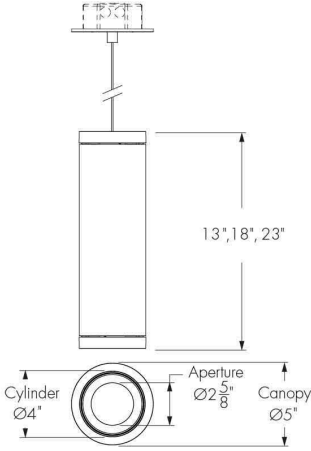


Project Name

Qty

Type

Catalog / Part Number



Front view

Bottom view

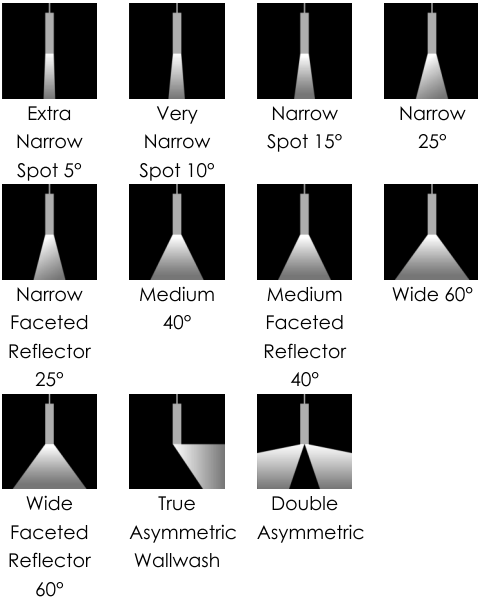
Photometric Summary

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	698	6.5	107	8	87
1000	921	8	115	10	92
1300	1,256	11	114	13	97
2000	1,953	18	109	19	103

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

Optics



Description

The Lumencore Cylinder Small Pendant is a high-performance LED luminaire that is ideal for commercial, residential or hospitality applications and delivers up to 3000 lumens from a 4 in diameter. The Lumencore Cylinder Small Pendant comes in a number of finishes, or can be color-specified to fit your taste. Its accessories, beam angles, trims, and optics are easily and quickly changeable in the field.

Features

Mounting Options

- Electrical cable mounting (flat canopy or deep canopy)
- Stem mounting (flat canopy or deep canopy)
- Track mounting (2 Circuit TEK track only)

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)
- Pendant track mount aircraft cable (50 in, 100 in or 250 in, field adjustable, black or white)

Light Direction

Direct lighting

Length

13 in, 18 in, 23 in

Direct Lighting Output (Nominal Lumens)

700lm, 1000lm, 1300lm, 2000lm, 3000lm


Direct Lighting Color Temperature


2200K, 2700K, 3000K, 3500K, 4000K, Dim to Warm (2700K to 2200K), Dim to Warm Plus (3500K to 1800K), Dynamic White (2700K to 6500K), Dynamic Warm White (2200K to 3000K), Dynamic Warm White Plus (2200K to 3500K)


Direct Lighting Optics (Nominal Distribution)


Extra Narrow Spot 5°, Very Narrow Spot 10°, Narrow Spot 15°, Narrow 25°, Narrow Faceted Reflector 25°, Medium 40°, Medium Faceted Reflector 40°, Wide 60°, Wide Faceted Reflector 60°, True Asymmetric Wallwash, Double Asymmetric


Colors and Color Temperatures



2200K



2700K



3000K



3500K



4000K


2700K - 2200K





3500K - 1800K


2700K - 6500K


2200K - 3000K


2200K - 3500K

Controls

ON/OFF PH PPH 0-10V PRO 0-10V DALI PRO DALI
DALI8   

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 Gray


MLG-Metalized Gray


IBR-Italian Brick Red


PWH-Target White


CC-Custom Color and Finish
(Please Specify RAL Color)

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°), Decorative Ring

Warranty

5-year limited warranty

Performance

Maximum Delivered Output	Up to 3,210 lm (wide faceted reflector optic 60°, 4000K, CRI 90)
Maximum Delivered Intensity	Up to 63,952 cd (extra narrow spot optic 5°, 4000K, CRI 80)
Efficacy	Up to 129 lm/W (narrow spot optic 15°, 4000K, CRI 80)
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)

Physical

Weight	Up to 7.62 lbs
Housing Material	Aluminum
TIR Optics Material	Clear polycarbonate
Reflector Material	Aluminum

Electrical and Control

Voltage	120 Volts, 277 Volts, 347 Volts
Control	On/Off Control, Phase Dimming, Phase Dimming 1%, Standard 0-10V Dimming 1% (Linear or Logarithmic Curve), Professional 0-10V Dimming 0.1% (Linear or Logarithmic Curve), Standard DALI Dimming 1% (Linear or Logarithmic Curve), Professional DALI Dimming 0.1% (Linear or Logarithmic Curve), DALI-2 T8 Enabled Dimming 1%, Lumentalk Enabled Dimming, Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black, DMX/RDM Enabled Dimming 1%

Environmental

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

Accessories (Order Separately)

Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration)
Control Systems	Pharos® Lighting Control Kit (PHAROS), Consult control systems section for details
Diagnostic and Addressing Tools	LumenID (LID)

Certifications



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.

