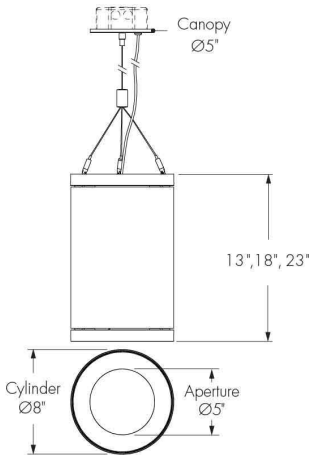


Project Name

Qty

Type

Catalog / Part Number



Front view

Bottom view

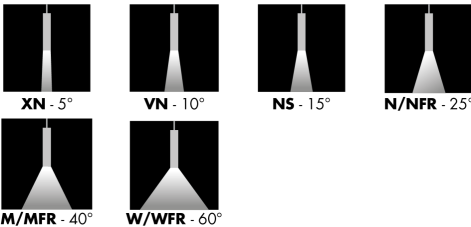
Photometric Summary

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

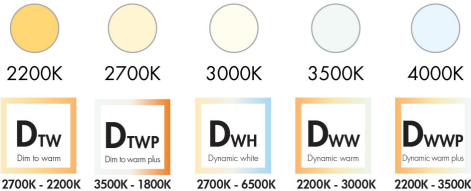
Nominal output [lm]	Delivered output [lm] <sup>[1]</sup>	Power (120V) [W] <sup>[2]</sup>	Efficacy [lm/W]	Power (277V) [W] <sup>[2]</sup>	Efficacy [lm/W]
700	698	6.5	107	8	87
1000	921	8	115	10	92
1300	1,256	11	114	13	97
2000	1,953	18	109	19	103

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

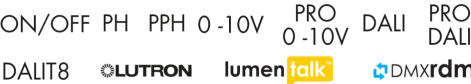
Optics



Colors and Color Temperatures



Controls



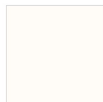
Description

The Lumencore Cylinder Large Pendant is a high-performance LED luminaire that is ideal for commercial, residential or hospitality applications and delivers up to 5000 lumens from an 8 in diameter. The Lumencore Cylinder Large 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	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	13 in, 18 in, 23 in
Direct Lighting Output (nominal lumens)	700lm, 1000lm, 1300lm, 2000lm, 3000lm, 4000lm, 5000lm, 6000lm
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°
Optical Accessories	Snoot , Half snoot, Clear glass lens, Softening glass lens , Prismatic Diffuser, Linear spread lens narrow (1° x 40°), Linear spread lens wide (1° x 60°), Honeycomb louver
Warranty	5-year limited warranty


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



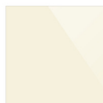
GLR-Glossy red




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)

Certifications



RoHS



Performance

Maximum Delivered Output

Up to 6,082 lm (medium faceted reflector optic 40°, 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

Physical

Weight

Up to 14.75 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 1% dimming, Standard 0-10V dimming to 1% linear curve, Standard 0-10V (1% linear or logarithmic), Pro 0-10V (0.1% linear or logarithmic), Standard DALI (1% linear or logarithmic), DALI (0.1% linear or logarithmic), DALI-2 dimming Type 8 (multi channel capability), Lumentalk, Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black, DMX/RDM enabled

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)

