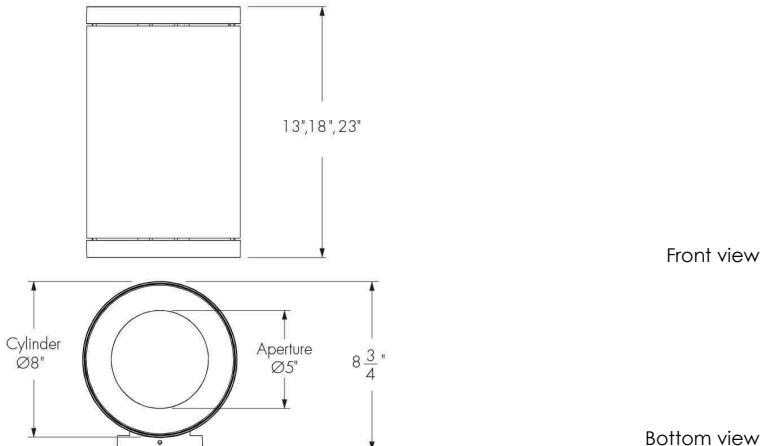


Project Name _____ Qty _____
 Type _____ Catalog / Part Number _____



Photometric Summary

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

| Nominal output [lm] ¹ | Delivered output [lm] ^{1,2} | Power (120V) [W] ² | Efficacy [lm/W] ¹ | Power (277V) [W] ² | Efficacy [lm/W] ¹ |
|----------------------------------|--------------------------------------|-------------------------------|------------------------------|-------------------------------|------------------------------|
| 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 | 4,513 | 39 | 116 | 39 | 116 |
| 6000 | 5,732 | 51 | 112 | 51 | 112 |

¹. Photometric performance is measured in compliance with IESNA LM-79-24.

². Consult website for latest IES files.

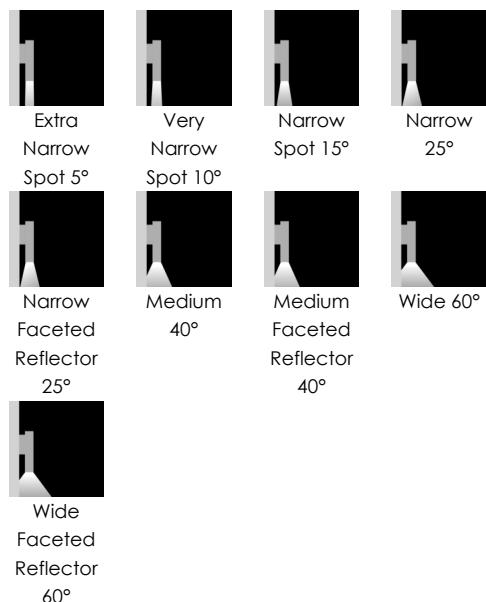
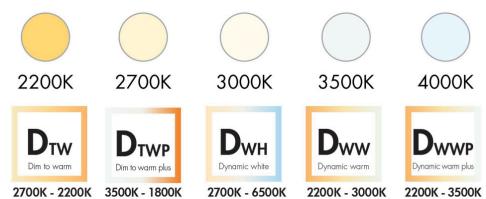
3. Add 3 watts per fixture when specifying Lumentalk™.

Description

The Lumencore Cylinder Large Wall Mount Direct is a high-performance LED luminaire. It is ideal for commercial, residential or hospitality applications and delivers up to 5000 lumens from an 8 in diameter. The Lumencore Cylinder Large Wall Mount Direct 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 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 |
| 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) |

Optics**Colors and Color Temperatures****Controls**

ON/OFF PH PPH 0-10V PRO 0-10V DALI PRO DALI
 DALIT8  lumen^{talk} 

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.

