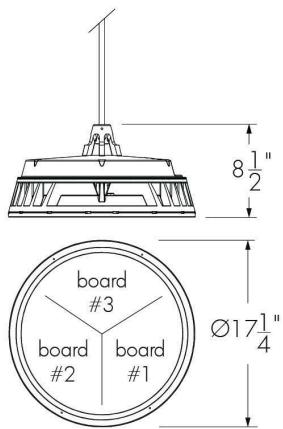


Project Name \_\_\_\_\_ Qty \_\_\_\_\_  
Type \_\_\_\_\_ Catalog / Part Number \_\_\_\_\_



Front view

Bottom view

## Photometric Summary

### Symmetric

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

### Asymmetric

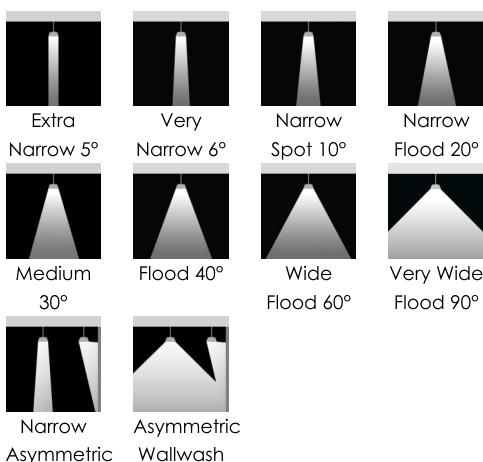
<b>NAS</b>	10,686	158,403 (@2.5°)
<b>WW</b>	10,040	46,375 (@5°)

<sup>1</sup> Based on HO DWH, full output.

<sup>2</sup> Photometric performance is measured in compliance withIESNA LM-79-24.

<sup>3</sup> Refer to the [Lumenbeam Dynamic White Photometric Guide](#) on Lumenpulse website for information on other color temperatures.

## Optic



## Description

The Lumenbeam XLarge Pendant Dynamic White is an IP66-rated suspended luminaire for high-ceiling applications such as airport terminals and public atriums, 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 the ambience of a space 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; various stem lengths, 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)

### Mounting Length

**24:** 24 in, **12:** 12 in, **48:** 48 in, **36:** 36 in

### 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

**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**

 Dww	 DWH
Dynamic Warm White (2200K to 3000K)	Dynamic White (2700K to 6500K)

**Control**

 DIM/DTW DMX/RDM1 DMX/RDM 

 DALI  
T8

**Ratings**

IP66 fixture IP54 canopy IK09

**Certifications**

**Performance**

<b>Maximum Delivered Output</b>	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)
<b>Maximum Delivered Intensity</b>	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)
<b>Illuminance at Distance</b>	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**

<b>Housing Material</b>	Low copper content high pressure die-cast aluminum
<b>Lens Material</b>	Clear tempered glass
<b>Hardware Material</b>	Stainless steel
<b>Gasket Material</b>	Silicone
<b>Surface Finish</b>	Electrostatically applied polyester powder coat
<b>Weight</b>	36 lbs

**Electrical and Control**

<b>Voltage</b>	100 to 277 volts
<b>Fixture Cable</b>	Power and data cable goes through stem
<b>Conductors</b>	3C #16-3 (LT control) 5C #16-5 (DIM/DTW, DALI T8 control) 6C #14-3/ #24-3 (DMX/RDM1, DMX/RDM control)
<b>Control</b>	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%
<b>Resolution (DMX/RDM)</b>	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
<b>Dynamic Warm Color Temperature Mixing</b>	108 LEDs (12x 2200K, 12x 2700K, 12x 3000K per board)
<b>Dynamic White Color Temperature Mixing</b>	108 LEDs (12x 2700K, 12x 4000K, 12x 6500K per board)

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**Environmental**


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<b>Storage Temperature</b>	-40 °F to 158 °F (device must reach start-up temperature value before operating)
<b>Start-up Temperature</b>	-13 °F to 122 °F
<b>Operating Temperature</b>	-40 °F to 122 °F
<b>Ingress Protection Rating</b>	IP66 fixture (wet location rated) IP54 canopy (suitable for wet location, not suitable for water jet)
<b>Impact Resistance Rating</b>	IK09

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**Accessories (Order Separately)**


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<b>Optical Accessories</b>	Lumenbeam LBX Snoot, Lumenbeam LBX Snoot Wide, Lumenbeam LBX Visor, Lumenbeam LBX Linear Spread Lens Adjustable, Lumenbeam LBX Wire Guard
<b>Control Boxes</b>	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration)
<b>Control Systems</b>	Pharos® Designer Lighting Control Kit (PHAROS), Pharos® Expert Control Kit (EXPERT)
<b>Diagnostic and Addressing Tools</b>	LumenID (LID)

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**Important**


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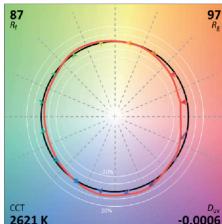
**Virtual Patent Marking Notice**

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.