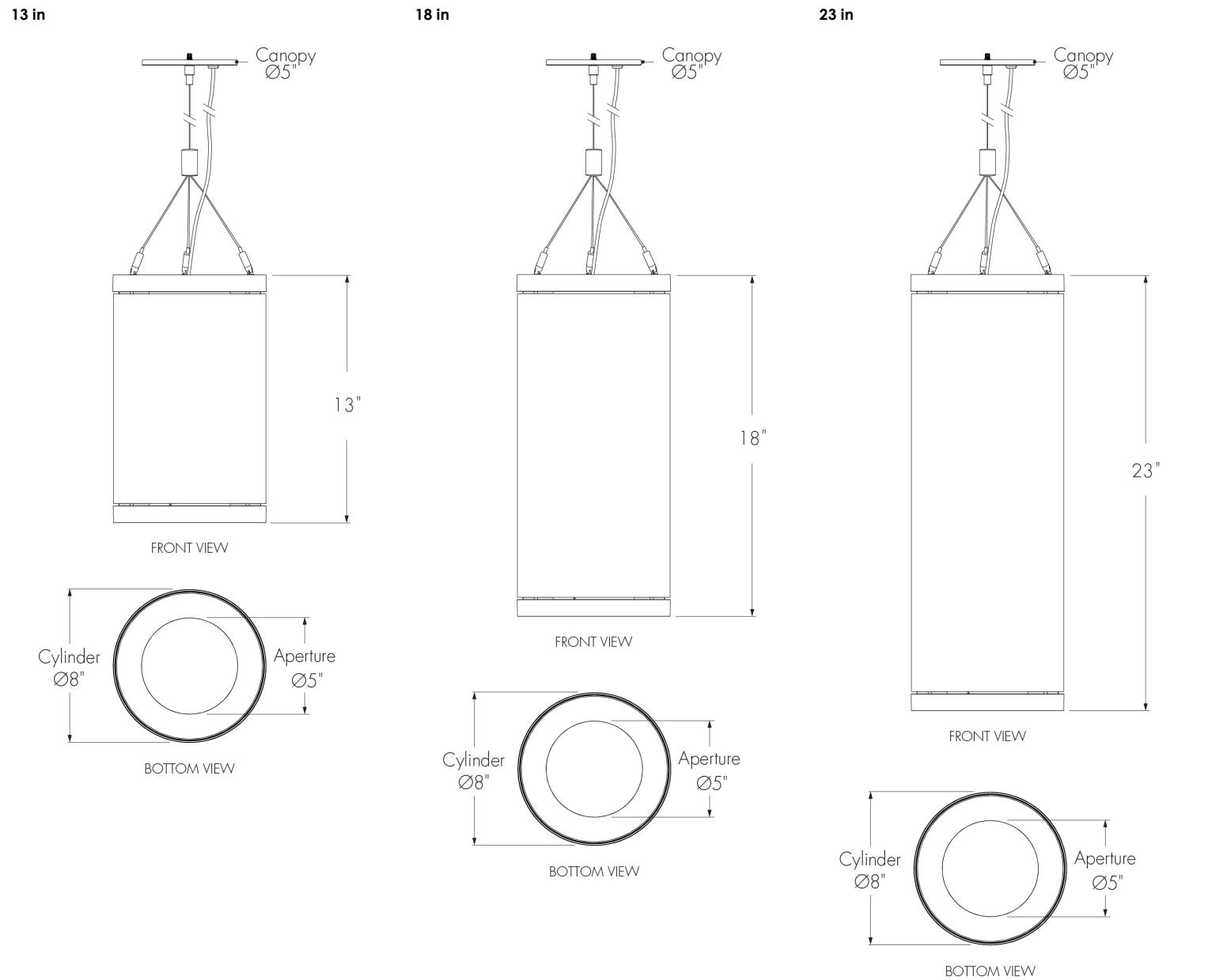
Control Systems

Lumentone™ 2 (LTN2), Pharos® kit (PHAROS), Consult control systems section for details

Diagnostic and Addressing Tools

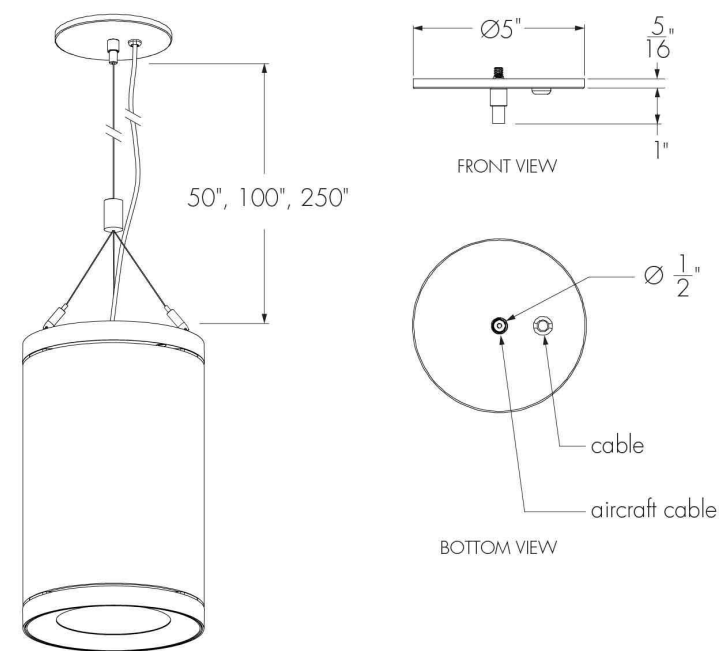
LumenID (LID), LumentalkID (LIDLT)

Fixture Dimensions (Shown With Flat Canopy & Cable Options)

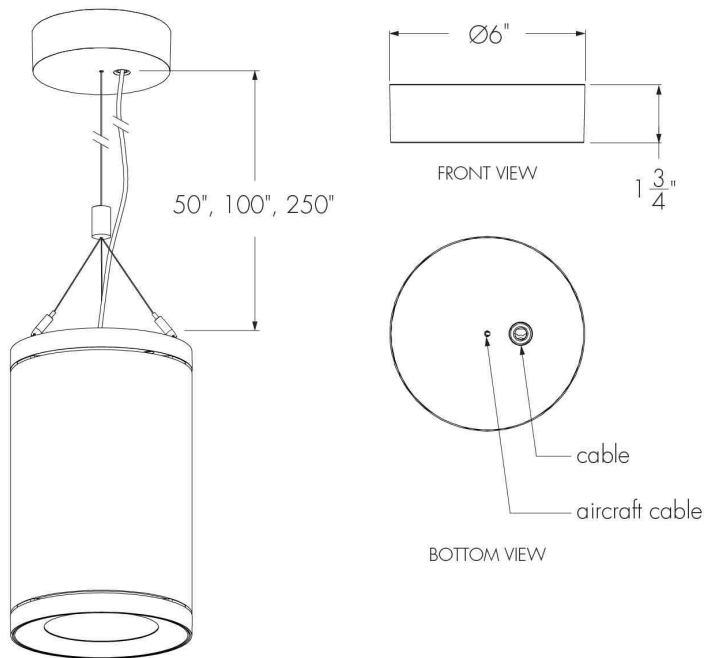


Mounting Option Dimensions (13 in Fixture Shown)