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)**Certifications**

RoHS

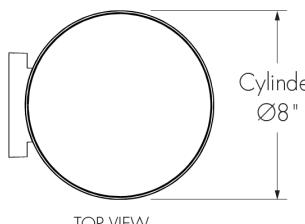


Fixture Dimensions

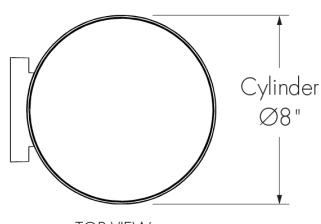
13 in

18 in

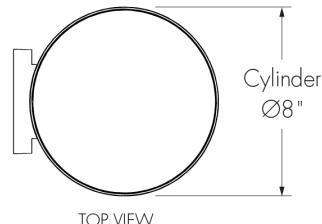
23 in



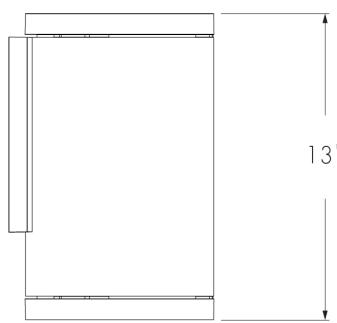
TOP VIEW



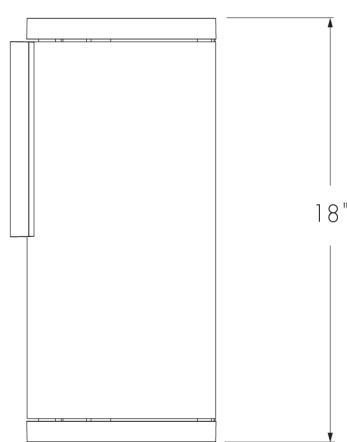
TOP VIEW



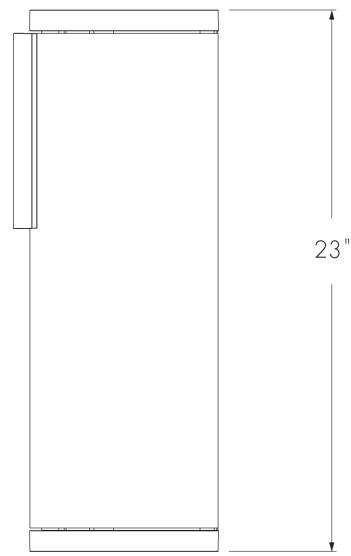
TOP VIEW



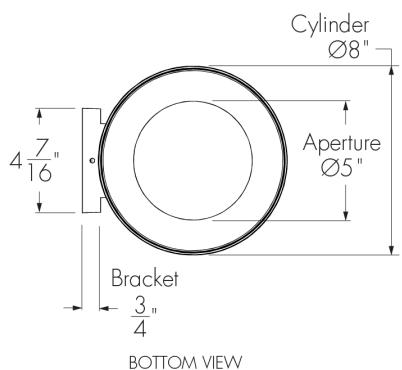
SIDE VIEW



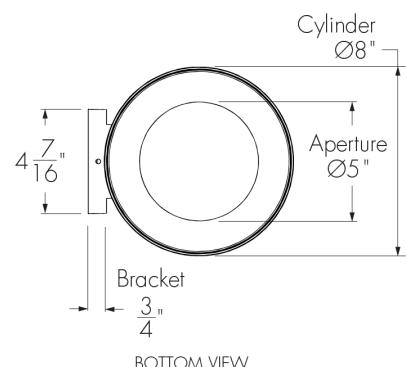
SIDE VIEW