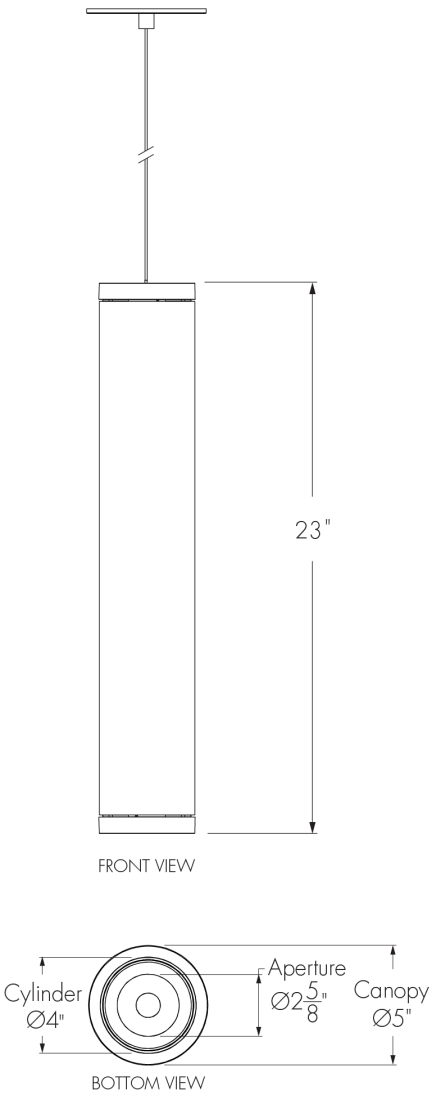
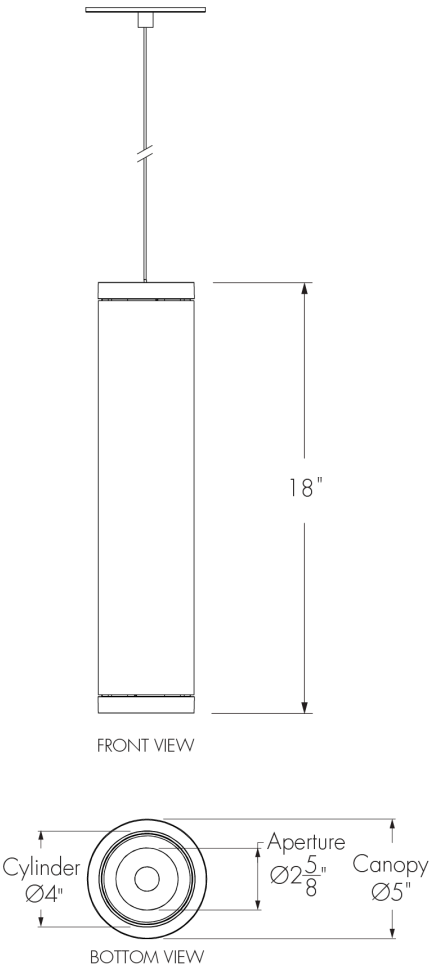
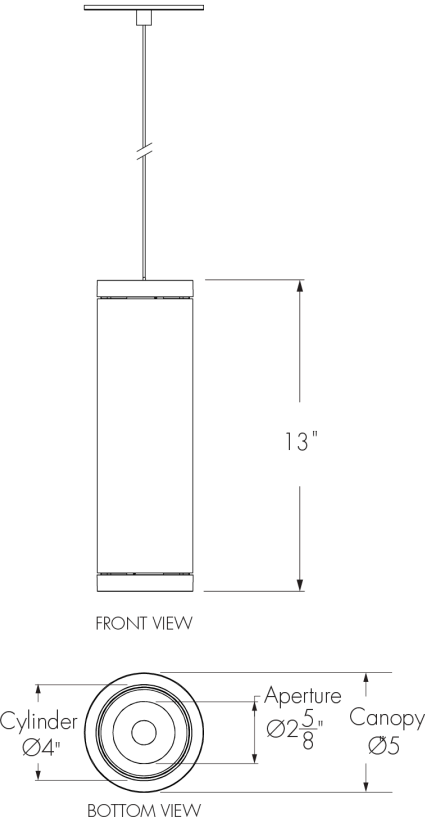
Fixture Dimensions (Shown With Flat Canopy & Cable Options)

The fixture uses an electrical cable for its pendant cable.

13 in

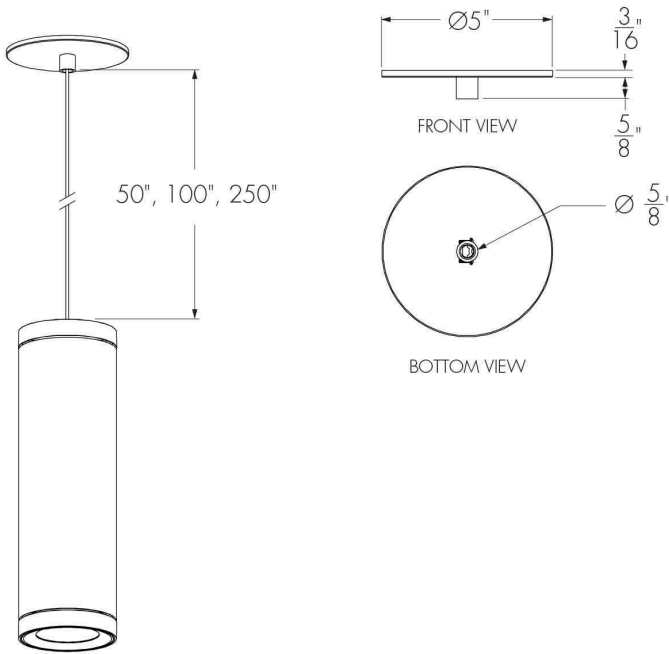
18 in

23 in



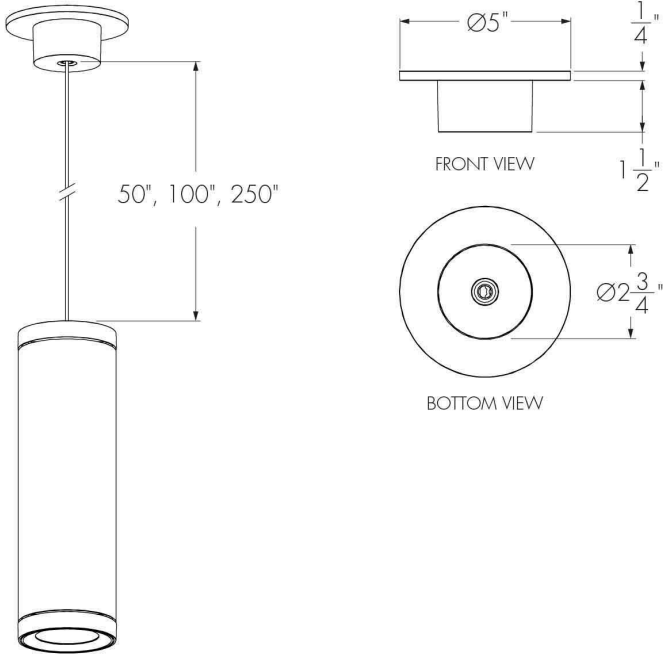
Mounting Option Dimensions (13 in Fixture Shown)