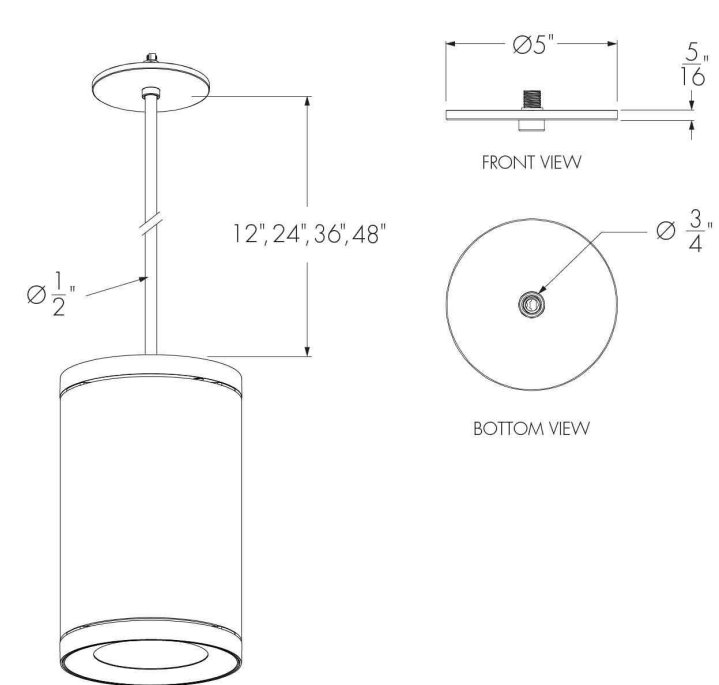
Flat Canopy & Cable Option



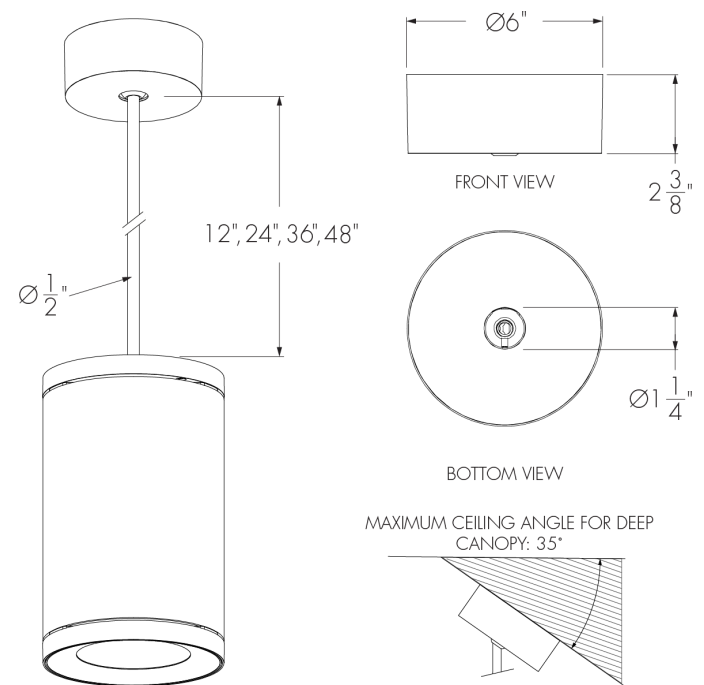
Deep Canopy & Cable Option



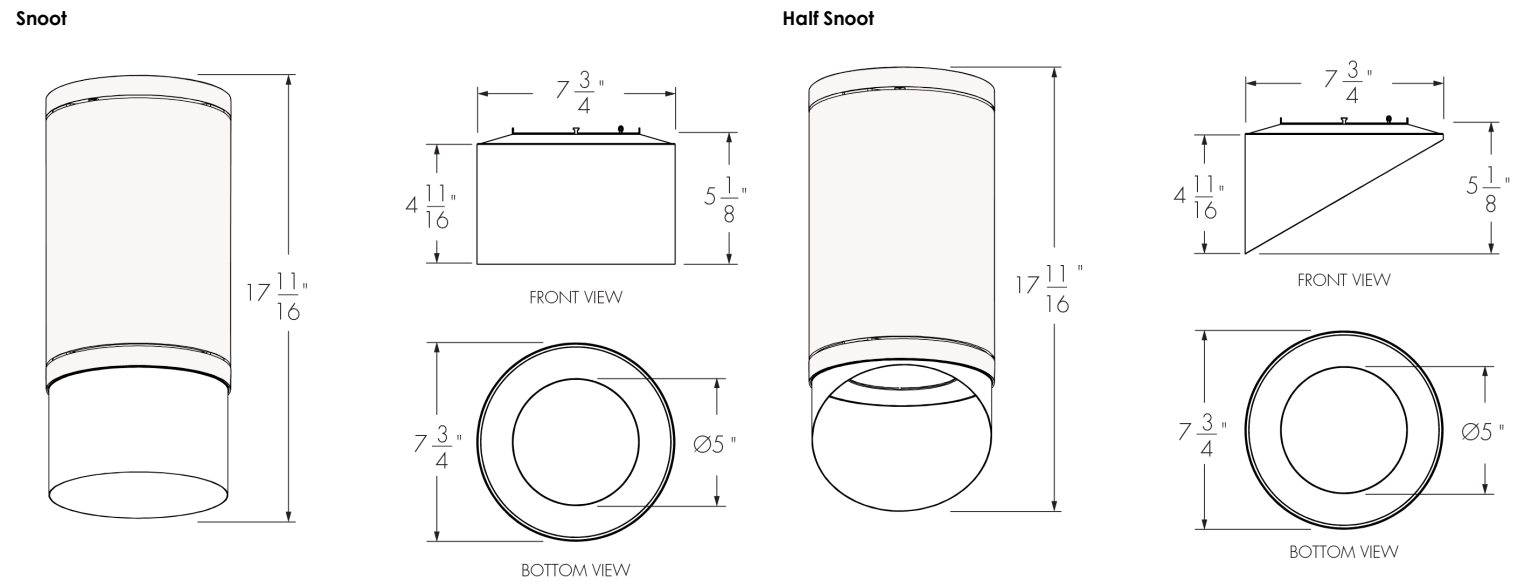
Flat Canopy & Stem Option



Deep Canopy & Stem Option



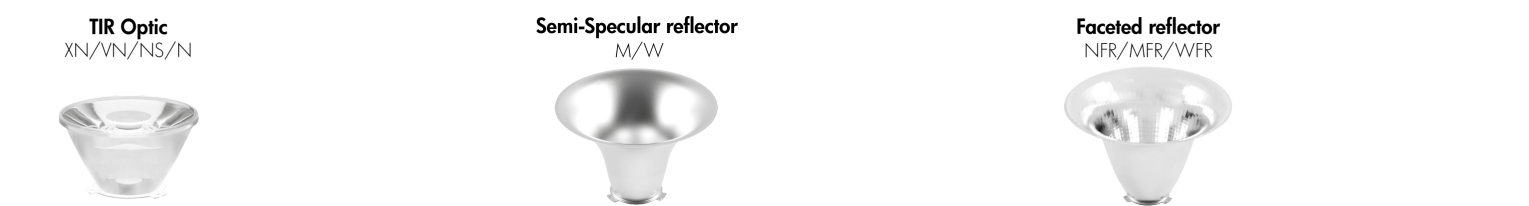
Optical Accessory Dimensions (13 in Fixture Shown)



