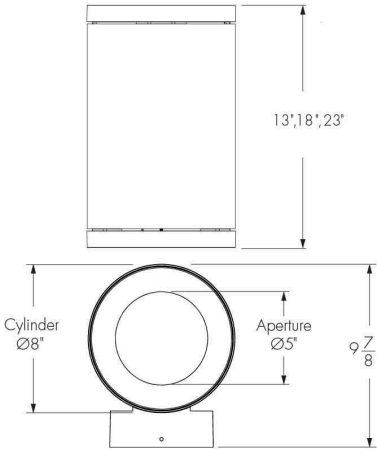


Project Name

Qty

Type

Catalog / Part Number



Front view

Bottom view

Photometric Summary

Based on Wide Faceted Reflector (nominal 60°), 4000K, CRI 90+ ^[1]

Nominal output [lm]	Delivered output [lm] ^[2]	Power (120V) [W] ^[2]	Efficacy [lm/W]	Power (277V) [W] ^[2]	Efficacy [lm/W]
700	742	6.5	114	8	93
1000	979	8	122	10	98
1300	1,335	11	121	13	103
2000	2,077	18	115	19	109
3000	3,115	23	135	24	130
4000	4,080	31	132	32	128
5000	5,182	39	133	39	133

1. Photometric performance is measured in compliance with IESNA LM-79-24.
2. Information based on direct or indirect lighting. Double the wattage and performance information for direct/indirect applications.
3. Consult website for latest IES files.
4. Add 3 watts per fixture when specifying Lumentalk™.

Description

The Lumencore Cylinder Large Wall Mount Direct/Indirect is a high-performance LED luminaire that can simultaneously or individually offer direct and indirect lighting. It is ideal for commercial, residential or hospitality applications and delivers up to 4000 lumens from an 8 in diameter. The Lumencore Cylinder Large Wall Mount Direct/Indirect 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.

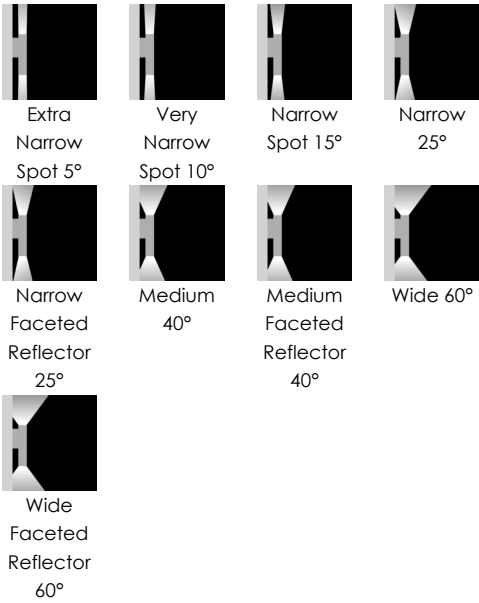
Features

Mounting	Wall Mount
Light Direction	Direct/Indirect lighting
Length	13 in, 18 in, 23 in
Output (Nominal Lumens)	700 lm, 1000 lm, 1300 lm, 2000 lm, 3000 lm, 4000 lm, 5000 lm
Color and 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)
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

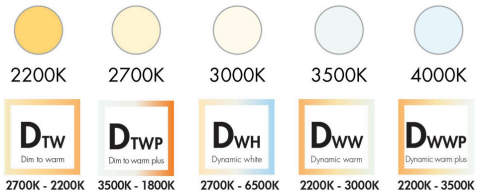
Performance

Maximum Delivered Output	Up to 5,498 lm (medium faceted reflector optic 40° , 4000K, CRI 90, direct or indirect lighting)
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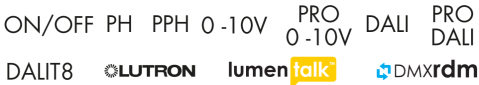
Optics



Colors and Color Temperatures



Controls



Maximum Delivered Intensity	Up to 63,952 cd (extra narrow spot optic 5°, 4000K, CRI 80, direct or indirect lighting)
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 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%, Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black, Lumentalk Enabled Dimming, 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® Designer Lighting Control Kit (PHAROS), Consult Control Systems section for details
Diagnostic and Addressing Tools	LumenID (LID)

