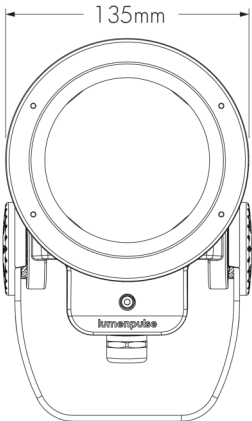


Project Name

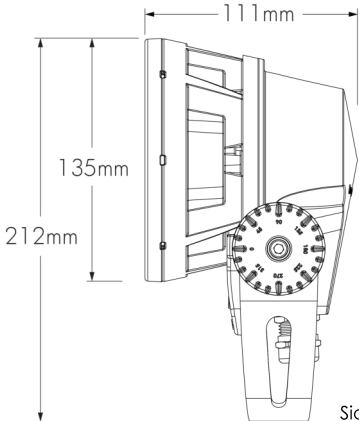
Qty

Type

Catalog / Part Number



Front view



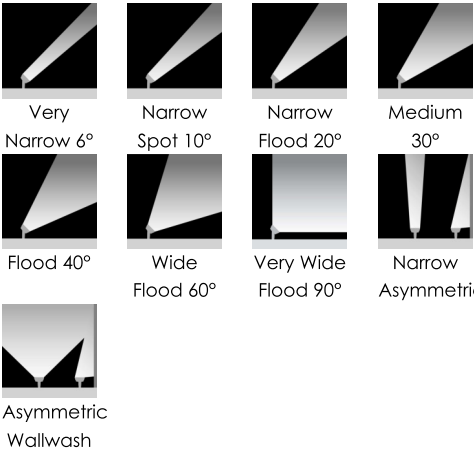
Side view

Photometric Summary

Symmetric		
	Delivered output (lm)	Intensity (peak cd)
VN (6°)	930	44,976
NS (10°)	893	31,178
NF (20°)	817	6,934
M (30°)	784	3,619
FL (40°)	760	2,157
WFL (60°)	619	501
Asymmetric		
NAS	835	13,303 (@2.5°)
WW	765	3,394 (@5°)

Based on DWH full output, DMX/RDM configuration.
Photometric performance is measured externally in compliance with IESNA LM-79-24.
Refer to Photometric Guide on lumenpulse website for information on other color temperatures.

Optic



Description

The Lumenbeam Small Dynamic White is a compact, IP66-rated luminaire for lighting landscapes, trees, columns, monuments, and architectural details with a special feature that enables the selection of any colour temperature from 2200K to 3000K or from 2700K to 6500K. This dynamic feature gives designers and their clients the freedom to alter the ambiance 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: optics for flood or accent lighting, as well as accessories, spread lenses, and controls. The luminaire also has an anti-corrosion option for use in harsh, chemical, or coastal environments.

Features

Colour and Colour Temperature	DWW: Dynamic Warm White (2200K to 3000K), DWH: Dynamic White (2700K to 6500K)
Optics (Nominal Distribution)	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 Colour	Black, White
Power Consumption	14 W (12 W for DTW control option)
Warranty	5-year limited warranty
Performance	
Maximum Delivered Output	720 lm (DWW full output, VN 6°, DMX/RDM) 930 lm (DWH full output, VN 6°, DMX/RDM)
Maximum Delivered Intensity	34,811 cd at nadir (DWW full output, VN 6°, DMX/RDM) 44,976 cd at nadir (DWH full output, VN 6°, DMX/RDM)

Colour and Colour Temperature



Dynamic Warm White (2200K to 3000K)

Dynamic White (2700K to 6500K)

Control

DIM/DTW DMX/RDM1 DMX/RDM DALI T8

Ratings

IP66 IK07

Certifications



Illuminance at Distance	Minimum 1 lx at 187 m (DWW full output, VN 6°, DMX/RDM)
	Minimum 1 lx at 213 m (DWH full output, VN 6°, DMX/RDM)
Lumen Maintenance	L70 B50 120,000 hrs (Ta 25 °C)
	L80 B10 100,000 hrs (Ta 25 °C)

