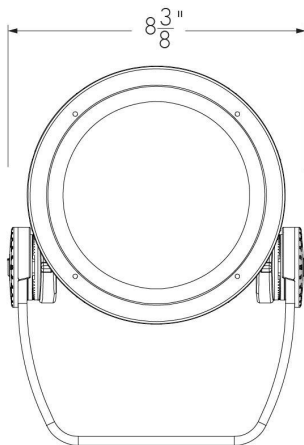
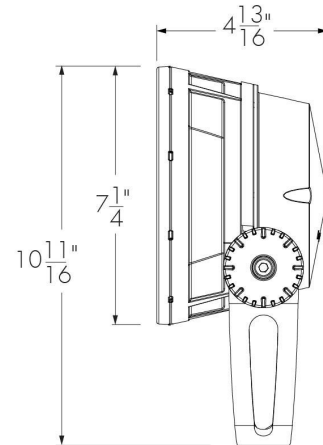


Project Name \_\_\_\_\_ Qty \_\_\_\_\_

Type \_\_\_\_\_ Catalog / Part Number \_\_\_\_\_



Front view



Side view

**Photometric Summary (Discrete)**

**Symmetric**

	Delivered output (lm)	Intensity (peak cd)
<b>VN (6°)</b>	1,572	76,932
<b>NS (10°)</b>	1,533	54,810
<b>NF (20°)</b>	1,411	11,384
<b>M (30°)</b>	1,356	6,270
<b>FL (40°)</b>	1,294	3,500
<b>WFL (60°)</b>	1,142	892

**Asymmetric**

<b>NAS</b>	1,442	23,041 (@2.5°)
<b>WW</b>	1,290	5,877 (@5°)

Based on RGBW40K full output, DMX/RDM configuration. Photometric performance is measured in compliance with IESNA LM-79-08.

**Photometric Summary (Opticolor™)**

**Symmetric**

	Delivered output (lm)	Intensity (peak cd)
<b>NS (10°)</b>	1,058	15,076
<b>NF (20°)</b>	1,046	7,471
<b>M (30°)</b>	1,045	4,443
<b>FL (40°)</b>	1,037	2,514
<b>WFL (60°)</b>	1,019	943

Based on MRGBW40K full output, DMX/RDM configuration. Photometric performance is measured in compliance with IESNA LM-79-08.

**Description**

The Lumenbeam Medium Colour Changing is an IP66-rated luminaire for lighting landscapes, trees, columns, monuments, and architectural details. The system offers numerous options including optics for flood or accent lighting, a choice of colour mixing, as well as various accessories, spread lenses, and controls. The luminaire also has an anti-corrosion option for use in harsh, chemical, or coastal environments.

**Features**

**Colors and Color Temperature (Discrete)** RGB, RGB + White 3000K, RGB + White 4000K, RGB + Amber

**Colors and Color Temperature (Opticolor™)** MRGBW30K and MRGBW40K can be configured to MRGB via RDM (consult factory for more details)  
Opticolor Cluster with MRGBW (Red, Green, Blue, White 3000K)  
Opticolor Cluster with MRGBW (Red, Green, Blue, White 4000K)  
Opticolor Cluster with MRGBA (Red, Green, Blue, Amber)

**Optics (Nominal Distribution)** VN (6°), NS (10°), NF (20°), M (30°), FL (40°), WFL (60°), NAS (Narrow Asymmetric), WW (Asymmetric Wallwash)

**Optical Option** Linear Spread Lens Horizontal Distribution, Linear Spread Lens Vertical Distribution

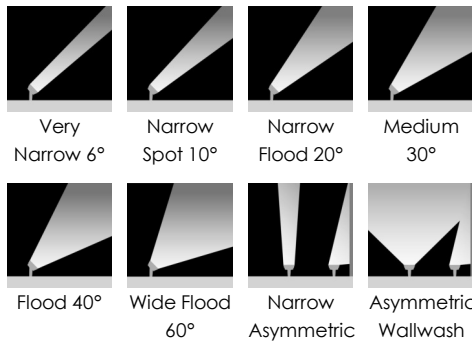
**Option** Short Yoke  
3G ANSI C136.31-2010 Vibration Rating for Bridge Applications  
Corrosion-resistant Coating for Hostile Environments

