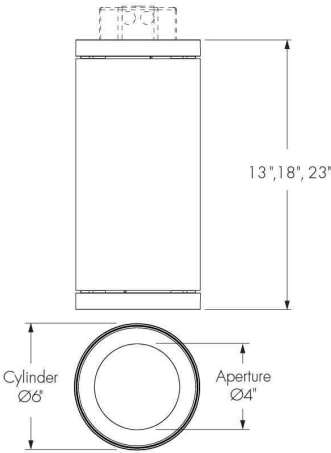


Project Name

Qty

Type

Catalog / Part Number



Front view

Bottom view

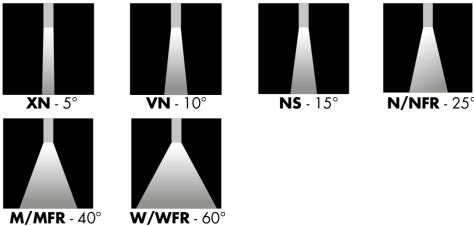
Photometric Summary

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™.

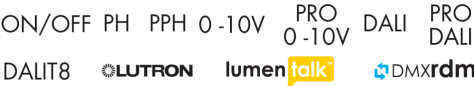
Optics



Colors and Color Temperatures



Controls



Description

The Lumencore Cylinder Medium Surface Mount is a high-performance LED luminaire that is ideal for commercial, residential or hospitality applications and delivers up to 4000 lumens from a 6 in diameter. The Lumencore Cylinder Medium Surface Mount 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	Surface Mount
Light Direction	Direct lighting
Length	13 in, 18 in, 23 in
Direct Lighting Output (nominal lumens)	700lm, 1000lm, 1300lm, 2000lm, 3000lm, 4000lm, 5000lm
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, Honeycomb louver, Clear glass lens, Softening glass lens , Prismatic Diffuser, Linear spread lens narrow (1° x 40°), Linear spread lens wide (1° x 60°)
Warranty	5-year limited warranty
Performance	
Maximum Delivered Output	Up to 5,019 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)

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



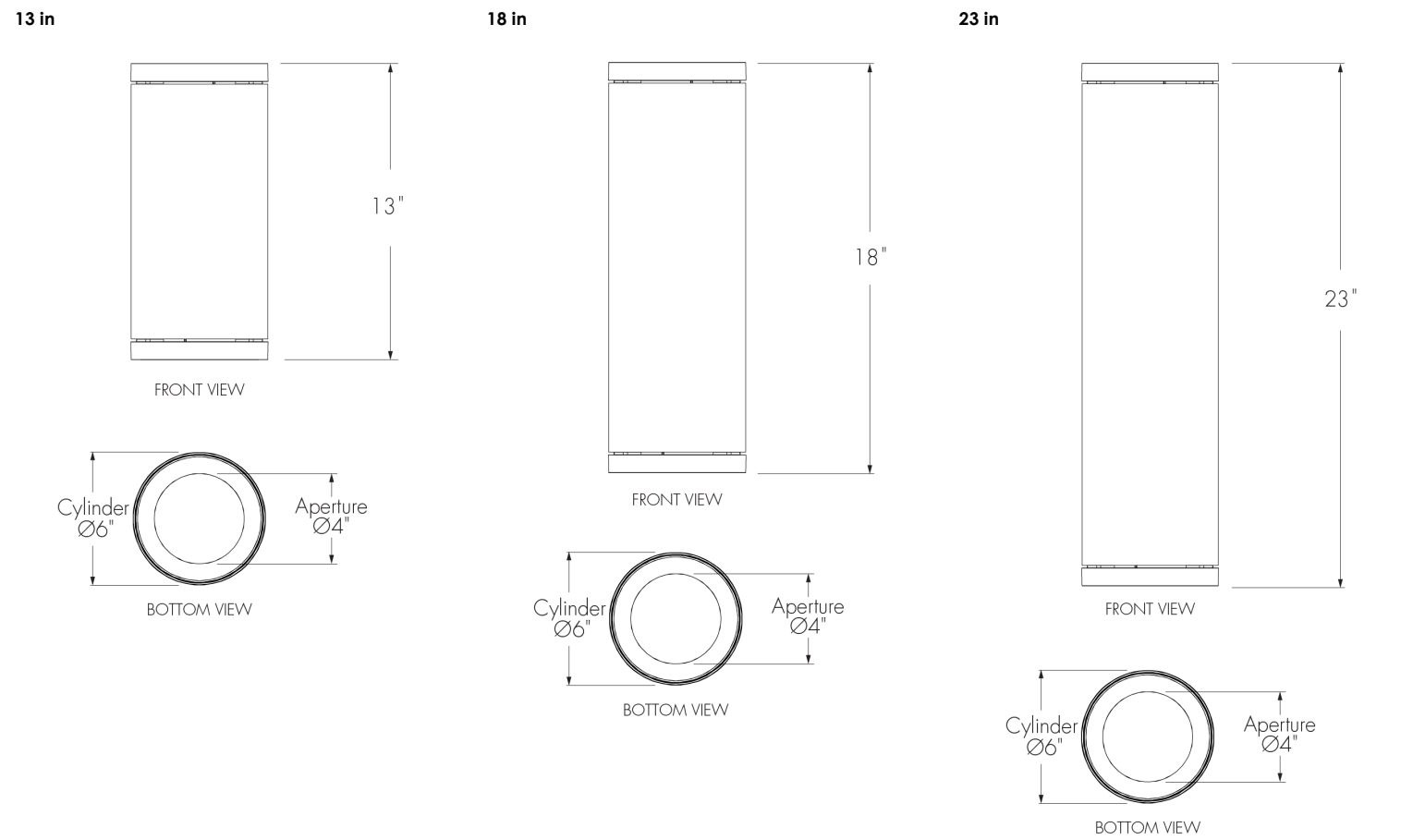
CC-Custom color and finish  
(Please specify RAL color)