Physical

Housing Material	Low copper content high pressure die-cast aluminium
Yoke Material	Heavy aluminium
Lens Material	Clear tempered glass
Hardware Material	Stainless steel
Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	2.36 kg
EPA	Front = 0.02 m², Side = 0.01 m²

Electrical and Control

Voltage	100 to 277 volts
Fixture Cable	Power and data in one cable
Conductors	5C: 5 x 1,5 mm² (DIM/DTW, DALIT8 control) 6C: 3 x 1,5 mm²/ 3 x 0,20 mm² (DMX/RDM1, DMX/RDM control)
Inrush Current (Peak)	55A @230VAC
Control	Dim to Warm via 1-10V (2700K to 2200K), Dim to Warm via Single-Channel DMX/RDM (2700K to 2200K), DMX/RDM Enabled 3-Channel Colour Temperature Control, DALI 2 T8 Control, Lumentalk system is enabled with LDB accessory - see typical wiring diagrams for details
Resolution (DMX/RDM)	Per fixture, 8-bit or 16-bit
Dynamic Warm Colour Temperature Mixing	9 LEDs (3x 2200K, 3x 2700K, 3x 3000K)
Dynamic White Colour Temperature Mixing	9 LEDs (3x 2700K, 3x 4000K, 3x 6500K)

Environmental

Storage Temperature	-40 °C to 70 °C (device must reach start-up temperature value before operating)
Start-up Temperature	-25 °C to 50 °C
Operating Temperature	-40 °C to 50 °C
Ingress Protection Rating	IP66
Impact Resistance Rating	IK07

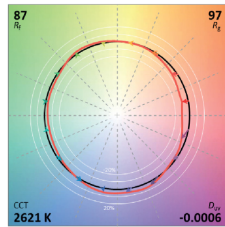
Accessories (Order Separately)

Optical Accessories	Lumenbeam Small Snoot, Lumenbeam Small Visor, Lumenbeam Small Linear Spread Lens Adjustable, Lumenbeam Small Wire Guard, Lumenbeam Small Dome Lens
Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration), Lumentalk Data Bridge
Control Systems	Lumenscene™ (LSC), Pharos® Lighting Control Kit (PHAROS)

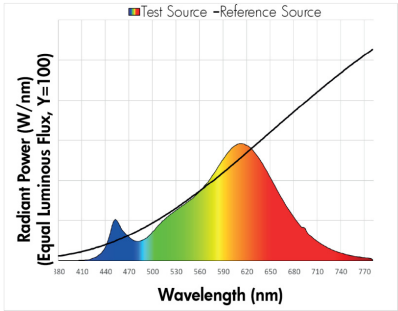
Chromaticity Data

TM-30 - DWW

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

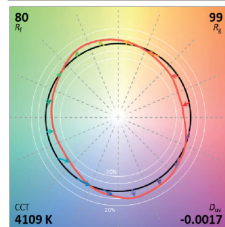


DWW Spectral Power Distribution

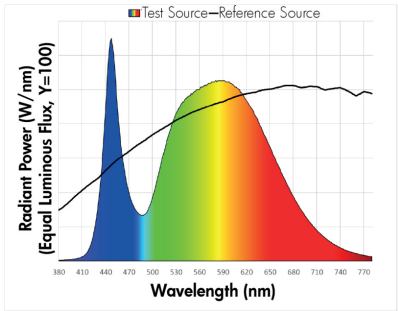


TM-30 - DWH

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

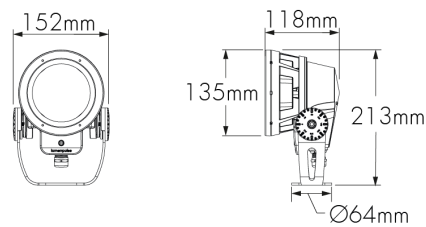


DWH Spectral Power Distribution



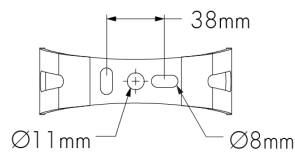
Mounting Options

RY - Rotational Yoke



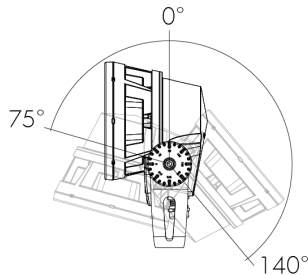
Mounting Details

Mounting Hole Pattern - Standard Yoke

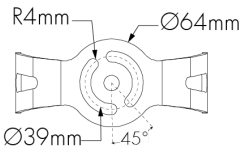


3 bolts are required for wind and vibration resistance, provided by others.