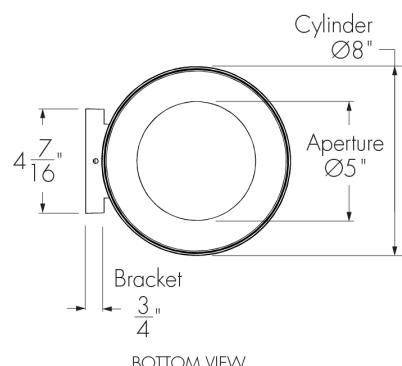
SIDE VIEW



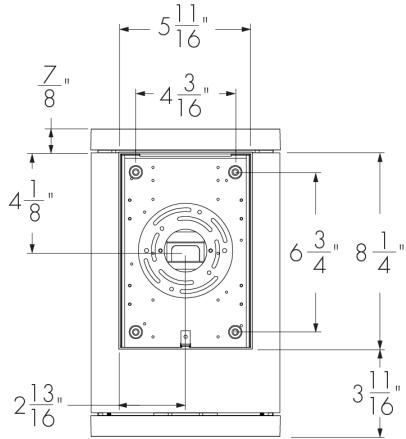
BOTTOM VIEW



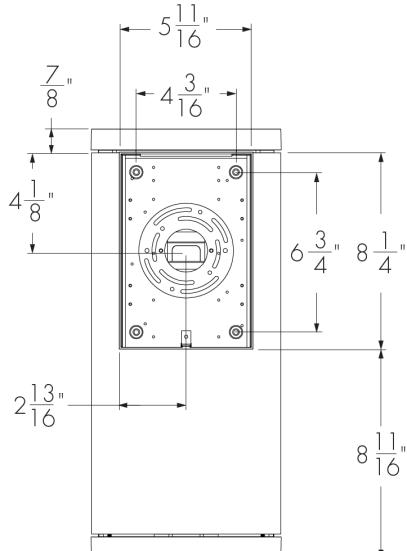
BOTTOM VIEW



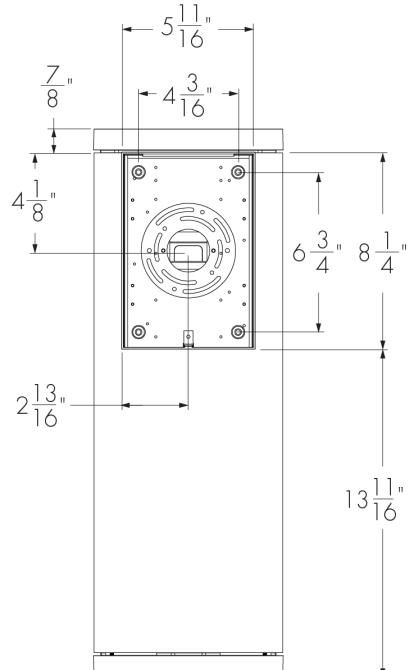
BOTTOM VIEW

Mounting Bracket Details**Fixture 13 in**

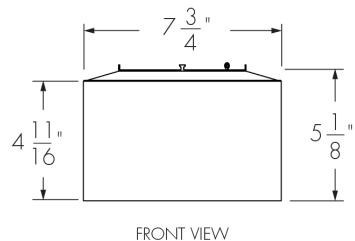
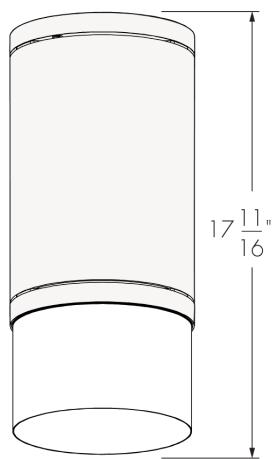
BACK VIEW

Fixture 18 in

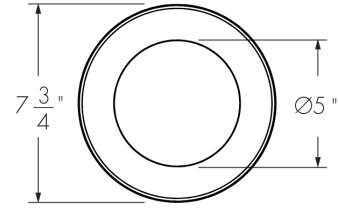
BACK VIEW

Fixture 23 in

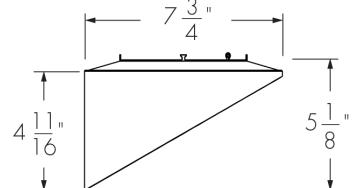
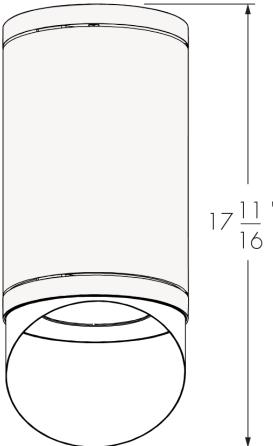
BACK VIEW