Certifications

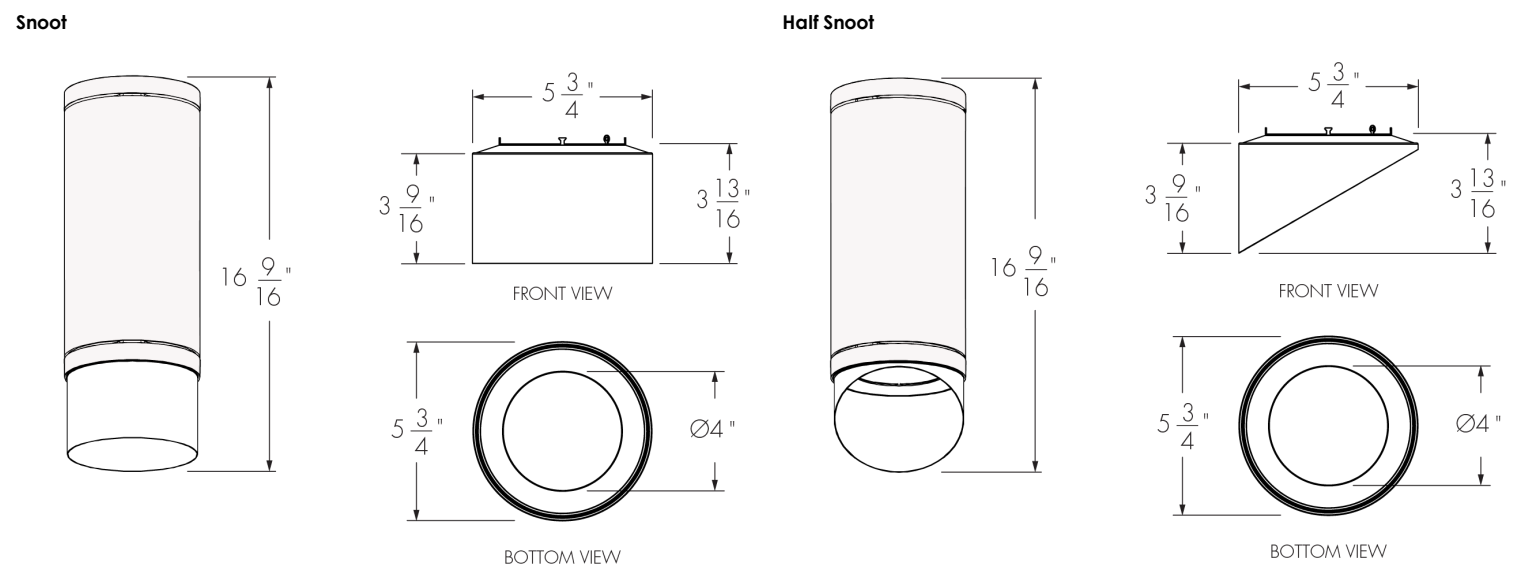


Efficacy	Up to 129 lm/W (narrow spot optic 15°, 4000K, CRI 80)
Color Consistency	2 SDCM, 3 SDCM (XN optic only)
Color Rendering	CRI 80+, CRI 90+, CRI 95+
Lumen Maintenance	L95 55,000 hrs L70 225,000 hrs
UGR	< 19
Physical	
Weight	Up to 10.58 lbs
Housing Material	Aluminum
TIR Optics Material	Clear polycarbonate
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



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

TIR Optic  
XN/VN/NS/N



Semi-Specular reflector  
M/W

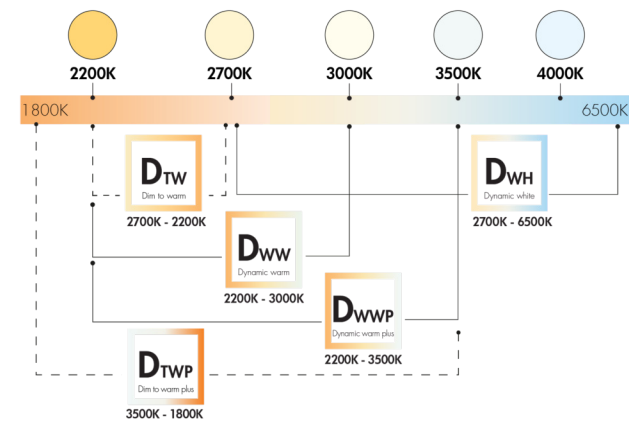