Flat Canopy & Cable Option



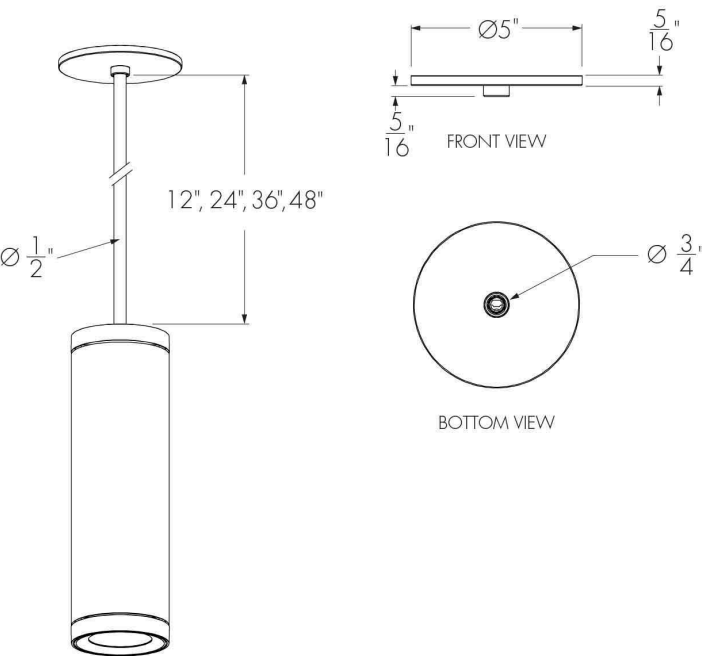
The fixture uses an electrical cable for its pendant cable.

Deep Canopy & Cable Option

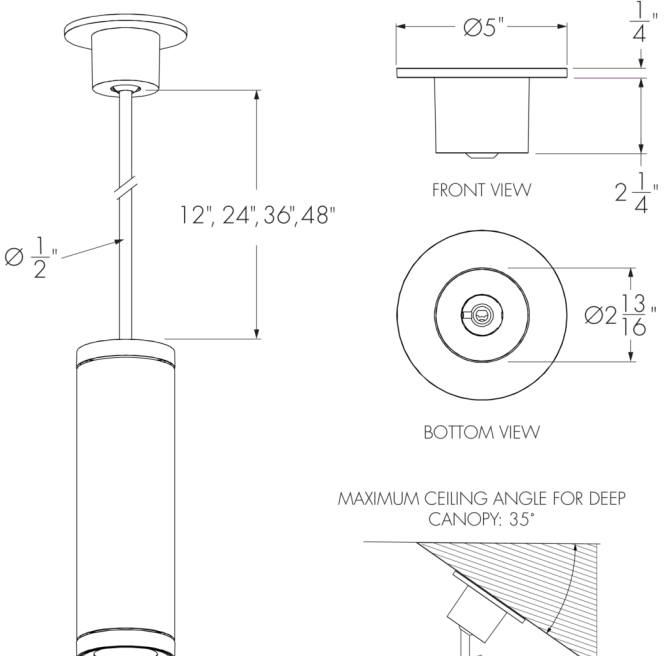


The fixture uses an electrical cable for its pendant cable.

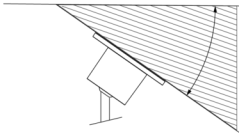
Flat Canopy & Stem Option



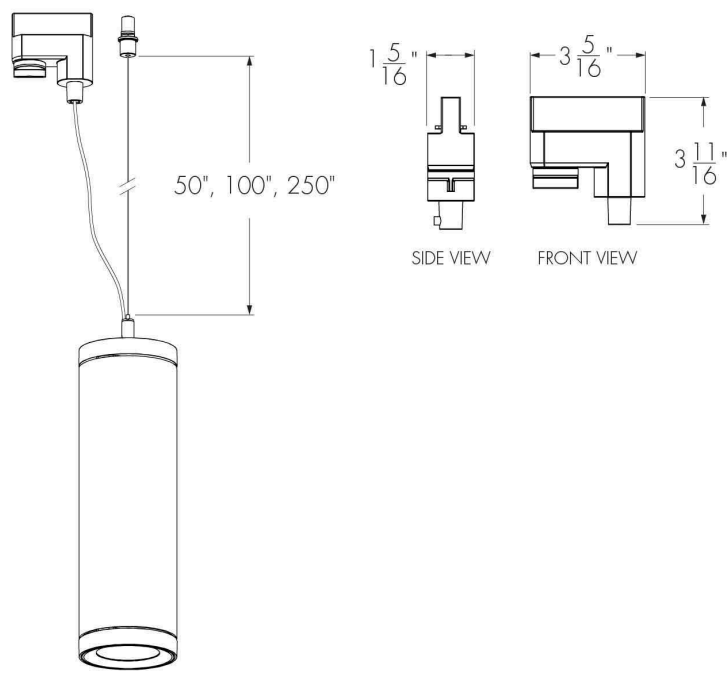
Deep Canopy & Stem Option



MAXIMUM CEILING ANGLE FOR DEEP CANOPY: 35°

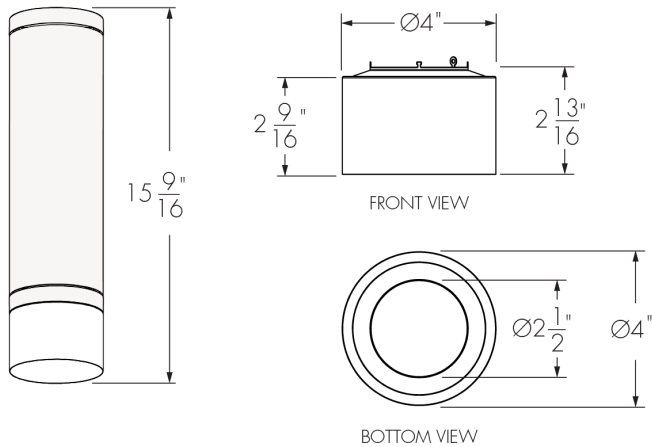


Track Mounting Option (2 Circuit TEK track only)

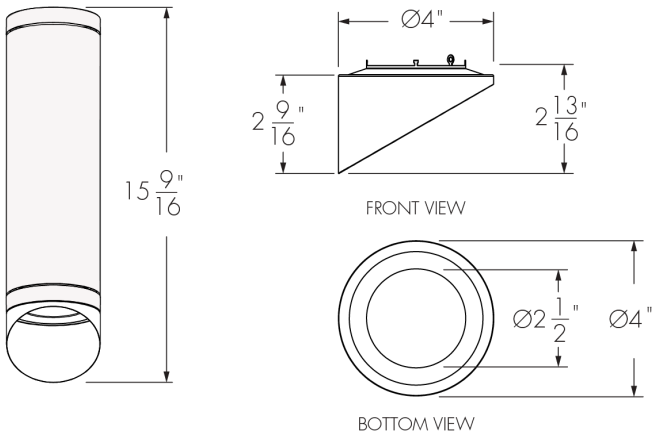


Optical Accessory Dimensions (13 in Fixture Shown)