Adjustable Pivot Limits



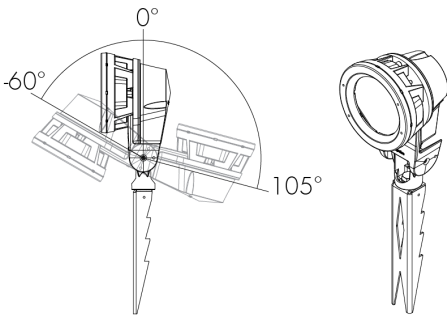
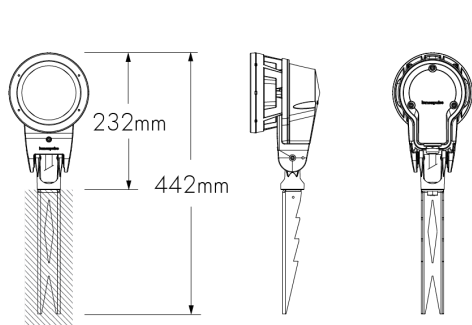
Mounting Hole Pattern - Rotational Yoke



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

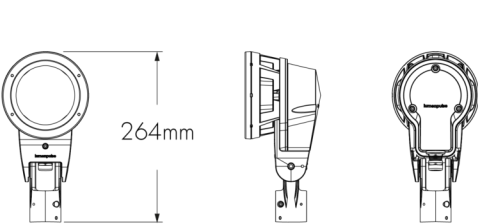
Mounting Options

SK - Stake Mounting

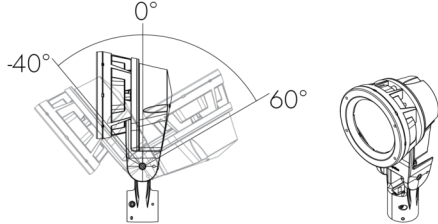


Adjustable Pivot Limits

KN - Knuckle Mounting

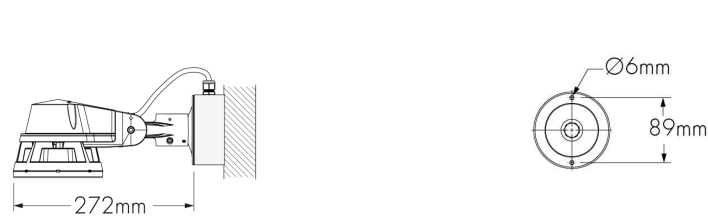


Suitable for 13 mm, 19 mm, and 25 mm pipe diameter



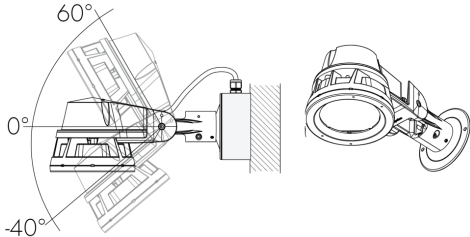
Adjustable Pivot Limits

CN - Canopy Cover



Suitable for standard round junction boxes, surface mounted

Mounting Hole Pattern



Adjustable Pivot Limits

Optical Options

LSLH - Linear Spread Lens Horizontal Distribution



LSLV - Linear Spread Lens Vertical Distribution



Beam Angles

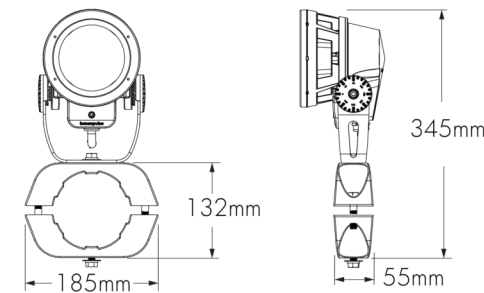
Optic installed in fixture	Beam angle with LSLH/LSLV
VN	7° x 60°
NS	13° x 66°
NF	16° x 62°
M	23° x 65°
FL	33° x 70°