**Cable Color** Black, White

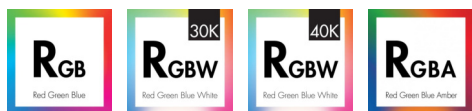
**Power Consumption** 28 W

**Warranty** 5-year limited warranty

**Optic**



**Color and Color Temperature**



**Control**

DMX/RDM DALI 2 T8

**Ratings**

IP66 IK09

**Certifications**



**Performance**

<b>Maximum Delivered Output (Discrete)</b>	1,598 lm (RGB full output, VN 6°, DMX/RDM) 1,540 lm (RGBW30K full output, VN 6°, DMX/RDM) 1,572 lm (RGBW40K full output, VN 6°, DMX/RDM) 1,284 lm (RGBA full output, VN 6°, DMX/RDM)
<b>Maximum Delivered Output (Opticolor™)</b>	1,037 lm (MRGBW30K full output, NS 10°, DMX/RDM) 1,058 lm (MRGBW40K full output, NS 10°, DMX/RDM) 931 lm (MRGBA full output, NS 10°, DMX/RDM)
<b>Maximum Delivered Intensity (Discrete)</b>	76,667 cd at nadir (RGB full output, VN 6°, DMX/RDM) 75,393 cd at nadir (RGBW30K full output, VN 6°, DMX/RDM) 76,932 cd at nadir (RGBW40K full output, VN 6°, DMX/RDM) 62,853 cd at nadir (RGBA full output, VN 6°, DMX/RDM)
<b>Maximum Delivered Intensity (Opticolor™)</b>	14,774 cd at nadir (MRGBW30K full output, NS 10°, DMX/RDM) 15,076 cd at nadir (MRGBW40K full output, NS 10°, DMX/RDM) 13,267 cd at nadir (MRGBA full output, NS 10°, DMX/RDM)
<b>Illuminance at Distance (Discrete)</b>	Minimum 1 fc at 276 ft (RGBW30K full output, VN 6°, DMX/RDM) Minimum 1 fc at 279 ft (RGBW40K full output, VN 6°, DMX/RDM) Minimum 1 fc at 252 ft (RGBA full output, VN 6°, DMX/RDM)
<b>Illuminance at Distance (Opticolor™)</b>	Minimum 1 fc at 122 ft (MRGBW30K full output, NS 10°, DMX/RDM) Minimum 1 fc at 123 ft (MRGBW40K full output, NS 10°, DMX/RDM) Minimum 1 fc at 115 ft (MRGBA full output, NS 10°, DMX/RDM)
<b>Lumen Maintenance</b>	L70 120,000 hrs (Ta 25 °C)
<b>Physical</b>	
<b>Housing Material</b>	Low copper content high pressure die-cast aluminum
<b>Yoke Material</b>	Heavy aluminum (standard yoke included)
<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>	6.7 lbs
<b>EPA</b>	Front = 0.44 sq ft, Side = 0.18 sq ft
<b>Electrical and Control</b>	
<b>Voltage</b>	100 to 277 volts
<b>Fixture Cable</b>	Power and data in one cable
<b>Conductors</b>	6C #14-3/ #24-3 (DMX/RDM control), 5C #16-5 (DALI2 control)
<b>Control</b>	DMX/RDM enabled, DALI 2 T8 Control, Lumentalk system is enabled with LDB accessory - see typical wiring diagrams for details
<b>Resolution (DMX/RDM)</b>	Per fixture, 8-bit or 16-bit, 3 channels (RGB) or 4 channels (RGBW30K, RGBW40K, RGBA, MRGBW30K, MRGBW40K, and MRGBA)

<b>RGB Color Mixing</b>	18 LEDs (6x Red, 6x Green, 6x Blue)
<b>RGBW30K Color Mixing</b>	16 LEDs (4x Red, 4x Green, 4x Blue, 4x White 3000K)
<b>RGBW40K Color Mixing</b>	16 LEDs (4x Red, 4x Green, 4x Blue, 4x White 4000K)
<b>RGBA Color Mixing</b>	16 LEDs (4x Red, 4x Green, 4x Blue, 4x Amber)
<b>MRGBW30K Color Mixing</b>	28 LEDs in 7 clusters (1x Red, 1x Green, 1x Blue, 1x White 3000K per cluster)
<b>MRGBW40K Color Mixing</b>	28 LEDs in 7 clusters (1x Red, 1x Green, 1x Blue, 1x White 4000K per cluster)
<b>MRGBA Color Mixing</b>	28 LEDs in 7 clusters (1x Red, 1x Green, 1x Blue, 1x Amber per cluster)