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
Radiant CRI 80+	84	83	91	96	81	82	89	83	62	15	79	80	69	85	98	76
Radiant CRI 95+	95	95	94	95	98	94	90	94	96	96	89	95	80	94	98	96

Optics

TIR Optic
XN/VN/NS/N



Semi-Specular reflector
M/W

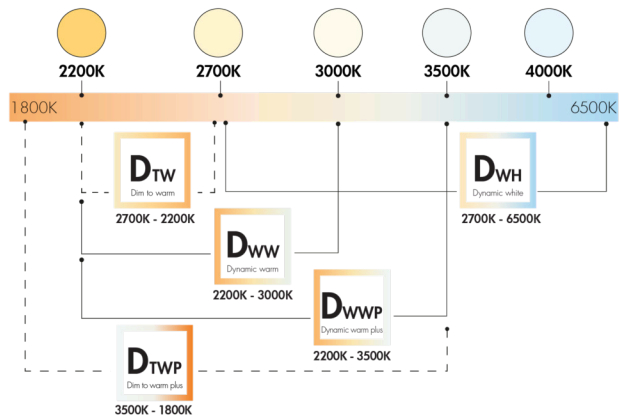


Faceted reflector
NFR/MFR/WFR

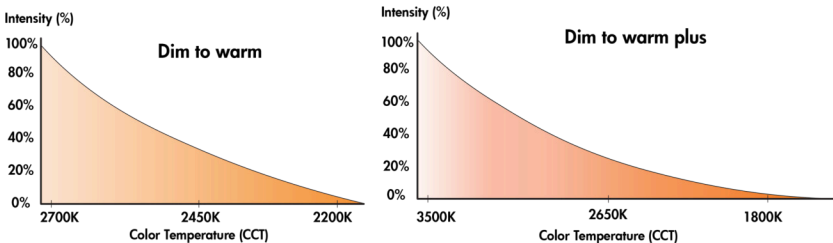


Color and Color Temperature

Color Temperature Ranges



- 1 channel (DTW, DTWP) Compatible with: DA1 SDALI DMXrdm lumen talk
 - 2 channels (DWH, DWW, DWWP) Compatible with: DALI8 DMXrdm lumen talk
 - 3 channels* (DWH, DWW, DWWP) Compatible with: DALI8 DMXrdm lumen talk
- * Can be field changeable via RDM & IT for individual CCT control.



Control

On/off control

NO - On/off control

Phase dimming

PH - Phase dimming

PPH - Phase 1% dimming

Standard 0-10V dimming down to 1%

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

DA1 - Standard 0-10V dimming, 1% linear

DA2 - Standard 0-10V dimming, 1% logarithmic

DA3 - Standard 0-10V dimming, 1% linear (347V)

Professional 0-10V dimming down to 0.1%

PDA1 - Pro 0-10V dimming, 0.1% linear

PDA2 - Pro 0-10V dimming, 0.1% logarithmic

Standard DALI dimming down to 1%

SDALI1 - Standard DALI dimming, 1% linear

SDALI2 - Standard DALI dimming, 1% logarithmic

Professional DALI dimming down to 0.1%

DALI1 - Pro DALI dimming, 0.1% linear

DALI2 - Pro DALI dimming, 0.1% logarithmic

DALI dimming Type 8

DALI8 - DALI-2 dimming Type 8 (multi channel capability)

Refer to How to Order Pages and the website product configurator for exceptions.

lumen talk dimming

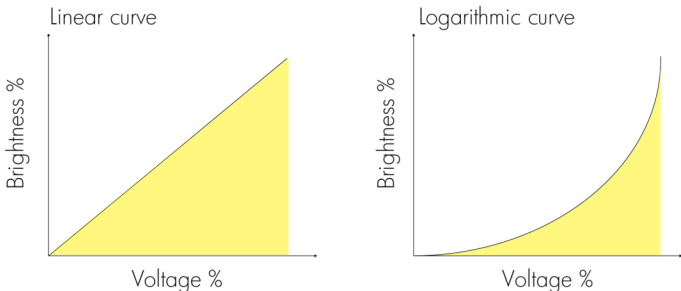
LT - Lumentalk dimming, 1% minimum dimming value

Lutron® EcoSystem®

ES - Lutron® Hi-Lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black
1% minimum dimming value

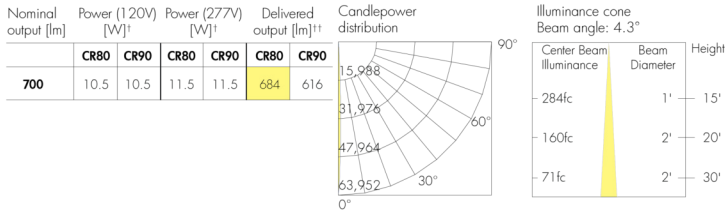
DMXrdm

DMX/RDM - DMX/RDM enabled

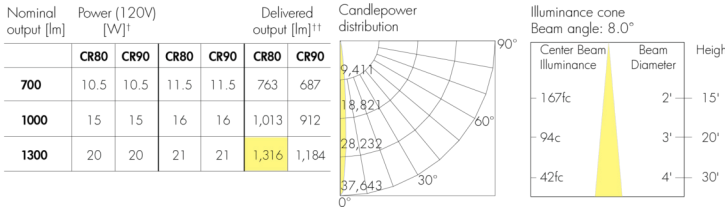


Photometric Information - Direct Lighting Optics

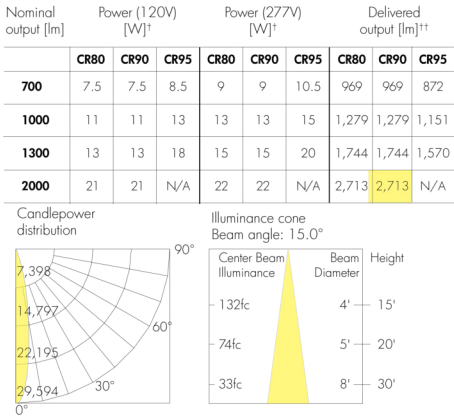
XN - Extra Narrow Spot (Nominal 5°), 4000K