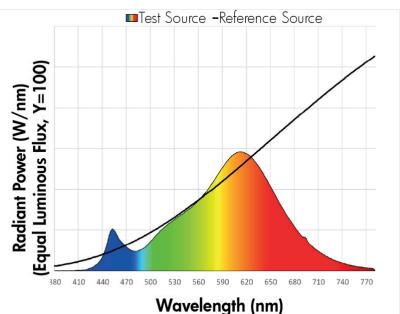
## Chromaticity Data

### TM-30 - DWW

CCT	CIE		TM-30	
DWW	$R_a$	86	87	$R_f$
Full Output	$R_g$	26	97	$R_g$

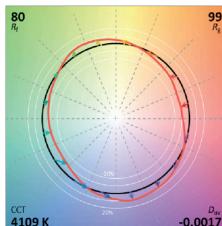


### DWW Spectral Power Distribution

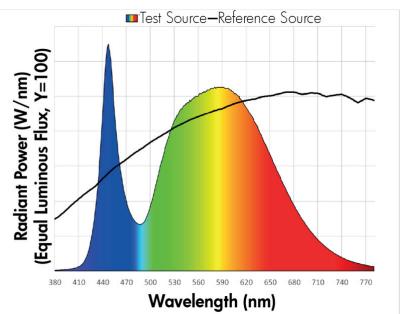


### TM-30 - DWH

CCT	CIE		TM-30	
DWH	$R_a$	81	80	$R_f$
Full Output	$R_g$	22	99	$R_g$

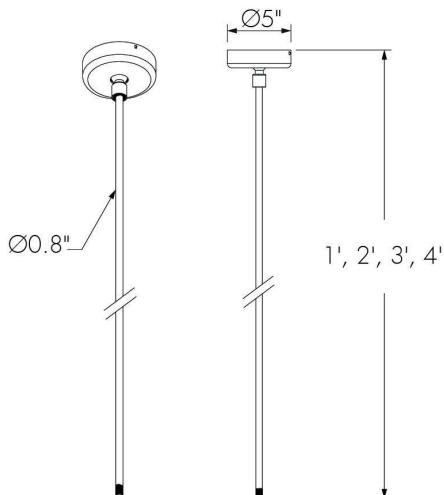


### DWH Spectral Power Distribution



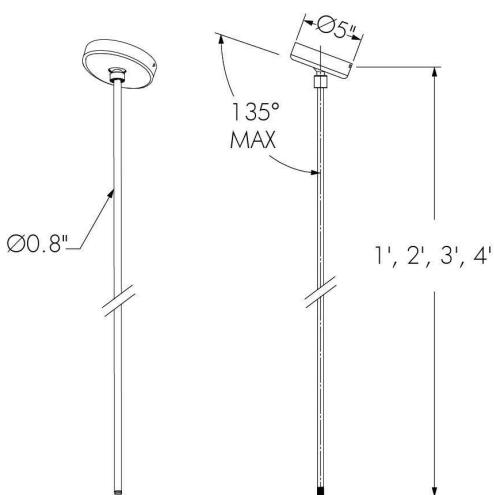
## Mounting Types

### SCAN - Standard Straight Stem Canopy



Not suitable when fixture is exposed to wind.  
 Suitable for under canopy installation only.  
 No vibration rating.

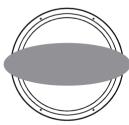
### ACAN - Adjustable Sloped Ceiling Canopy



Not suitable when fixture is exposed to wind.  
 Suitable for under canopy installation only.  
 No vibration rating.