Faceted reflector  
NFR/MFR/WFR

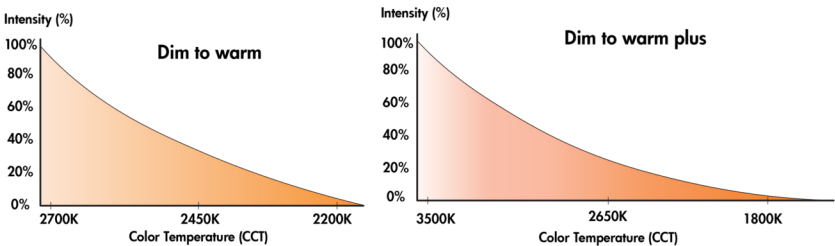


Color and Color Temperature

Color Temperature Ranges



- 1 channel (DTW, DTWP) Compatible with: DA1 SDALI DMXrdm lumen talk
  - 2 channels (DWH, DWW, DWWP) Compatible with: DALI2 DMXrdm lumen talk
  - 3 channels\* (DWH, DWW, DWWP) Compatible with: DALI2 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

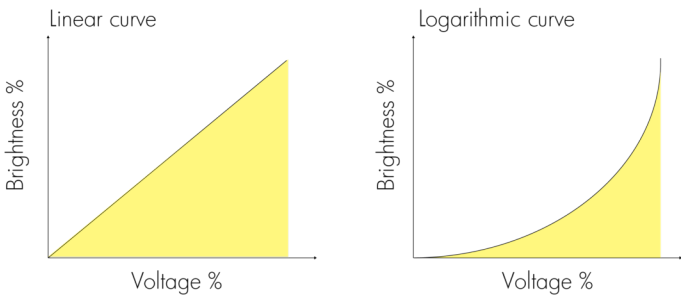
Professional DALI dimming down to 0.1%  
DALI1 - Pro DALI dimming, 0.1% linear  
DALI2 - Pro DALI dimming, 0.1% logarithmic