Finishes


MWH-Matte White


MBK-Matte Black


MBR-Matte Brown


MOR-Matte Orange

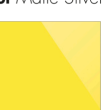

MGR-Matte Green


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-Parget White


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

Important

Virtual Patent Marking Notice

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

Lumencycle™ Program

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

Lumencycle™ Program



Certifications

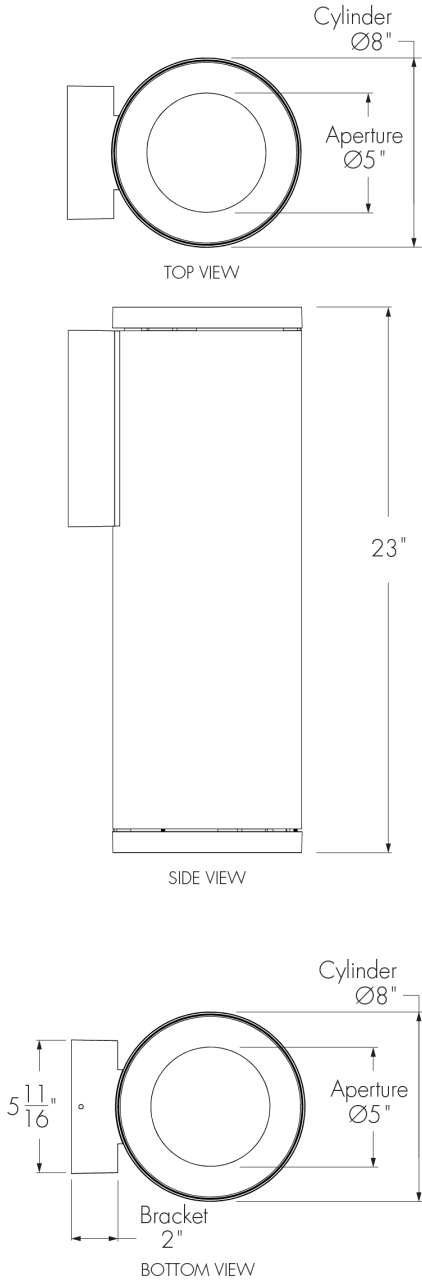
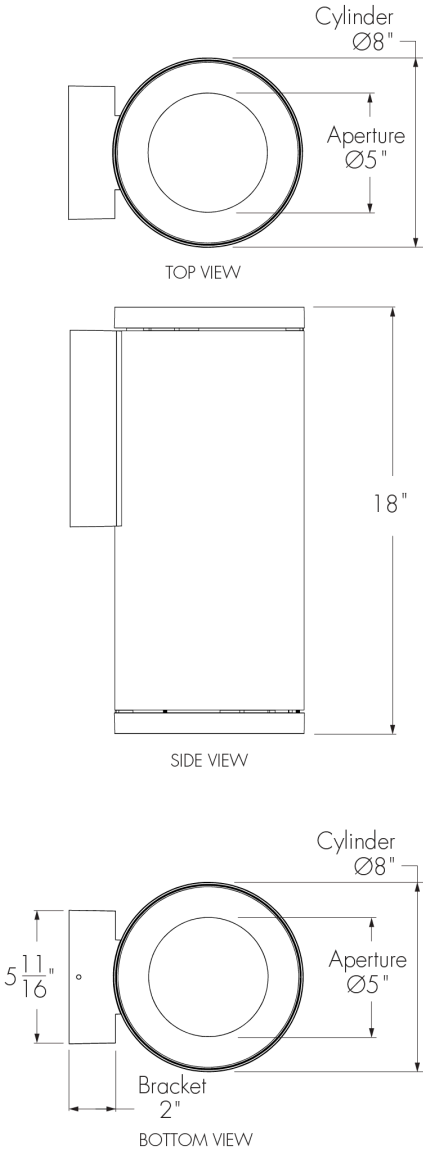
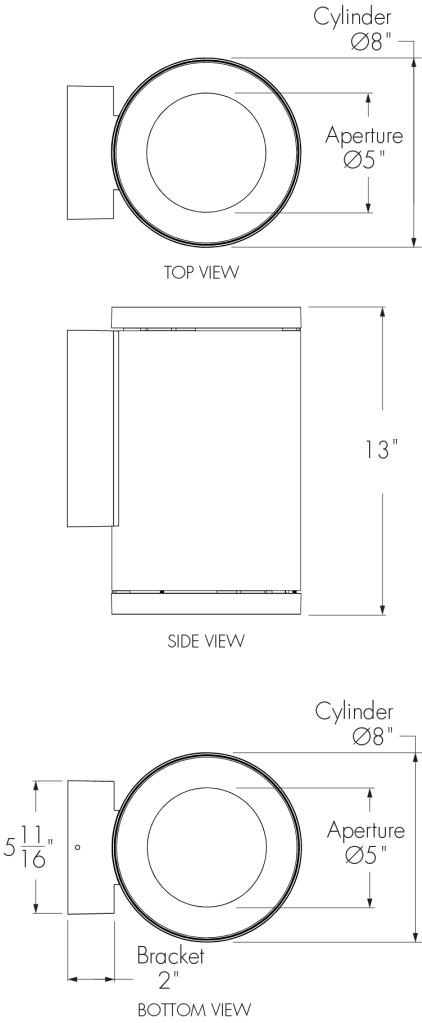