## Optical Options

LSLH - Linear Spread Lens Horizontal Distribution



LSLH

LSLV - Linear Spread Lens Vertical Distribution



LSLV

Beam Angles

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

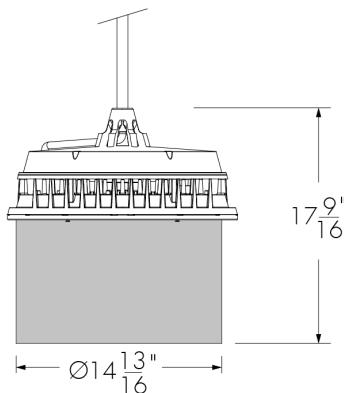
LLF: 0.88\*

\*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).

Optical Accessories (Order Separately)

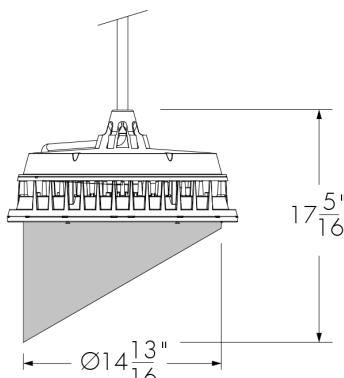
## SN - Snoot



## LBXSN-FINISH-BK-OPTIONS (CRC)

Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

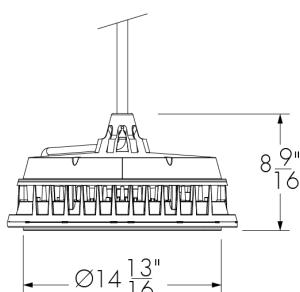
## VS - Visor



## LBXVS-FINISH-BK-OPTIONS (CRC)

Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

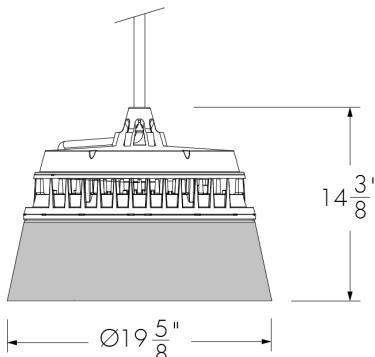
## WG - Wire Guard



## LBXWG-FINISH-OPTIONS (CRC)

Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

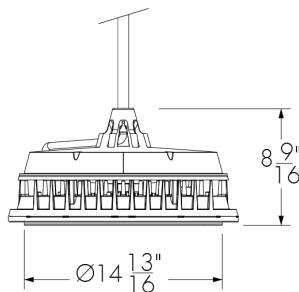
## SNW - Snoot Wide



## LBXSNW-FINISH-BK-OPTIONS (CRC)

Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

## LSLA - Linear Spread Lens Adjustable



## LBXLSLA-FINISH-OPTIONS (CRC)

Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

## Accessory Combinations

+	Snoot	Snoot wide	Visor
<b>Linear spread lens adjustable</b>	LBXSNLSLA	N/A*	LBXVSLSLA
<b>Wire guard</b>	LBXSNWVG	N/A	LBXVSWG

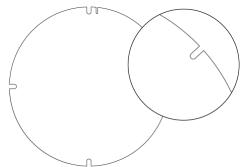
Accessory combinations must be ordered together on a single line.

Ex: A snoot + wire guard combination order code is LBXSNWVG-**FINISH-BK-OPTIONS**. A maximum of two accessories can be combined per fixture.

\*Consult factory for a linear spread lens adjustable + snoot wide combination.

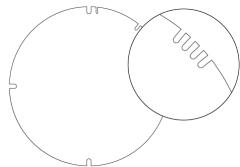
**Diffuser Lenses (Intended for Mockup Purposes Only, Order Separately)**

Diffuser Lens 1 (1 Notch)



147689

Diffuser Lens 4 (4 Notches)



147692

Final Distribution Using Diffuser Lenses

Original Distribution on Fixture	Final Distribution Using Diffuser Lens					
	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
<b>XN (4°/5°)</b>	VN	NS				
<b>VN (6°)</b>	NS		NF	M	FL	WFL
<b>NS (10°)</b>						
<b>NF (20°)</b>						
<b>M (30°)</b>				FL		
<b>FL (40°)</b>					WFL	
<b>WFL (60°)</b>						VWFL
<b>VWFL (90°)</b>						

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.