**Environmental**

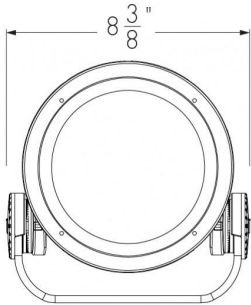
<b>Storage Temperature</b>	-40 °F to 158 °F (device must reach start-up temperature value before operating)
<b>Start-up Temperature</b>	-13 °F to 122 °F
<b>Operating Temperature</b>	-40 °F to 122 °F
<b>Ingress Protection Rating</b>	IP66 Wet location rated
<b>Impact Resistance Rating</b>	IK09
<b>Application Wind Speed</b>	Luminaires were designed based on AASHTO 2013 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

**Accessories (Order Separately)**

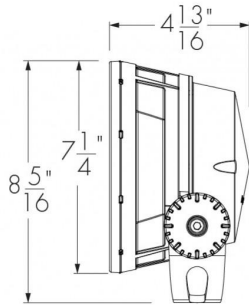
<b>Optical Accessories</b>	Lumenbeam Medium Snoot, Lumenbeam Medium Snoot wide, Lumenbeam Medium Visor, Lumenbeam Medium Linear spread lens adjustable, Lumenbeam Medium Wire guard
<b>Control Boxes</b>	DMX/RDM enabled (daisy chain or star configuration), Ethernet enabled (daisy chain or star configuration), Lumentalk Data Bridge
<b>Control Systems</b>	Lumentone™ 2 (LTN2), Pharos® kit (PHAROS)
<b>Diagnostic and Addressing Tools</b>	LumenID (LID), LumentalkID (LIDLt)

**Mounting Options**

**SY - Short Yoke**



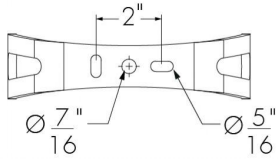
Front view



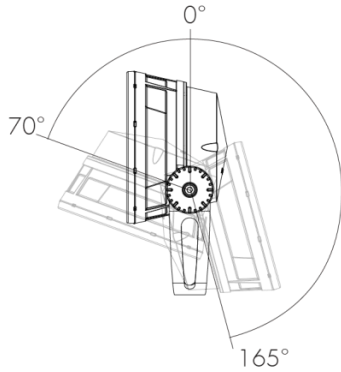
Side view

**Mounting Details**

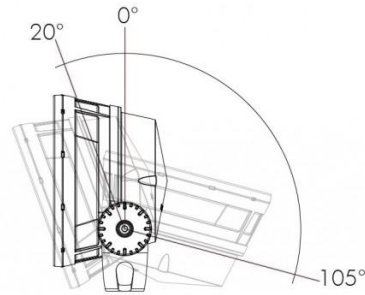
**Mounting Hole Pattern - Standard And Short Yoke**



**Adjustable Pivot Limits**



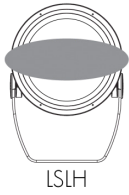
Standard yoke



Short yoke

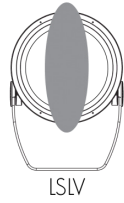
**Optical Options – Discrete**

**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
<b>VN</b>	7° x 60°
<b>NS</b>	13° x 66°
<b>NF</b>	16° x 62°
<b>M</b>	23° x 65°
<b>FL</b>	33° x 70°

LLF: 0.88\*

\*LLF may vary slightly by distribution chosen.

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

**Optical Options - Opticolor™**

**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
<b>NS</b>	13° x 60°
<b>NF</b>	19° x 66°
<b>M</b>	23° x 55°
<b>FL</b>	32° x 60°

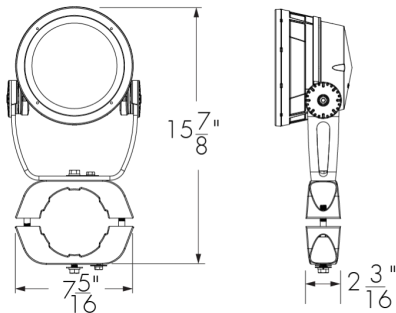
LLF: 0.88\*

\*LLF may vary slightly by distribution chosen.