Fixture Dimensions

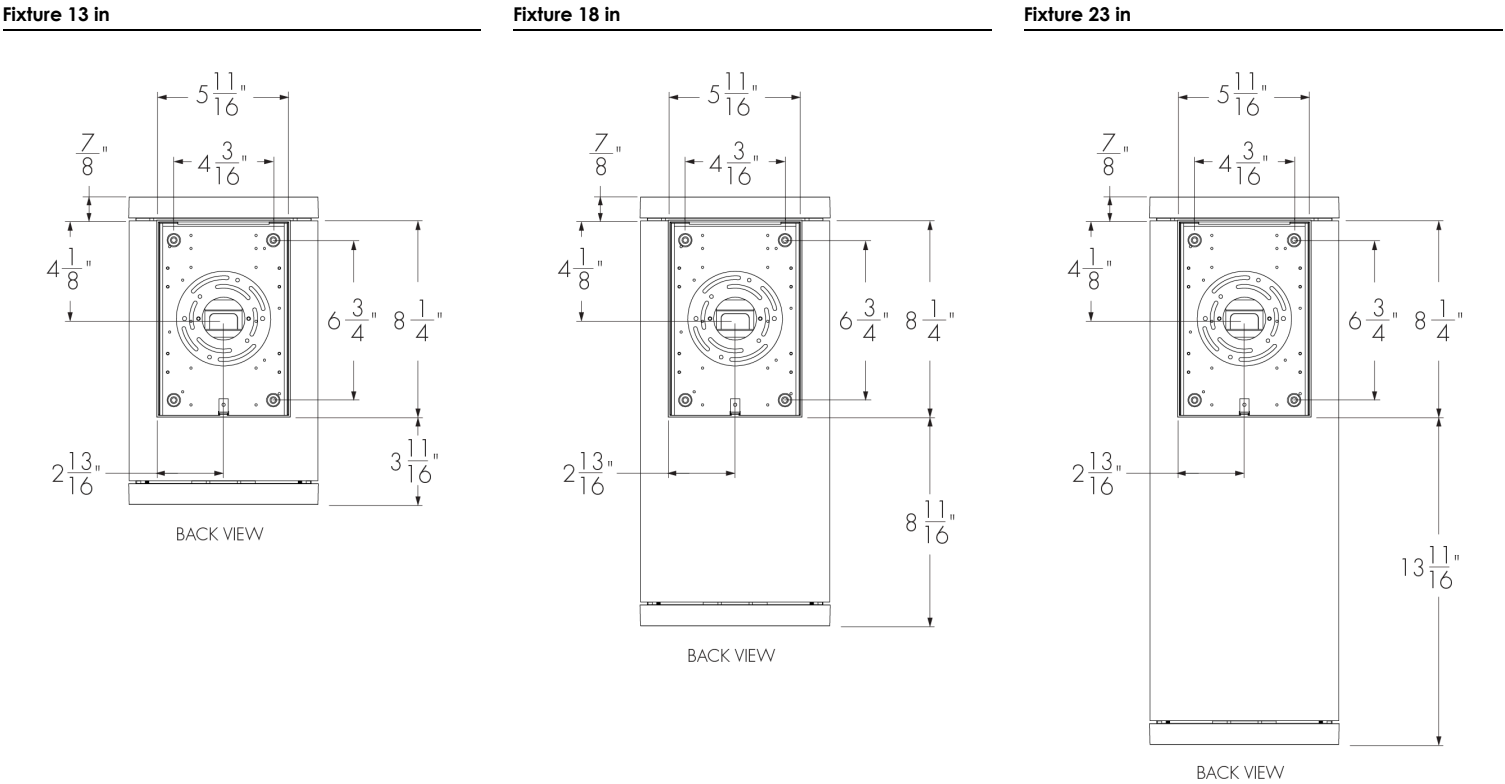
13 in

18 in

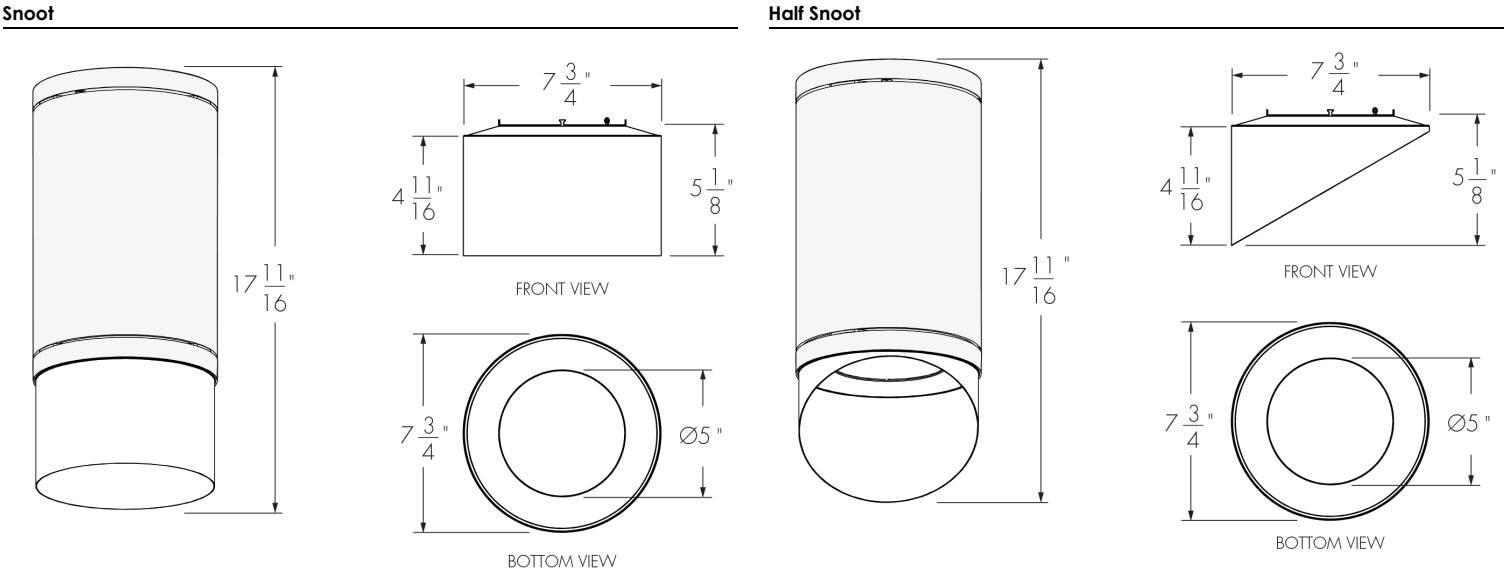
23 in



Mounting Bracket Details



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

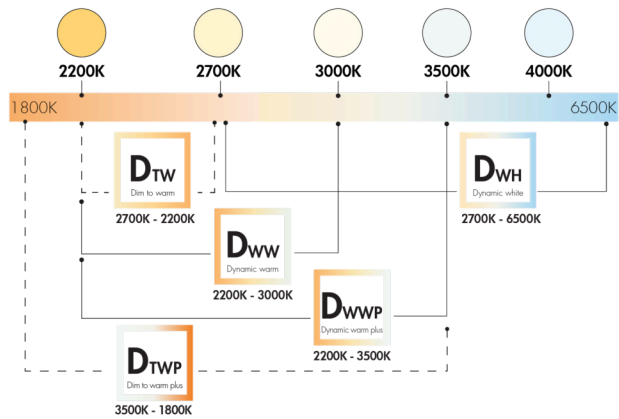


Faceted reflector
NFR/MFR/WFR

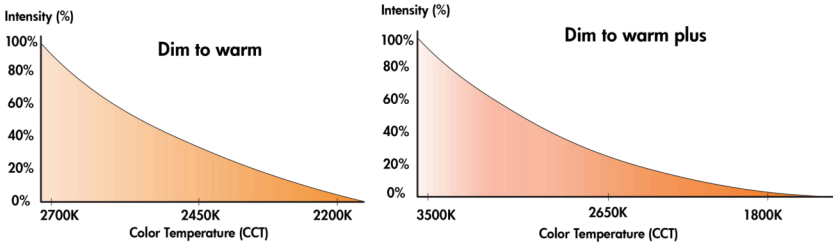


Color and Color Temperature

Color Temperature Ranges



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

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

lumen talk dimming

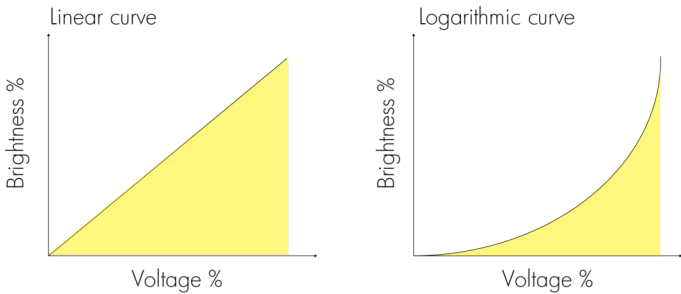