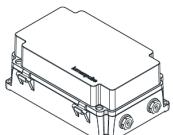
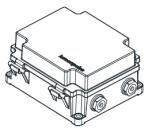
The diffuser lenses are intended for mockup purposes only. A lens holder is required to install a diffuser lens on the fixture, order separately using the following names: **LBS**: LBSLSLA-FINISH-LBALK **LBM/LBMP**: LBMLSLA-FINISH-LBALK **LBL/LBLP**: LBLLSLA-FINISH-LBALK **LBG/LBGP**: LBGLSLA-FINISH-LBALK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

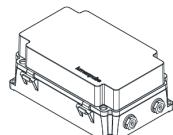
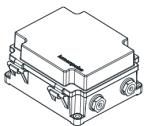
## Control Boxes (Order Separately)

### 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® 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.

## Diagnostic And Addressing Tools (Order Separately)

### LID - LumenID

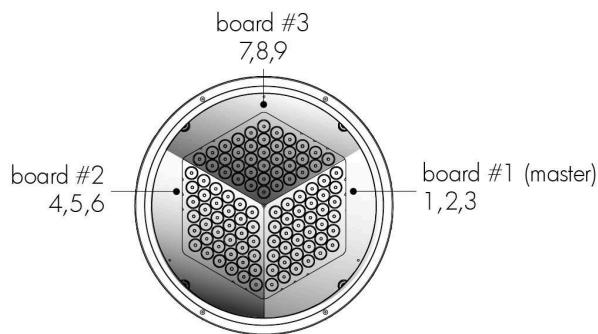


The updated LumenID (LID) is an all-in-one diagnostic and addressing solution for both DMX/RDM and Lumentalk (LT) systems. Engineered for versatility, it streamlines commissioning and troubleshooting across protocols—no need for multiple tools. Cable option may vary; please consult factory. For complete details, refer to the LID specification sheet.

## Resolution Details

**Resolution Per Board: Each Board is Addressed Independently**

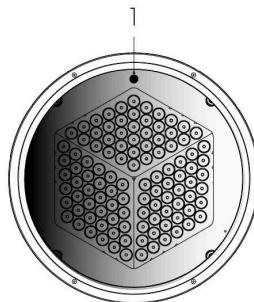
**DMX Addresses:**



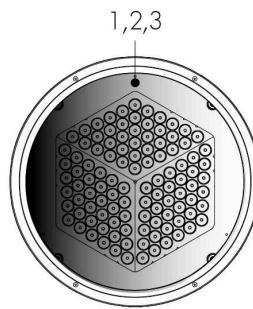
DMX/RDM control option

**Resolution Per Fixture: Each Fixture Is Addressed Independently**

**DMX Addresses:**



DMX/RDM1 control option



DMX/RDM control option

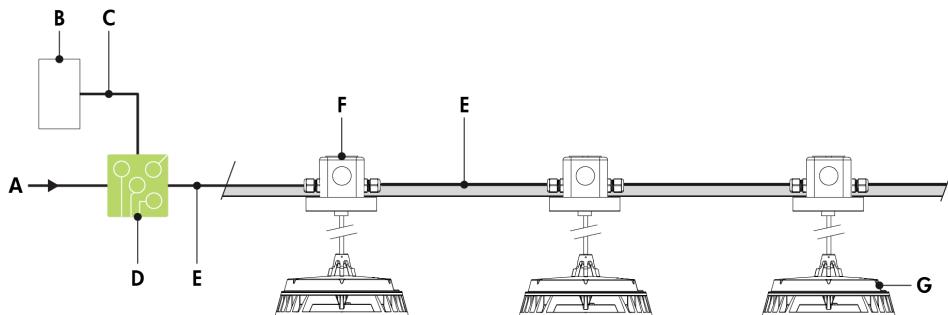
Fixture resolution can be configured on-site within the LumenID V3 software.

## Typical Wiring Diagrams

### Wiring Color Code

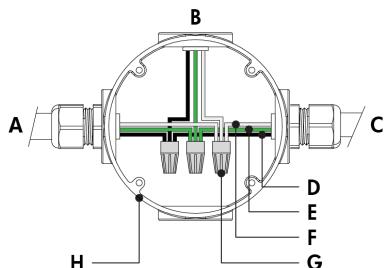
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -
Gray	Signal common (DMX/RDM only)

