Project Name _____ **Qty** _____

Type _____ **Catalog / Part Number** _____

5 3/8"

Front View

4 3/8" 5 3/8" 8 3/8"
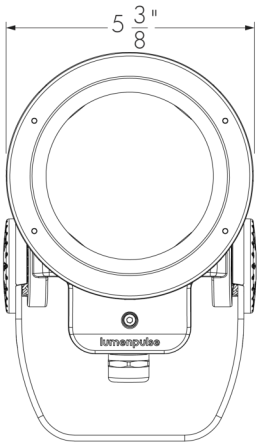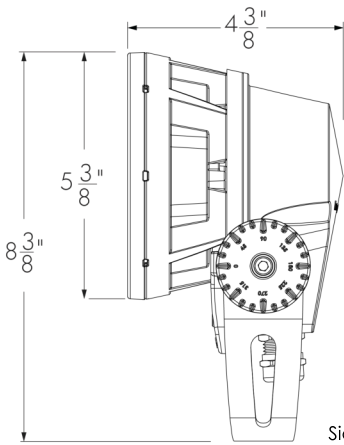
Side View

Photometric Summary

Symmetric

	Delivered output (lm)	Intensity (peak cd)
XN (3°)	1,342	186,978
VN (6°)	906	47,949
NS (10°)	1,419	20,764
NF (20°)	1,238	12,472
M (30°)	1,297	7,185
FL (40°)	1,163	2,960
WFL (60°)	977	762

Asymmetric

	Delivered output (lm)	Intensity (peak cd)
NAS	947	14,011 (@2.5°)
WW	1,106	3,013(@5°)

[1.] Based on 4000K.

[2.] Photometric performance is measured in compliance with IESNA LM-79-24.

[3.] Refer to the Lumenbeam White and Static Colors Photometric Guide on Lumenpulse website for information on other color temperatures.

Description

The Lumenbeam Small is a compact, IP66-rated luminaire for lighting landscapes, trees, columns, monuments, and architectural details. It has numerous options, including optics for flood or accent lighting, a choice of color temperatures and colors, 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

Color and Color Temperature	**22K:** 2200K, **27K:** 2700K, **30K:** 3000K, **35K:** 3500K, **40K:** 4000K, **57K:** 5700K, **RD:** Red, **GR:** Green, **BL:** Blue
Optics (Nominal Distribution)	**XN:** XN (3°), **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
Mounting Option	**SK:** Stake Mounting, **KN:** Knuckle Mounting, **CN:** Canopy Mounting Option (for Mounting on a Standard Round Junction Box)
Option	**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	14 W
Warranty	5-year limited warranty

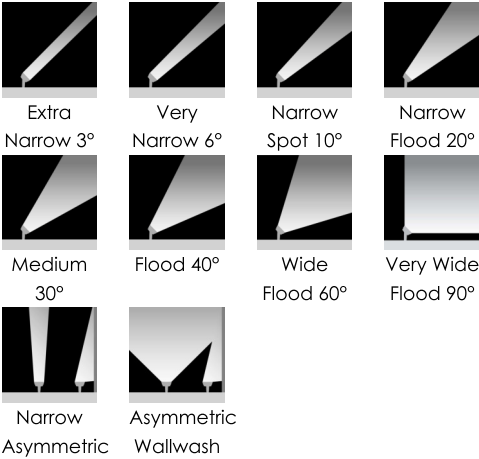## Performance

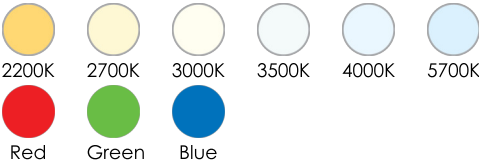|	
Maximum Delivered Output	1,419 lm (4000K, NS 10°)
Maximum Delivered Intensity	186,978 cd at nadir (4000K, XN 3°)
Illuminance at Distance	Minimum 1 fc at 434 ft (4000K, XN 3°)

Optic

Extra Narrow 3°	Very Narrow 6°	Narrow Spot 10°	Narrow Flood 20°
Medium 30°	Flood 40°	Wide Flood 60°	Very Wide Flood 90°
Narrow Asymmetric	Asymmetric Wallwash		

Color and Color Temperature

2200K	2700K	3000K	3500K	4000K	5700K

Red	Green	Blue

Control

ON/OFF 0-10V DALI DMX/RDM

Ratings

IP66   IK07

Certifications

c(UL)us CE IP buyamerica-n ✓RoHS

5 YEARS lumenpulse   3G VIBRATION RATING

Color Consistency	3 SDCM
Color Rendering	Minimum CRI 80
Lumen Maintenance	L70 > 250,000 hrs (Ta 25 °C) (> 80,000 hrs for XN 3°, VN 6°, NAS optics only)