LT - Lumentalk dimming, 1% minimum dimming value

Lutron® EcoSystem®

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

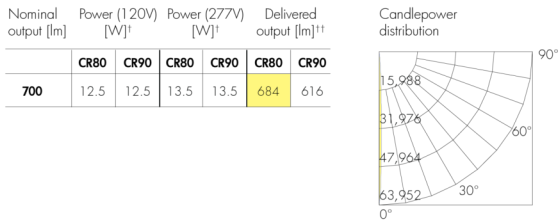
DMXrdm

DMX/RDM - DMX/RDM enabled

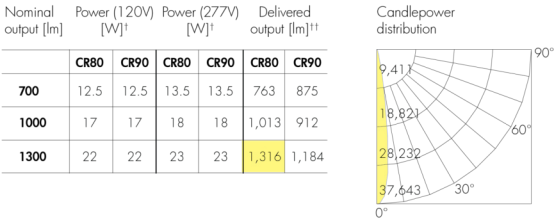


Photometric Information - Direct Or Indirect Lighting Optics

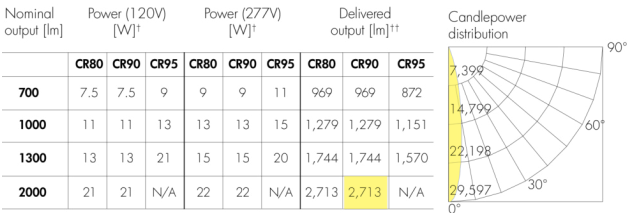
XN - Extra Narrow Spot (Nominal 5°, 4000K [1])



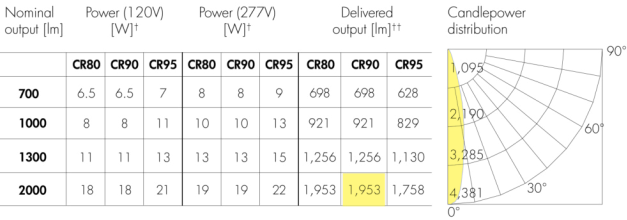
VN - Very Narrow Spot (Nominal 10°, 4000K [1])



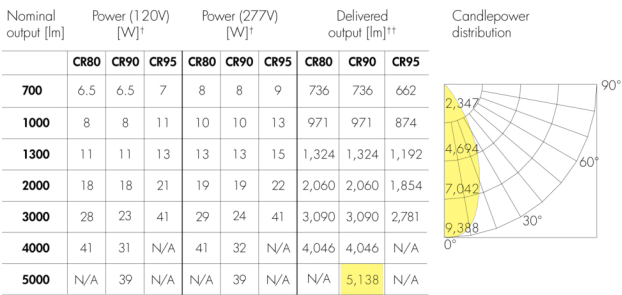
NS - Narrow Spot (Nominal 15°, 4000K [1])