DALI dimming Type 8  
DALI2 - DALI-2 dimming Type 8 (multi channel capability)

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

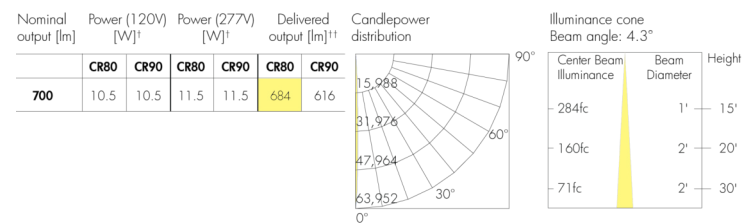
Lutron® EcoSystem®  
ES - Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black  
1% minimum dimming value

DMXrdm  
DMX/RDM - DMX/RDM enabled

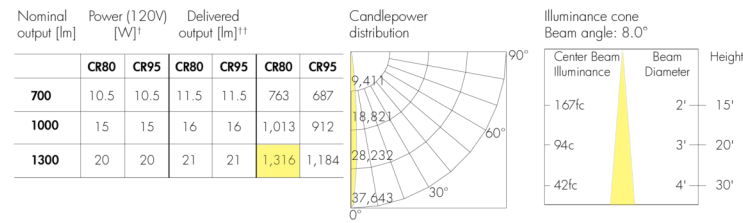


Photometric Information - Direct Lighting Optics

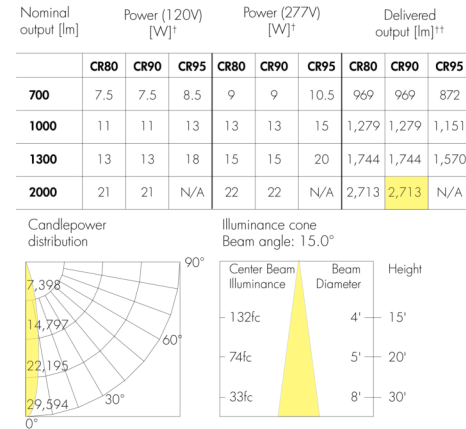
XN - Extra Narrow Spot (Nominal 5°), 4000K



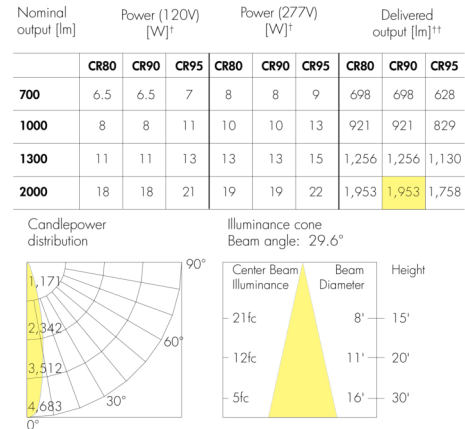
VN - Very Narrow Spot (Nominal 10°), 4000K



