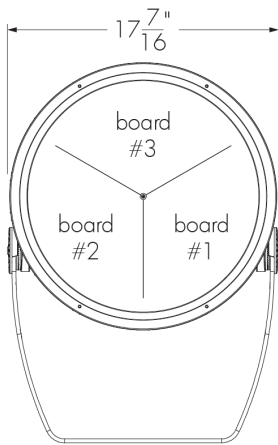


Project Name

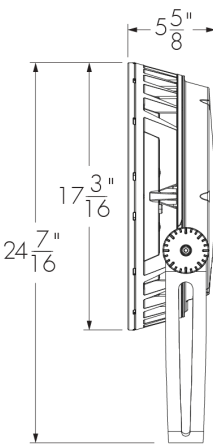
Qty

Type

Catalog / Part Number



Front view



Side view

Photometric Summary

Symmetric

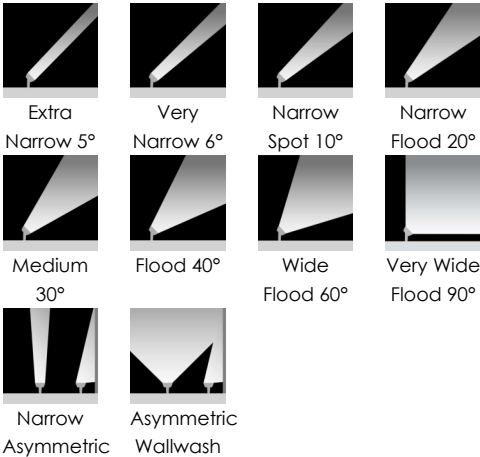
	Delivered output (lm)	Intensity (peak cd)
XN (5°)	12,604	746,758
VN (6°)	11,611	579,209
NS (10°)	12,227	370,146
NF (20°)	11,000	92,099
M (30°)	10,489	47,413
FL (40°)	10,013	26,728
WFL (60°)	10,113	10,498
VWFL (90°)	12,595	6,528

Asymmetric

NAS	10,686	158,403 (@2.5°)
WW	10,040	46,375 (@5°)

1. Based on HO DWH, full output.
2. Photometric performance is measured in compliance with IESNA LM-79-24.
3. Refer to the [Lumenbeam Dynamic White Photometric Guide](#) on Lumenpulse website for information on other color temperatures.

Optic



Description

The Lumenbeam XLarge Dynamic White is an IP66-rated luminaire for lighting landscapes, trees, columns, monuments, and architectural details with a special feature that enables the selection of any color temperature from 2200K to 3000K or from 2700K to 6500K. This dynamic feature gives designers and their clients the freedom to alter a space's ambiance in response to the time of day or the way a space is used. A number of other options are on offer: two outputs RO (140W) and HO (205W), optics for flood or accent lighting, as well as accessories, spread lenses, and controls. The luminaire also has an anti-corrosion option for use in harsh, chemical, or coastal environments.

Features

Color and Color Temperature	DWH: Dynamic White (2700K to 6500K), DWW: Dynamic Warm White (2200K to 3000K)
Optics (Nominal Distribution)	XN: XN (5°), VN: VN (6°), NS: NS (10°), NF: NF (20°), M: M (30°), FL: FL (40°), WFL: WFL (60°), VWFL: VWFL (90°), NAS: NAS (Narrow Asymmetric), WW: WW (Asymmetric Wallwash)
Optical Option	LSLH: Linear Spread Lens Horizontal Distribution, LSLV: Linear Spread Lens Vertical Distribution
Option	SY: Short Yoke, SRY: Short Rotational Yoke, RY: Rotational Yoke, 3GV: 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications, CRC: Corrosion-Resistant Coating for Hostile Environments
Cable Color	BK: Black, WH: White
Power Consumption	140 W (RO version), 205 W (HO version)
Warranty	5-year limited warranty

Color and Color Temperature



Dynamic Warm White (2200K to 3000K)



Dynamic White (2700K to 6500K)

Control

DIM/DTW DMX/RDM1 DMX/RDM 

DALI
T8

Ratings

IP66 IK09

Lumencycle™ Program



Certifications





Performance

Maximum Delivered Output	7,609 lm (DWW full output, XN 5°, DMX/RDM, RO version) 9,831 lm (DWH full output, XN 5°, DMX/RDM, RO version) 9,756 lm (DWW full output, XN 5°, DMX/RDM, HO version) 12,604 lm (DWH full output, XN 5°, DMX/RDM, HO version)
Maximum Delivered Intensity	450,833 cd at nadir (DWW full output, XN 5°, DMX/RDM, RO version) 582,471 cd at nadir (DWH full output, XN 5°, DMX/RDM, RO version) 577,991 cd at nadir (DWW full output, XN 5°, DMX/RDM, HO version) 746,758 cd at nadir (DWH full output, XN 5°, DMX/RDM, HO version)
Illuminance at Distance	Minimum 1 fc at 674 ft (DWW full output, XN 5°, DMX/RDM, RO version) Minimum 1 fc at 766 ft (DWH full output, XN 5°, DMX/RDM, RO version) Minimum 1 fc at 763 ft (DWW full output, XN 5°, DMX/RDM, HO version) Minimum 1 fc at 868 ft (DWH full output, XN 5°, DMX/RDM, HO version)
Lumen Maintenance	L70 120,000 hrs (Ta 25 °C)
Physical	
Housing Material	Low copper content high pressure die-cast aluminum
Yoke Material	Steel (standard yoke included)
Lens Material	Clear tempered glass
Hardware Material	Stainless steel
Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	38 lbs
EPA	Front = 1.93 ft², Side = 0.45 ft²
Electrical and Control	
Voltage	100 to 277 volts
Fixture Cable	Power and data in one cable
Conductors	3C #16-3 (LT control) 5C #16-5 (DIM/DTW, DALIT8 control) 6C #14-3/ #24-3 (DMX/RDM1, DMX/RDM control)
Control	Lumentalk, Dim to Warm via 0-10V (2700K to 2200K), Dim to Warm via Single-Channel DMX/RDM (2700K to 2200K), DMX/RDM Enabled 3-Channel Color Temperature Control, DALI 2 T8 Enabled Dimming 0.1%
Resolution (DMX/RDM)	Per board or fixture for DMX/RDM control option (configured with LumenID V3 software), Per fixture for DMX/RDM1 control option, 8-bit or 16-bit
Dynamic Warm Color Temperature Mixing	108 LEDs (12x 2200K, 12x 2700K, 12x 3000K per board)