Physical

Housing Material	Low copper content high pressure die-cast aluminum
Yoke Material	Heavy aluminum
Lens Material	Clear tempered glass
Hardware Material	Stainless steel
Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	5.2 lbs
EPA	Front = 0.19 ft², Side = 0.11 ft²

Electrical and Control

Voltage	100 to 277 volts
Fixture Cable	Power and data in one cable
Conductors	3C #16-3 (NO control) 5C #16-5 (DIM, DALI control) 6C #14-3/ #24-3 (DMX/RDM control)
Control	On/Off Control, 0-10V Dimming, DALI Dimming, DMX/RDM Enabled, Lumentalk system is enabled with LDB accessory - see typical wiring diagrams for details
Resolution (DMX/RDM)	Per fixture, 8-bit or 16-bit

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	IK07
Application Wind Speed	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)

Optical Accessories	Lumenbeam Small Snoot, Lumenbeam Small Visor, Lumenbeam Small Linear Spread Lens Adjustable, Lumenbeam Small Wire Guard, Lumenbeam Small Dome Lens

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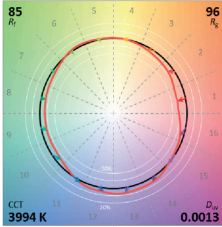|	
Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration), Lumentalk Data Bridge
Control Systems	Pharos® Lighting Control Kit (PHAROS), Pharos® Expert Control Kit (EXPERT)
Diagnostic and Addressing Tools	LumenID (LID)

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.

Chromaticity Data

TM-30 - 4000K

CCT	CIE		TM-30	
4000K	R_a	83	85	R_f
	R_9	14	96	R_g

Spectral Power Distribution
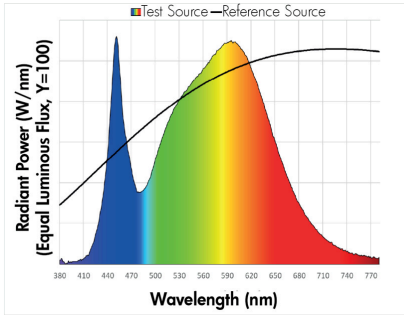
Mounting Options

RY - Rotational Yoke

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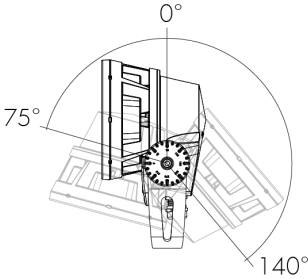2025.04.29 Copyright © 2025 LMPG Inc.
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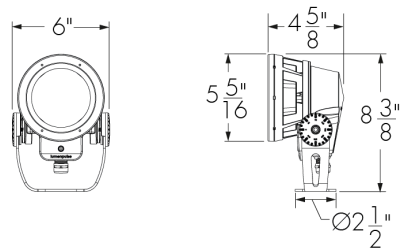
Mounting Details

Mounting Hole Pattern - Standard Yoke
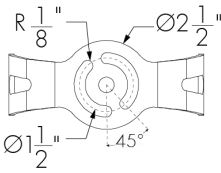

3 bolts are required for wind and vibration resistance, provided by others.

Mounting Hole Pattern - Rotational Yoke

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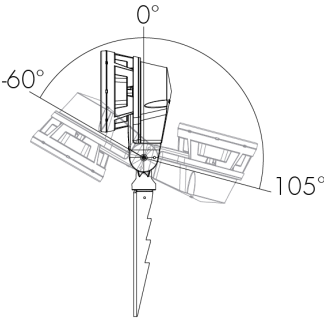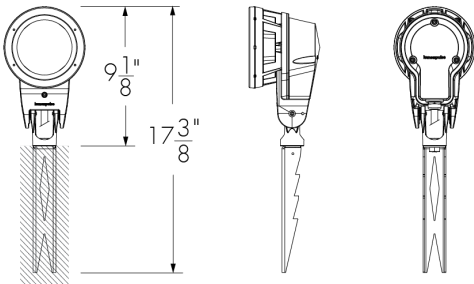
Adjustable Pivot Limits
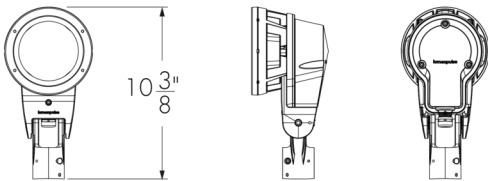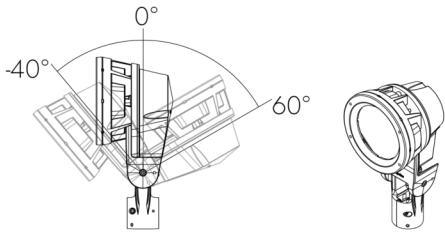