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

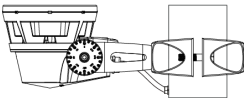
Factory installed, not adjustable on site. Not available for WFL, VWFL, NAS and WW optics.
See 'Optical Accessories' section for field adjustable spread lens (LSLA).

Mounting Accessories (Order Separately)

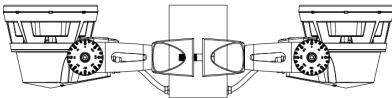
Round Pole Mounting Accessory



PM4 model shown.
Consult factory for square pole section.



PM4-1, PM4.5-1, PM5-1 - Round Pole Mounting Accessory - Single Fixture

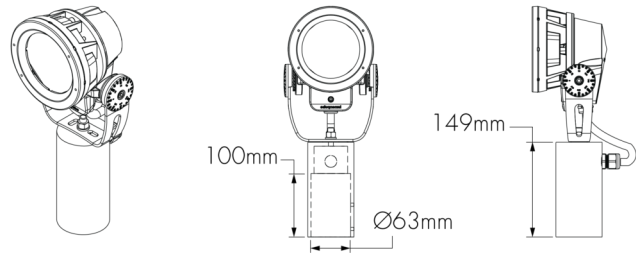


PM4-2, PM4.5-2, PM5-2 - Round Pole Mounting Accessory - Twin Fixtures
*One bracket assembly is supplied per 2 fixtures unless otherwise specified.

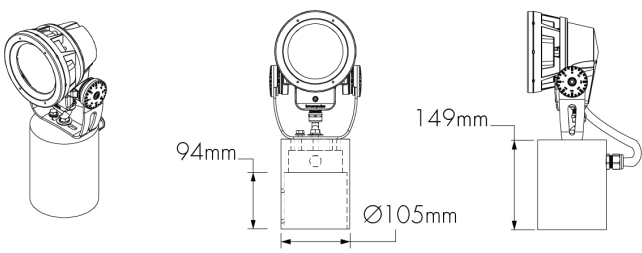
	PM4	PM4.5	PM5
For pole Ø	101.6mm ± 1.6mm	114.3mm ± 1.6mm	127mm ± 1.6mm

Consult factory for other pole diameters.

Tenon Adapter



TN2 - Tenon Adapter to Fit on 60 mm O.D. Tenon
Vertical mounting only. Consult factory for horizontal mounting.



TN4 - Tenon Adapter to Fit on 102 mm 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 - Standard Yoke - Pivot limits

Dome Lens is available with WFL Optic only. The WFL optic must be specified for the fixture.

Dome Lens cannot be combined with other optical accessories.

Dome Lens will affect beam distribution. Consult factory for application support and photometric performance.

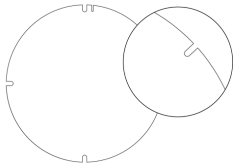
Accessory Combinations

	+	Snoot	Visor
Linear spread lens adjustable		LBSSNLSLA	LBSVLSLA
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.