Dynamic White Color Temperature Mixing	108 LEDs (12x 2700K, 12x 4000K, 12x 6500K per board)
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Environmental

Storage Temperature	-40 °F to 158 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-13 °F to 122 °F
Operating Temperature	-40 °F to 122 °F
Ingress Protection Rating	IP66 Wet location rated
Impact Resistance Rating	IK09
Application Wind Speed	Luminaires were designed based on AASHTO 2018 (50 ft, 150 mph) standard to ensure highest quality and safety. Installation should be validated by a local project engineer to ensure the luminaires are suitable for the wind speed and exposure of the specific application. Consult factory for zones with higher wind speeds or higher mounting heights. See Optical Accessories section for exception.

Accessories (Order Separately)

Optical Accessories	Lumenbeam LBX Snoot, Lumenbeam LBX Snoot Wide, Lumenbeam LBX Visor, Lumenbeam LBX Linear Spread Lens Adjustable, Lumenbeam LBX Wire Guard, Lumenbeam LBX Dome Lens
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), Pharos® Express Control Kit (EXPERT)
Diagnostic and Addressing Tools	LumenID (LID)

Operation and Maintenance

Lumencycle™ Program	Lumencycle-enabled fixtures are designed for serviceability and circular lifecycle management. Lumenpulse will provide factory refurbishment programs, allowing luminaires to be restored and redeployed rather than replaced.
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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.

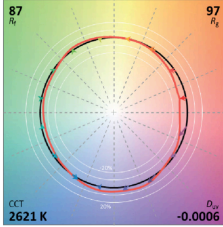
Lumencycle™ Program

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>.

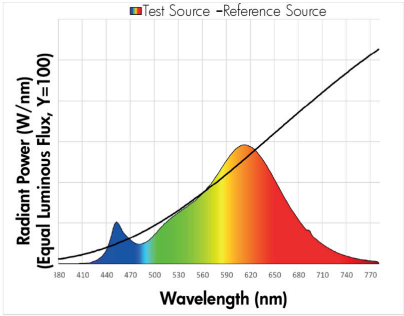
Chromaticity Data

TM-30 - DWW

CCT	CIE		TM-30	
DWW	R _a	86	87	R _f
Full Output	R _g	26	97	R _g

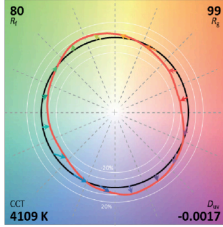


DWW Spectral Power Distribution

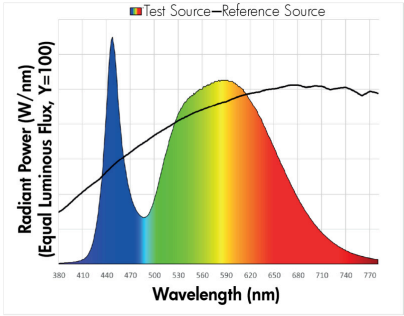


TM-30 - DWH

CCT	CIE		TM-30	
DWH	R _a	81	80	R _f
Full Output	R _g	22	99	R _g

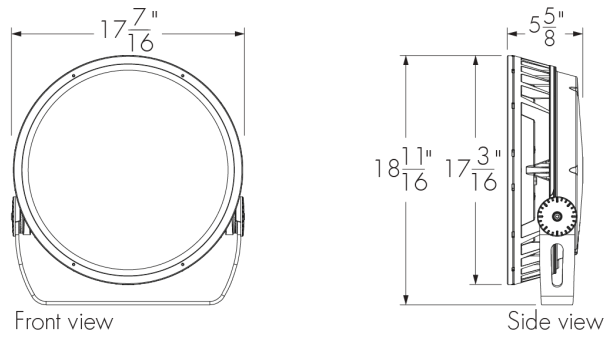


DWH Spectral Power Distribution

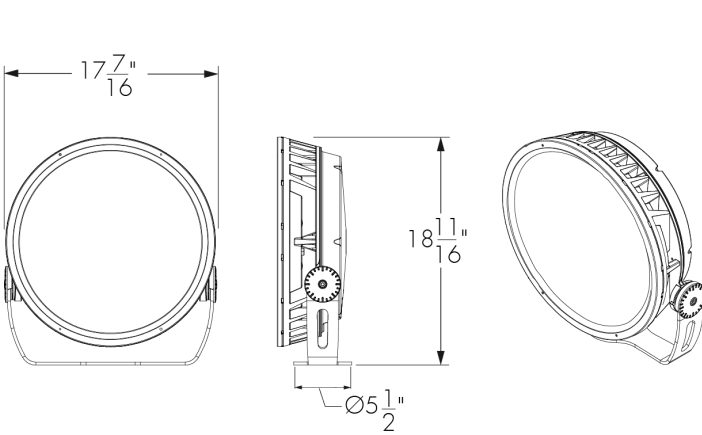


Mounting Options

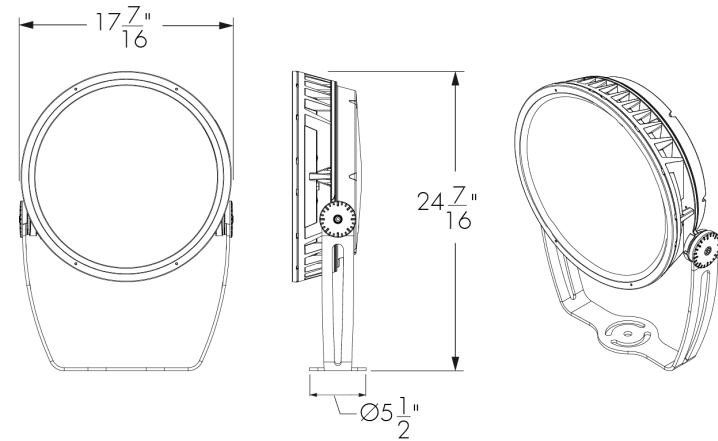
SY - Short Yoke



SRY - Short Rotational Yoke



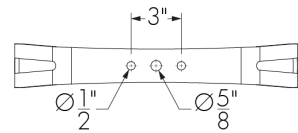
RY - Rotational Yoke



The combination of Short Rotational Yoke or Rotational Yoke and Snoot Wide can be installed in zones with wind speeds up to 120 mph (50 ft). Consult factory for zones with wind speeds higher than 120 mph or different mounting heights.