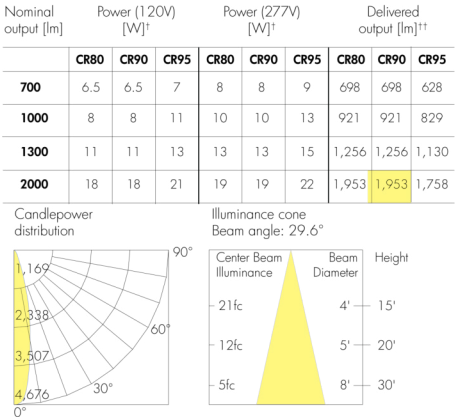
VN - Very Narrow Spot (Nominal 10°), 4000K



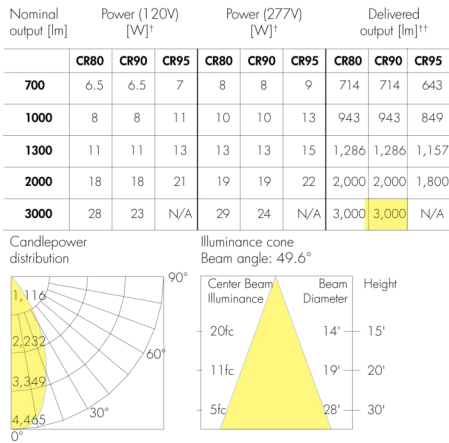
NS - Narrow Spot (Nominal 15°), 4000K



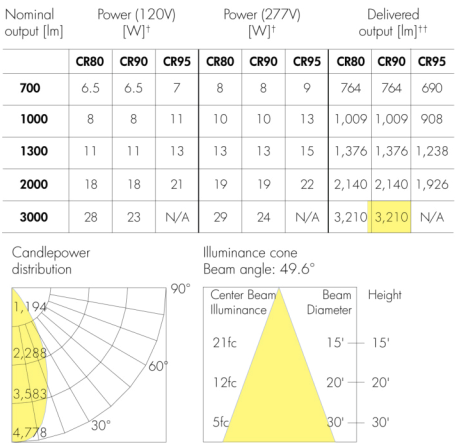
N - Narrow (Nominal 25°), 4000K



M - Medium (Nominal 40°), 4000K



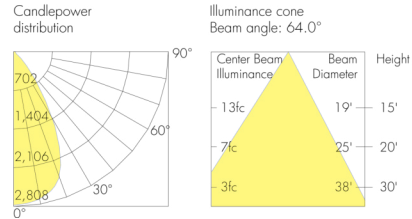
MFR - Medium Faceted Reflector (Nominal 40°), 4000K



† Delivered wattage: +/- 10% tolerance. Add 3 watts per fixture when specifying Lumentalk™.
†† Consult website for latest IES files. Delivered output: +/- 10% tolerance.
Photometric performance is measured in compliance with IESNA LM-79-24.

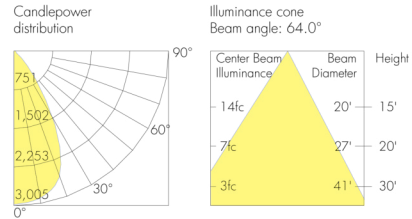
W - Wide (Nominal 60°), 4000K

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
3000	28	23	N/A	29	24	N/A	2,864	2,864	N/A



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
3000	28	23	N/A	29	24	N/A	3,065	3,065	N/A



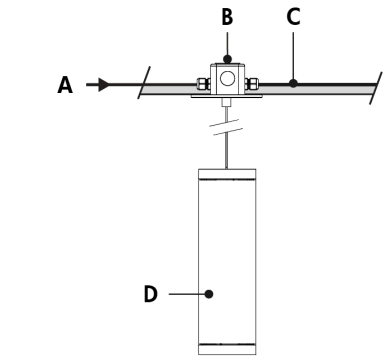
† Delivered wattage: +/- 10% tolerance. Add 3 watts per fixture when specifying Lumentalk™.

†† Consult website for latest IES files. Delivered output: +/- 10% tolerance.

Photometric performance is measured in compliance with IESNA LM-79-24.

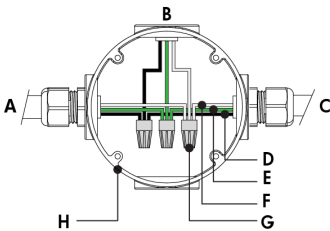
Typical Wiring Diagrams (Refer to Installation Instructions for Additional Wiring Details)

On/Off Control (NO)



- A - Power input (120-277V)
- B - 4 in octagonal/round junction box (by others)
- C - Power wiring (by others)
- D - Lumencore Cylinder Small Pendant

On/Off Control (NO) - Wiring Detail



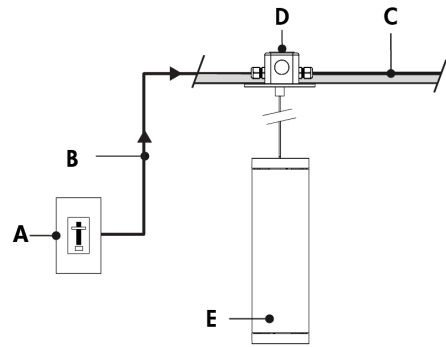
- A - Power input or from previous fixture
- B - To fixture
- C - To next fixture
- D - Line
- E - Ground
- F - Neutral
- G - Wire-nuts (by others)
- H - 4 in octagonal/round junction box (by others)

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.

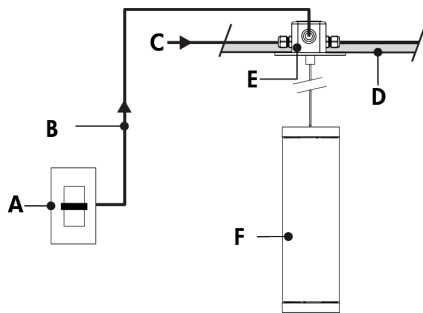
Phase Dimming (PH, PPH, PPH2)



- A - Phase dimmer (by others)
- B - Phase dimmed power circuit (120V)
- C - Power wiring (by others)
- D - 4 in octagonal/round junction box (by others)
- E - Lumencore Cylinder Small Pendant

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

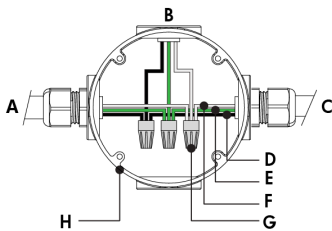
0-10V Dimming (DAMC, DA1, DA2, DA3, PDA1, PDA2)