Photometric Information - Color Rendering Options Comparison, 3000K

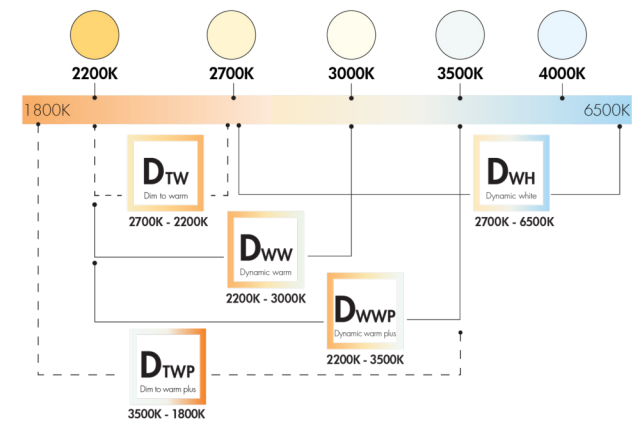
Color sample	Ra	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
CRI 80+	84	82	90	97	83	82	88	86	63	15	77	83	68	84	98	75
CRI 90+	94	95	98	99	95	94	97	91	80	55	93	97	83	96	99	89
CRI 95+	97	96	97	99	96	96	95	96	97	97	96	95	86	96	98	97
Radiant CRI 80+	84	83	91	96	81	82	89	83	62	15	79	80	69	85	98	76
Radiant CRI 95+	95	95	94	95	98	94	90	94	96	96	89	95	80	94	98	96

Optics

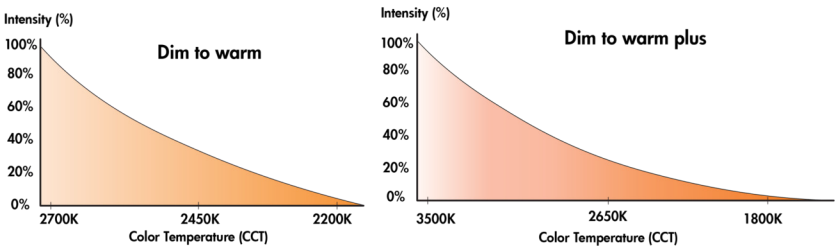


Color and Color Temperature

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 & LT 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

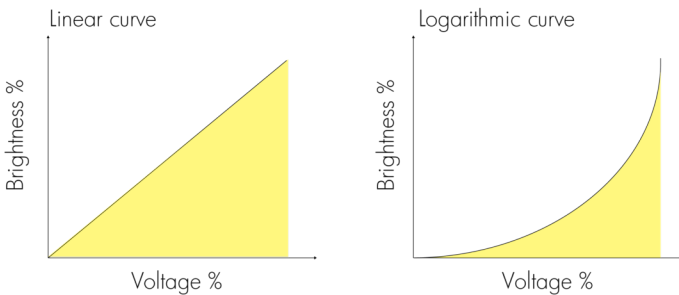
**Professional DALI dimming down to 0.1%**  
DALI1 - Pro DALI dimming, 0.1% linear  
DALI2 - Pro DALI dimming, 0.1% logarithmic

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

**lumen talk dimming**  
LT - Lumentalk dimming, 1% minimum dimming value

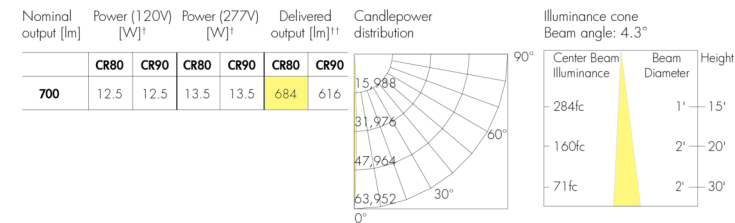
**Lutron® EcoSystem®**  
ES - Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black  
1% minimum dimming value

**DMXrdm**  
DMX/RDM - DMX/RDM enabled

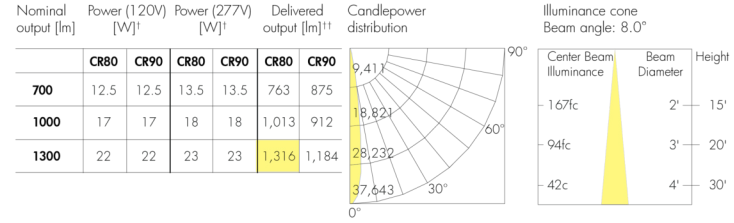


Photometric Information - Direct Lighting Optics

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

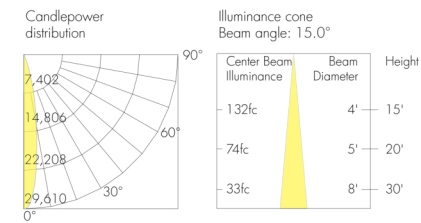


VN - Very Narrow Spot (Nominal 10°), 4000K



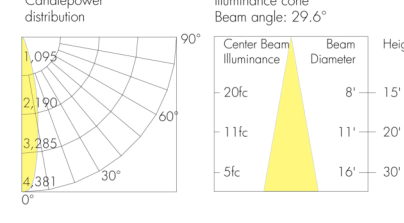
NS - Narrow Spot (Nominal 15°), 4000K

Nominal output [lm]	Power (120V) [W]†			Power (277V) [W]†			Delivered output [lm]††		
	CR80	CR90	CR95	CR80	CR90	CR95	CR80	CR90	CR95
700	7.5	7.5	8.5	9	9	10.5	969	969	872
1000	11	11	13	13	13	15	1,279	1,279	1,151
1300	13	13	18	15	15	20	1,744	1,744	1,570
2000	21	21	N/A	22	22	N/A	2,713	2,713	N/A