Optical Accessory Dimensions (13 in Fixture Shown)**Snoot**

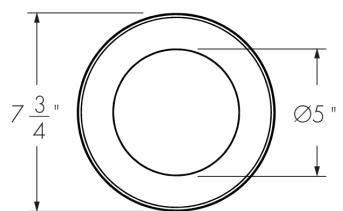
FRONT VIEW



BOTTOM VIEW

Half Snoot

FRONT VIEW



BOTTOM VIEW

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

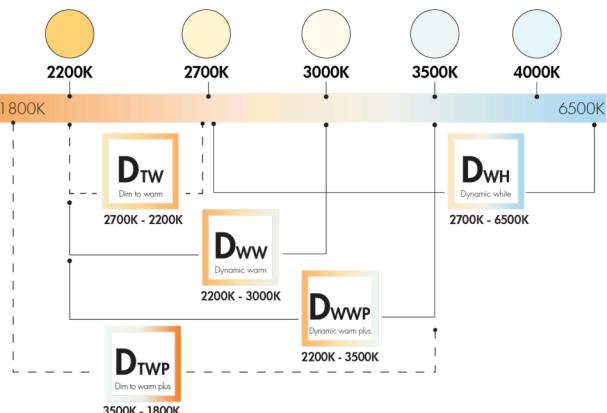


Faceted reflector
NFR/MFR/WFR



Color and Color Temperature

Color Temperature Ranges

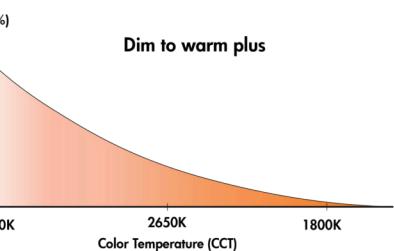
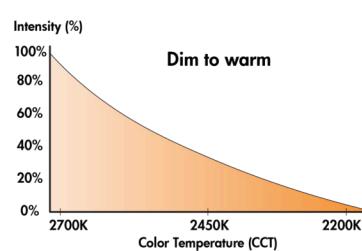


--- 1 channel (DTW, DTWP) Compatible with: DA1 SDALI lumen^{talk}

— 2 channels (DWH, DWW, DWWP) Compatible with: DALIT8 lumen^{talk}

— 3 channels* (DWH, DWW, DWWP) Compatible with: DALIT8 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

DALIT8 - DALI-2 dimming Type 8 (multi channel capability)

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

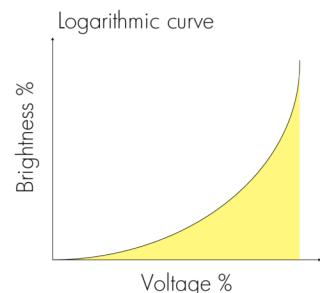
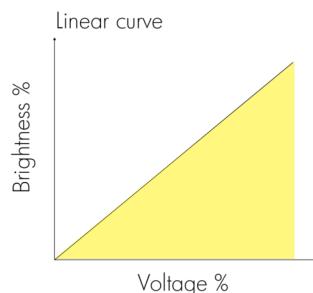
dimming

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

DMX/RDM - DMX/RDM enabled



Photometric Information - Direct Lighting Optics

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

| Nominal output [lm] | Power (120V) [W] [†] | Power (277V) [W] [†] | Delivered output [lm] ^{††} | Candlepower distribution | | |
|---------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|------|------|
| | CR80 | CR90 | CR80 | CR90 | CR80 | CR90 |
| 700 | 12.5 | 12.5 | 13.5 | 13.5 | 684 | 616 |
| 1000 | | | | | | |
| 1300 | | | | | | |

NS - Narrow Spot (Nominal 15°), 4000K

| Nominal output [lm] | Power (120V) [W] [†] | Power (277V) [W] [†] | Delivered output [lm] ^{††} | Candlepower distribution | | | | | |
|---------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|------|------|-------|-------|-------|
| | 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 |

M - Medium (Nominal 40°), 4000K

| Nominal output [lm] | Power (120V) [W] [†] | Power (277V) [W] [†] | Delivered output [lm] ^{††} | Candlepower distribution | | | | | |
|---------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|------|------|-------|-------|-------|
| | 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 | 51 | N/A | N/A | 6,072 | N/A | |

W - Wide (Nominal 60°), 4000K

| Nominal output [lm] | Power (120V) [W] [†] | Power (277V) [W] [†] | Delivered output [lm] ^{††} | Candlepower distribution | | | | | |
|---------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|------|------|-------|-------|-------|
| | 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 | 51 | N/A | N/A | 5,723 | 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-79-24.