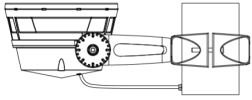
Factory installed, not adjustable on site. See 'Optical Accessories' section for field adjustable spread lens (LSLA).

**Mounting Accessories (Order Separately)**

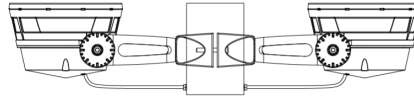
**Round Pole Mounting Accessory**



PM4 model shown. Consult factory for square pole section.



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

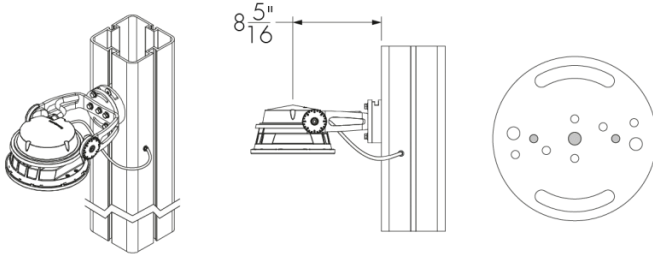


**PM4-2, PM4.5-2, PM5-2** - Round pole mounting accessory - twin fixtures  
\*One bracket assembly is supplied per 2 fixtures unless otherwise specified.

	PM4	PM4.5	PM5
For pole Ø	$4" \pm \frac{1}{16}$	$4.5" \pm \frac{1}{16}$	$5" \pm \frac{1}{16}$

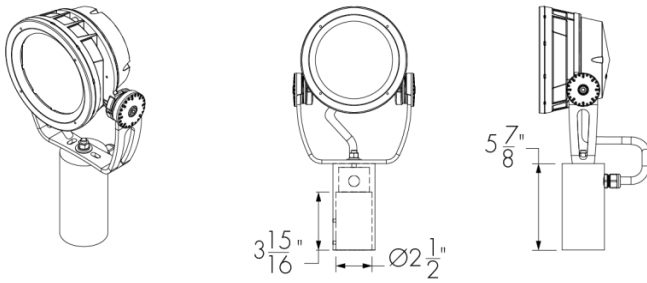
Consult factory for other pole diameters.

### PLTU - Universal Yoke



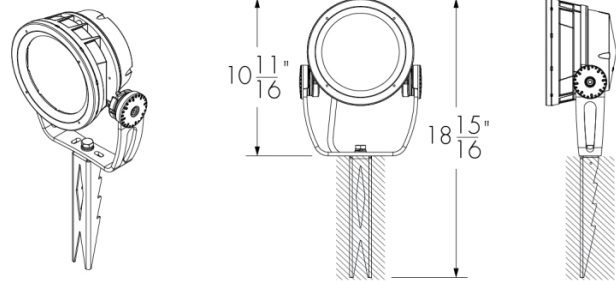
Refer to the Universal Yoke specification sheet and Pole installation instructions for more details. Square Lumentech profile shown. The mounting holes used for this fixture are shown in gray.

### Tenon Adapter



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

### SK - Stake Mounting

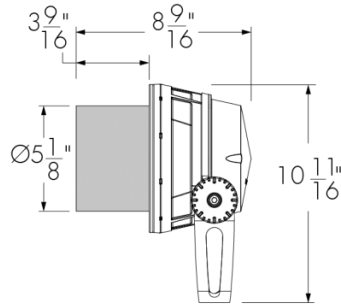
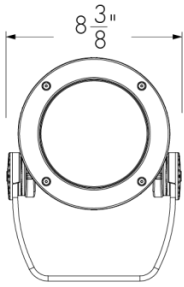


**TN4** - Tenon adapter to fit on 4 in O.D. tenon  
Vertical mounting only. Consult factory for horizontal mounting.

**Optical Accessories (Order Separately)**

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

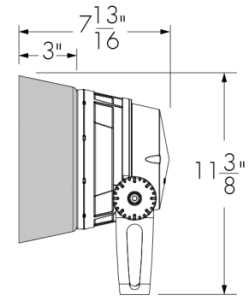
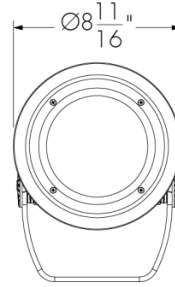
**SN - Snoot**