- 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 Cylinder Small Pendant

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

Phase Dimming (PH, PPH, PPH2) - Wiring Detail

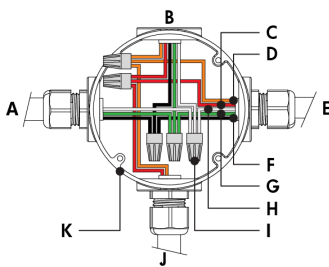


- A - Power input or from previous fixture
- B - To fixture
- C - To next fixture
- D - Line
- E - Ground
- F - Neutral
- G - Wire-nuts (by others)
- H - 4 in octagonal/round junction box (by others)

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 -

0-10V Dimming (DAMC, DA1, DA2, DA3, PDA1, PDA2) - Wiring Detail

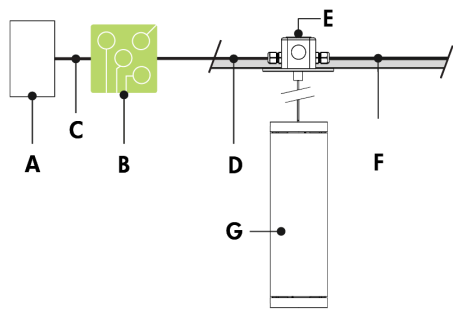


- A - Power input or from previous fixture
- B - To fixture
- C - 0-10V +
- D - 0-10V -
- E - To next fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nuts (by others)
- J - From dimmer (by others)
- K - 4 in octagonal/round junction box (by others)

Wiring Color Code

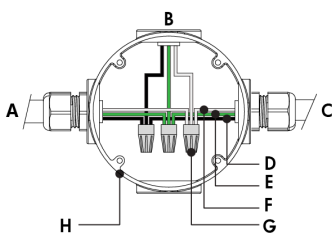
Color	USE
Green	Ground
Black	Line
White	Neutral
Red or purple	0-10V / Data +
Orange or grey or pink	0-10V / Data -

Lumentalk (LT)



- A - Dimmer/controller (by others)
- B - Lumentranslator 2 (LTL2-DIM, -DMX, -TRIAC, -DALI)
- C - Data wiring (by others)
- D - Power line (120-277V AC)
- E - 4 in octagonal/round junction box (by others)
- F - Power wiring (by others)
- G - Lumencore Cylinder Small Pendant

Lumentalk (LT) - Wiring Detail



- A - Power input (control over power line via Lumentalk system) or from previous fixture
- B - To fixture
- C - To next fixture
- D - Line
- E - Ground
- F - Neutral
- G - Wire-nuts (by others)
- H - 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.
- Lumentalk enabled fixtures must be commissioned using LumentalkID software and a LID-LT. Consult factory for details.
- Maximum of 1 transmitter (Lumentranslator 2 or Lumenlink) per system. No third party fixtures allowed on the same circuit.
- For DMX applications: 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for DALI Lumentalk applications. Consult factory for applications that require additional capabilities.
- Consult Photometric Information pages for wattage information.

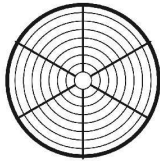
Optical Accessories

SN - Snoot



LACYS - SN

XLVR - Concentric Ring Louver



LACYS - XLVR

PD – Prismatic Diffuser



LACYS - PD

HSN - Half Snoot



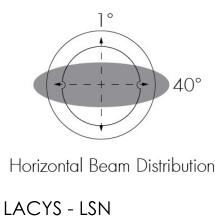
LACYS - HSN

CL - Clear Glass Lens

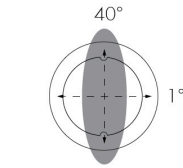


LACYS - CL

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

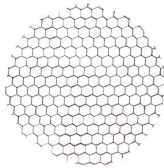


LACYS - LSN



Vertical Beam Distribution

HL - Honeycomb Louver



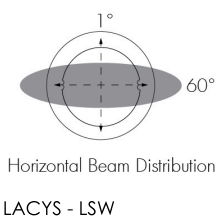
LACYS - HL

SL - Softening Glass Lens

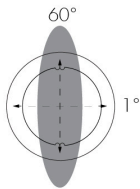


LACYS - SL

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



LACYS - LSW



Vertical Beam Distribution

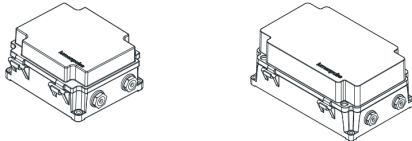
DR - Decorative Ring



LACYS - DR

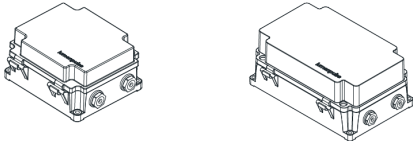
Control Boxes (Order Separately)

CBX-DMX/RDM - DMX/RDM Enabled (Daisy Chain or Star Configuration)



DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumeterminators provided with CBX (2x for Daisy Chain configuration, 6x for Star configuration), consult factory to order spares.

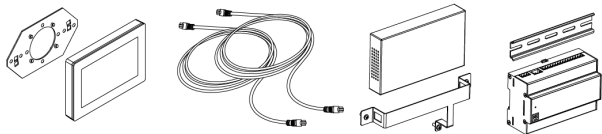
CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)



Ethernet control box. Up to four power and data outputs to fixture or fixture runs. Consult Ethernet CBX specification sheet and installation instructions for details.

Control Systems (Order Separately)

PHAROS - Pharos® Designer Lighting Control Kit



The Pharos Designer Lighting Control Kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations.

Diagnostic And Addressing Tools (Order Separately)

LID - LumenID



The updated LumenID (LID) is now your all-in-one diagnostic and addressing solution for both DMX/RDM and Lumentalk (LT) systems. Engineered for versatility, it streamlines commissioning and troubleshooting across protocols—no need for multiple tools. Consult the LID specification sheet for full details.

