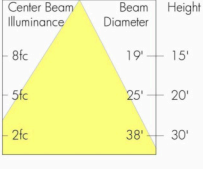
W - Wide (Nominal 60°), 4000K

Nominal output [lm]	Power (120V) [W]†			Power (277V) [W]†			Delivered output [lm]††		
	CR80	CR90	CR95	CR80	CR90	CR95	CR80	CR90	CR95
700	6.5	6.5	7	8	8	9	682	682	614
1000	8	8	11	10	10	13	900	900	810
1300	11	11	13	13	13	15	1,227	1,227	1,105
2000	18	18	21	19	19	22	1,909	1,909	1,718

Candlepower
distribution



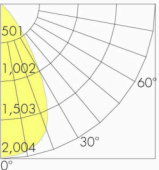
Illuminance cone
Beam angle: 64.0°



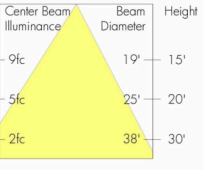
WFR - Wide Faceted Reflector (Nominal 60°), 4000K

Nominal output [lm]	Power (120V) [W]†			Power (277V) [W]†			Delivered output [lm]††		
	CR80	CR90	CR95	CR80	CR90	CR95	CR80	CR90	CR95
700	6.5	6.5	7	8	8	9	730	730	657
1000	8	8	11	10	10	13	963	963	867
1300	11	11	13	13	13	15	1,313	1,313	1,182
2000	18	18	21	19	19	22	2,043	2,043	1,838

Candlepower
distribution



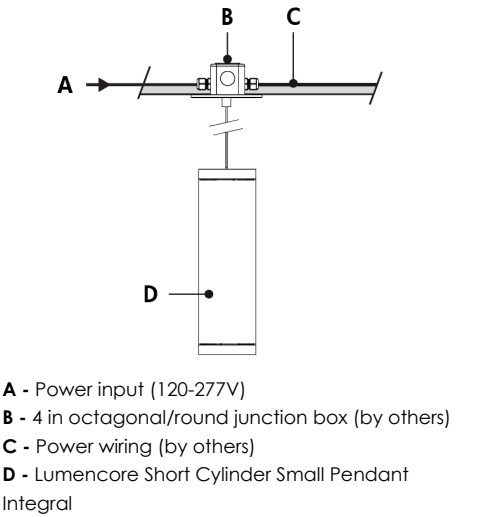
Illuminance cone
Beam angle: 64.0°



† Delivered wattage: +/- 10% tolerance.
†† Consult website for latest IES files. Delivered output: +/- 10% tolerance.
Photometric performance is measured in compliance with IESNA LM-79-24.

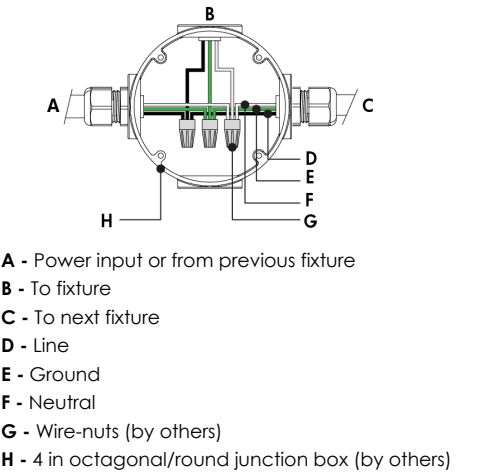
Typical Wiring Diagrams (Refer to Installation Instructions for Additional Wiring Details)

On/Off Control (NO)



- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Consult Photometric Information pages for wattage information.