**LBMSN-FINISH-BK-OPTIONS (CRC)**

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

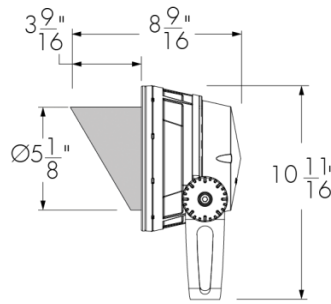
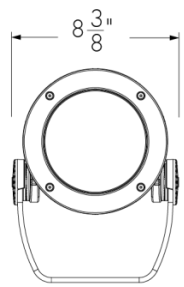
**SNW - Snoot Wide**



**LBMSNW-FINISH-BK-OPTIONS (CRC)**

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

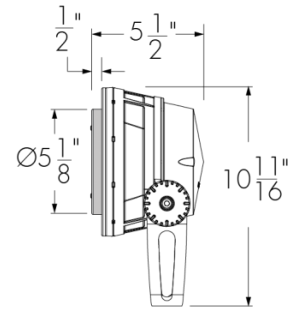
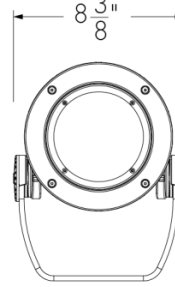
**VS - Visor**



**LBMVS-FINISH-BK-OPTIONS (CRC)**

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

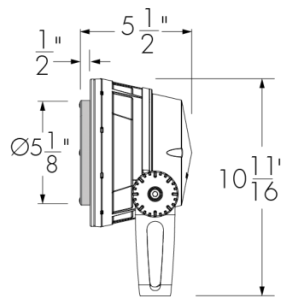
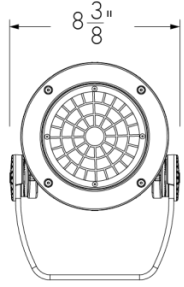
**LSLA - Linear Spread Lens Adjustable**



**LBMLSLA-FINISH-OPTIONS (CRC)**

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

**WG - Wire Guard**



**LBMWG-FINISH-OPTIONS (CRC)**

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

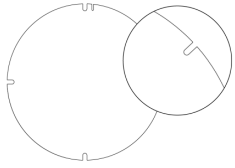
**Accessory Combinations**

+	Snoot	Snoot wide	Visor
<b>Linear spread lens adjustable</b>	LBMSNLSLA	N/A*	LBMVLSLA
<b>Wire guard</b>	LBMSN WG	N/A	LBMVSWG

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

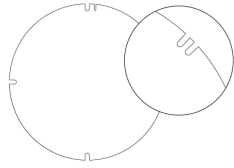
**Diffuser Lenses (Intended for Mockup Purposes Only, Order Separately)**

Diffuser Lens 1 (1 Notch)



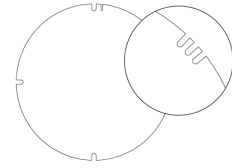
147671

Diffuser Lens 2 (2 Notches)



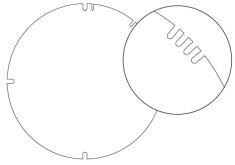
147672

Diffuser Lens 3 (3 Notches)



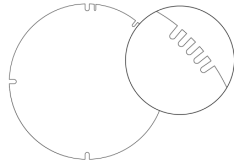
147673

Diffuser Lens 4 (4 Notches)



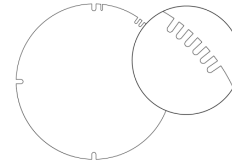
147674

Diffuser Lens 5 (5 Notches)



147675

Diffuser Lens 6 (6 Notches)



147676

**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
XN (4°/5°)	VN	NS				
VN (6°)	NS		NF	M	FL	WFL
NS (10°)						
NF (20°)						
M (30°)				FL	WFL	
FL (40°)						
WFL (60°)						

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**: LBMLS LA-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.

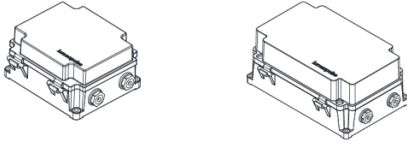
Refer to the Diffuser Lens Installation Instructions on the Lumenpulse website for information on installing the diffuser lenses.