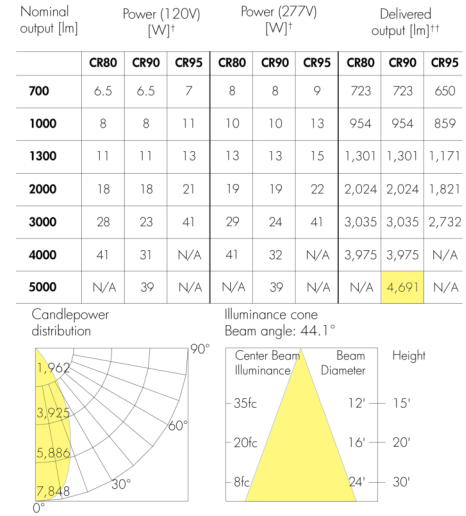
NS - Narrow Spot (Nominal 15°), 4000K



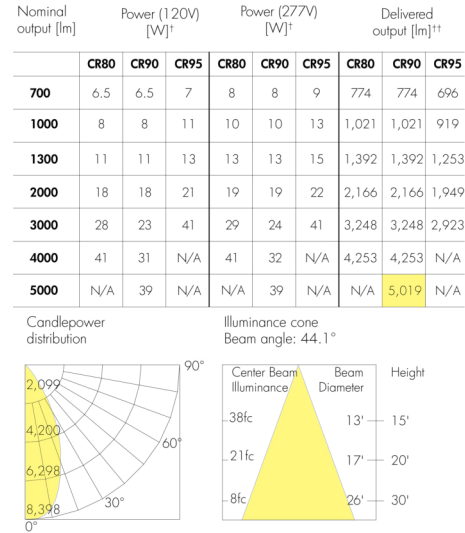
N - Narrow (Nominal 25°), 4000K



M - Medium (Nominal 40°), 4000K



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



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

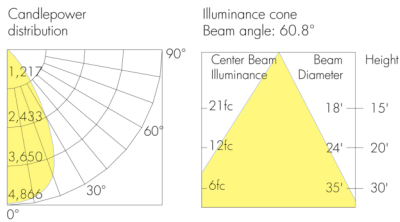
Add 3 watts for 347V combined with NS, N, MFR, M, MFR, W or WFR optics and CR90.

††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] <sup>†</sup>			Power (277V) [W] <sup>†</sup>			Delivered output [lm] <sup>††</sup>		
	CR80	CR90	CR95	CR80	CR90	CR95	CR80	CR90	CR95
<b>700</b>	6.5	6.5	7	8	8	9	677	677	609
<b>1000</b>	8	8	11	10	10	13	893	893	804
<b>1300</b>	11	11	13	13	13	15	1,218	1,218	1,096
<b>2000</b>	18	18	21	19	19	22	1,894	1,894	1,705
<b>3000</b>	28	23	41	29	24	41	2,841	2,841	2,557
<b>4000</b>	41	31	N/A	41	32	N/A	3,721	3,721	N/A
<b>5000</b>	N/A	39	N/A	N/A	39	N/A	N/A	4,391	N/A



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

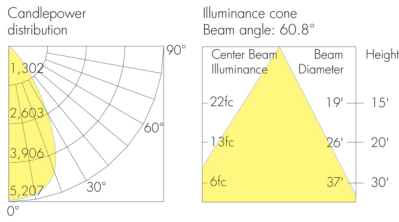
Add 3 watts for 347V combined with NS, N, NFR, M, MFR, W or WFR optics and CR90.

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

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

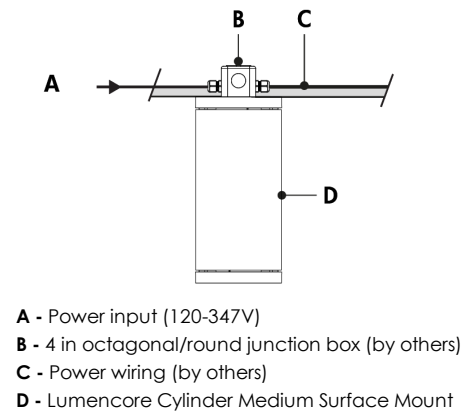
**WFR - Wide Faceted Reflector (Nominal 60°), 4000K**

Nominal output [lm]	Power (120V) [W]†			Power (277V) [W]†			Delivered output [lm]††		
	CR80	CR80	CR95	CR80	CR80	CR95	CR80	CR80	CR95
<b>700</b>	6.5	6.5	7	8	8	9	724	724	652
<b>1000</b>	8	8	11	10	10	13	956	956	860
<b>1300</b>	11	11	13	13	13	15	1,303	1,303	1,173
<b>2000</b>	18	18	21	19	19	22	2,027	2,027	1,824
<b>3000</b>	28	23	41	29	24	41	3,040	3,040	2,736
<b>4000</b>	41	31	N/A	41	32	N/A	3,982	3,982	N/A
<b>5000</b>	N/A	39	N/A	N/A	39	N/A	N/A	4,699	N/A