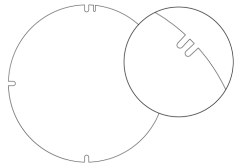
Diffuser Lenses (Intended for Mockup Purposes Only, Order Separately)

Diffuser Lens 1 (1 Notch)



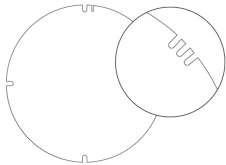
147665

Diffuser Lens 2 (2 Notches)



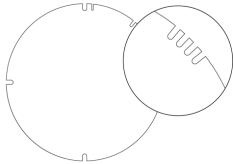
147666

Diffuser Lens 3 (3 Notches)



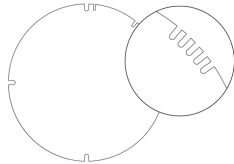
147667

Diffuser Lens 4 (4 Notches)



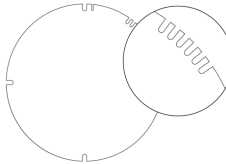
147668

Diffuser Lens 5 (5 Notches)



147669

Diffuser Lens 6 (6 Notches)



147670

Final Distribution Using Diffuser Lenses

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

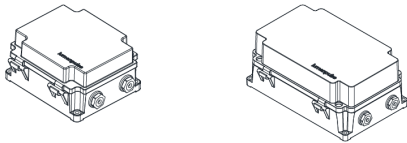
Choose a diffuser lens based on the desired final beam distribution. Refer to the 6-digit part numbers above to order diffuser lenses individually. To order a complete set of 6 diffuser lenses in a bag, refer to the following item names: **LBS**: LBALK-S **LBM/LBMP**: LBALK-M **LBL/LBLP**: LBALK-L **LBG/LBGP**: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

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

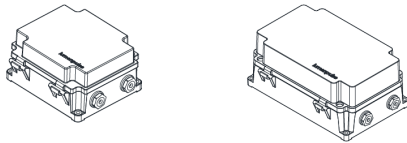
Control Boxes (Order Separately)

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



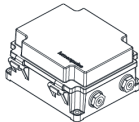
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumeterminators provided with CBX (2x for daisy chain configuration, 6x for star configuration), consult factory to order spares.

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.

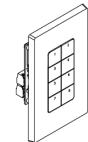
LDB - Lumentalk Data Bridge



Lumentalk Data Bridge, 1-10V or DMX output. Consult LDB specification sheet for details.

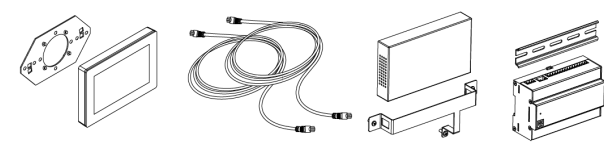
Control Systems (Order Separately)

Lumenscene



The Lumenscene, a user-friendly DMX/RDM lighting controller that includes eight preconfigured scene changes and can be programmed via RDM.

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)

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.

EPA Guide

	LBS	LBS with Snoot	LBS with Visor	LBS with Dome Lens
EPA front (m²)	0.017	0.017	0.017	0.017
EPA side (m²)	0.010	0.017	0.016	0.004

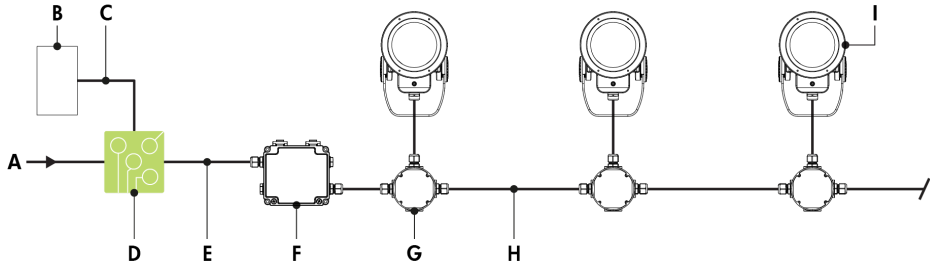
Typical Wiring Diagrams

Wiring Colour Code

CE Colour Code	USE
Yellow/Green	Ground
Brown	Line
Blue	Line/Neutral
Black or Purple	1-10V / Data +
Grey or Orange	1-10V / Data -
Grey	Signal common (DMX/RDM only)