## Control Boxes (Order Separately)

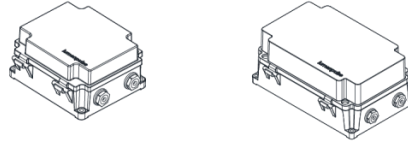
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### CBX-DMX/RDM - DMX/RDM Enabled (Daisy Chain or Star Configuration)



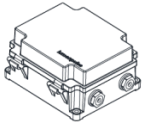
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for daisy chain configuration, 6x for star configuration), consult factory to order spares.

### 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.

### LDB - Lumentalk Data Bridge



Lumentalk Data Bridge, 0-10V or DMX output. Consult LDB specification sheet for details.

## Control Systems (Order Separately)

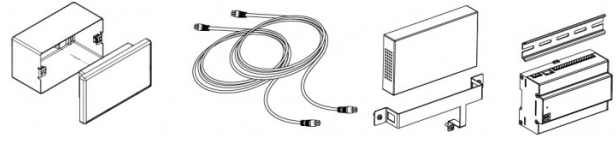
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### LTN2 - Lumentone™ 2



Lumentone 2 is a simple pre-programmed DMX 512 controller with a push button rotary dial and live feedback.

### PHAROS - Pharos® Kit



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

## Diagnostic And Addressing Tools (Order Separately)

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### LID - LumenID







LumenID is a diagnostic and addressing DMX/RDM tool. It must be specified on all DMX applications. Consult LID specification sheet for details.

### LID-LT - LumentalkID



LumentalkID is a diagnostic and addressing tool. It must be specified for all Lumentalk (LT) applications. Consult LID-LT specification sheet for details.

**EPA Guide**

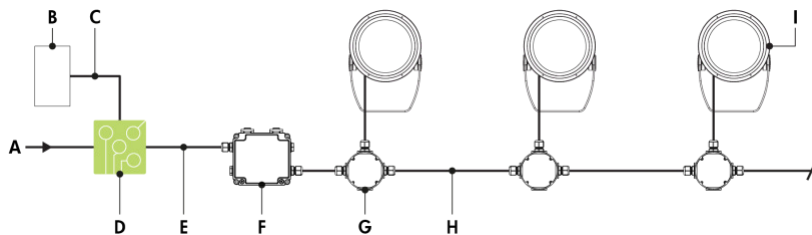
	<b>LBM</b> 	<b>LBM with snoot</b> 	<b>LBM with visor</b> 	<b>LBM with snoot wide</b> 
<b>EPA front (sq ft)</b>	0.437	0.437	0.437	0.578
<b>EPA side (sq ft)</b>	0.178	0.317	0.317	0.301

**Typical Wiring Diagrams**

**Wiring Color Code**

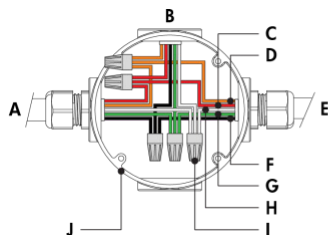
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -
Gray	Signal common (DMX/RDM only)

**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** - Lumentalk Data Bridge (LDB-DMX)
- G** - Junction box (by others)
- H** - Power and data wiring (by others)
- I** - Lumenbeam Medium

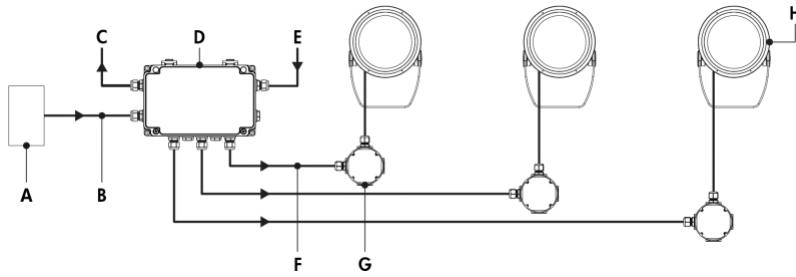
**Lumentalk (LT) - Wiring Detail Using LDB**



- A** - From Lumentalk Data Bridge (control over power line via Lumentalk system) or from previous fixture
- B** - To fixture
- C** - 0-10 V + / Data +
- D** - 0-10 V - / Data -
- E** - To next fixture
- F** - Line
- G** - Ground
- H** - Line/Neutral
- I** - Wire-nut (by others)
- J** - Junction box (by others)