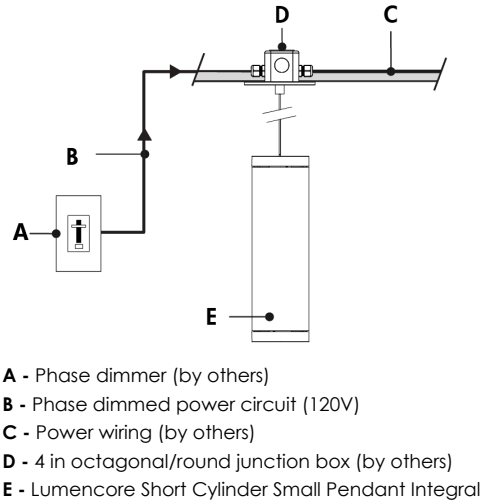
On/Off Control (NO) - Wiring Detail



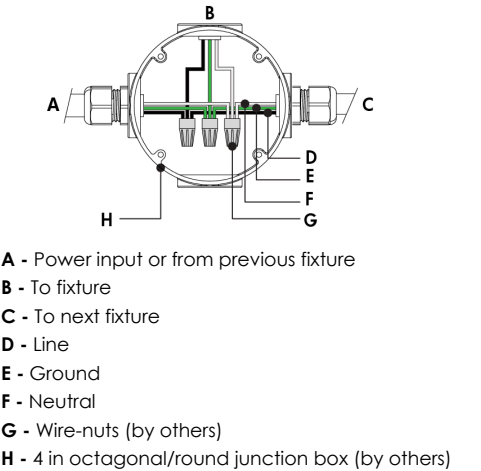
Wiring Color Code

Color	USE
Green	Ground
Black	Line
White	Neutral
Red or purple	0-10V / Data +
Orange or grey or pink	0-10V / Data -

Phase Dimming (PH)



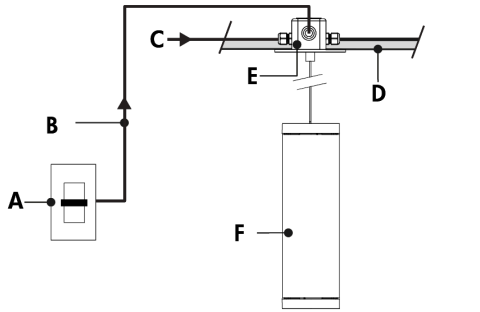
Phase Dimming (PH) - Wiring Detail



Wiring Color Code

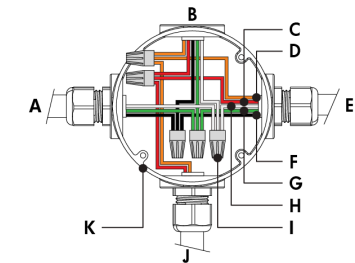
Color	USE
Green	Ground
Black	Line
White	Neutral
Red or purple	0-10V / Data +
Orange or grey or pink	0-10V / Data -

0-10V Dimming (DAMC, DA1)



- A - Dimmer (by others)
- B - Data wiring (by others)
- C - Power input (120-347V)
- D - Power and data wiring (by others)
- E - 4 in octagonal/round junction box (by others)
- F - Lumencore Short Cylinder Small Pendant Integral

0-10V Dimming (DAMC, DA1) - Wiring Detail



- A - Power input or from previous fixture
- B - To fixture
- C - 0-10V +
- D - 0-10V -
- E - To next fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nuts (by others)
- J - From dimmer (by others)
- K - 4 in octagonal/round junction box (by others)

Wiring Color Code

Color	USE
Green	Ground
Black	Line
White	Neutral
Red or purple	0-10V / Data +
Orange or grey or pink	0-10V / Data -

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Consult Photometric Information pages for wattage information.

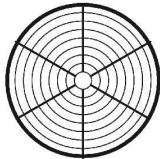
Optical Accessories

SN - Snoot



LACYS - SN

XLVR - Concentric Ring Louver



LACYS - XLVR

PD - Prismatic Diffuser



LACYS - PD

HSN - Half Snoot



LACYS - HSN

CL - Clear Glass Lens



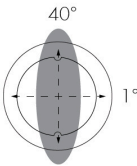
LACYS - CL

LSN - Linear Spread Lens Narrow (1° x 40°)



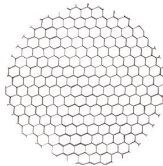
Horizontal Beam Distribution

LACYS - LSN



Vertical Beam Distribution

HL - Honeycomb Louver



LACYS - HL

SL - Softening Glass Lens



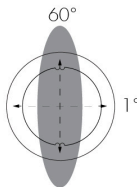
LACYS - SL

LSW - Linear Spread Lens Wide (1° x 60°)