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

| Nominal output [lm] | Power (120V) [W] [†] | Power (277V) [W] [†] | Delivered output [lm] ^{††} | Candlepower distribution | | |
|---------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|-------|-------|
| | CR80 | CR90 | CR80 | CR90 | CR80 | CR90 |
| 700 | 12.5 | 12.5 | 13.5 | 13.5 | 684 | 616 |
| 1000 | 17 | 17 | 18 | 18 | 1,013 | 912 |
| 1300 | 22 | 22 | 23 | 23 | 1,316 | 1,184 |

N - Narrow (Nominal 25°), 4000K

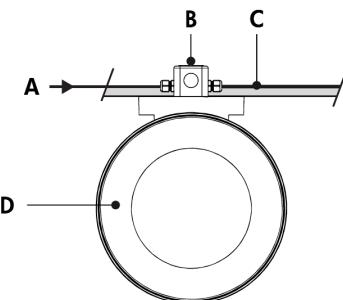
| Nominal output [lm] | Power (120V) [W] [†] | Power (277V) [W] [†] | Delivered output [lm] ^{††} | Candlepower distribution | | | | | |
|---------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|------|------|-------|-------|-------|
| | 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 |

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

| Nominal output [lm] | Power (120V) [W] [†] | Power (277V) [W] [†] | Delivered output [lm] ^{††} | Candlepower distribution | | | | | |
|---------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|------|------|-------|-------|-------|
| | 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 |

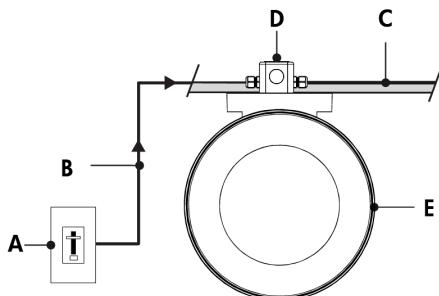
WFR - Wide Faceted Reflector (Nominal 60°), 4000K

| Nominal output [lm] | Power (120V) [W] [†] | Power (277V) [W] [†] | Delivered output [lm] ^{††} | Candlepower distribution | | | | | |
|---------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|------|------|-------|-------|-------|
| | CR80 | CR90 | CR95 | CR80 | CR90 | 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 |

Typical Wiring Diagrams (Refer to Installation Instructions for Additional Wiring Details)**On/Off Control (NO)**

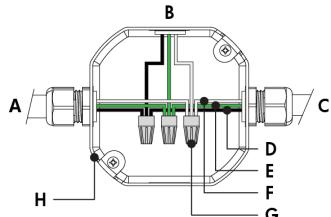
A - Power input (120-347V)
B - Octagonal or single gang junction box (by others)
C - Power wiring (by others)
D - Lumencore Cylinder Large Wall Mount Direct

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

Phase Dimming (PH, PPH, PPH2)

A - Phase dimmer (by others)
B - Phase dimmed power circuit (120V)
C - Power wiring (by others)
D - Octagonal or single gang junction box (by others)
E - Lumencore Cylinder Large Wall Mount Direct

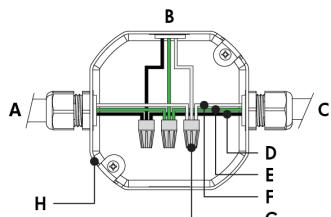
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Consult Photometric Information pages for wattage information.

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 - Octagonal or single gang junction box (by others)

Wiring Color Code

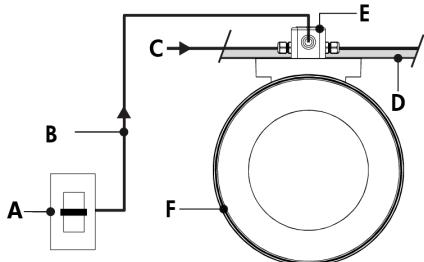
| Color | USE |
|----------------|----------------|
| Green | Ground |
| Black | Line |
| White | Neutral |
| Red or purple | 0-10V / Data + |
| Orange or grey | 0-10V / Data - |