### 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 Pendant

### Lumentalk (LT) - Wiring Detail

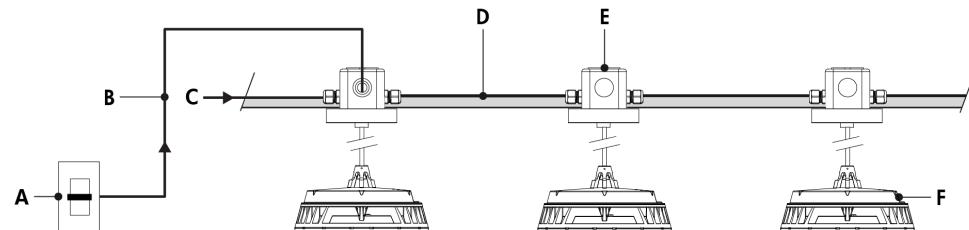


- A** - Power input (control over power line via Lumentalk system) or from previous fixture
- B** - To fixture
- C** - To next fixture
- D** - Line
- E** - Ground
- F** - Line/Neutral
- G** - Wire-nut (by others)
- H** - Junction box (by others)

- 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.

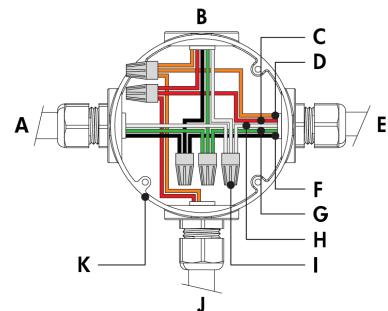
## Dim to Warm Via 0-10V (DIM/DTW\*)

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



- A - Dimmer (by others)
- B - Data wiring (by others)
- C - Power input (100-277V AC, wiring by others)
- D - Power and data wiring (by others)
- E - Junction box (by others)
- F - Lumenbeam LBX Pendant

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

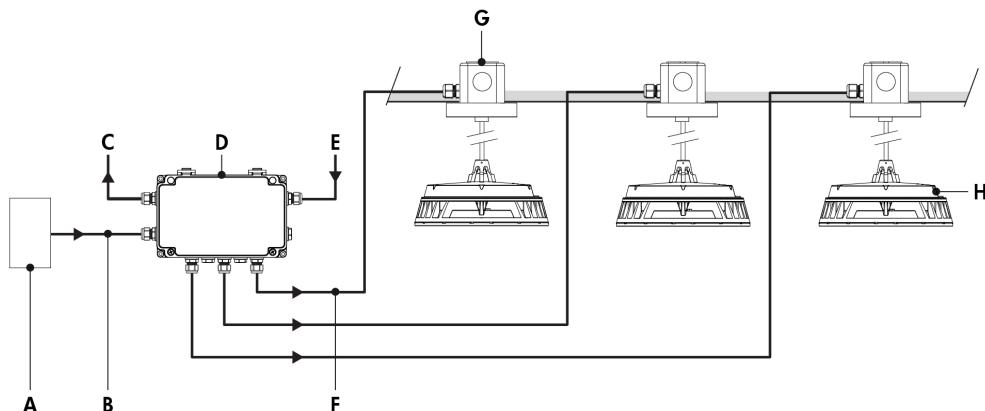


- A - Power input or from previous fixture
- B - To fixture
- C - 0-10 V +
- D - 0-10 V -
- E - To next fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nut (by others)
- J - From dimmer (by others)
- K - Junction box (by others)

- 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



**A** - DMX/RDM controller (order separately from Lumenpulse, or by others)

**B** - Data input (Belden 9841 or equivalent, by others)

**C** - Data output to next CBX (optional, not isolated/not boosted)

**D** - CBX-ST

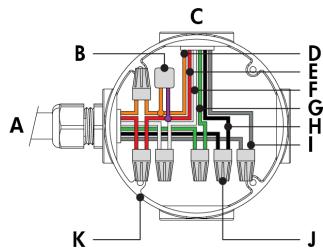
**E** - Power input (100-277V AC, wiring by others)