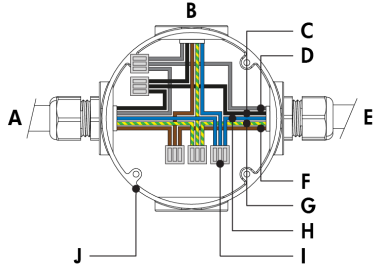
CE Class II Colour Code		USE
All other controls	DMX/RDM	
Brown	Brown	Line
Blue	Blue	Line/Neutral
Black 1	Grey	Signal common (DMX/RDM only)
Black 2	Black or Purple	1-10V / Data +
Grey	Grey or Orange	1-10V / Data -
N/A	Yellow/Green	Ground (do not connect)

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 Small

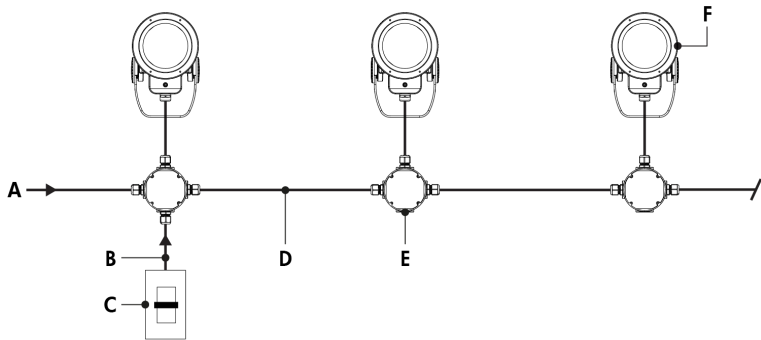
Lumentalk (LT) - Wiring Detail Using LDB



- A - From Lumentalk Data Bridge (control over power line via Lumentalk system) or from previous fixture
- B - To fixture
- C - 1-10 V + / Data +
- D - 1-10 V - / Data -
- E - To next fixture
- F - Line
- G - Ground
- H - Line/Neutral
- I - Terminal connector (by others)
- J - Junction box (by others)

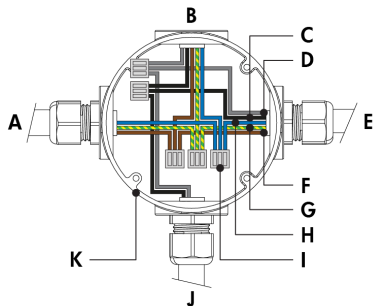
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for Lumentalk system, see LDB installation instructions for details. Fixtures must be specified as DMX/RDM and the Lumentalk Data Bridge must be specified as DMX. 2-step 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 colours 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.
- 14 watts per fixture (RGBW), 16 watts per fixture (MRGBW30K, MRGBW40K, MRGBA).

Dim to Warm Via 1-10V (DIM/DTW*)
*Available For DWW Version Only, 2700K To 2200K



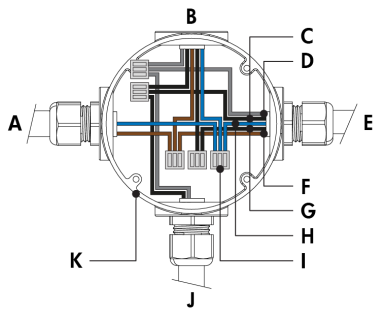
- A - Power input (100-277V AC, wiring by others)
- B - Data wiring (by others)
- C - Dimmer (by others)
- D - Power and data wiring (by others)
- E - Junction box (by others)
- F - Lumenbeam Small

Dim To Warm Via 1-10V (DIM/DTW) - Wiring Detail - CE



- A - Power input or from previous fixture
- B - To fixture
- C - 1-10 V +
- D - 1-10 V -
- E - To next fixture
- F - Line
- G - Ground
- H - Neutral
- I - Terminal connector (by others)
- J - From dimmer (by others)
- K - Junction box (by others)