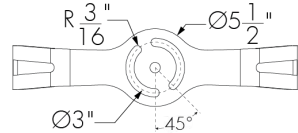
Mounting Details

Mounting Hole Pattern - Standard And Short Yoke



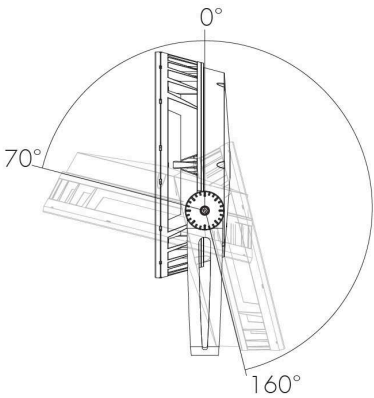
3 bolts are required for wind and vibration resistance, provided by others.

Mounting Hole Pattern - Rotational Yoke

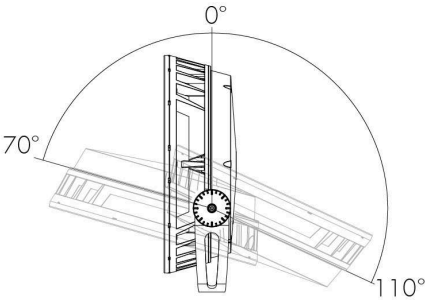


3 bolts are required for wind and vibration resistance, provided by others.

Adjustable Pivot Limits (Adjustable In 6 Degree Increments)



Standard Yoke



Short Yoke

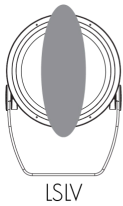
Optical Options

LSLH - Linear Spread Lens Horizontal Distribution



LSLH - Linear spread lens horizontal distribution

LSLV - Linear Spread Lens Vertical Distribution



Beam Angles

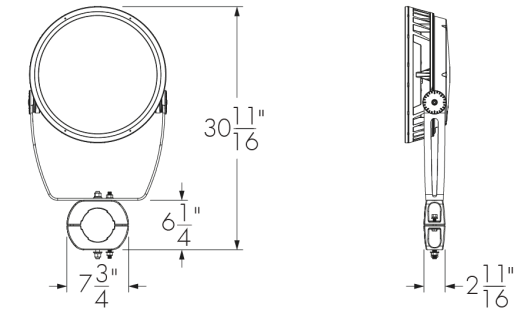
Optic installed in fixture	Beam angle with LSLH/LSLV
XN	5° x 60°
VN	8° x 50°
NS	9° x 56°
NF	17° x 57°
M	27° x 68°
FL	37° x 74°

LLF: 0.88*
*LLF may vary slightly by distribution chosen.

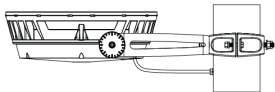
Factory installed, not adjustable on site. Not available for WFL, VWFL, NAS and WW optics.
See 'Optical Accessories' section for field adjustable spread lens (LSLA).

Mounting Accessories (Order Separately)

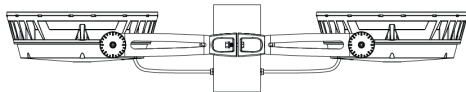
Round Pole Mounting Accessory



PM4 model shown.
Consult factory for square pole section.



PM4-1, PM4.5-1, PM5-1 - Round pole mounting accessory - single fixture

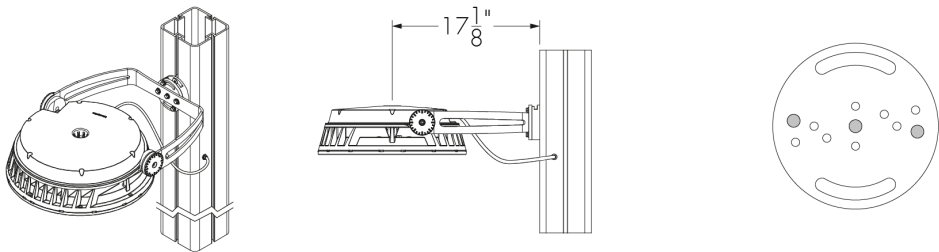


PM4-2, PM4.5-2, PM5-2 - Round pole mounting accessory - twin fixtures
*One bracket assembly is supplied per 2 fixtures unless otherwise specified.

	PM4	PM4.5	PM5
For pole Ø	4" ± 1/16	4.5" ± 1/16	5" ± 1/16

Consult factory for other pole diameters.

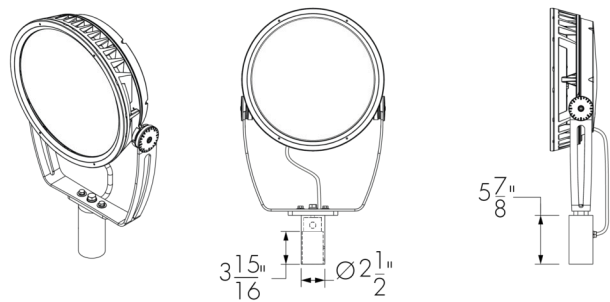
PLTU - Universal Yoke



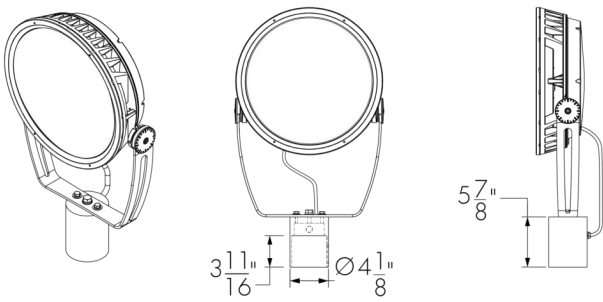
Refer to the Universal Yoke specification sheet and Pole installation instructions for more details. Square Lumentech profile shown.