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

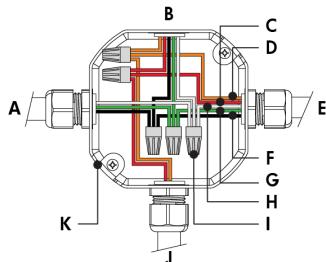
A - Power input or from previous fixture
B - To fixture
C - To next fixture
D - Line
E - Ground
F - Neutral
G - Wire-nuts (by others)
H - Octagonal or single gang junction box (by others)

Wiring Color Code

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

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 - Octagonal or single gang junction box (by others)
F - Lumencore Cylinder Large Wall Mount Direct

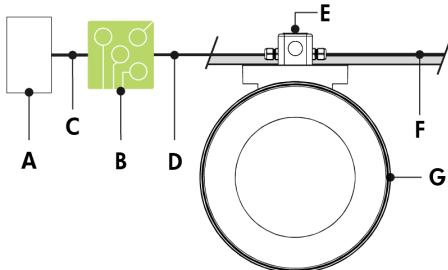
0-10V Dimming (DAMC, DA1, DA2, DA3, PDA1, PDA2) - Wiring Detail

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 - Dimmer (by others)
K - Octagonal or single gang junction box (by others)

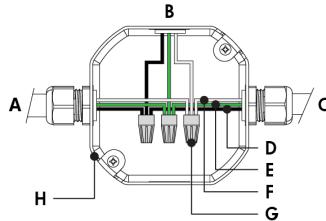
Wiring Color Code

| 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.
- Consult Photometric Information pages for wattage information.

Lumentalk (LT)

A - Dimmer/controller (by others)
B - Data wiring (by others)
C - Lumentranslator 2 (LTL2-DIM, -DMX, -TRIAC, -DALI)
D - Power line (120-277V AC)
E - Octagonal or single gang junction box (by others)
F - Power wiring (by others)
G - Lumencore Cylinder Large Wall Mount Direct

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 - |

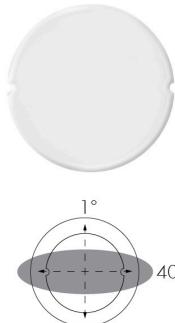
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk enabled fixtures must be commissioned using LumentalkID software and a LID-LT. Consult factory for details.
- Maximum of 1 transmitter (Lumentranslator 2 or Lumenlink) per system. No third 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

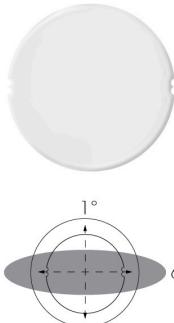
LACYL - LSN

HSN - Half Snoot

LACYL - HSN

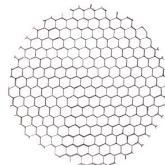
SL - Softening Glass Lens

LACYL - SL

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

Horizontal Beam Distribution

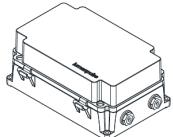
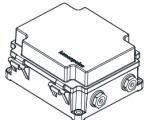
LACYL - LSW

HL - Honeycomb Louver

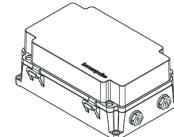
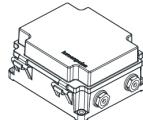
LACYL - HL

