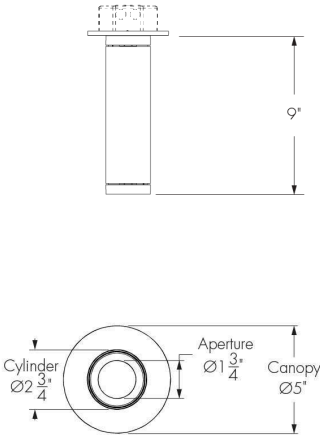


Project Name

Qty

Type

Catalog / Part Number



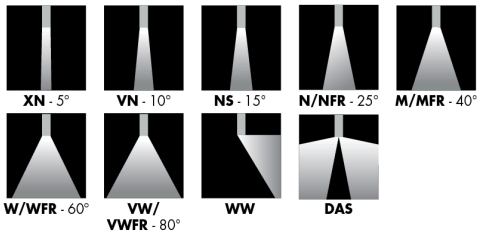
Photometric Summary

Based on Narrow Optic (nominal 25°), 4000K, CRI 90+

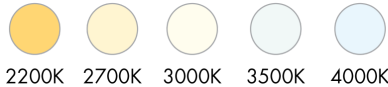
Nominal output [lm]	Delivered output [lm] ^[1]	Power (120V) [W] ^[2]	Efficacy [lm/W]	Power (277V) [W] ^[2]	Efficacy [lm/W]
700	782	7.5	104	9	87
1000	1,032	11	94	13	79
1300	1,404	13	108	15	94

[1] Consult website for latest IES files.
[2] Add 3 watts per fixture when specifying Lumentalk™.

Optics



Color and Color temperature



Control

ON/OFF PH 0-10V

Certifications



Description

The Lumencore Short Cylinder Nano Surface Mount 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 2.75 in diameter. Available 9 in, the Lumencore Short Cylinder Nano Surface Mount 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	Surface Mount
Light Direction	Direct lighting
Length	9 in
Direct Lighting Output (Nominal Lumens)	700lm, 1000lm, 1300lm, 2000lm
Warranty	5-year limited warranty

Physical

Weight	2.3 lbs
Housing Material	Aluminum

Performance

Maximum Delivered Output	Up to 2,726 lm (narrow spot optic 15°, 4000K, CRI 90)
Maximum Delivered Intensity	Up to 29,582 cd (extra narrow spot optic 5°, 4000K, CRI 80)
Lumen Maintenance	L95 55,000 hrs L70 225,000 hrs
UGR	< 19 (not applicable to WW and DAS distributions)

Environmental

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

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.

How to Order

Housing ⁽¹⁾	Certification	Mounting	Light Direction	Voltage	Length	Installation Type	Direct Lighting Output (Nominal Lumens)	Direct Lighting Color Temperature	Direct Lighting Color Rendering	Direct Lighting Optics (Nominal Distribution)	Direct Lighting Control
LACYN Lumencore Short Cylinder Nano - Ø2 3/4 in	A UL/cUL	SM Surface Mount	D Direct lighting	120 120 Volts 277 277 Volts	9 9 in	ITG Integrated driver	dl07 700lm dl10 1000lm dl13 1300lm dl20 2000lm	22K 2200K ⁽²⁾ ⁽³⁾ 27K 2700K 30K 3000K 35K 3500K 40K 4000K	CR80 CRI 80+ CR90 CRI 90+ CR95 CRI 95+	XN Extra Narrow Spot 5° ⁽⁴⁾ VN Very Narrow Spot 10° ⁽⁵⁾ NS Narrow Spot 15° ⁽⁶⁾ N Narrow 25° ⁽⁴⁾ NFR Narrow Faceted Reflector 25° ⁽⁶⁾ M Medium 40° MFR Medium Faceted Reflector 40° W Wide 60° WFR Wide Faceted Reflector 60° VW Very wide 80° VWFR Very wide faceted reflector 80° WW True Asymmetric Wallwash ⁽⁴⁾ ⁽⁷⁾ DAS Double asymmetric ⁽⁴⁾ ⁽⁸⁾	NO On/Off Control ⁽⁹⁾ PH Phase Dimming ⁽¹⁰⁾ ⁽¹¹⁾ DAMC Standard 0-10V Dimming 1% Linear Curve ⁽¹²⁾ ⁽¹³⁾ ⁽¹⁴⁾ DA1 Standard 0-10V Dimming 1% Linear Curve ⁽¹⁵⁾

Notes:

1. Refer to website product configurator for all exceptions.

2. Available for CR80 only.

3. Not available for XN and VN optics.

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

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

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

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

8. The color of the double asymmetric baffle is metallic gray.
9. Manufacturer's choice driver. Order code may change to NO1.

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

11. Available for 120V voltage option only.

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

13. Not available for XN and VN optics.

14. 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.

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

How to Order

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Direct Lighting Accessories ⁽¹⁶⁾ ₍₁₇₎	Finish	Bezel	Bezel Finish
NA No Accessory	MWH Matte White	b Bezel	MWH Matte White
SN Snoot ⁽¹⁸⁾	MBK Matte Black		MBK Matte Black
HSN Half Snoot ⁽¹⁸⁾	MBR Matte Brown		MBR Matte Brown
HL Honeycomb Louver ⁽¹⁹⁾	MOR Matte Orange		MOR Matte Orange
XLVR Concentric Ring Louver ⁽²⁰⁾	MGR Matte Green		MGR Matte Green
CL Clear Glass Lens	MBL Matte Blue		MBL Matte Blue
SL Softening Glass Lens	MSI Matte Silver		MSI Matte Silver
PD Prismatic Diffuser	GWH Glossy White		GWH Glossy White
LSN Linear Spread Lens Narrow (1° x 40°) ⁽²¹⁾	GBK Glossy Black		GBK Glossy Black
LSW Linear Spread Lens Wide (1° x 60°) ⁽²²⁾	GYL Glossy Yellow		GYL Glossy Yellow
BW1 Beam Widening Lens (+10°) ⁽²³⁾	GLR Glossy Red		GLR Glossy Red
BW2 Beam Widening Lens (+20°) ⁽²³⁾	GVI Glossy Violet		GVI Glossy Violet
BW3 Beam Widening Lens (+30°) ⁽²³⁾	GGR Glossy Green		GGR Glossy Green
	GIY Glossy Ivory		GIY Glossy Ivory
	CGY Concrete Grey		CGY Concrete Grey
	MLG Metalized Grey		MLG Metalized Grey
	IBR Italian Brick Red		IBR Italian Brick Red
	PWH Parget White		PWH Parget White
	CC Custom Color & Finish ⁽²⁴⁾		CC Custom Color & Finish ⁽²⁴⁾

Notes:

- 16.** 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.

17. 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.

18. Matte black interior surface, exterior finish matches housing color.
- 19.** When combined with another accessory, the HL will be factory-installed in second position (furthest from the LED source).

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

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

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

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

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