Mounting Options

SK - Stake Mounting

Adjustable Pivot Limits

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KN - Knuckle Mounting

$10\frac{3}{8}$"

Suitable for 1/2 in, 3/4 in, and 1 in pipe diameter

0°
-40°
60°

Adjustable Pivot Limits

CN - Canopy Cover

$10\frac{3}{4}$"
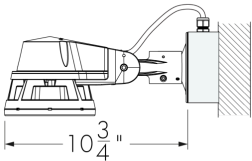
Suitable for standard round junction boxes, surface mounted

$\varnothing\frac{1}{4}$"
$3\frac{1}{2}$"

Mounting Hole Pattern

60°
0°
-40°
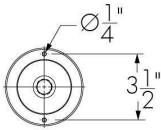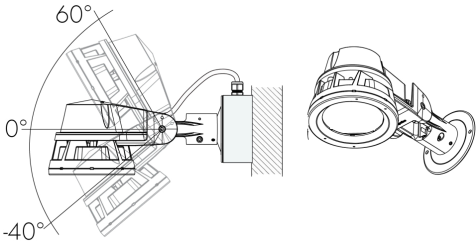
Adjustable Pivot Limits

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
XN	5° x 60°
VN	7° x 60°
NS	13° x 66°
NF	16° x 62°
M	23° x 65°
FL	33° x 70°

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).

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Mounting Accessories (Order Separately)

Round Pole Mounting Accessory
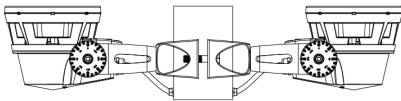

$13\frac{5}{8}$"

$5\frac{1}{8}$"

$7\frac{1}{4}$"

$2\frac{1}{8}$"
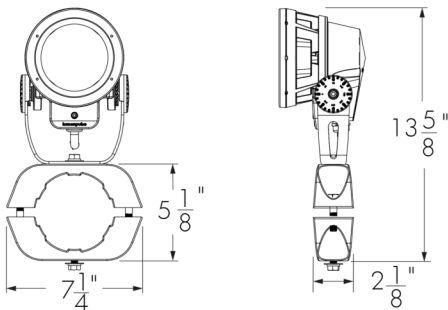
PM4 model shown.
Consult factory for square pole section.
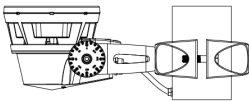
PM4-1, PM4.5-1, PM5-1 - Round Pole Mounting Accessory - Single Fixture
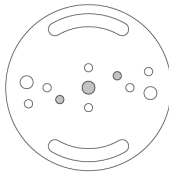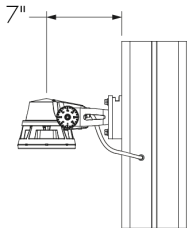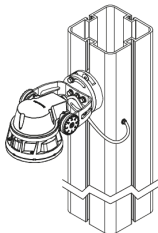

PM4-2, PM4.5-2, PM5-2 - Round Pole Mounting Accessory - Twin Fixtures
*One bracket assembly is supplied per 2 fixtures unless otherwise specified.

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

Consult factory for other pole diameters.

PLTU - Universal Yoke

7"

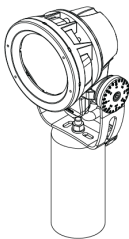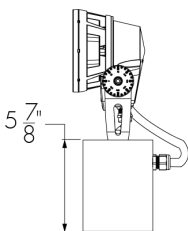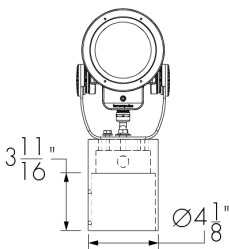Refer to the Universal Yoke specification sheet and Pole installation instructions for more details. Square Lumentech profile shown.