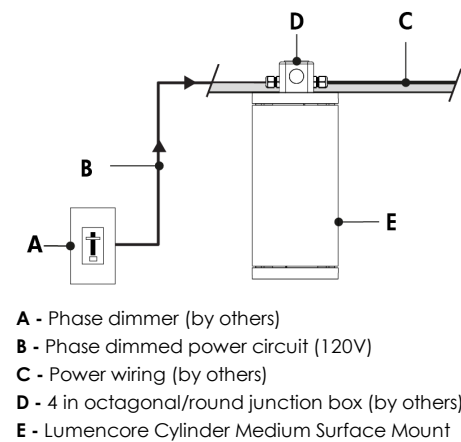
Typical Wiring Diagrams (Refer to Installation Instructions for Additional Wiring Details)

On/Off Control (NO)



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

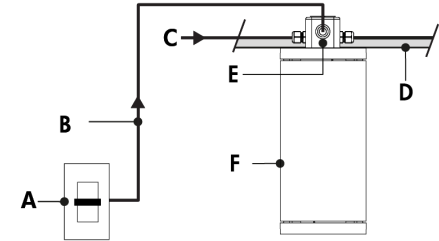
Phase Dimming (PH, PPH, PPH2)



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



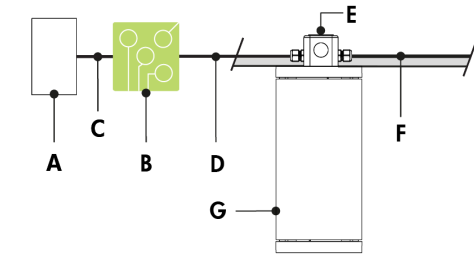
0-10V Dimming (DAMC, DA1, DA2, DA3, PDA1, PDA2)



- 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 Medium Surface Mount

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

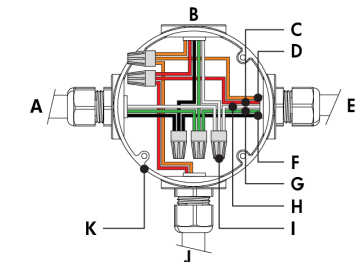
Lumentalk (LT)



- 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 Medium Surface Mount

- 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.

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

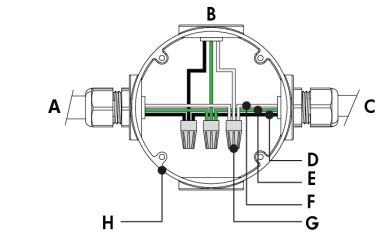


- A - Power input or from previous fixture
- B - To fixture
- C - 0-10V +
- D - 0-10V -
- E - To next fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nuts (by others)
- J - From dimmer (by others)
- K - 4 in octagonal/round junction box (by others)

Wiring Color Code

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

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	0-10V / Data -

Optical Accessories

SN - Snoot



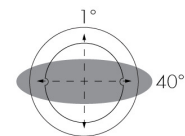
LACYM - SN

CL - Clear Glass Lens



LACYM - CL

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

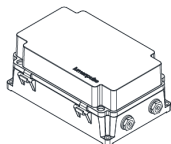
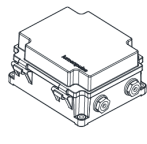


Horizontal Beam Distribution

LACYM - LSN

Control Boxes (Order Separately)

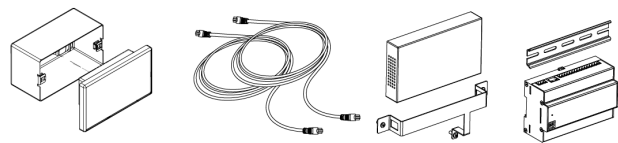
CBX-DMX/RDM - DMX/RDM Enabled (Daisy Chain or Star Configuration)



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.