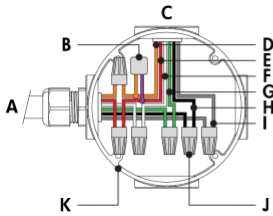
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for Lumentalk system, see LDB installation instructions for details. Fixtures must be specified as DMX/RDM and the Lumentalk Data Bridge must be specified as DMX. 2-step commissioning process: 1 - DMX/RDM system using LumenID software and a LID, 2 - Lumentalk system using LumentalkID software and a LID-LT. Consult factory for details.
- Maximum of 32 fixtures per LDB-DMX. Consult factory for details.
- 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.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- 28 watts per fixture.

## Star Layout (DMX/RDM)



- 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 Medium

## Star Layout (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)

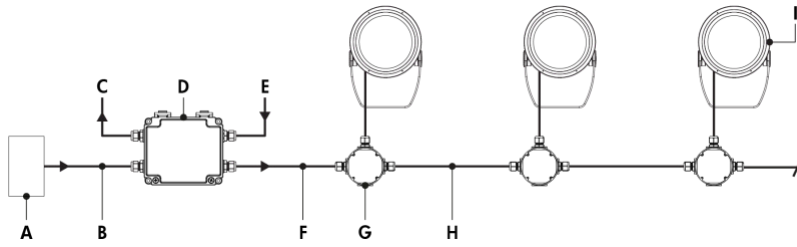
## Maximum Fixture Count Per Run

Configuration/Voltage	120V	208V	240V	277V
<b>LBM</b>	29	32	32	32

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

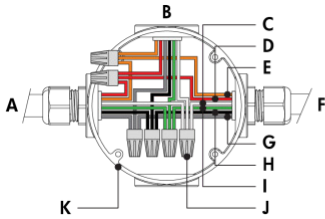
- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 6 outputs per CBX-ST.
- RGB color mixture option requires 3 DMX addresses. RGBW30K and RGBW40K color mixture options require 4 DMX addresses. RGBA color mixture option requires 4 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.
- 28 watts per fixture.

## Daisy Chain Layout (DMX/RDM)



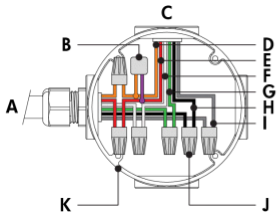
- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-DS
- E** - Power input (100-277V AC, wiring by others)
- F** - Power and data output to fixture (wiring by others)
- G** - Junction box (by others)
- H** - Power and data wiring (by others)
- I** - Lumenbeam Medium

## Daisy Chain Layout (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/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)

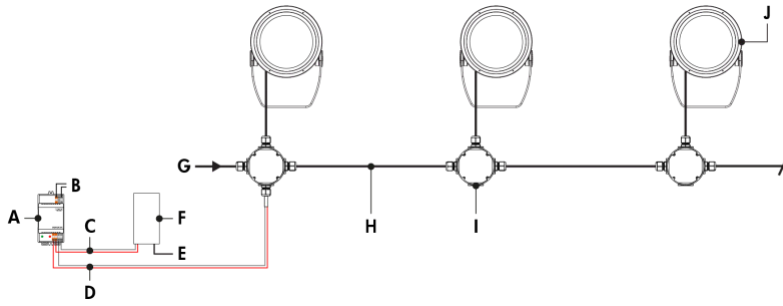
## Maximum Fixture Count Per Run

Configuration/Voltage	120V	208V	240V	277V
<b>LBM</b>	29	32	32	32

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

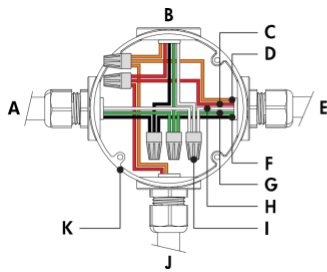
- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading 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.
- RGB color mixture option requires 3 DMX addresses. RGBW30K and RGBW40K color mixture options require 4 DMX addresses. RGBA color mixture option requires 4 DMX addresses.
- 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.
- 28 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 Medium