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

Tenon Adapter

$3\frac{15}{16}$"

$\varnothing 2\frac{1}{2}$"

$5\frac{7}{8}$"
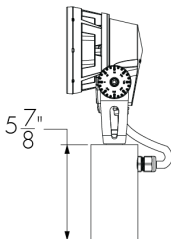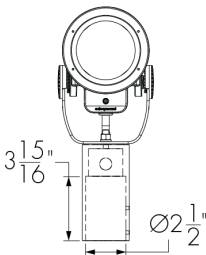
TN2 - Tenon Adapter to Fit on 2 3/8 in O.D. Tenon

Vertical mounting only. Consult factory for horizontal mounting.

$3\frac{11}{16}$"

$\varnothing 4\frac{1}{8}$"

$5\frac{7}{8}$"
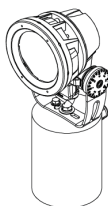
TN4 - Tenon Adpater to Fit on 4 in O.D. Tenon

Vertical mounting only. Consult factory for horizontal mounting.

Optical Accessories (Order Separately)

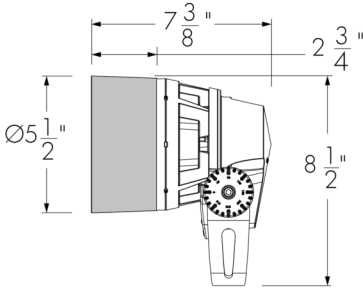Installed optical accessories will affect the maximum pivot limits for each mounting option, consult factory for details.
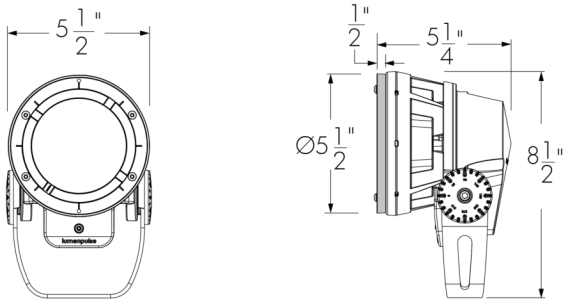
SN - Snoot

LBSSN-**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

LBSVS-**FINISH**-BK-**OPTIONS** (CRC)
Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.
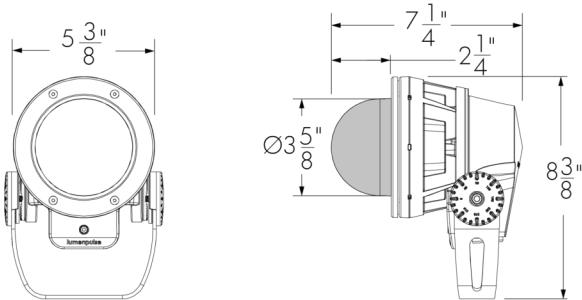
LSLA - Linear Spread Lens Adjustable

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

WG - Wire Guard

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

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

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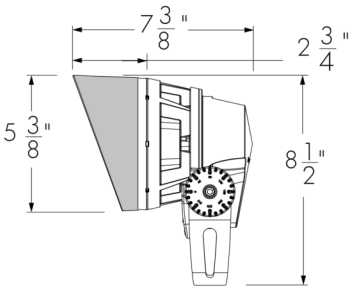
LBSDM-**FINISH**-**OPTIONS** (CRC)
Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

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.

Dome - Standard Yoke - Pivot limits

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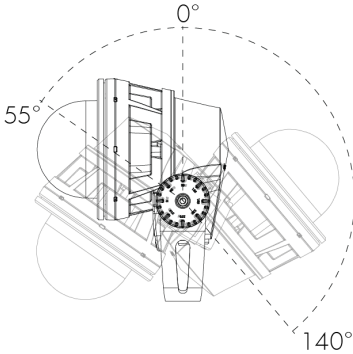
Accessory Combinations

+	Snoot	Visor
Linear spread lens adjustable	LBSSNLSLA	LBSVSLSLA
Wire guard	LBSSNWG	LBSVSWG

Accessory combinations must be ordered together on a single line. A maximum of two accessories can be combined per fixture. Ex: A snoot + wire guard combination order code is LBSSNWG-**FINISH**-BK-**OPTIONS**.

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

Diffuser Lens 1 (1 Notch)
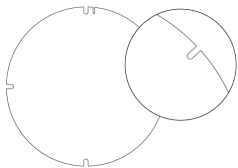
147665

Diffuser Lens 2 (2 Notches)
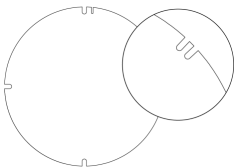
147666

Diffuser Lens 3 (3 Notches)
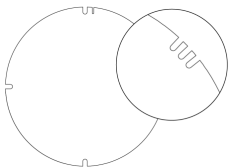
147667

Diffuser Lens 4 (4 Notches)
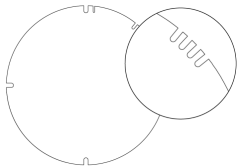
147668

Diffuser Lens 5 (5 Notches)
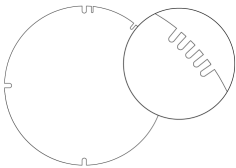
147669

Diffuser Lens 6 (6 Notches)
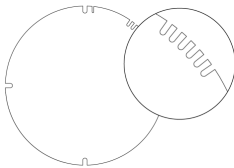
147670

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	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:** 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.