Control Systems (Order Separately)

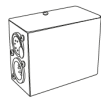
PHAROS - Pharos® Kit



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

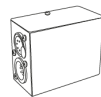
Diagnostic And Addressing Tools (Order Separately)

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	Light Direction	Voltage	Length	Direct Lighting Output (nominal lumens)	Direct Lighting Color Temperature	Direct Lighting Color Rendering	Direct Lighting Optics (nominal distribution)
LACYM Lumencore Cylinder Medium - Ø6 in	A UL/cUL	SM Surface Mount	D Direct lighting	120 120 volts  277 277 volts  347 347 volts <sup>(2)</sup> <sup>(3)</sup>	13 13 in  18 18 in  23 23 in	dL07 700lm  dL10 1000lm <sup>(4)</sup>  dL13 1300lm <sup>(4)</sup>  dL20 2000lm <sup>(5)</sup>  dL30 3000lm <sup>(6)</sup>  dL40 4000lm <sup>(6)</sup>  dL50 5000lm <sup>(6)</sup> <sup>(7)</sup>	22K 2200K <sup>(3)</sup> <sup>(8)</sup>  27K 2700K  30K 3000K  35K 3500K  40K 4000K  DTW Dim to Warm (2700K to 2200K) <sup>(9)</sup> <sup>(10)</sup>  DTWP Dim to Warm Plus (3500K to 1800K) <sup>(9)</sup> <sup>(10)</sup>  DWH Dynamic White (2700K to 6500K) <sup>(10)</sup> <sup>(11)</sup>  DWW Dynamic Warm White (2200K to 3000K) <sup>(10)</sup> <sup>(11)</sup>  DWWP Dynamic Warm White Plus (2200K to 3500K) <sup>(10)</sup> <sup>(11)</sup>	CR80 CRI 80+ <sup>(12)</sup>  CR90 CRI 90+  CR95 CRI 95+  RCR80 Radiant CRI 80+ <sup>(3)</sup> <sup>(13)</sup>  RCR95 Radiant CRI 95+ <sup>(3)</sup> <sup>(13)</sup>	XN Extra narrow spot 5° <sup>(14)</sup>  VN Very narrow spot 10° <sup>(15)</sup>  NS Narrow spot 15° <sup>(16)</sup>  N Narrow 25° <sup>(16)</sup>  NFR Narrow faceted reflector 25°  M Medium 40°  MFR Medium faceted reflector 40°  W Wide 60°  WFR Wide faceted reflector 60°

Notes:

1. Refer to website product configurator for all exceptions.

2. Not available for 700 lumens.

3. Not available for XN and VN optics.

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

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

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

7. Available for CR90 only.

8. Available for CR80 only.
9. Available for 1000, 1300 and 2000 lumens when combined with NFR, M, MFR, W and WFR optics only.