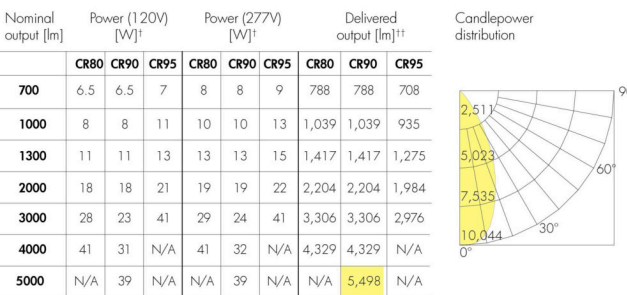
N - Narrow (Nominal 25°, 4000K [1])



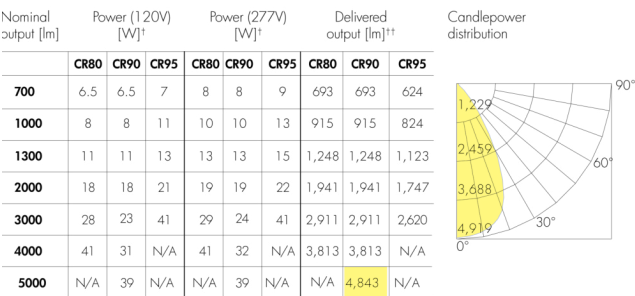
M - Medium (Nominal 40°, 4000K [1])



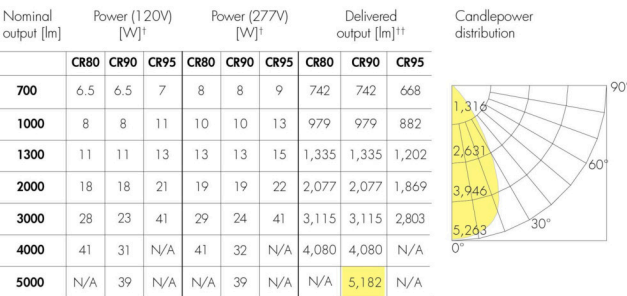
MFR - Medium Faceted Reflector (Nominal 40°, 4000K [1])



W - Wide (Nominal 60°, 4000K [1])



WFR - Wide Faceted Reflector (Nominal 60°) [1]



[1] Information based on direct or indirect lighting. Double the wattage and performance information based on optic, output, color rendering and control options.

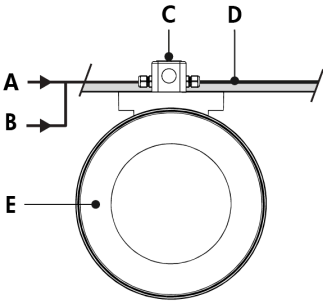
† Delivered wattage: +/- 10% tolerance. Add 3 watts per fixture when specifying Lumentalk™.

Add 3 watts for 347V combined with NS, N, MFR, M, 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-79-24.

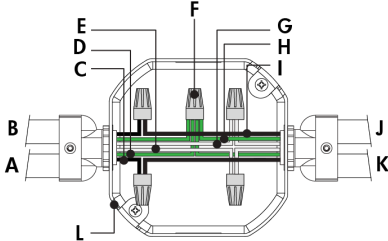
Typical Wiring Diagrams (Refer to Installation Instructions for Additional Wiring Details)

On/Off Control (NO)



- A - Power input for direct lighting (120-347V)
- B - Power input for indirect lighting (120-347V)
- C - Octagonal junction box (by others)
- D - Power wiring for direct lighting (by others)
- E - Power wiring for indirect lighting (by others)
- F - Lumencore Cylinder Large Wall Mount Direct/Indirect

On/Off Control (NO) - Wiring Detail

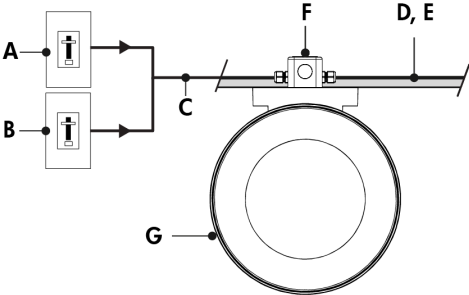


- A - Power input (direct lighting), or from previous fixture
- B - Power input (indirect lighting), or from previous fixture
- C - Line (direct lighting)
- D - Ground (direct lighting)
- E - Neutral (direct lighting)
- F - Wire-nuts (by others)
- G - Neutral (indirect lighting)
- H - Ground (indirect lighting)
- I - Line (indirect lighting)
- J - To fixture or to next fixture (indirect lighting)
- K - To fixture or to next fixture (direct lighting)
- L - Octagonal junction box (by others)

Wiring Color Code

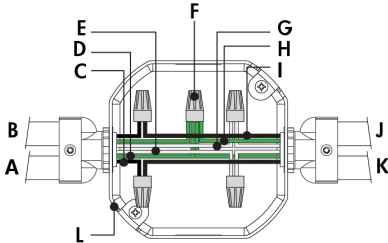
Color	USE
Green	Ground
Black	Line
White	Neutral
Red or purple	0-10V / Data +
Orange or grey	0-10V / Data -

Phase Dimming (PH, PPH, PPH2)



- A - Phase dimmer for direct lighting (by others)
- B - Phase dimmer for indirect lighting (by others)
- C - Phase dimmed power circuit (120V)
- D - Power wiring for direct lighting (by others)
- E - Power wiring for indirect lighting (by others)
- F - Octagonal junction box (by others)
- G - Lumencore Cylinder Large Wall Mount Direct/Indirect