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Control Boxes (Order Separately)

CBX-DMX/RDM - DMX/RDM Enabled (Daisy Chain or Star Configuration)
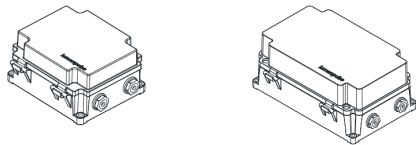
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for Daisy Chain configuration, 6x for Star configuration), consult factory to order spares.
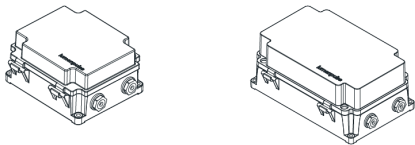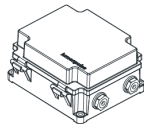
CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)

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.

LDB - Lumentalk Data Bridge

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

Control Systems (Order Separately)

PHAROS - Pharos® Designer Lighting Control Kit
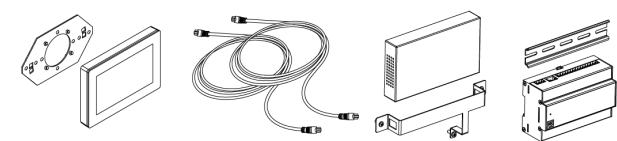
The Pharos Designer Lighting Contol Kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations.

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 now your 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. Consult the LID specification sheet for full details.

EPA Guide

	LBS	LBS with Snoot	LBS with Visor	LBS with Dome Lens
EPA front (sq ft)	0.188	0.188	0.188	0.188
EPA side (sq ft)	0.113	0.186	0.176	0.133

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)

On/Off Control (NO)
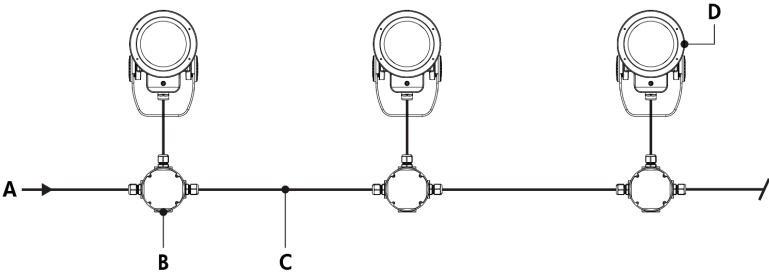
A - Power input (100-277V AC, wiring by others)
B - Junction box (by others)
C - Power wiring (by others)
D - Lumenbeam Small

On/Off Control (NO) - Wiring Detail
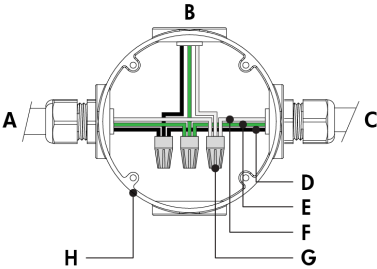
A - Power input or from previous fixture
B - To fixture
C - To next fixture
D - Line
E - Ground
F - Line/Neutral
G - Wire-nut (by others)
H - Junction box (by others)

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 14 watts per fixture.

Lumentalk (LT)

A - Power input (100-277V AC, wiring by others)
B - Dimmer/controller (order separately from Lumenpulse, or by others)
C - Data wiring (by others)
D - Lumentranslator 2 (LTL2-DIM, -DMX, -TRIAC, -DALI)
E - Power wiring (by others)
F - Lumentalk Data Bridge (LDB-DIM or LDB-DMX)
G - Junction box (by others)
H - Power and data wiring (by others)
I - Lumenbeam Small