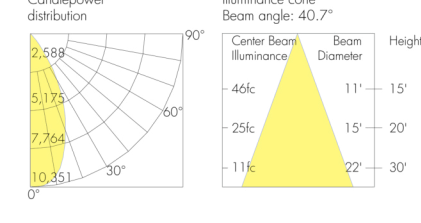
N - Narrow (Nominal 25°), 4000K

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	698	698	628
1000	8	8	11	10	10	13	921	921	829
1300	11	11	13	13	13	15	1,256	1,256	1,130
2000	18	18	21	19	19	22	1,953	1,953	1,758



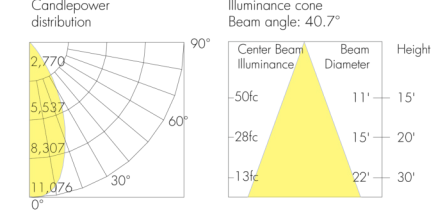
M - Medium (Nominal 40°), 4000K

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	736	736	662
1000	8	8	11	10	10	13	971	971	874
1300	11	11	13	13	13	15	1,324	1,324	1,192
2000	18	18	21	19	19	22	2,060	2,060	1,854
3000	28	23	41	29	24	41	3,090	3,090	2,781
4000	41	31	N/A	41	32	N/A	4,046	4,046	N/A
5000	52	39	N/A	52	39	N/A	4,781	4,781	N/A
6000	N/A	51	N/A	N/A	51	N/A	N/A	6,072	N/A



MFR - Medium Faceted Reflector (Nominal 40°), 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	788	788	708
1000	8	8	11	10	10	13	1,039	1,039	935
1300	11	11	13	13	13	15	1,417	1,417	1,275
2000	18	18	21	19	19	22	2,204	2,204	1,984
3000	28	23	41	29	24	41	3,306	3,306	2,976
4000	41	31	N/A	41	32	N/A	4,329	4,329	N/A
5000	52	39	N/A	52	39	N/A	4,789	4,789	N/A
6000	N/A	51	N/A	N/A	51	N/A	N/A	6,082	N/A



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

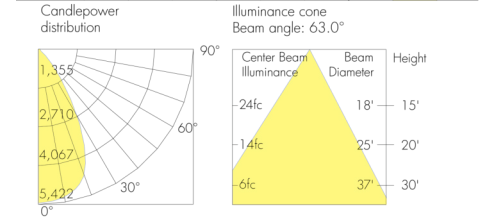
Add 3 watts for 347V combined with NS, N, NFR, M, MFR, W or WFR optics and CR90.

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

Photometric performance is measured in compliance with IESNA LM-79-08.

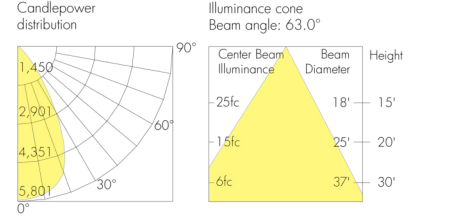
W - Wide (Nominal 60°), 4000K

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	693	693	624
1000	8	8	11	10	10	13	915	915	824
1300	11	11	13	13	13	15	1,248	1,248	1,123
2000	18	18	21	19	19	22	1,941	1,941	1,747
3000	28	23	41	29	24	41	2,911	2,911	2,620
4000	41	31	N/A	41	32	N/A	3,813	3,813	N/A
5000	52	39	N/A	52	39	N/A	4,506	4,506	N/A
6000	N/A	51	N/A	N/A	51	N/A	N/A	5,723	N/A



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

Nominal output [lm]	Power (120V) [W]†			Power (277V) [W]†			Delivered output [lm]††		
	CR80	CR80	CR95	CR80	CR80	CR95	CR80	CR90	CR95
700	6.5	6.5	7	8	8	9	742	742	668
1000	8	8	11	10	10	13	979	979	882
1300	11	11	13	13	13	15	1,335	1,335	1,202
2000	18	18	21	19	19	22	2,077	2,077	1,869
3000	28	23	41	29	24	41	3,115	3,115	2,803
4000	41	31	N/A	41	32	N/A	4,080	4,080	N/A
5000	52	39	N/A	52	39	N/A	4,513	4,513	N/A
6000	N/A	51	N/A	N/A	51	N/A	N/A	5,732	N/A



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

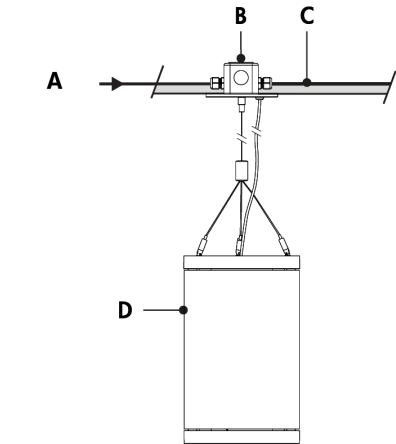
Add 3 watts for 347V combined with NS, N, NFR, M, MFR, W or WFR optics and CR90.

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

Photometric performance is measured in compliance with IESNA LM-79-08.