## 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.
- 28 watts per fixture.

**How to Order**

Housing	Voltage	Color and Color Temperature	Optic	Optical Option (7) (9)	Finish	Control (13) (16)	Option	Certification	Cable Length (15) (21)	Cable Color	Buy American Act
LBM Lumenbeam™ Medium	<b>100</b> 100 volts	<b>RGB</b> RGB	<b>VN</b> Very Narrow 6° (5) (6)	<b>LSLH</b> Linear Spread Lens Horizontal Distribution (8)	<b>BK</b> Black Sandtex®	<b>DMX/RDM</b> DMX/RDM Enabled (14) (15)	<b>SY</b> Short Yoke	<b>UL</b> UL Compliant	<b>3FT</b> 3 ft (15) (21)	<b>BK</b> Black	<b>BAA</b> Buy American (22) (23)
	<b>120</b> 120 volts	<b>RGBW30K</b> RGB + White 3000K (1)	<b>NS</b> Narrow Spot 10° (5)	<b>LSLV</b> Linear Spread Lens Vertical Distribution (8)	<b>BRZ</b> Bronze Sandtex®	<b>DALIT8</b> DALI 2 T8 Control (17)	<b>3GV</b> 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications	<b>CE</b> CE Compliant (20)	<b>10FT</b> 10 ft	<b>WH</b> White (22)	
	<b>208</b> 208 volts	<b>RGBW40K</b> RGB + White 4000K (1)	<b>NF</b> Narrow Flood 20° (5)		<b>SI</b> Silver Sandtex®			<b>CEII</b> CE compliant Class II double insulated (20)	<b>20FT</b> 20 ft		
	<b>220</b> 220 volts	<b>RGBA</b> RGB + Amber	<b>M</b> Medium 30° (5)		<b>WH</b> Smooth White				<b>30FT</b> 30 ft		
	<b>240</b> 240 volts	<b>MRGBW30K</b> Opticolor with MRGBW 3000K (2) (3) (4)	<b>FL</b> Flood 40° (5)		<b>BKTX</b> Textured Black			<b>CRC</b> Corrosion-resistant coating (18) (19)	<b>50FT</b> 50 ft		
	<b>277</b> 277 volts	<b>MRGBW40K</b> Opticolor with MRGBW 4000K (2) (3) (4)	<b>WFL</b> Wide Flood 60° (5)		<b>BRZTX</b> Textured Bronze Non-Metallic				<b>70FT</b> 70 ft		
		<b>MRGBW40K</b> Opticolor with MRGBW 4000K (2) (3) (4)	<b>NAS</b> Narrow Asymmetric (5) (6)		<b>GRATX</b> Textured Medium Gray				<b>100FT</b> 100 ft		
	<b>MRGBA</b> Opticolor with MRGBW Amber (2) (3)	<b>WW</b> Asymmetric Wallwash (5) (6)		<b>GRNTX</b> Textured Green							
					<b>WHTX</b> Textured White						
					<b>CC</b> Custom Color & Finish (10) (11) (12)						

**Notes:**

- 2700K, 3500K and Royal Blue available, consult factory. Longer lead times apply.
- Not available for VN, NAS and WW optics.
- Consult factory for the availability of more color and CCT options.
- MRGBW30K and MRGBW40K can be configured to MRGB via RDM, consult factory for more details.
- Factory installed, not interchangeable on site.
- Not available with MRGBW30K, MRGBW40K and MRGBW Opticolor options.
- Optical options are factory installed and cannot be changed in the field.
- Field adjustable spread lens optical accessory available, order separately.
- Not available with M, WFL, NAS and WW optics.
- 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.
- Setup charges apply for RAL colors. Consult factory for details.
- Longer lead times can be expected for custom RAL color finishes.
- Lumentalk system is enabled with LDB-DMX accessory, DMX/RDM must be specified in the order code. See the typical wiring diagrams in the specification sheet for details.
- A control box (CBX) and LumenID (LID) must be specified.
- Maximum of 3 ft cable length for daisy chain DMX applications with CBX-DS.
- A Lumentranslator 2 (LTL2) and LumentalkID (LIDL) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
- DALI 2 T8 controller required, provided by others. DALI2 T8 control uses a single DALI short address.
- Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
- Setup charges apply. Consult factory for details.
- Consult European specification sheets and installation instructions for CE and CE Class II wiring information.
- 3 ft cable length is standard unless otherwise specified.
- Not available with CE or CEII certification options.
- Contact your Lumenpulse Sales Representative for more information on order volume details.