Lumentalk (LT) - Wiring Detail Using LDB

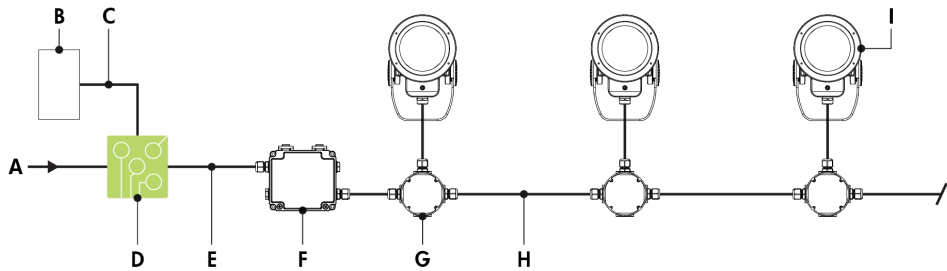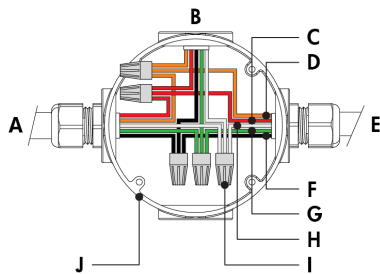**A -** From Lumentalk Data Bridge (control over power line via Lumentalk system) or from previous fixture
B - To fixture
C - 0-10 V + / Data +
D - 0-10 V - / Data -
E - To next fixture
F - Line
G - Ground
H - Line/Neutral
I - Wire-nut (by others)
J - Junction box (by others)

- 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.
- For applications with all fixtures controlled as 1 zone: fixtures and Lumentalk Data Bridge must be specified as DIM. Maximum of 10 fixtures per LDB-DIM, consult factory for applications that require additional capabilities.
- For applications with fixtures controlled individually: fixtures and 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. Maximum of 32 fixtures per LDB-DMX. Consult factory for details.
- For DMX applications: 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- Consult factory for DALI Lumentalk applications.
- 1% minimum dimming value.
- 14 watts per fixture.

0-10V Dimming (DIM)
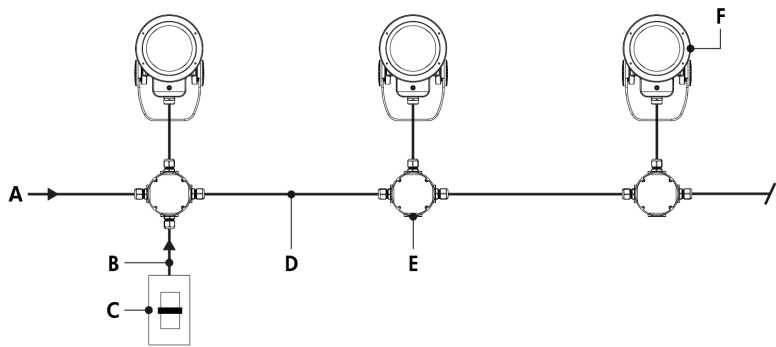
A - Power input (100-277V AC, wiring by others)
B - Data wiring (by others)
C - Dimmer (by others)
D - Power and data wiring (by others)
E - Junction box (by others)
F - Lumenbeam Small

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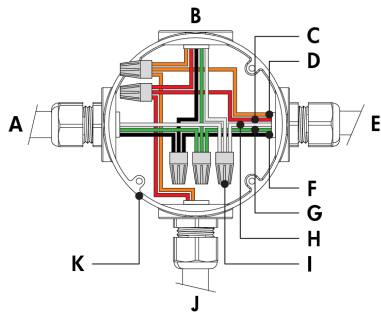
A - Power input or from previous fixture
B - To fixture
C - 0-10 V +
D - 0-10 V -
E - To next fixture
F - Line
G - Ground
H - Neutral
I - Wire-nut (by others)
J - From dimmer (by others)
K - Junction box (by others)

- 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.
- 1% minimum dimming value.
- 14 watts per fixture.