The mounting holes used for this fixture are shown in gray.

Tenon Adapter



TN2 - Tenon adapter to fit on 2 3/8 in O.D. tenon
Vertical mounting only. Consult factory for horizontal mounting.

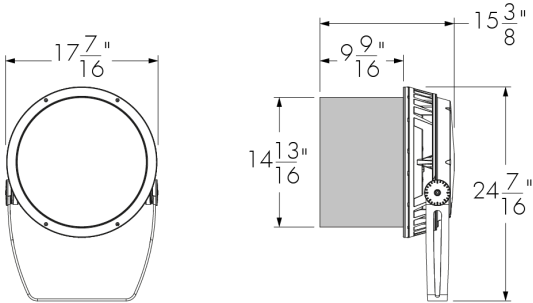


TN4 - Tenon adapter to fit on 4 in O.D. tenon
Vertical mounting only. Consult factory for horizontal mounting.

Optical Accessories (Order Separately)

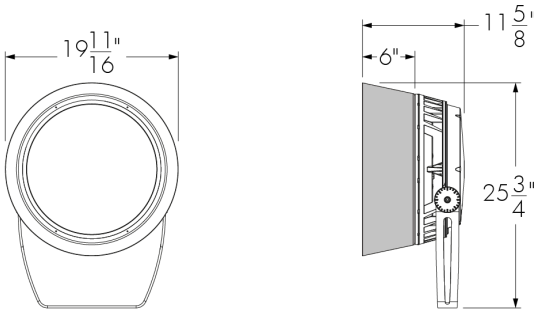
Installed optical accessories will affect the maximum pivot limits for each mounting option, consult factory for details.

SN - Snoot



LBXSN-FINISH-BK-OPTIONS (CRC)
Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

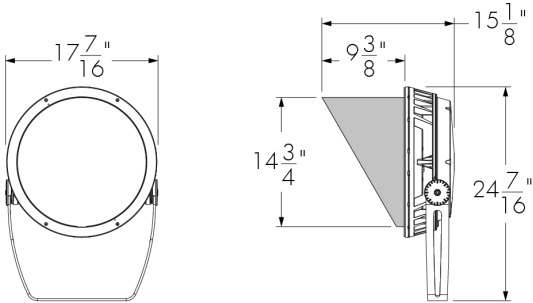
SNW - Snoot Wide



LBXSNW-FINISH-BK-OPTIONS (CRC)
Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

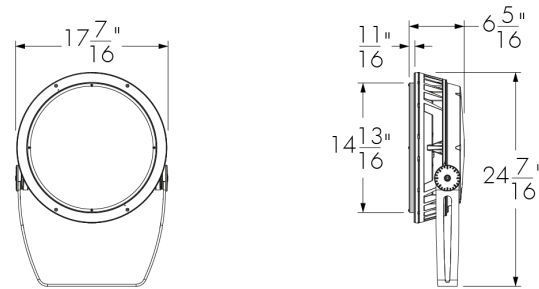
The combination of Short Rotational Yoke or Rotational Yoke and Snoot Wide can be installed in zones with wind speeds up to 120 mph (50 ft). Consult factory for zones with wind speeds higher than 120 mph or different mounting heights.

VS - Visor



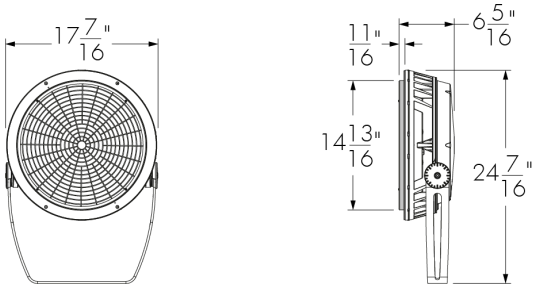
LBXVS-FINISH-BK-OPTIONS (CRC)
Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

LSLA - Linear Spread Lens Adjustable



LBXLSLA-FINISH-OPTIONS (CRC)
Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

WG - Wire Guard



LBXWG-FINISH-OPTIONS (CRC)
Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

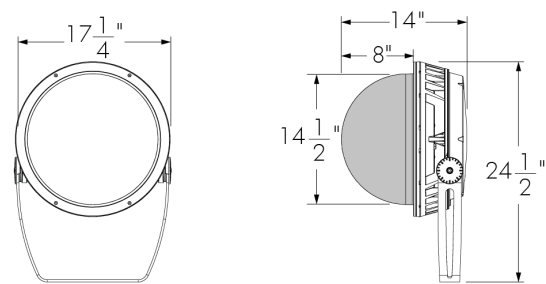
Accessory Combinations

	+	Snoot	Snoot wide	Visor
Linear spread lens adjustable		LBXSNLSLA	N/A *	LBXVLSLA
Wire guard		LBXSNWG	N/A	LBXVSWG

Accessory combinations must be ordered together on a single line
Ex: A snoot + wire guard combination order code is LBXSNWG-FINISH-BK-OPTIONS. A maximum of two accessories can be combined per fixture.
*Consult factory for a linear spread lens adjustable + snoot wide combination.

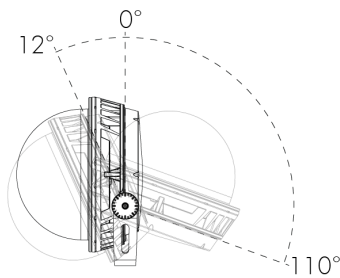
Installed optical accessories will affect the maximum pivot limits for each mounting option, consult factory for details.