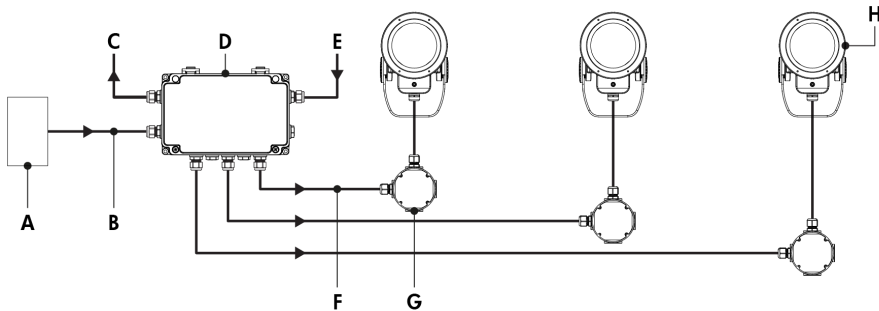
Dim To Warm Via 1-10V (DIM/DTW) - Wiring Detail - CE Class II



- A - Power input or from previous fixture
- B - To fixture
- C - 1-10 V + (black 2)
- D - 1-10 V -
- E - To next fixture
- F - Line
- G - Signal common (black 1)
- H - Neutral
- I - Terminal connector (by others)
- J - From dimmer (by others)
- K - Junction box (by others)

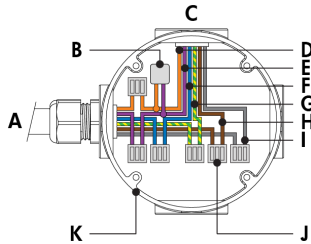
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 1-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 12 watts per fixture.

Star Layout (Dim to Warm Via DMX/RDM1* or 3-Channel DMX/RDM)
*Available For DWW Version Only, 2700K To 2200K



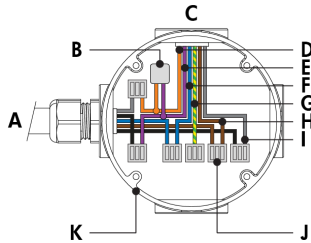
- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-ST
- E** - Power input (100-277V AC, wiring by others)
- F** - Power and data output to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

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



- A** - From CBX
- B** - Lumenterminator
- C** - To fixture
- D** - Data -
- E** - Data +
- F** - Neutral
- G** - Ground
- H** - Line
- I** - Signal common
- J** - Terminal connector (by others)
- K** - Junction box (by others)

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



- A** - From CBX
- B** - Lumenterminator
- C** - To fixture
- D** - Data -
- E** - Data +
- F** - Neutral
- G** - Ground (do not connect)
- H** - Line
- I** - Signal common
- J** - Terminal connector (by others)
- K** - Junction box (by others)

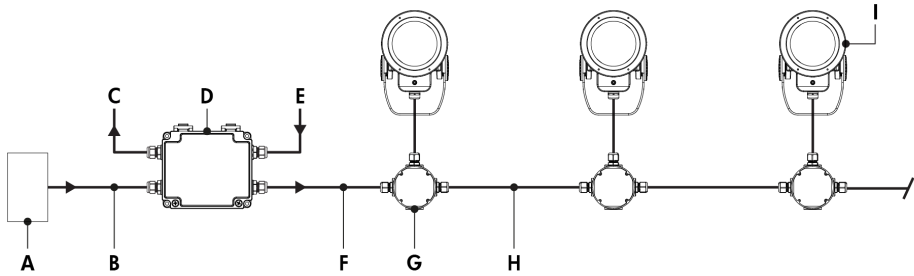
Maximum Fixture Count Per Run

Configuration/Voltage	120V	208V	240V	277V
LBS	32	32	32	32

Based on 16A maximum, 1,5 mm² cable, fixtures spaced 3 m on centre, first fixture 15 m from CBX.