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



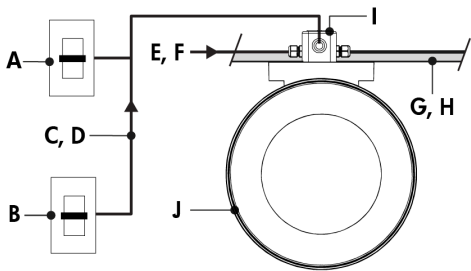
- A - Power input (direct) or from previous fixture
- B - Power input (indirect) or from previous fixture
- C - Line (direct lighting)
- D - Ground (direct lighting)
- E - Neutral (direct lighting)
- F - Wire-nuts (by others)
- G - Neutral (indirect lighting)
- H - Ground (indirect lighting)
- I - Line (indirect lighting)
- J - To fixture or to next fixture (indirect lighting)
- K - To fixture or to next fixture (direct lighting)
- L - Octagonal 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 -

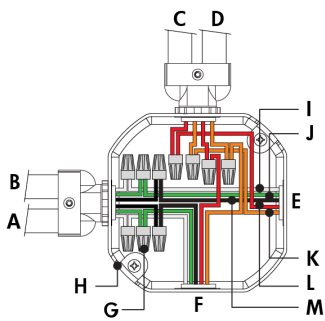
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Consult Photometric Information pages for wattage information.

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



- A - Dimmer for direct lighting (by others)
- B - Dimmer for indirect lighting (by others)
- C - Data wiring for direct lighting (by others)
- D - Data wiring for indirect lighting (by others)
- E - Power input for direct lighting (120-347V)
- F - Power input for indirect lighting (120-347V)
- G - Power and data wiring for direct lighting (by others)
- H - Power and data wiring for indirect lighting (by others)
- I - Octagonal junction box (by others)
- J - Lumencore Cylinder Large Wall Mount Direct/Indirect

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



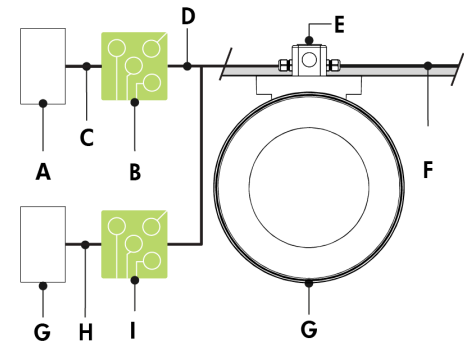
- A - Power input (direct lighting), or from previous fixture
- B - Power input (indirect lighting), or from previous fixture
- C - From dimmer for direct lighting (by others)
- D - From dimmer for indirect lighting (by others)
- E - To fixture or to next fixture (direct lighting)
- F - To fixture or to next fixture (indirect lighting)
- G - Wire-nuts (by others)
- H - Octagonal junction box (by others)
- I - Neutral
- J - Ground
- K - 0-10V -
- L - 0-10V +
- M - Line

Wiring Color Code

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

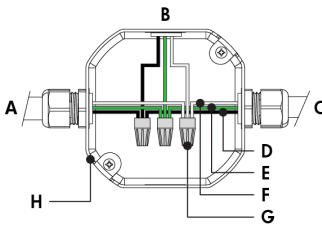
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Consult Photometric Information pages for wattage information.

Lumentalk (LT)



- A - Dimmer/controller for direct lighting (by others)
- B - Data wiring for direct lighting (by others)
- C - Lumentranslator 2 for direct lighting (LTL2-DIM, -DMX, -TRIAC, -DALI)
- D - Power line (120-277V AC)
- E - Octagonal junction box (by others)
- F - Power wiring by others
- G - Dimmer/controller for indirect lighting (by others)
- H - Data wiring for indirect lighting (by others)
- I - Lumentranslator 2 for indirect lighting (LTL2-DIM, -DMX, -TRIAC, -DALI)
- J - Lumencore Cylinder Large Wall Mount Direct/Indirect

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 - Octagonal or single gang 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.
- 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



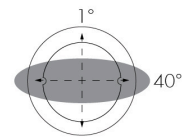
LACYL - SN

CL - Clear Glass Lens



LACYL - CL

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



Horizontal Beam Distribution

LACYL - LSN

HSN - Half Snoot



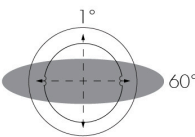
LACYL - HSN

SL - Softening Glass Lens



LACYL - SL

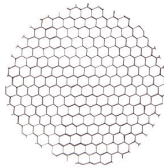
LSW - Linear Spread Lens Wide (1° x 60°)



Horizontal Beam Distribution

LACYL - LSW

HL - Honeycomb Louver

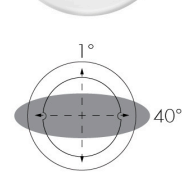


LACYL - HL

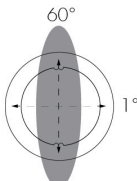
PD - Prismatic Diffuser



LACYL - PD



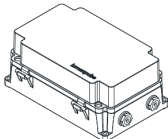
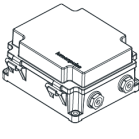
Vertical Beam Distribution



Vertical Beam Distribution

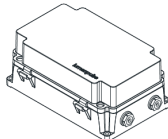
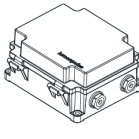
Control Boxes (Order Separately)

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.

Diagnostic And Addressing Tools (Order Separately)

LID - LumenID



The updated LumenID (LID) is an 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. Cable option may vary; please consult factory. For complete details, refer to the LID specification sheet.

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.