DM - Dome Lens

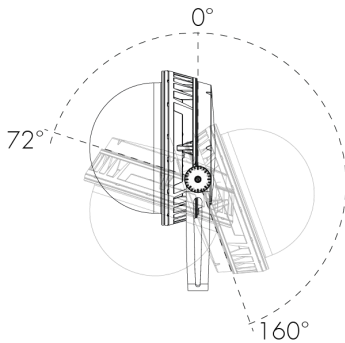


LBXDM-FINISH-OPTIONS (CRC)
Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

Dome - Short Yoke - Pivot limits

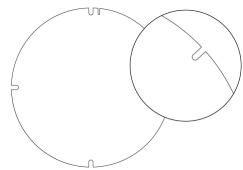
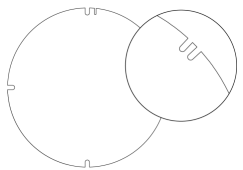
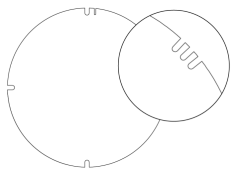
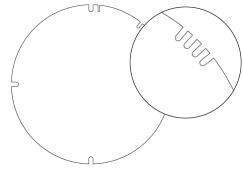
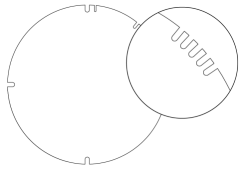
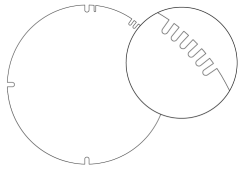


Dome - Standard Yoke - Pivot limits



Dome Lens is available with WFL Optic only. The WFL optic must be specified for the fixture.
Dome Lens cannot be combined with other optical accessories.
Dome Lens will affect beam distribution. Consult factory for application support and photometric performance.

Diffuser Lenses (Intended for Mockup Purposes Only, Order Separately)

Diffuser Lens 1 (1 Notch)	Diffuser Lens 2 (2 Notches)	Diffuser Lens 3 (3 Notches)
		
147689	147690	147691
Diffuser Lens 4 (4 Notches)	Diffuser Lens 5 (5 Notches)	Diffuser Lens 6 (6 Notches)
		
147692	147693	147694

Final Distribution Using Diffuser Lenses

	Final Distribution Using Diffuser Lens					
Original Distribution on Fixture	Diffuser Lens 1 1 Notch	Diffuser Lens 2 2 Notches	Diffuser Lens 3 3 Notches	Diffuser Lens 4 4 Notches	Diffuser Lens 5 5 Notches	Diffuser Lens 6 6 Notches
XN (4°/5°)	VN	NS	NF	M	FL	WFL
VN (6°)	NS					
NS (10°)						
NF (20°)						
M (30°)				FL	WFL	
FL (40°)						
WFL (60°)						VWFL
VWFL (90°)						

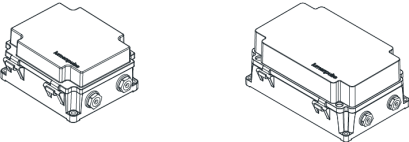
Choose a diffuser lens based on the desired final beam distribution. Refer to the 6-digit part numbers above to order diffuser lenses individually. To order a complete set of 6 diffuser lenses in a bag, refer to the following item names: **LBS**: LBALK-S **LBM/LBMP**: LBALK-M **LBL/LBLP**: LBALK-L **LBG/LBGP**: LBALK-G **LBX/LBXP**: LBALK-X.

The diffuser lenses are intended for mockup purposes only. A lens holder is required to install a diffuser lens on the fixture, order separately using the following names: **LBS**: LBSLSLA-FINISH-LBALK **LBM/LBMP**: LBMLSLSLA-FINISH-LBALK **LBL/LBLP**: LBLLSLSLA-FINISH-LBALK **LBG/LBGP**: LBGLSLA-FINISH-LBALK **LBX/LBXP**: LBXLSLA-FINISH-LBALK

Please specify the exterior **FINISH** from the list of finishes in the fixture order code.
Refer to the Diffuser Lens Installation Instructions on the Lumenpulse website for information on installing the diffuser lenses.

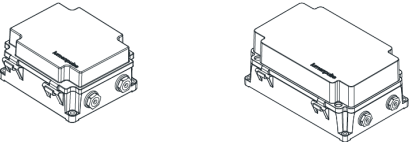
Control Boxes (Order Separately)

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.

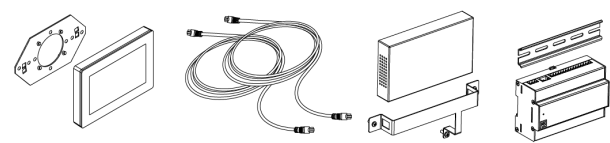
CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)



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.

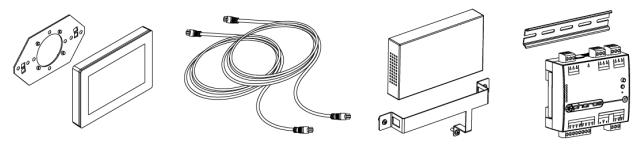
Control Systems (Order Separately)

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® Express Control Kit



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

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.

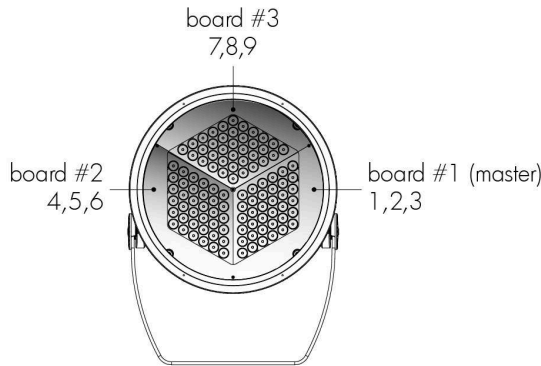
EPA Guide

	LBX 	LBX with Snoot 	LBX with Visor 	LBX with Snoot Wide 	LBX with Dome Lens 
EPA front (sq ft)	1.925	1.925	1.925	2.994	1.925
EPA side (sq ft)	0.448	1.183	1.183	1.026	0.738

Resolution Details

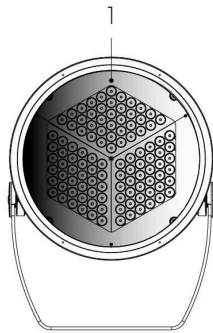
Resolution Per Board: Each Board is Addressed Independently

DMX Addresses:

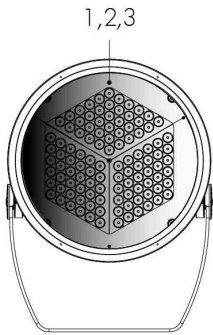


DMX/RDM control option

Resolution Per Fixture: Each Fixture Is Addressed Independently
DMX Addresses:



DMX/RDM1 control option



DMX/RDM control option

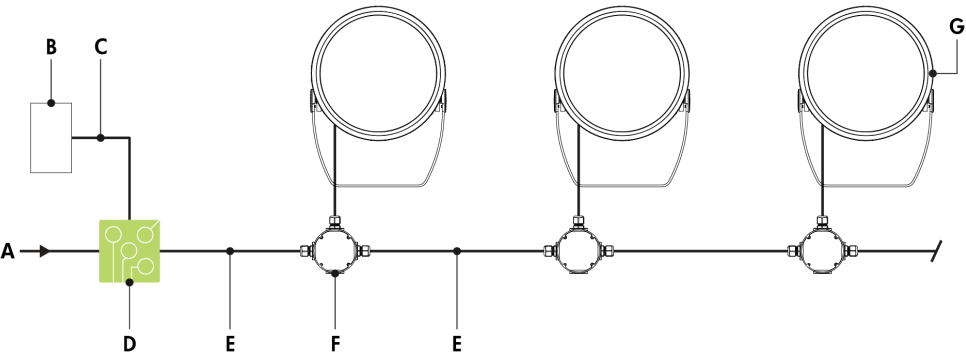
Fixture resolution can be configured on-site within the LumenID V3 software.

Typical Wiring Diagrams

Wiring Color Code

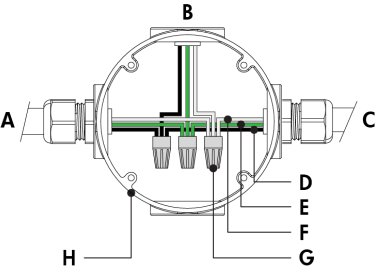
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -
Gray	Signal common (DMX/RDM only)

Lumentalk (LT)



- A - Power input (100-277V AC, wiring by others)
- B - DMX/RDM controller (order separately from Lumenpulse, or by others)
- C - Data wiring (by others)
- D - Lumentranslator 2 (LTL2-DMX)
- E - Power wiring (by others)
- F - Junction box (by others)
- G - Lumenbeam LBX

Lumentalk (LT) - Wiring Detail

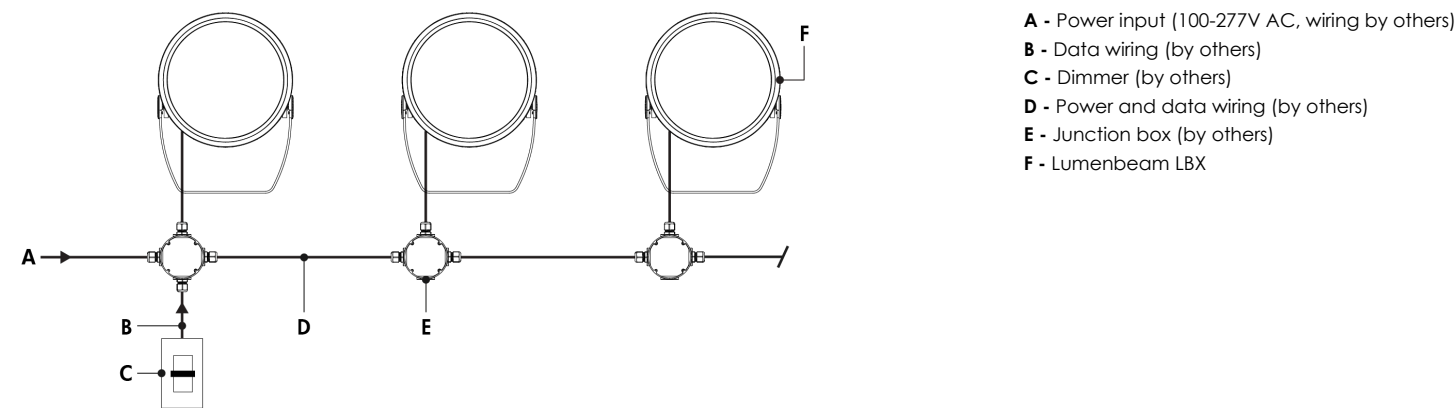


- A - Power input (control over power line via Lumentalk system) or from previous fixture
- B - To fixture
- C - To next fixture
- D - Line
- E - Ground
- F - Line/Neutral
- G - Wire-nut (by others)
- H - Junction box (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk enabled fixtures must be commissioned using LumentalkID software and a LID. Consult factory for details.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- 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 applications that require additional capabilities.
- Regular Output version: 140 watts per fixture, High Output version: 205 watts per fixture.

Dim to Warm Via 0-10V (DIM/DTW*)

*Available For DWW Version Only, 2700K to 2200K



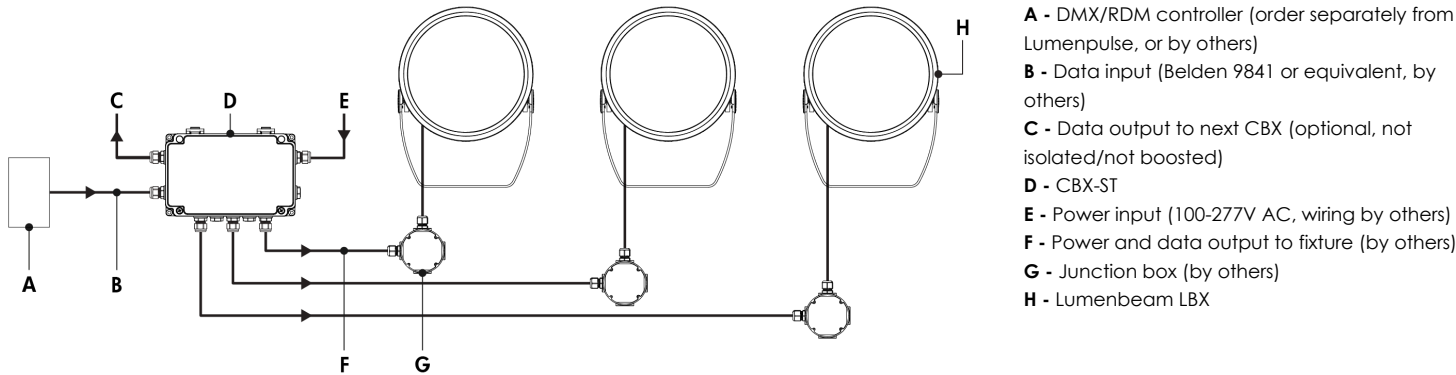
Dim to Warm Via 0-10V (DIM/DTW) - Wiring Detail



- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 0-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- Regular Output version: 140 watts per fixture, High Output version: 205 watts per fixture.