**F** - Power and data output to fixture (wiring by others)

**G** - Junction box (by others)

**H** - Lumenbeam LBX Pendant

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



**A** - From CBX

**B** - Lumenterminator

**C** - To fixture

**D** - Data -

**E** - Data +

**F** - Neutral

**G** - Ground

**H** - Line

**I** - Signal common

**J** - Wire-nut (by others)

**K** - Junction box (by others)

## Maximum Fixture Count Per Run

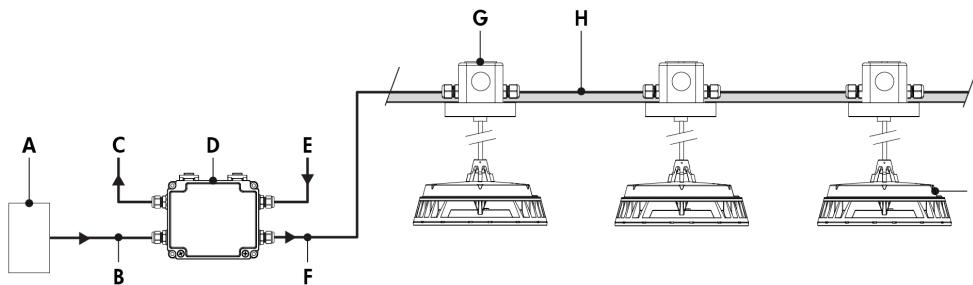
Configuration/Voltage	120V	208V	240V	277V
<b>LBXP RO</b>	8	12	14	16
<b>LBXP HO</b>	5	9	10	11

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



**A** - DMX/RDM controller (order separately from Lumenpulse, or by others)

**B** - Data input (Belden 9841 or equivalent, by others)

**C** - Data output to next CBX (optional, not isolated/not boosted)

**D** - CBX-DS

**E** - Power input (100-277V AC, wiring by others)

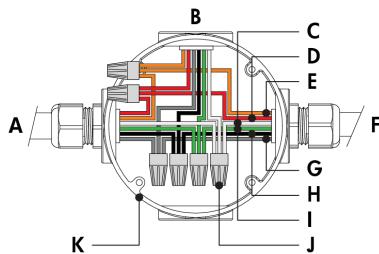
**F** - Power and data output to fixture (wiring by others)

**G** - Junction box (by others)

**H** - Power and data wiring (by others)

**I** - Lumenbeam LBX Pendant

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



**A** - From CBX or previous fixture

**B** - To fixture

**C** - Neutral

**D** - Data +

**E** - Data -

**F** - To next fixture

**G** - Signal common

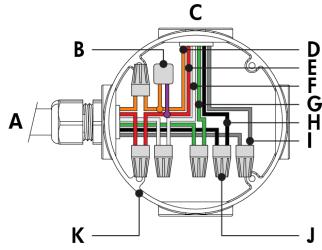
**H** - Line

**I** - Ground

**J** - Wire-nut (by others)

**K** - Junction box (by others)

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



**A** - From CBX or previous fixture

**B** - Lumenterminator

**C** - To fixture

**D** - Data -

**E** - Data +

**F** - Neutral

**G** - Ground

**H** - Line

**I** - Signal common

**J** - Wire-nut (by others)

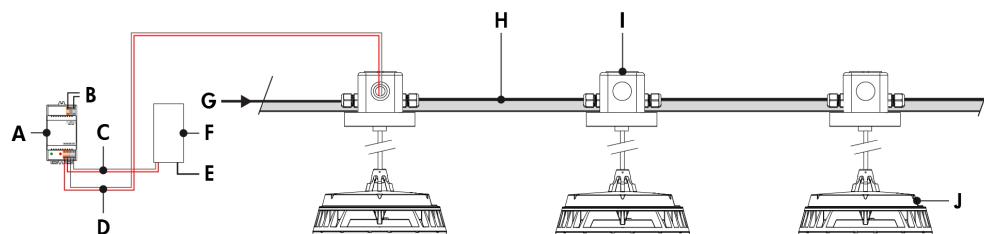
**K** - Junction box (by others)

## Maximum Fixture Count Per Run

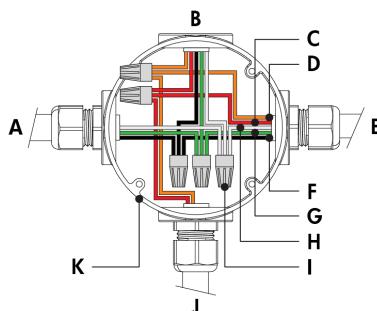
Configuration/Voltage	120V	208V	240V	277V
<b>LBXP RO</b>	8	12	14	16
<b>LBXP HO</b>	5	9	10	11