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

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

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

13. Radiant CRI options available for 3000K only.

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

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

16. Available up to 2000 lumens.

How to Order

Direct Lighting Control <sup>(17)</sup>	Direct Lighting Accessories <sup>(39)</sup> <sup>(40)</sup>	Finish	Bezel	Bezel Finish
<b>NO</b> On/off control <sup>(18)</sup> <sup>(19)</sup> <sup>(20)</sup>	<b>NA</b> No accessory	<b>MWH</b> Matte White	<b>b</b> Bezel	<b>MWH</b> Matte White
<b>PH</b> Phase dimming <sup>(20)</sup> <sup>(21)</sup> <sup>(22)</sup> <sup>(23)</sup>	<b>SN</b> Snoot <sup>(41)</sup>	<b>MBK</b> Matte Black		<b>MBK</b> Matte Black
<b>PPH</b> Phase 1% dimming <sup>(3)</sup> <sup>(20)</sup> <sup>(23)</sup> <sup>(24)</sup> <sup>(25)</sup>	<b>HSN</b> Half snoot <sup>(41)</sup>	<b>MBR</b> Matte Brown		<b>MBR</b> Matte Brown
<b>DAMC</b> Standard 0-10V dimming to 1% linear curve <sup>(20)</sup> <sup>(24)</sup> <sup>(26)</sup> <sup>(27)</sup> <sup>(28)</sup>	<b>HL</b> Honeycomb louver <sup>(42)</sup>	<b>MOR</b> Matte Orange		<b>MOR</b> Matte Orange
<b>DA1</b> Standard 0-10V dimming 1% linear <sup>(19)</sup> <sup>(29)</sup> <sup>(30)</sup>	<b>CL</b> Clear glass lens	<b>MGR</b> Matte Green		<b>MGR</b> Matte Green
<b>DA2</b> Standard 0-10V dimming 1% logarithmic <sup>(19)</sup> <sup>(29)</sup> <sup>(30)</sup>	<b>SL</b> Softening glass lens	<b>MBL</b> Matte Blue		<b>MBL</b> Matte Blue
<b>DA3</b> Standard 0-10V dimming 1% linear (347V) <sup>(19)</sup> <sup>(30)</sup>	<b>PD</b> Prismatic Diffuser <sup>(43)</sup>	<b>MSI</b> Matte Silver		<b>MSI</b> Matte Silver
<b>PDA1</b> Pro 0-10V Dimming 0.1% Linear <sup>(19)</sup> <sup>(20)</sup> <sup>(29)</sup>	<b>LSN</b> Linear spread lens narrow (1° x 40°) <sup>(44)</sup> <sup>(45)</sup>	<b>GWH</b> Glossy White		<b>GWH</b> Glossy White
<b>PDA2</b> Pro 0-10V Dimming 0.1% Logarithmic <sup>(19)</sup> <sup>(20)</sup> <sup>(29)</sup>	<b>LSW</b> Linear spread lens wide (1° x 60°) <sup>(45)</sup> <sup>(46)</sup>	<b>GBK</b> Glossy Black		<b>GBK</b> Glossy Black
<b>SDALI1</b> Standard DALI dimming 1% linear <sup>(28)</sup> <sup>(31)</sup>		<b>GYL</b> Glossy Yellow		<b>GYL</b> Glossy Yellow
<b>SDALI2</b> Standard DALI dimming 1% logarithmic <sup>(28)</sup> <sup>(31)</sup>		<b>GLR</b> Glossy Red		<b>GLR</b> Glossy Red
<b>DALI1</b> Pro DALI dimming 0.1% linear <sup>(19)</sup> <sup>(20)</sup> <sup>(32)</sup>		<b>GVI</b> Glossy Violet		<b>GVI</b> Glossy Violet
<b>DALI2</b> Pro DALI dimming 0.1% logarithmic <sup>(19)</sup> <sup>(20)</sup> <sup>(32)</sup>		<b>GGR</b> Glossy Green		<b>GGR</b> Glossy Green
<b>DALI18</b> DALI-2 dimming Type 8 (multi channel capability) <sup>(33)</sup> <sup>(34)</sup>		<b>GIY</b> Glossy Ivory		<b>GIY</b> Glossy Ivory
<b>ES</b> Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black <sup>(3)</sup> <sup>(20)</sup> <sup>(35)</sup>		<b>CGY</b> Concrete Grey		<b>CGY</b> Concrete Grey
<b>LT</b> Lumentalk dimming <sup>(36)</sup> <sup>(37)</sup>		<b>MLG</b> Metalized Grey		<b>MLG</b> Metalized Grey
<b>DMX/RDM</b> DMX/RDM enabled <sup>(36)</sup> <sup>(38)</sup>		<b>IBR</b> Italian Brick Red		<b>IBR</b> Italian Brick Red
		<b>PWH</b> Parget White		<b>PWH</b> Parget White
		<b>CC</b> Custom Color & Finish <sup>(47)</sup>		<b>CC</b> Custom Color & Finish <sup>(47)</sup>

Notes:

3. Not available for XN and VN optics.

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

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

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

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

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

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

23. Available for 120V voltage option only.

24. 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.

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

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

27. Not available for XN and VN optics.

28. Not available with 347V.

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

30. Not available for DWH, DWW or DWWP color options.
31. Available for DTW and DTWP color options only, when combined with 1000, 1300 or 2000 lumens.

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

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

34. Consult factory for DALI18 control option.

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

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, NFR, M, MFR, W and WFR optics.

37. A Lumentranslator 2 (LTL2) and LumentalkID (LIDL2) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.

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

39. 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.

40. 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.

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

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

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

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

- 45.** 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.
- 46.** Nominal 10° x 60° distribution when used with the NS optic.

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