PD - Prismatic Diffuser

LACYL - PD

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. Lumenterminators 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 | D Direct 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⁾ DL60 6000lm ^{(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. Refer to website product configurator for all exceptions.
2. Not available for 700, 5000 and 6000 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, 2000 and 3000 lumens when combined with CR90 and NFR, M, MFR, W or 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 ^{(42) (43)} | Finish | Bezel | Bezel Finish |
|--|---|--|----------|--|
| NO On/Off Control ^{(18) (19) (20)} | NA No Accessory | MWH Matte White | b | MWH Matte White |
| PH Phase Dimming ^{(20) (21) (22) (23)} | SN Snoot ⁽⁴⁴⁾ | MBK Matte Black | | MBK Matte Black |
| PPH Phase Dimming 1% ^{(3) (20) (23) (24) (25)} | HSN Half Snoot ⁽⁴⁴⁾ | MBR Matte Brown | | MBR Matte Brown |
| DAMC Standard 0-10V Dimming 1% Linear Curve ^{(20) (24) (26) (27) (28)} | HL Honeycomb Louver ⁽⁴⁵⁾ | MOR Matte Orange | | MOR Matte Orange |
| DA1 Standard 0-10V Dimming 1% Linear Curve ^{(19) (29) (30)} | CL Clear Glass Lens | MGR Matte Green | | MGR Matte Green |
| DA2 Standard 1-10V Dimming 1% Logarithmic Curve ^{(19) (29) (30)} | SL Softening Glass Lens | MBL Matte Blue | | MBL Matte Blue |
| DA3 Standard 0-10V Dimming 1% Linear Curve ^{(347V) (30) (31)} | PD Prismatic Diffuser ⁽⁴⁶⁾ | MSI Matte Silver | | MSI Matte Silver |
| PDA1 Professional 0-10V Dimming 0.1% Linear Curve ^{(19) (20) (29)} | LSN Linear Spread Lens Narrow ^{(1° x 40°) (47) (48)} | GWH Glossy White | | GWH Glossy White |
| PDA2 Professional 0-10V Dimming 0.1% Logarithmic Curve ^{(19) (20) (29)} | LSW Linear Spread Lens Wide ^{(1° x 60°) (48) (47)} | CBK Glossy Black | | CBK Glossy Black |
| SDALI1 Standard DALI Dimming 1% Linear Curve ^{(28) (32)} | | GYL Glossy Yellow | | GYL Glossy Yellow |
| SDALI2 Standard DALI Dimming 1% Logarithmic Curve ^{(28) (32)} | | GLR Glossy Red | | GLR Glossy Red |
| DALI1 Professional DALI Dimming 0.1% Linear Curve ^{(19) (20) (33)} | | GVI Glossy Violet | | GVI Glossy Violet |
| DALI2 Professional DALI Dimming 0.1% Logarithmic Curve ^{(19) (20) (33)} | | GGR Glossy Green | | GGR Glossy Green |
| DALIT8 DALI-2 T8 Enabled Dimming 1% ^{(34) (35)} | | GIY Glossy Ivory | | GIY Glossy Ivory |
| ES Lutron® Hi-lume 1% EcoSystem® LDE1/PEQ1 Soft-on/Fade-to-Black ⁽³⁾ ^{(20) (38) (37)} | | CGY Concrete Gray | | CGY Concrete Gray |
| LT Lumentalk Enabled Dimming ^{(38) (39)} | | MLG Metalized Gray | | MLG Metalized Gray |
| DMX/RDM DMX/RDM Enabled Dimming 1% ⁽³⁸⁾ ^{(40) (41)} | | IBR Italian Brick Red | | IBR Italian Brick Red |
| | | PWH Parget White | | PWH Parget White |
| | | CC Custom Color & Finish ⁽⁵⁰⁾ | | 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 3000 lumens (CR80, RCR80, CR90, CR95 or RCR95), 4000 lumens (CR80, RCR80 or CR90), 5000 lumens (CR80, RCR80 or CR90) and 6000 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 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.
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 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 3000 lumens (CR80, RCR80, CR90, CR95 or RCR95), 4000 lumens (CR80, RCR80 or CR90), 5000 lumens (CR80, RCR80 or CR90) for NFR, M, MFR, W and WFR optics.
32. Available for DTW and DTWP color options only, when combined with 1000, 1300, 2000 or 3000 lumens.
33. Consult factory for other DALI control options for static color temperatures.
34. Available for DWH, DWWP and DWWP color options only. DALI-2 Type 8 controller required.
35. Consult factory for DALIT8 control option.
36. One EcoSystem® address per fixture. 1% minimum dimming value. Lutron® EcoSystem® Enabled dimming not available for 700 lumens, 1000, 4000, 5000 or 6000 lumens.
37. 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.
38. 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.
39. A Lumentranslator 2 (LTL2) and LumenID (LID) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
40. A Control Box (CBX-DS or CBX-ST) and LumenID (LID) must be specified.
41. Configurable to 1, 2, or 3 channel control via RDM in the field.

42. 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.

43. 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 (CL) 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.

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

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

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

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

48. 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.

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

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