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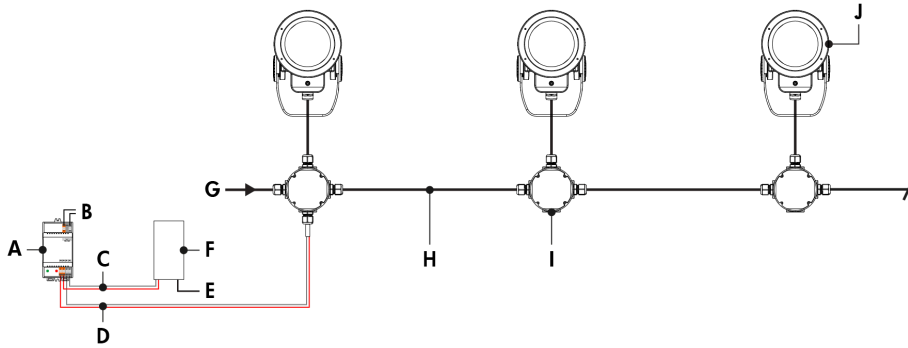
A - DALI bus power supply (by others)
B - Power input for DALI bus power supply (wiring by others)
C - Data output to DALI controller (wiring by others)
D - Data output to fixture (wiring by others)
E - Power input for DALI controller (if required, wiring by others)
F - DALI controller (by others)
G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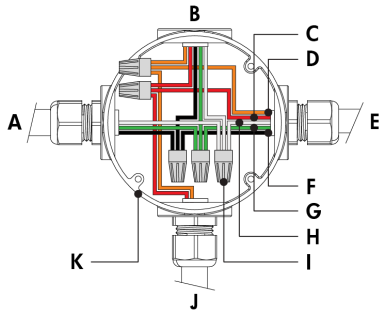**I -** Junction box (by others)
J - Lumenbeam Small

DALI Dimming (DALI) - 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.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.
- 1% minimum dimming value.
- 14 watts per fixture.
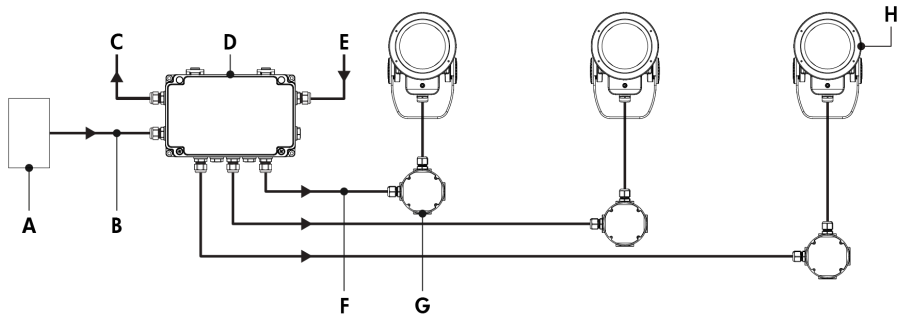
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Star Layout (DMX/RDM)

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 (by others)
G - Junction box (by others)
H - Lumenbeam Small

Star Layout (DMX/RDM) - Wiring Detail
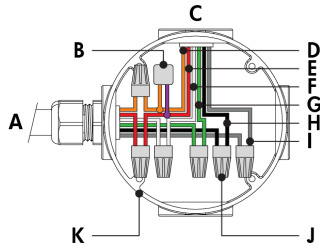
A - From CBX
B - Lumenterminator
C - To fixture
D - Data -
E - Data +
F - Neutral
G - Ground
H - Line
I - Signal common
J - Wire-nut (by others)
K - Junction box (by others)

Maximum Fixture Count Per Run

Configuration/Voltage	120V	208V	240V	277V
LBS	32	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.
- Each fixture requires 1 DMX address.
- 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.
- 1% minimum dimming value.
- 14 watts per fixture.

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JC - R35

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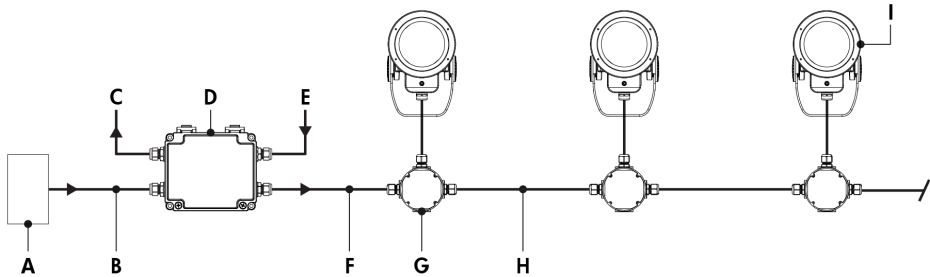
A - DMX/RDM controller (order separately from Lumenpulse, or by others)
B - Data input (Belden 9841 or equivalent, by others)
C - Data output to next CBX (optional, not isolated/not boosted)
D - CBX-DS
E - Power input (100-277V AC, wiring by others)
F - Power and data output to fixture (wiring by others)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

Daisy Chain Layout (DMX/RDM) - Wiring Detail (First or Middle of Run)
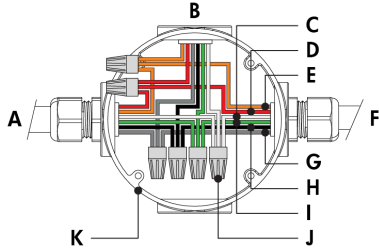
A - From CBX or previous fixture
B - To fixture
C - Neutral
D - Data +
E - Data -
F - To next fixture
G - Signal common
H - Line
I - Ground
J - Wire-nut (by others)
K - Junction box (by others)