Star Layout (Dim to Warm Via DMX/RDM1* or 3-Channel DMX/RDM)

*Available For DWW Version Only, 2700K To 2200K



Star Layout (DMX/RDM1 or DMX/RDM) - Wiring Detail



Maximum Fixture Count Per Run

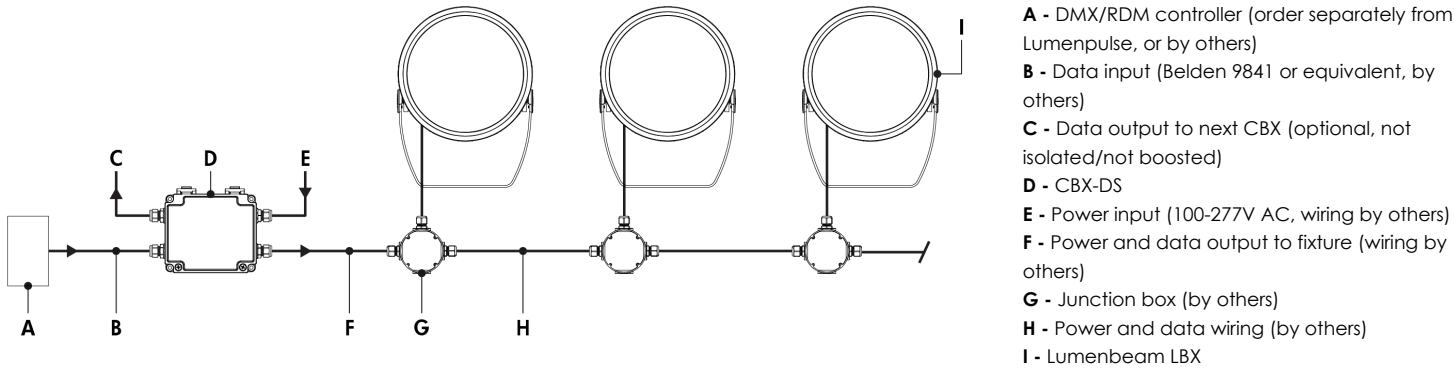
Configuration/Voltage	120V	208V	240V	277V
LBX RO	8	12	14	16
LBX HO	5	9	10	11

Based on 15A maximum, 16AWG cable, fixtures spaced 10 ft on center, first fixture 50 ft from CBX.

- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 6 outputs per CBX-ST.
- DMX/RDM1 control option requires 1 DMX address. DMX/RDM control option requires 3 DMX addresses.
- DMX terminator is required at the end of each run to maintain data integrity. Six (6x) DMX lumenterminators included per CBX-ST. See installation instructions for details.
- Regular Output version: 140 watts per fixture, High Output version: 205 watts per fixture.

Daisy Chain Layout (Dim to Warm Via DMX/RDM1* or 3-Channel DMX/RDM)

*Available for DWW Version Only, 2700K to 2200K



Daisy Chain Layout (DMX/RDM1 or DMX/RDM) - Wiring Detail (First or Middle of Run)



Daisy Chain Layout (DMX/RDM1 or DMX/RDM) - Wiring Detail (End of Run)



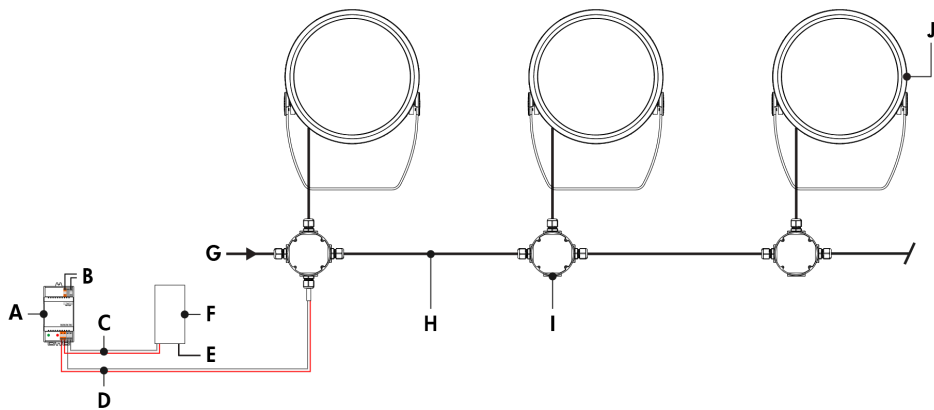
Maximum Fixture Count Per Run

Configuration/Voltage	120V	208V	240V	277V
LBX RO	8	12	14	16
LBX HO	5	9	10	11

Based on 15A maximum, 16AWG cable, fixtures spaced 10 ft on center, first fixture 50 ft from CBX.

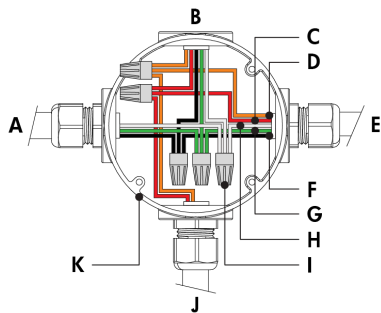
- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 1 output per CBX-DS.
- Maximum of 3 ft cable length between fixture and next junction box for daisy chain layout.
- DMX terminator is required at the end of each run to maintain data integrity. Two (2x) DMX lumenterminators included per CBX-DS. See installation instructions for details.
- DMX/RDM1 control option requires 1 DMX address. DMX/RDM control option requires 3 DMX addresses.
- Regular Output version: 140 watts per fixture, High Output version: 205 watts per fixture.