How to Order

Housing ⁽¹⁾	Certification	Mounting	Mounting Option Finish ⁽⁷⁾	Mounting Length	Light Direction	Voltage	Length	Direct Lighting Output (Nominal Lumens)
LACYS Lumencore Cylinder Small - Ø4 in	A UL/cUL	PMF Pendant Mount Flat Canopy	MWH Matte White	M1 Metal Pipe (12 in) ⁽¹⁰⁾	D Direct lighting	120 120 Volts	13 13 in	dL07 700lm
		PMD Pendant Mount Deep Canopy	MBK Matte Black	M2 Metal Pipe (24 in) ⁽¹⁰⁾		277 277 Volts	18 18 in	dL10 1000lm ⁽¹⁶⁾
		PSF Pendant Stem Mount Flat Canopy ⁽²⁾	MSI Matte Silver	M3 Metal Pipe (36 in) ⁽¹⁰⁾		347 347 Volts ^{(14) (15)}	23 23 in	dL13 1300lm ⁽¹⁶⁾
		PSD Pendant Stem Mount Deep Canopy ⁽²⁾	CC Custom Color ⁽⁸⁾ ⁽⁹⁾	M4 Metal Pipe (48 in) ⁽¹⁰⁾				dL20 2000lm ⁽¹⁷⁾
		PMTW Pendant Track Mount (Aircraft Cable), White Adapter ^{(3) (4) (5)}		CA50BK Electrical Cable Pendant Black (50 in, Field Adjustable) ⁽¹¹⁾				dL30 3000lm ⁽¹⁸⁾
				CA100BK Electrical Cable Pendant Black (100 in, Field Adjustable) ⁽¹¹⁾				
				CA250BK Electrical Cable Pendant Black (250 in, Field Adjustable) ^{(11) (12)}				
				CA50WH Electrical Cable Pendant White (50 in, Field Adjustable) ⁽¹¹⁾				
				CA100WH Electrical Cable Pendant White (100 in, Field Adjustable) ⁽¹¹⁾				
				CA250WH Electrical Cable Pendant White (250 in, Field Adjustable) ^{(11) (12)}				
		ACC50BK Pendant Track Mount Adapter in Black with Black Electrical Cable/Silver Aircraft Cable (50 in, Field Adjustable) ⁽¹³⁾						
		ACC100BK Pendant Track Mount Adapter in Black with Black Electrical Cable/Silver Aircraft Cable (100 in, Field Adjustable) ⁽¹³⁾						
		ACC250BK Pendant Track Mount Adapter in Black with Black Electrical Cable/Silver Aircraft Cable (250 in, Field Adjustable) ^{(12) (13)}						
		ACC50WH Pendant Track Mount Adapter in White with White Electrical Cable/Silver Aircraft Cable (50 in, Field Adjustable) ⁽¹³⁾						
		ACC100WH Pendant Track Mount Adapter in White with White Electrical Cable/Silver Aircraft Cable (100 in, Field Adjustable) ⁽¹³⁾						
		ACC250WH Pendant Track Mount Adapter in White with White Electrical Cable/Silver Aircraft Cable (250 in, Field Adjustable) ^{(12) (13)}						

Notes:

1. Refer to website product configurator for all exceptions.
2. Stem finish matches fixture housing color.
3. Available for 120V voltage option only. Available for NO, PH, PPH and LT control options only.
4. Available for ACC50WH, ACC100WH and ACC250WH mounting length options only.
5. Order track separately. Available for Double Circuit Track System only.
6. Available for ACC50BK, ACC100BK and ACC250BK mounting length options only.
7. Not applicable to track mounting.
8. Refer to Finish section for additional color codes (ex. MGR).
9. Longer lead times can be expected for custom RAL color finishes.
10. Metal pipe available for PSF and PSD mounting options only.
11. Electrical cable pendant available for PMF and PMD mounting options only.
12. Consult factory for use with a 13 in, 18 in or 23 in fixture.
13. Aircraft cable pendant available for PMTW and PMTB mounting options only.
14. Not available for 700 lumens.
15. Not available for XN and VN optics.
16. Available for VN, NS, N, NFR, M, MFR, W, WFR, WW and DAS optics only.
17. Available for NS, N, NFR, M, MFR, W, WFR and WW optics only.
18. Available for NFR, M, MFR, W and WFR optics only.

How to Order

Direct Lighting Color Temperature	Direct Lighting Color Rendering	Direct Lighting Optics (Nominal Distribution)	Direct Lighting Control ⁽³⁴⁾	Direct Lighting Accessories ⁽³¹⁾ ⁽⁵⁷⁾ ⁽⁵⁸⁾	Finish	Bezel	Bezel Finish
22K 2200K ⁽¹⁵⁾ ⁽¹⁹⁾ 27K 2700K 30K 3000K 35K 3500K 40K 4000K DTW Dim to Warm (2700K to 2200K) ⁽²⁰⁾ ⁽²¹⁾ ⁽²²⁾ DTWP Dim to Warm Plus (3500K to 1800K) ⁽²⁰⁾ ⁽²¹⁾ ⁽²²⁾ DWH Dynamic White (2700K to 6500K) ⁽²¹⁾ ⁽²²⁾ ⁽²³⁾ DWW Dynamic Warm White (2200K to 3000K) ⁽²¹⁾ ⁽²²⁾ ⁽²³⁾ DWWP Dynamic Warm White Plus (2200K to 3500K) ⁽²¹⁾ ⁽²²⁾ ⁽²³⁾	CR80 CRI 80+ ⁽²⁴⁾ CR90 CRI 90+ CR95 CRI 95+ ⁽²⁵⁾ ⁽²⁶⁾ RCR80 Radiant CRI 80+ ⁽¹⁵⁾ ⁽²⁷⁾ RCR95 Radiant CRI 95+ ⁽¹⁵⁾ ⁽²⁶⁾ ⁽²⁷⁾	XN Extra Narrow Spot 5° ⁽²⁸⁾ VN Very Narrow Spot 10° ⁽²⁹⁾ NS Narrow Spot 15° ⁽³⁰⁾ N Narrow 25° ⁽³⁰⁾ NFR Narrow Faceted Reflector 25° M Medium 40° MFR Medium Faceted Reflector 40° W Wide 60° WFR Wide Faceted Reflector 60° WW True Asymmetric Wallwash ⁽³¹⁾ ⁽³²⁾ DAS Double Asymmetric ⁽³¹⁾ ⁽³³⁾	NO On/Off Contra ⁽³⁵⁾ ⁽³⁶⁾ ⁽³⁷⁾ PH Phase Dimming ⁽³⁶⁾ ⁽³⁷⁾ ⁽³⁸⁾ ⁽³⁹⁾ PPH Phase Dimming 1% ⁽¹⁵⁾ ⁽³⁷⁾ ⁽³⁹⁾ ⁽⁴⁰⁾ DAMC Standard 0-10V Dimming 1% Linear Curve ⁽³⁷⁾ ⁽⁴¹⁾ ⁽⁴²⁾ ⁽⁴³⁾ ⁽⁴⁴⁾ DA1 Standard 0-10V Dimming 1% Linear Curve ⁽³⁶⁾ ⁽⁴⁵⁾ DA2 Standard 1-10V Dimming 1% Logarithmic Curve ⁽⁴⁵⁾ ⁽⁴⁶⁾ DA3 Standard 0-10V Dimming 1% Linear Curve (347V) ⁽³⁶⁾ ⁽⁴⁶⁾ PDA1 Professional 0-10V Dimming 0.1% Linear Curve ⁽³⁶⁾ ⁽³⁷⁾ PDA2 Professional 0-10V Dimming 0.1% Logarithmic Curve ⁽³⁶⁾ ⁽³⁷⁾ SDALI1 Standard DALI Dimming 1% Linear Curve ⁽⁴³⁾ ⁽⁴⁷⁾ SDALI2 Standard DALI Dimming 1% Logarithmic Curve ⁽⁴³⁾ ⁽⁴⁷⁾ DALI1 Professional DALI Dimming 0.1% Linear Curve ⁽³⁶⁾ ⁽³⁷⁾ ⁽⁴⁸⁾ DALI2 Professional DALI Dimming 0.1% Logarithmic Curve ⁽³⁶⁾ ⁽³⁷⁾ ⁽⁴⁸⁾ DALI18 DALI-2 T8 Enabled Dimming 1% ⁽⁴⁹⁾ ⁽⁵⁰⁾ ES Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black ⁽¹⁵⁾ ⁽³⁷⁾ ⁽⁵¹⁾ ⁽⁵²⁾ LT Lumentalk Enabled Dimming ⁽⁵³⁾ ⁽⁵⁴⁾ DMX/RDM DMX/RDM Enabled Dimming 1% ⁽⁵³⁾ ⁽⁵⁵⁾ ⁽⁵⁶⁾	NA No Accessory SN Snoot ⁽⁵⁹⁾ HSN Half Snoot ⁽⁵⁹⁾ HL Honeycomb Louver ⁽⁶⁰⁾ XLVR Concentric Ring Louver ⁽⁶¹⁾ CL Clear Glass Lens SL Softening Glass Lens PD Prismatic Diffuser ⁽⁶²⁾ LSN Linear Spread Lens Narrow (1° x 40°) ⁽⁶³⁾ ⁽⁶⁴⁾ LSW Linear Spread Lens Wide (1° x 60°) ⁽⁶⁴⁾ ⁽⁶⁵⁾ DR Decorative Ring ⁽⁶⁶⁾	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 & Finish ⁽⁹⁾	b Bezel	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 & Finish ⁽⁹⁾