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 Pendant

**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	Mounting Type	Mounting Length (3)	Optical Option (4) (6)	Finish
<b>LBXP RO</b> Lumenbeam™ XLarge, Regular Output, 140W	<b>120</b> 120 Volts	<b>DWW</b> Dynamic Warm White (2200K to 3000K)	<b>XN</b> Extra Narrow 5° (1)	<b>XN</b> Extra Narrow 5° (1)	<b>XN</b> Extra Narrow 5° (1)	<b>SCAN</b> Straight Stem Canopy	<b>48</b> 48 in	<b>LSLH</b> Linear Spread Lens Horizontal Distribution (5)	<b>BK</b> Black Sandtex®
<b>LBXP HO</b> Lumenbeam™ XLarge, High Output, 205W	<b>100</b> 100 Volts	<b>DWH</b> Dynamic White (2700K to 6500K)	<b>VN</b> Very Narrow 6° (1)	<b>VN</b> Very Narrow 6° (1)	<b>VN</b> Very Narrow 6° (1)	<b>ACAN</b> Adjustable Sloped Ceiling Canopy	<b>24</b> 24 in	<b>LSLV</b> Linear Spread Lens Vertical Distribution (5)	<b>BRZ</b> Bronze Sandtex®
	<b>208</b> 208 Volts		<b>NS</b> Narrow Spot 10° (1)	<b>NS</b> Narrow Spot 10° (1)	<b>NS</b> Narrow Spot 10° (1)		<b>12</b> 12 in		<b>SI</b> Silver Sandtex®
	<b>220</b> 220 Volts		<b>NF</b> Narrow Flood 20° (1)	<b>NF</b> Narrow Flood 20° (1)	<b>NF</b> Narrow Flood 20° (1)		<b>36</b> 36 in		<b>WH</b> Smooth White
	<b>240</b> 240 Volts		<b>M</b> Medium 30°(1)	<b>M</b> Medium 30°(1)	<b>M</b> Medium 30°(1)				<b>BKTX</b> Textured Black
	<b>277</b> 277 Volts		<b>FL</b> Flood 40° (1)	<b>FL</b> Flood 40° (1)	<b>FL</b> Flood 40° (1)				<b>BRZTX</b> Textured Bronze Non-Metallic
			<b>WFL</b> Wide Flood 60° (1) (2)	<b>WFL</b> Wide Flood 60° (1) (2)	<b>WFL</b> Wide Flood 60° (1) (2)				<b>GRATX</b> Textured Medium Gray
			<b>VWFL</b> Very Wide Flood 90° (1) (2)	<b>VWFL</b> Very Wide Flood 90° (1) (2)	<b>VWFL</b> Very Wide Flood 90° (1) (2)				<b>GRNTX</b> Textured Green
			<b>NAS</b> Narrow Asymmetric (1)	<b>NAS</b> Narrow Asymmetric (1)	<b>NAS</b> Narrow Asymmetric (1)				<b>WHTX</b> Textured White
			<b>WW</b> Asymmetric Wallwash (1)	<b>WW</b> Asymmetric Wallwash (1)	<b>WW</b> Asymmetric Wallwash (1)				<b>CC</b> Custom Color & Finish (7) (8) (9)

## Notes:

1. Factory installed, not interchangeable on site.

2. Cannot be combined with other optics.

3. Consult factory for custom stem lengths.

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.

**How to Order**

Control	Option	Certification	Cable Color	Buy American Act
<b>LT</b> Lumentalk <sup>(10)</sup> <sup>(11)</sup>				
<b>DIM/DTW</b> Dim to Warm via 0-10V (2700K to 2200K) <sup>(12)</sup>	<b>CRC</b> Corrosion-Resistant Coating <sup>(15)</sup> <sup>(16)</sup>	<b>UL</b> UL Compliant	<b>BK</b> Black	<b>BAA</b> Buy American <sup>(18)</sup> <sup>(19)</sup>
<b>DMX/RDM</b> Dim to Warm via Single-Channel DMX/RDM (2700K to 2200K) <sup>(12)</sup> <sup>(13)</sup>		<b>CE</b> CE Compliant	<b>WH</b> White <sup>(18)</sup>	
<b>DMX/RDM</b> 3-Channel Color Temperature Control via DMX/RDM <sup>(13)</sup>		<b>CEII</b> CE Compliant Class II Double Insulated <sup>(17)</sup>		
<b>DALI<sup>18</sup></b> DALI 2 T8 Enabled Dimming 0.1% <sup>(14)</sup>				

**Notes:**

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. DALI 2 T8 controller required, provided by others. DALI2 T8 control uses a single DALI short address.
15. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
16. Setup charges apply. Consult factory for details.
17. Consult European specification sheets and installation instructions for CE and CE Class II wiring information.
18. Not available with CE or CEII certification options.
19. Contact your Lumenpulse Sales Representative for more information on order volume details.