DALI 2 T8 (DALIT8)



- A - DALI bus power supply (by others)
- B - Power input for DALI bus power supply (wiring by others)
- C - Data output to DALI controller (wiring by others)
- D - Data output to fixture (wiring by others)
- E - Power input for DALI controller (if required, wiring by others)
- F - DALI controller (by others)
- G - Power input (100-277V AC, wiring by others)
- H - Power and data wiring (by others)
- I - Junction box (by others)
- J - Lumenbeam LBX

DALI 2 T8 (DALIT8) - Wiring Detail



- A - Power input or from previous fixture
- B - To fixture
- C - DA +
- D - DA -
- E - To next fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nut (by others)
- J - From DALI controller (by others)
- K - Junction box (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- The Lumenbeam responds to RGBWAF controls.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.
- Regular Output version: 140 watts per fixture, High Output version: 205 watts per fixture.

How to Order

Housing	Voltage	Color and Color Temperature	Optic1	Optic2	Optic3	Optical Option ⁽⁴⁾ ⁽⁶⁾	Finish	Control	Option
LBX RO Lumenbeam™ XLarge, Regular Output, 140W LBX HO Lumenbeam™ XLarge, High Output, 205W	100 100 Volts 120 120 Volts 208 208 Volts 220 220 Volts 240 240 Volts 277 277 Volts	DWW Dynamic Warm White (2200K to 3000K) DWH Dynamic White (2700K to 6500K)	XN Extra Narrow 5° ⁽¹⁾ VN Very Narrow 6° ⁽¹⁾ NS Narrow Spot 10° ⁽¹⁾ NF Narrow Flood 20° ⁽¹⁾ M Medium 30° ⁽¹⁾ FL Flood 40° ⁽¹⁾ WFL Wide Flood 60° ⁽¹⁾ ⁽²⁾ ⁽³⁾ VWFL Very Wide Flood 90° ⁽¹⁾ ⁽²⁾ NAS Narrow Asymmetric ⁽¹⁾ WW Asymmetric Wallwash ⁽¹⁾	XN Extra Narrow 5° ⁽¹⁾ VN Very Narrow 6° ⁽¹⁾ NS Narrow Spot 10° ⁽¹⁾ NF Narrow Flood 20° ⁽¹⁾ M Medium 30° ⁽¹⁾ FL Flood 40° ⁽¹⁾ WFL Wide Flood 60° ⁽¹⁾ ⁽²⁾ ⁽³⁾ VWFL Very Wide Flood 90° ⁽¹⁾ ⁽²⁾ NAS Narrow Asymmetric ⁽¹⁾ WW Asymmetric Wallwash ⁽¹⁾	XN Extra Narrow 5° ⁽¹⁾ VN Very Narrow 6° ⁽¹⁾ NS Narrow Spot 10° ⁽¹⁾ NF Narrow Flood 20° ⁽¹⁾ M Medium 30° ⁽¹⁾ FL Flood 40° ⁽¹⁾ WFL Wide Flood 60° ⁽¹⁾ ⁽²⁾ ⁽³⁾ VWFL Very Wide Flood 90° ⁽¹⁾ ⁽²⁾ NAS Narrow Asymmetric ⁽¹⁾ WW Asymmetric Wallwash ⁽¹⁾	LSLH Linear Spread Lens Horizontal Distribution ⁽⁵⁾ LSLV Linear Spread Lens Vertical Distribution ⁽⁵⁾	BK Black Sandtex® BRZ Bronze Sandtex® SI Silver Sandtex® WH Smooth White BKTX Textured Black BRZTX Textured Bronze Non-Metallic GRATX Textured Medium Gray GRNTX Textured Green WHTX Textured White CC Custom Color & Finish ⁽⁷⁾ ⁽⁸⁾ ⁽⁹⁾	LT Lumentalk ⁽¹⁰⁾ ⁽¹¹⁾ DIM/DTW Dim to Warm via 0-10V (2700K to 2200K) ⁽¹²⁾ DMX/RDM1 Dim to Warm via Single-Channel DMX/RDM (2700K to 2200K) ⁽¹²⁾ ⁽¹³⁾ ⁽¹⁴⁾ DMX/RDM 3-Channel Color Temperature Control via DMX/RDM ⁽¹³⁾ ⁽¹⁴⁾ DALIT8 DALI 2 T8 Enabled Dimming 0.1% ⁽¹⁵⁾	SY Short Yoke SRY Short Rotational Yoke RY Rotational Yoke 3GV 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications CRC Corrosion-Resistant Coating ⁽¹⁶⁾ ⁽¹⁷⁾

Notes:

1. Factory installed, not interchangeable on site.

2. Cannot be combined with other optics.

3. A dome lens accessory is available, order separately. For compatibility, a WFL optic must be specified for the fixture.

4. Optical options are factory installed and cannot be changed in the field.

5. Field adjustable spread lens optical accessory available, order separately.

6. Not available with WFL, VWFL, NAS and WW optics.

7. Lumenpulse offers a wide selection of RAL CLASSIC (K7) colors with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colors, other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.

8. Setup charges apply for RAL colors. Consult factory for details.
9. Longer lead times can be expected for custom RAL color finishes.

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

11. Not available with Class II double insulated option.

12. Available for DWW color temperature option only.

13. A control box (CBX) and LumenID (LID) must be specified.

14. Maximum of 3 ft cable length for daisy chain DMX applications with CBX-DS.

15. DALI 2 T8 controller required, provided by others. DALI 2 T8 control uses a single DALI short address.

16. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.

17. Setup charges apply. Consult factory for details.

How to Order

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Certification	Cable Length (14) (19)	Cable Color	Buy American Act
UL UL Compliant	3FT 3 ft (14) (19)	BK Black	BAA Buy American (20)
CE CE Compliant (18)	10FT 10 ft	WH White (20)	(21)
CEII CE Compliant Class II Double Insulated (18)	20FT 20 ft		
	30FT 30 ft		
	50FT 50 ft		
	70FT 70 ft		
	100FT 100 ft		

Notes:

14. Maximum of 3 ft cable length for daisy chain DMX applications with C8X-DS.

18. Consult European specification sheets and installation instructions for CE and CE Class II wiring information.

19. 3 ft cable length is standard unless otherwise specified.
20. Not available with CE or CEII certification options.

21. Contact your Lumenpulse Sales Representative for more information on order volume details.