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
LBS	32	32	32	32

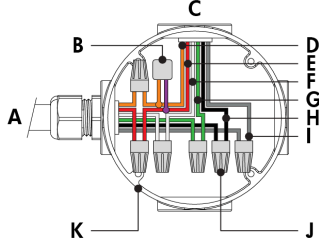Based on 15A maximum, 16AWG cable, fixtures spaced 10 ft on center, first fixture 50 ft from CBX.

• 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.
• Each fixture requires 1 DMX address.
• 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.
• 1% minimum dimming value.
• 14 watts per fixture.

How to Order

Housing	Voltage	Color and Color Temperature (1)	Optic	Optical Option (7) (9)	Finish	Control (13) (14)	Mounting Option (17)	Option	Certification	Cable Length (16) (25)	Cable Color	Buy America.n Act
LBS Lumenbeam™ Small	**100** 100 Volts **120** 120 Volts **208** 208 Volts **220** 220 Volts **240** 240 Volts **277** 277 Volts	**22K** 2200K **27K** 2700K **30K** 3000K **35K** 3500K **40K** 4000K **57K** 5700K **RD** Red (2) (3) **GR** Green (2) (3) **BL** Blue (2) (3)	**XN** Extra Narrow 3° (4) **VN** Very Narrow 6° (4) **NS** Narrow Spot 10° (4) **NF** Narrow Flood 20° (4) **M** Medium 30° (4) **FL** Flood 40° (4) **WFL** Wide Flood 60° (4) (5) **VWFL** Very Wide Flood 90° (4) (6) **NAS** Narrow Asymmetric (4) **WW** Asymmetric Wallwash (4)	**LSLH** Linear Spread Lens Horizontal Distribution (8) **LSLV** Linear Spread Lens Vertical Distribution (8)	**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 (10) (11) (12)	**NO** On/Off Control **DIM** 0-10V Dimming **DALI** DALI Dimming **DMX/RDM** DMX/RDM Enabled Dimming (15) (16)	**SK** Stake Mounting **KN** Knuckle Mounting **CN** Canopy Mounting Option	**RY** Rotational Yoke (18) (19) **3GV** 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications (20) **CRC** Corrosion-Resistant Coating (21) (22)	**UL** UL Compliant **CE** CE Compliant (23) (24) **CEII** CE Compliant Class II Double Insulated (23)	**3FT** 3 ft (16) (25) **10FT** 10 ft **20FT** 20 ft **30FT** 30 ft **50FT** 50 ft **70FT** 70 ft **100FT** 100 ft	**BK** Black **WH** White (26)	**BAA** Buy America.n (26) (27)

Notes:

1. Consult factory for availability of static Royal Blue, Amber, 6500K and 90+ CRI.
2. Static colors made to order 8-10 weeks.
3. Not available for XN optic.
4. Factory installed, not interchangeable on site.
5. A dome lens accessory is available, order separately. For compatibility, a WFL optic must be specified for the fixture.
6. Consult factory for photometric performance.
7. Optical options are factory installed and cannot be changed in the field.
8. Field adjustable spread lens optical accessory available, order separately.
9. Not available with WFL, VWFL, NAS and WW optics.
10. 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.
11. Setup charges apply for RAL colors. Consult factory for details.
12. Longer lead times can be expected for custom RAL color finishes.
13. Lumentalk system is enabled with LDB accessory, DIM or DMX/RDM must be specified in the order code. See the typical wiring diagrams in the specification sheet for details.

14. A Lumentranslator 2 (LTL2) and LumenID (LID) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
15. A control box (CBX) and LumenID (LID) must be specified.
16. Maximum of 3 ft cable length for daisy chain DMX applications with CBX-DS.
17. The standard yoke is provided unless an alternate mounting option is specified as part of the order code.
18. Consult factory for applications with 3GV requirements.
19. The Rotational Yoke cannot be combined with any other mounting option.
20. 3GV option is available for standard yoke mounting only.
21. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
22. Setup charges apply. Consult factory for details.
23. Consult European specification sheets and installation instructions for CE and CE Class II wiring information.
24. Not available with DALI control option.
25. 3 ft cable length is standard unless otherwise specified.
26. Not available with CE or CEII certification options.
27. Contact your Lumenpulse Sales Representative for more information on order volume details.