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

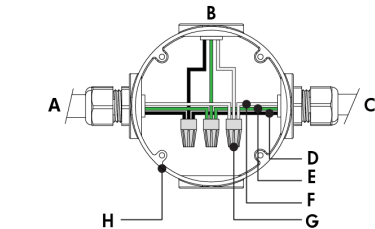
On/Off Control (NO)



- A - Power input (120-347V)
- B - 4 in octagonal/round junction box (by others)
- C - Power wiring (by others)
- D - Lumencore Cylinder Large Pendant

- 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



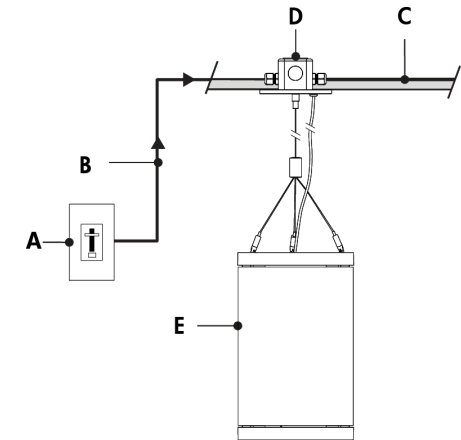
- A - Power input or from previous fixture
- B - To fixture
- C - To next fixture
- D - Line
- E - Ground
- F - Neutral
- G - Wire-nuts (by others)
- H - 4 in octagonal/round junction box (by others)

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 -



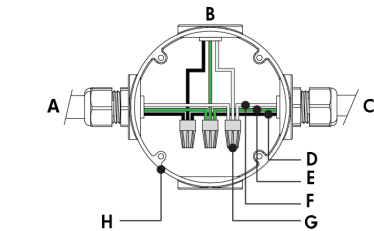
Phase Dimming (PH, PPH, PPH2)



- 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 Large 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

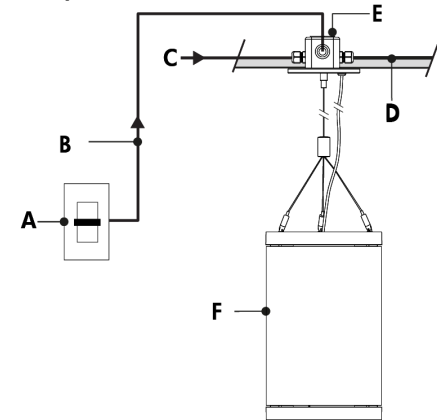


- A - Power input or from previous fixture
- B - To fixture
- C - To next fixture
- D - Line
- E - Ground
- F - Neutral
- G - Wire-nuts (by others)
- H - 4 in octagonal/round junction box (by others)

Wiring Color Code

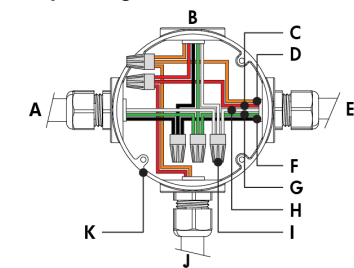
Color	USE
Green	Ground
Black	Line
White	Neutral
Red or purple	0-10V / Data +
Orange or grey or pink	0-10V / Data -

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



- 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 Large Pendant

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



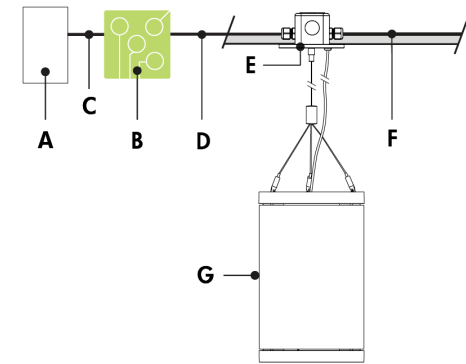
- A - Power input or from previous fixture
- B - To fixture
- C - 0-10V +
- D - 0-10V -
- E - To next fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nuts (by others)
- J - From dimmer (by others)
- K - 4 in octagonal/round junction box (by others)

Wiring Color Code

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

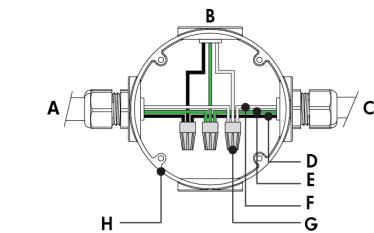
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Consult Photometric Information pages for wattage information.

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 Large 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




LACYL - SN

CL - Clear Glass Lens



LACYL - CL

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




Horizontal Beam Distribution

Vertical Beam Distribution


LACYL - LSN

HSN - Half Snoot




LACYL - HSN

SL - Softening Glass Lens



LACYL - SL

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

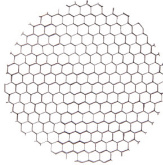


Horizontal Beam Distribution

Vertical Beam Distribution


LACYL - LSW

HL - Honeycomb Louver



LACYL - HL

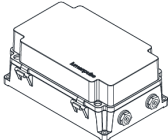
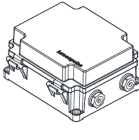
PD - Prismatic Diffuser



LACYL - PD

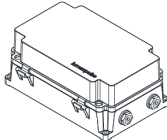
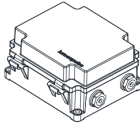
Control Boxes (Order Separately)

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.

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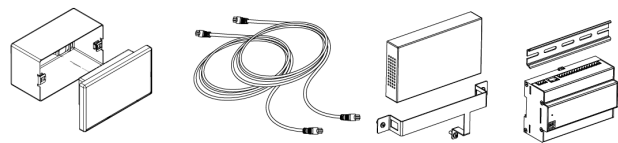
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Control Systems (Order Separately)

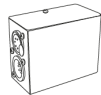
PHAROS - Pharos® Kit



The Pharos kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations. 2 DMX universes kit shown.

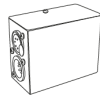
Diagnostic And Addressing Tools (Order Separately)

LID - LumenID



LumenID is a diagnostic and addressing DMX/RDM tool. It must be specified on all DMX applications. Consult LID specification sheet for details.

LID-LT - LumentalkID



LumentalkID is a diagnostic and addressing tool. It must be specified for all Lumentalk (LT) applications. Consult LID-LT specification sheet for details.