EXPERT - Pharos® Expert Control Kit



The Pharos Expert Control Kit, available for 1, 2, 4 or 6 DMX universes, allows for complete control of large lighting installations.

How to Order

Housing ⁽¹⁾	Certification	Mounting	Light Direction	Voltage	Length	Direct Lighting Output (Nominal Lumens)	Direct Lighting Color Temperature	Direct Lighting Color Rendering	Direct Lighting Optics (Nominal Distribution)
LACYL Lumencore Cylinder Large - Ø8 in	A UL/cUL	WM Wall Mount	DI Direct/Indirect lighting	120 120 Volts 277 277 Volts 347 347 Volts ⁽²⁾ ⁽³⁾	13 13 in 18 18 in 23 23 in	dL07 700lm dL10 1000lm ⁽⁴⁾ dL13 1300lm ⁽⁴⁾ dL20 2000lm ⁽⁵⁾ dL30 3000lm ⁽⁶⁾ dL40 4000lm ⁽⁶⁾ dL50 5000lm ⁽⁶⁾ ⁽⁷⁾	22K 2200K ⁽³⁾ ⁽⁸⁾ 27K 2700K 30K 3000K 35K 3500K 40K 4000K DTW Dim to Warm (2700K to 2200K) ⁽⁹⁾ ⁽¹⁰⁾ DTWP Dim to Warm Plus (3500K to 1800K) ⁽⁹⁾ ⁽¹⁰⁾ DWH Dynamic White (2700K to 6500K) ⁽¹⁰⁾ ⁽¹¹⁾ DWW Dynamic Warm White (2200K to 3000K) ⁽¹⁰⁾ ⁽¹¹⁾ DWWP Dynamic Warm White Plus (2200K to 3500K) ⁽¹⁰⁾ ⁽¹¹⁾	CR80 CRI 80+ ⁽¹²⁾ CR90 CRI 90+ CR95 CRI 95+ RCR80 Radiant CRI 80+ ⁽³⁾ ⁽¹³⁾ RCR95 Radiant CRI 95+ ⁽³⁾ ⁽¹³⁾	XN Extra Narrow Spot 5° ⁽¹⁴⁾ VN Very Narrow Spot 10° ⁽¹⁵⁾ NS Narrow Spot 15° ⁽¹⁶⁾ N Narrow 25° ⁽¹⁶⁾ NFR Narrow Faceted Reflector 25° M Medium 40° MFR Medium Faceted Reflector 40° W Wide 60° WFR Wide Faceted Reflector 60°

Notes:

1. The optics and color temperature options specified for direct lighting may limit the available options for indirect lighting. The optics and color temperature options specified for indirect lighting may limit the available options for direct lighting. Refer to website product configurator for all exceptions.

2. Not available for 700 and 5000 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 ⁽¹⁷⁾	Direct Lighting Accessories ^{(40) (41)}	Indirect Lighting Output (Nominal Lumens)	Indirect Lighting Color Temperature	Indirect Lighting Color Rendering	Indirect Lighting Optics (Nominal Distribution)
NO On/Off Control ^{(18) (19) (20)}	NA No Accessory	iL07 700lm	22K 2200K ^{(3) (8)}	CR80 CRI 80+ ⁽¹²⁾	NS Narrow Spot 15° ⁽¹⁶⁾
PH Phase Dimming ^{(20) (21) (22) (23)}	SN Snoot ⁽⁴²⁾	iL10 1000lm	27K 2700K	CR90 CRI 90+	N Narrow 25° ⁽¹⁶⁾
PPH Phase Dimming 1% ^{(3) (20) (22) (24) (25)}	HSN Half Snoot ⁽⁴²⁾	iL13 1300lm	30K 3000K	CR95 CRI 95+	NFR Narrow Faceted Reflector 25°
DAMC Standard 0-10V Dimming 1% Linear Curve ^{(20) (24) (26) (27)}	HL Honeycomb Louver ⁽⁴³⁾	iL20 2000lm	35K 3500K	RCR80 Radiant CRI 80+ ^{(3) (13)}	M Medium 40°
DA1 Standard 0-10V Dimming 1% Linear Curve ^{(19) (28) (29)}	CL Clear Glass Lens	iL30 3000lm ⁽⁴⁾	40K 4000K	RCR95 Radiant CRI95+ ^{(3) (13)}	MFR Medium Faceted Reflector 40°
DA2 Standard 1-10V Dimming 1% Logarithmic Curve ^{(19) (28) (29)}	SL Softening Glass Lens	iL40 4000lm ⁽⁴⁾	DTW Dim to Warm (2700K to 2200K) ^{(9) (10)}		W Wide 60°
DA3 Standard 0-10V Dimming 1% Linear Curve (347V) ^{(29) (30)}	PD Prismatic Diffuser ⁽⁴⁴⁾	iL50 5000lm ^{(4) (7)}	DTWP Dim to Warm Plus (3500K to 1800K) ^{(9) (10)}		WFR Wide Faceted Reflector 60°
PDA1 Professional 0-10V Dimming 0.1% Linear Curve ^{(19) (20) (28)}	LSN Linear Spread Lens Narrow (1° x 40°) ^{(45) (46)}		DWH Dynamic White (2700K to 6500K) ^{(10) (11)}		
PDA2 Professional 0-10V Dimming 0.1% Logarithmic Curve ^{(19) (20) (28)}	LSW Linear Spread Lens Wide (1° x 60°) ^{(46) (47)}		DWW Dynamic Warm White (2200K to 3000K) ^{(10) (11)}		
SDALI1 Standard DALI Dimming 1% Linear Curve ^{(27) (31)}			DWWP Dynamic Warm White Plus (2200K to 3500K) ^{(10) (11)}		
SDALI2 Standard DALI Dimming 1% Logarithmic Curve ^{(27) (31)}					
DALI1 Professional DALI Dimming 0.1% Linear Curve ^{(19) (20) (32)}					
DALI2 Professional DALI Dimming 0.1% Logarithmic Curve ^{(19) (20) (32)}					
DALI18 DALI-2 T8 Enabled Dimming 1% ^{(33) (34)}					
ES Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black ^{(3) (20) (23) (35)}					
LT Lumentalk Enabled Dimming ^{(36) (37)}					
DMX/RDM DMX/RDM Enabled Dimming 1% ^{(30) (38) (39)}					