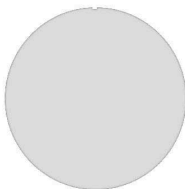
Horizontal Beam Distribution

LACYS - LSW



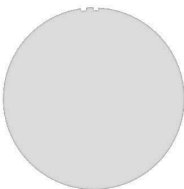
Vertical Beam Distribution

BW1 - Beam Widening Lens (+10°)



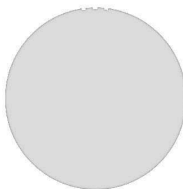
LACYS - BW1

BW2 - Beam Widening Lens (+20°)



LACYS - BW2

BW3 - Beam widening lens (+30°)



LACYS - BW3

How to Order

Housing ⁽¹⁾	EZ Ship	Certification	Mounting	Mounting Option Finish	Mounting Length	Light Direction	Voltage	Length
LACYS Lumencore Short Cylinder Small - Ø4 in	EZ EZ Ship ^{(2) (3)}	A UL/cUL	PMF Pendant Mount Flat Canopy PMD Pendant Mount Deep Canopy PSF Pendant Stem Mount Flat Canopy ⁽⁴⁾ PSD Pendant Stem Mount Deep Canopy ⁽⁴⁾	MWH Matte White MBK Matte Black MSI Matte Silver CC Custom Color ^{(5) (6)}	M1 Metal Pipe (12 in) ⁽⁷⁾ M2 Metal Pipe (24 in) ⁽⁷⁾ M3 Metal Pipe (36 in) ⁽⁷⁾ M4 Metal Pipe (48 in) ⁽⁷⁾ ACC50BK Silver Aircraft Cable/Black Electrical Cable (50 in, Field Adjustable) ACC100BK Silver Aircraft Cable/Black Electrical Cable (100 in, Field Adjustable) ACC250BK Silver Aircraft Cable/Black Electrical Cable (250 in, Field Adjustable) ⁽⁸⁾ ACC50WH Silver Aircraft Cable/White Electrical Cable (50 in, Field Adjustable) ACC100WH Silver Aircraft Cable/White Electrical Cable (100 in, Field Adjustable) ACC250WH Silver Aircraft Cable/White Electrical Cable (250 in, Field Adjustable) ⁽⁸⁾	D Direct lighting	120 120 Volts 277 277 Volts	9 9 in

Notes:

1. Refer to website product configurator for all exceptions.

2. Refer to website for EZ Ship configurations.

3. To qualify for EZ Ship, the fixture finish and bezel finish must match.

4. Stem finish matches fixture housing color.
5. Refer to Finish section for additional color codes (ex. MGR).

6. Longer lead times can be expected for custom RAL color finishes.

7. Metal pipe available for PSF and PSD mounting options only.

8. Consult factory for use with a 13 in, 18 in or 23 in fixture.

How to Order

Installation Type	Direct Lighting Output (Nominal Lumens)	Direct Lighting Color Temperature	Direct Lighting Color Rendering	Direct Lighting Optics (Nominal Distribution)	Direct Lighting Control	Direct Lighting Accessories ^{(24) (25)}	Finish	Bezel	Bezel Finish
ITG Integrated driver	dL07 700lm	22K 2200K ^{(9) (10)}	CR80 CRI 80+	XN Extra Narrow Spot 5° ⁽¹¹⁾	NO On/Off Control ⁽¹⁷⁾	NA No Accessory	MWH Matte White	b Bezel	MWH Matte White
	dL10 1000lm	27K 2700K	CR90 CRI 90+	VN Very Narrow Spot 10° ⁽¹²⁾	PH Phase Dimming ^{(18) (19)}	SN Snoot ⁽²⁶⁾	MBK Matte Black		MBK Matte Black
	dL13 1300lm	30K 3000K	CR95 CRI 95+	NS Narrow Spot 15° ⁽¹³⁾	DAMC Standard 0-10V Dimming 1% Linear Curve ^{(20) (21) (22)}	HSN Half Snoot ⁽²⁶⁾	MBR Matte Brown		MBR Matte Brown
	dL20 2000lm	35K 3500K		N Narrow 25°	DA1 Standard 0-10V Dimming 1% Linear Curve ⁽²³⁾	HL Honeycomb Louver ⁽²⁷⁾	MOR Matte Orange		MOR Matte Orange
		40K 4000K		NR Narrow reflector 25°		XLVR Concentric Ring Louver ⁽²⁸⁾	MGR Matte Green		MGR Matte Green
				NFR Narrow Faceted Reflector 25°		CL Clear Glass Lens	MBL Matte Blue		MBL Matte Blue
				M Medium 40°		SL Softening Glass Lens	MSI Matte Silver		MSI Matte Silver
				MFR Medium Faceted Reflector 40°		PD Prismatic Diffuser	GWH Glossy White		GWH Glossy White
				W Wide 60°		LSN Linear Spread Lens Narrow (1° x 40°) ⁽²⁹⁾	GBK Glossy Black		GBK Glossy Black
				WFR Wide Faceted Reflector 60°		LSW Linear Spread Lens Wide (1° x 60°) ⁽³⁰⁾	GYL Glossy Yellow		GYL Glossy Yellow
				VW Very Wide 80°		BW1 Beam Widening Lens (+10°) ⁽³¹⁾	GLR Glossy Red		GLR Glossy Red
				VWFR Very Wide Faceted Reflector 80°		BW2 Beam Widening Lens (+20°) ⁽³¹⁾	GVI Glossy Violet		GVI Glossy Violet
				WW True Asymmetric Wallwash ^{(13) (14)}		BW3 Beam Widening Lens (+30°) ⁽³¹⁾	GGR Glossy Green		GGR Glossy Green
				DAS Double Asymmetric ^{(15) (16)}			GIY Glossy Ivory		GIY Glossy Ivory
							CGY Concrete Gray		CGY Concrete Gray
							MLG Metalized Gray		MLG Metalized Gray

- Notes:
6. Longer lead times can be expected for custom RAL color finishes.

9. Available for CR80 only.

10. Not available for XN and VN optics.

11. Available for 700 lumens when combined with CR80 or CR90 color rendering options only.

12. Available for 700, 1000 and 1300 lumens when combined with CR80 or CR90 color rendering options only.

13. Available up to 1300 lumens (CR80/CR90/CR95) and 2000 lumens (CR80).

14. The color of the true asymmetric wallwash baffle matches the fixture bezel.

15. Available up to 1300 lumens (CR80/CR90/CR95).

16. The color of the double asymmetric baffle is metallic gray.

17. Manufacturer's choice driver. Order code may change to NO1.

18. Manufacturer's choice driver. Order code may change to PH1 or PH2.

19. Available for 120V voltage option only.

20. Manufacturer's choice driver. Order code may change to DAMC1 or DAMC2.

21. Not available for XN and VN optics.

22. Available up to 2000 lumens when combined with CR80 color rendering option. Available up to 1300 lumens when combined with CR90 or CR95 color rendering options.

23. Driver cuts off power to the fixture when the control signal drops below 0.5V.

24. Accessories specified in the fixture code are factory installed but can also be changed in the field. Refer to installation instructions for details. To order accessories separately, refer to the Optical Accessories section of the specification sheet.

25. Maximum of two lenses can be installed per fixture. The Snoot (SN) or Half Snoot (HSN) can be combined with any accessory. The Linear Spread Lenses (LSN or LSW) are compatible with the Snoot and Half Snoot accessories only. The Clear Glass Lens (GL), Beam Widening Lens (BW1, BW2 or BW3) and Softening Glass Lens (SL) cannot be combined together. Optical accessories are not available for WW or DAS optics.

26. Matte black interior surface, exterior finish matches housing color.

27. When combined with another accessory, the HL will be factory-installed in second position (furthest from the LED source).

28. Available for XN, VN and NS optics only.

29. Available for XN, VN, NS, N, NR and NFR optics only. Nominal 10° x 40° distribution when used with the NS optic.

30. Available for XN, VN, NS, N, NR and NFR optics only. Nominal 10° x 60° distribution when used with the NS optic.

31. Available for XN, VN, NS, N, NR and NFR optics only.