How to Order

Housing <sup>(1)</sup>	Certification	Mounting	Mounting Option Finish	Mounting Length	Light Direction	Voltage	Length	Direct Lighting Output (nominal lumens)	Direct Lighting Color Temperature
LACYL Lumencore Cylinder Large - Ø8 in	A UL/cUL	PMF Pendant mount flat canopy (aircraft cable)  PMD Pendant mount deep canopy (aircraft cable)  PSF Pendant stem mount flat canopy <sup>(2)</sup>  PSD Pendant stem mount deep canopy <sup>(2)</sup>	MWH Matte White	M1 Metal pipe (12 in) <sup>(5)</sup>	D Direct lighting	120 120 volts	13 13 in	dL07 700lm	22K 2200K <sup>(8)</sup> <sup>(13)</sup>
			MBK Matte Black	M2 Metal pipe (24 in) <sup>(5)</sup>		277 277 volts	18 18 in	dL10 1000lm <sup>(9)</sup>	27K 2700K
			MSI Matte Silver	M3 Metal pipe (36 in) <sup>(5)</sup>		347 347 volts <sup>(7)</sup> <sup>(8)</sup>	23 23 in	dL13 1300lm <sup>(9)</sup>	30K 3000K
			CC Custom color <sup>(3)</sup> <sup>(4)</sup>	M4 Metal pipe (48 in) <sup>(5)</sup>				dL20 2000lm <sup>(10)</sup>	35K 3500K
				ACC50BK Aircraft cable black (50 in, field adjustable) <sup>(6)</sup>				dL30 3000lm <sup>(11)</sup>	40K 4000K
				ACC100BK Aircraft cable black (100 in, field adjustable) <sup>(6)</sup>				dL40 4000lm <sup>(11)</sup>	DTW Dim to Warm (2700K to 2200K) <sup>(14)</sup> <sup>(15)</sup>
				ACC250BK Aircraft cable black (250 in, field adjustable) <sup>(6)</sup>				dL50 5000lm <sup>(11)</sup>	DTWP Dim to Warm Plus (3500K to 1800K) <sup>(14)</sup> <sup>(15)</sup>
				ACC50WH Aircraft cable white (50 in, field adjustable) <sup>(6)</sup>				dL60 6000lm <sup>(11)</sup> <sup>(12)</sup>	DWH Dynamic White (2700K to 6500K) <sup>(15)</sup> <sup>(16)</sup>
				ACC100WH Aircraft cable white (100 in, field adjustable) <sup>(6)</sup>					DWW Dynamic Warm White (2200K to 3000K) <sup>(15)</sup> <sup>(16)</sup>
				ACC250WH Aircraft cable white (250 in, field adjustable) <sup>(6)</sup>					DWWP Dynamic Warm White Plus (2200K to 3500K) <sup>(15)</sup> <sup>(16)</sup>

Notes:

1. Refer to website product configurator for all exceptions.

2. Stem finish matches fixture housing color.

3. Refer to Finish section for additional color codes (ex. MGR).

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

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

6. Available for PMF and PMD mounting options only.

7. Not available for 700, 5000 and 6000 lumens.

8. Not available for XN and VN optics.
9. Available for VN, NS, N, NFR, M, MFR, W and WFR optics only.

10. Available for NS, N, NFR, M, MFR, W and WFR optics only.

11. Available for NFR, M, MFR, W and WFR optics only.

12. Available for CR90 only.

13. Available for CR80 only.

14. Available for 1000, 1300, 2000 and 3000 lumens when combined with CR90 and NFR, M, MFR, W or WFR optics only.

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

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

How to Order

Direct Lighting Color Rendering	Direct Lighting Optics (nominal distribution)	Direct Lighting Control <sup>(22)</sup>	Direct Lighting Accessories <sup>(46)</sup> <sup>(47)</sup>	Finish	Bezel	Bezel Finish
<b>CR80</b> CRI 80+ <sup>(17)</sup>  <b>CR90</b> CRI 90+  <b>CR95</b> CRI 95+  <b>RCR80</b> Radiant CRI 80+ <sup>(8)</sup> <sup>(18)</sup>  <b>RCR95</b> Radiant CRI 95+ <sup>(8)</sup> <sup>(18)</sup>	<b>XN</b> Extra narrow spot 5° <sup>(19)</sup>  <b>VN</b> Very narrow spot 10° <sup>(20)</sup>  <b>NS</b> Narrow spot 15° <sup>(21)</sup>  <b>N</b> Narrow 25° <sup>(21)</sup>  <b>NFR</b> Narrow faceted reflector 25°  <b>M</b> Medium 40°  <b>MFR</b> Medium faceted reflector 40°  <b>W</b> Wide 60°  <b>WFR</b> Wide faceted reflector 60°	<b>NO</b> On/off control <sup>(23)</sup> <sup>(24)</sup> <sup>(25)</sup>  <b>PH</b> Phase dimming <sup>(25)</sup> <sup>(26)</sup> <sup>(27)</sup> <sup>(28)</sup>  <b>PPH</b> Phase 1% dimming <sup>(8)</sup> <sup>(25)</sup> <sup>(28)</sup> <sup>(29)</sup> <sup>(30)</sup>  <b>DAMC</b> Standard 0-10V dimming to 1% linear curve <sup>(25)</sup> <sup>(29)</sup> <sup>(31)</sup> <sup>(32)</sup> <sup>(33)</sup>  <b>DA1</b> Standard 0-10V dimming 1% linear <sup>(24)</sup> <sup>(34)</sup> <sup>(35)</sup>  <b>DA2</b> Standard 0-10V dimming 1% logarithmic <sup>(24)</sup> <sup>(34)</sup> <sup>(35)</sup>  <b>DA3</b> Standard 0-10V dimming 1% linear <sup>(347V)</sup> <sup>(35)</sup> <sup>(36)</sup>  <b>PDA1</b> Pro 0-10V Dimming 0.1% Linear <sup>(24)</sup> <sup>(25)</sup> <sup>(34)</sup>  <b>PDA2</b> Pro 0-10V Dimming 0.1% Logarithmic <sup>(24)</sup> <sup>(25)</sup> <sup>(34)</sup>  <b>SDALI1</b> Standard DALI dimming 1% linear <sup>(33)</sup> <sup>(37)</sup>  <b>SDALI2</b> Standard DALI dimming 1% logarithmic <sup>(33)</sup> <sup>(37)</sup>  <b>DALI1</b> Pro DALI dimming 0.1% linear <sup>(24)</sup> <sup>(25)</sup> <sup>(38)</sup>  <b>DALI2</b> Pro DALI dimming 0.1% logarithmic <sup>(24)</sup> <sup>(25)</sup> <sup>(38)</sup>  <b>DALIT8</b> DALI-2 dimming Type 8 (multi channel capability) <sup>(39)</sup> <sup>(40)</sup>  <b>ES</b> Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black <sup>(8)</sup> <sup>(25)</sup> <sup>(41)</sup> <sup>(42)</sup>  <b>LT</b> Lumentalk dimming <sup>(43)</sup> <sup>(44)</sup>  <b>DMX/RDM</b> DMX/RDM enabled <sup>(43)</sup> <sup>(45)</sup>	<b>NA</b> No accessory  <b>SN</b> Snoot <sup>(48)</sup>  <b>HSN</b> Half snoot <sup>(48)</sup>  <b>HL</b> Honeycomb louver <sup>(49)</sup>  <b>CL</b> Clear glass lens  <b>SL</b> Softening glass lens  <b>PD</b> Prismatic Diffuser <sup>(50)</sup>  <b>LSN</b> Linear spread lens narrow (1° x 40°) <sup>(51)</sup> <sup>(52)</sup>  <b>LSW</b> Linear spread lens wide (1° x 60°) <sup>(52)</sup> <sup>(53)</sup>	<b>MWH</b> Matte White  <b>MBK</b> Matte Black  <b>MBR</b> Matte Brown  <b>MOR</b> Matte Orange  <b>MGR</b> Matte Green  <b>MBL</b> Matte Blue  <b>MSI</b> Matte Silver  <b>GWH</b> Glossy White  <b>GBK</b> Glossy Black  <b>GYL</b> Glossy Yellow  <b>GLR</b> Glossy Red  <b>GVI</b> Glossy Violet  <b>GGR</b> Glossy Green  <b>GIY</b> Glossy Ivory  <b>CGY</b> Concrete Grey  <b>MLG</b> Metalized Grey  <b>IBR</b> Italian Brick Red  <b>PWH</b> Parget White  <b>CC</b> Custom Color & Finish <sup>(4)</sup>	<b>b</b> Bezel	<b>MWH</b> Matte White  <b>MBK</b> Matte Black  <b>MBR</b> Matte Brown  <b>MOR</b> Matte Orange  <b>MGR</b> Matte Green  <b>MBL</b> Matte Blue  <b>MSI</b> Matte Silver  <b>GWH</b> Glossy White  <b>GBK</b> Glossy Black  <b>GYL</b> Glossy Yellow  <b>GLR</b> Glossy Red  <b>GVI</b> Glossy Violet  <b>GGR</b> Glossy Green  <b>GIY</b> Glossy Ivory  <b>CGY</b> Concrete Grey  <b>MLG</b> Metalized Grey  <b>IBR</b> Italian Brick Red  <b>PWH</b> Parget White  <b>CC</b> Custom Color & Finish <sup>(4)</sup>

Notes:

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

8. Not available for XN and VN optics.

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

18. Radiant CRI options available for 3000K only.

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

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

21. Available up to 2000 lumens.

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

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

24. Available up to 1300 lumens (CR80, RCR80, CR90, CR95 or RCR95) and 2000 lumens (CR80, RCR80 or CR90) for NS and N optics. Available up to 3000 lumens (CR80, RCR80, CR90, CR95 or RCR95), 4000 lumens (CR80, RCR80 or CR90) and 5000 lumens (CR80, RCR80 or CR90) for NFR, M, MFR, W and WFR optics.

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

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

27. Available up to 1300 lumens (CR80, RCR80, CR90, CR95 or RCR95) and 2000 lumens (CR80, RCR80 or CR90) for NS 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.

28. Available for 120V voltage option only.

29. Available up to 3000 lumens when combined with CR80 or CR90 color rendering option. Available up to 2000 lumens when combined with CR80, CR90 or CR95 color rendering options.

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

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

32. Not available for XN and VN optics.

33. Not available with 347V.

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

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

36. Available up to 1300 lumens (CR80, RCR80, CR90, CR95 or RCR95) and 2000 lumens (CR80, RCR80 or CR90) for NS optic. Available up to 2000 lumens (CR80, RCR80, CR90, CR95 or RCR95) for N optic and up to 4000 lumens (CR80, RCR80 or CR90) for NFR, M, MFR, W and WFR optics.

37. Available for DTW and DTWP color options only, when combined with 1000, 1300, 2000 or 3000 lumens.

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

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

40. Consult factory for DALIT8 control option.

41. One EcoSystem® address per fixture. 1% minimum dimming value. Lutron® EcoSystem® Enabled dimming not available for 700 lumens, 1000, 4000, 5000 or 6000 lumens.

42. Available for 1300 lumens (CR80, RCR80, CR90, CR95 or RCR95) and 2000 lumens (CR80, RCR80 or CR90) for NS optic. Available up to 2000 lumens (CR80, RCR80, CR90, CR95 or RCR95) for N optic and up to 3000 lumens (CR80, RCR80, CR90, CR95 or RCR95) for NFR, M, MFR, W and WFR optics.

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

44. A Lumentranslator 2 (LTL2) and LumentalkID (LIDLIT) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.

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

46. 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.

47. 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.

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

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

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

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

52. 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.

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

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