Notes:

3. Not available for XN and VN optics.

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.

16. Available up to 2000 lumens.

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 2000 lumens (CR80, RCR80, CR90, CR95 or RCR95) for N optic. Available up to 4000 lumens (CR80, RCR80 or CR90) for NFR, M, MFR, W and WFR optics, and up to 5000 lumens (CR90) for 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 for 120V voltage option only.

23. 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.

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 with 347V.

28. Driver cuts off power to the fixture when the control signal drops below 0.5V.
29. Not available for DWH, DWW or DWWP color options.

30. 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.

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 LumenID (LID) 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. Configurable to 1, 2, or 3 channel control via RDM in the field.

40. 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.

41. Maximum of two lenses can be installed for direct lighting. Maximum of two lenses can be installed for indirect lighting. The snoot or half snoot can be combined with any accessory. The clear glass lens and softening glass lens cannot be combined together. The linear spread lenses (LSN and LSW) are compatible with the snoot and half snoot accessories only.

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

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

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

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

46. 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.

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

How to Order

Indirect Lighting Control ⁽¹⁷⁾	Indirect Lighting Accessories ^{(40) (41)}	Finish	Bezel	Bezel Finish ⁽⁵¹⁾
NO On/Off Control ^{(18) (19) (20)} PH Phase Dimming ^{(20) (21) (22) (23)} PPH Phase Dimming 1% ^{(3) (20) (22) (24) (25)} DAMC Standard 0-10V Dimming 1% Linear Curve ^{(20) (26) (27) (48)} DA1 Standard 0-10V Dimming 1% Linear Curve ^{(19) (28) (29)} DA2 Standard 1-10V Dimming 1% Logarithmic Curve ^{(19) (28) (29)} DA3 Standard 0-10V Dimming 1% Linear Curve (347V) ^{(29) (30)} PDA1 Professional 0-10V Dimming 0.1% Linear Curve ^{(19) (20) (28)} PDA2 Professional 0-10V Dimming 0.1% Logarithmic Curve ^{(19) (20) (28)} SDALI1 Standard DALI Dimming 1% Linear Curve ^{(27) (31)} SDALI2 Standard DALI Dimming 1% Logarithmic Curve ^{(27) (31)} DALI1 Professional DALI Dimming 0.1% Linear Curve ^{(19) (20) (32)} DALI2 Professional DALI Dimming 0.1% Logarithmic Curve ^{(19) (20) (32)} DALIT8 DALI-2 T8 Enabled Dimming 1% ^{(33) (34)} ES Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black ^{(3) (20) (23) (49)} LT Lumentalk Enabled Dimming ^{(36) (37)} DMX/RDM DMX/RDM Enabled Dimming 1% ^{(30) (38) (39)}	NA No Accessory SN Snoot ⁽⁴²⁾ HSN Half Snoot ⁽⁴²⁾ HL Honeycomb Louver ⁽⁴³⁾ CL Clear Glass Lens SL Softening Glass Lens PD Prismatic Diffuser ⁽⁴⁴⁾ LSN Linear Spread Lens Narrow (1° x 40°) ^{(45) (46)} LSW Linear Spread Lens Wide (1° x 60°) ^{(46) (47)}	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 Parget White CC Custom Color & Finish ⁽⁵⁰⁾	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 Gray MLG Metalized Gray IBR Italian Brick Red PWH Parget White CC Custom Color & Finish ⁽⁵⁰⁾

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 2000 lumens (CR80, RCR80, CR90, CR95 or RCR95) for N optic. Available up to 4000 lumens (CR80, RCR80 or CR90) for NFR, M, MFR, W and WFR optics, and up to 5000 lumens (CR90) for 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 for 120V voltage option only.

23. 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.

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 with 347V.

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

29. Not available for DWH, DWW or DWWP color options.
- 30.** 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.

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 DALIT8 control option.

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 LumenID (LID) 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. Configurable to 1, 2, or 3 channel control via RDM in the field.

40. 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.

41. Maximum of two lenses can be installed for direct lighting. Maximum of two lenses can be installed for indirect lighting. The snoot or half snoot can be combined with any accessory. The clear glass lens and softening glass lens cannot be combined together. The linear spread lenses (LSN and LSW) are compatible with the snoot and half snoot accessories only.

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

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

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

- 45.** Nominal 10° x 40° distribution when used with the NS optic.

46. 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.

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

48. 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.
- 49.** One EcoSystem® address per fixture. 1% minimum dimming value. Lutron® EcoSystem® Enabled dimming not available for 700 lumens or 1000 lumens.

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

51. Direct and indirect lighting bezel finishes are the same.