Notes:

- 9.** Longer lead times can be expected for custom RAL color finishes.

15. Not available for XN and VN optics.

19. Available for CR80 only.

20. Available for 1000 and 1300 lumens when combined with CR90 and NFR, M, MFR, W or WFR optics only.

21. NFR, MFR and WFR faceted reflector optics are recommended for optimal performance.

22. Not available for WW or DAS optics.

23. Available for 1300 lumens when combined with CR80 and NFR, M, MFR, W or WFR optics only.

24. Available for 2200K, 2700K, 3000K, 3500K, 4000K and DWH, DWW or DWWP color options only.

25. CR95 and RCR95 available up to 1300 lumens for NS, WW and DAS optics and up to 2000 lumens for N, NFR, M, MFR, W and WFR optics.

26. CR95 and RCR95 available up to 1300 lumens for NS, WW and DAS optics and up to 2000 lumens for N, NFR, M, MFR, W and WFR optics.

27. Radiant CRI options available for 3000K only.

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

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

30. Available up to 2000 lumens.

31. Optical accessories are not available for WW or DAS optics.

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

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

34. Control options vary according to color temperature, color rendering and optics combination. Refer to website product configurator for details.

35. Manufacturer's choice driver. Order code may change to NO1.
- 36.** Available up to 1300 lumens (CR80, RCR80, CR90, CR95 or RCR95) and 2000 lumens (CR80, RCR80 or CR90) for NS and WW optics. Available up to 1300 lumens (CR80, RCR80, CR90, CR95 or RCR95) for DAS optic. Available up to 2000 lumens (CR80, RCR80, CR90, CR95 or RCR95) for N optic and up to 3000 lumens (CR80, RCR80 or CR90) for NFR, M, MFR, W and WFR optics.

37. Not available for DTW, DTWP, DWH, DWW or DWWP color options.

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

39. Available for 120V voltage option only.

40. Manufacturer's choice driver. Order code is subject to change.

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

42. Not available for XN and VN optics.

43. Not available with 347V.

44. Available up to 2000 lumens when combined with CR90 or CR95 color rendering options.

45. Not available for DWH, DWW or DWWP color options.

46. Not available for XN or VN optics and DWH, DWW or DWWP color temperature options.

47. Available for DTW and DTWP color options only, when combined with 1000 or 1300 lumens.

48. Consult factory for other DALI control options for static color temperatures.

49. Available for DWH, DWW and DWWP color options only. DALI-2 Type 8 controller required.

50. Consult factory for DALI18 control option.

51. One EcoSystem® address per fixture. 1% minimum dimming value. Lutron® EcoSystem® Enabled dimming not available for 700 lumens or 1000 lumens.

52. Not available for 3000 lumens.

53. Available up to 1300 lumens (CR80, RCR80, CR90, CR95 or RCR95) and 2000 lumens (CR80, RCR80 or CR90) for NS and WW optics. Available up to 1300 lumens (CR80, RCR80, CR90, CR95 or RCR95) for DAS optic. Available up to 2000 lumens (CR80, RCR80, CR90, CR95 or RCR95) for N, NFR, M, MFR, W and WFR optics.

54. A Lumentranslator 2 (LTL2) and LumenID (LID) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.

55. A Control Box (CBX-DS or CBX-ST) and LumenID (LID) must be specified.

56. Configurable to 1, 2, or 3 channel control via RDM in the field.

57. 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.

58. Maximum of two lenses can be installed per fixture. The Snoot (SN) or Half Snoot (HSN) can be combined with any accessory. The Clear Glass Lens (GL) and Softening Glass Lens (SL) cannot be combined together. The Linear Spread Lenses (LSN and LSW) are compatible with the Snoot and Half Snoot accessories only.

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

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

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

62. Can be combined with HL accessory for 2200K, 2700K, 3000K, 3500K and 4000K color options only.

63. Nominal 10° x 40° distribution when used with the NS optic.

64. Available for XN, VN, NS, N and NFR optics when combined with 2200K, 2700K, 3000K, 3500K, 4000K color options only. Available for NFR optic only when combined with DTW, DTWP, DWH, DWW or DWWP color options only.

65. Nominal 10° x 60° distribution when used with the NS optic.

66. No other accessories can be combined with the decorative ring accessory. A decorative ring replaces the bezel on a fixture. Do not specify a bezel finish.