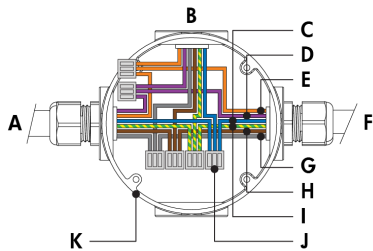
- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Run length calculations are based on a voltage drop of no more than 25V.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled 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.
- 14 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



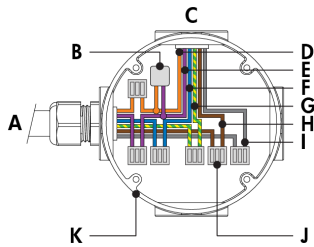
- A - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, not isolated/not boosted)
- D - CBX-DS
- E - Power input (100-277V AC, wiring by others)
- F - Power and data output to fixture (wiring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

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



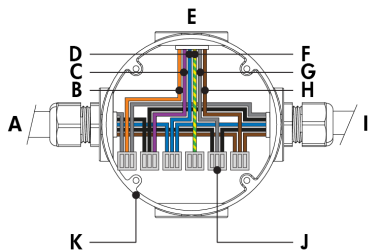
- A - From CBX or previous fixture
- B - To fixture
- C - Neutral
- D - Data +
- E - Data -
- F - To next fixture
- G - Signal common
- H - Line
- I - Ground
- J - Terminal connector (by others)
- K - Junction box (by others)

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



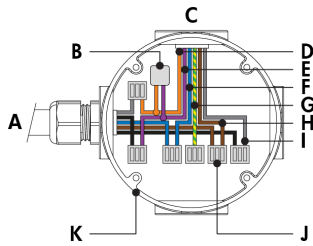
- A - From CBX or previous fixture
- B - Lumenterminator
- C - To fixture
- D - Data -
- E - Data +
- F - Neutral
- G - Ground
- H - Line
- I - Signal common
- J - Terminal connector (by others)
- K - Junction box (by others)

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



- A - From CBX or previous fixture
- B - Data -
- C - Data +
- D - Neutral
- E - To fixture
- F - Ground (do not connect)
- G - Signal common
- H - Line
- I - To next fixture
- J - Terminal connector (by others)
- K - Junction box (by others)

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



- A - From CBX
- B - Lumenterminator
- C - To fixture
- D - Data -
- E - Data +
- F - Neutral
- G - Ground (do not connect)
- H - Line
- I - Signal common
- J - Terminal connector (by others)
- K - Junction box (by others)

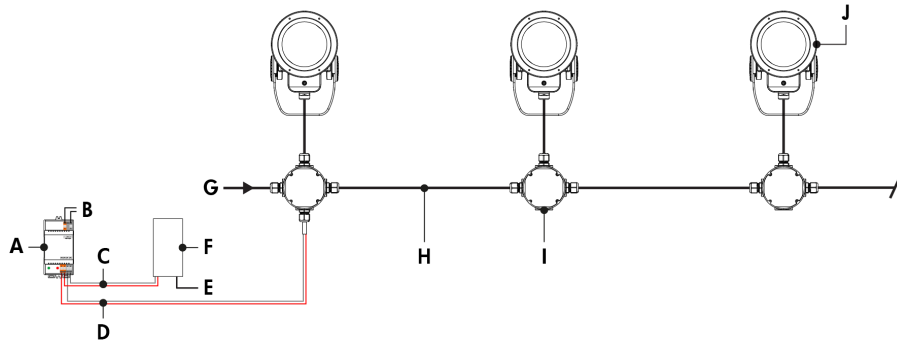
Maximum Fixture Count Per Run

Configuration/Voltage	120V	208V	240V	277V
LBS	32	32	32	32

Based on 16A maximum, 1,5 mm² cable, fixtures spaced 3 m on centre, first fixture 15 m from CBX.

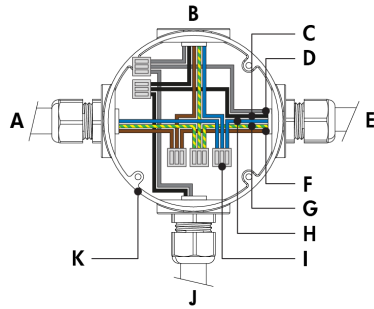
- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Run length calculations are based on a voltage drop of no more than 25V.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 1 output per CBX-DS.
- Maximum of 0.9 m cable length between fixture and next junction box for daisy chain layout.
- 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. Two (2x) DMX lumenterminators included per CBX-DS. See installation instructions for details.
- 14 watts per fixture.

DALI 2 T8 (DALIT8)



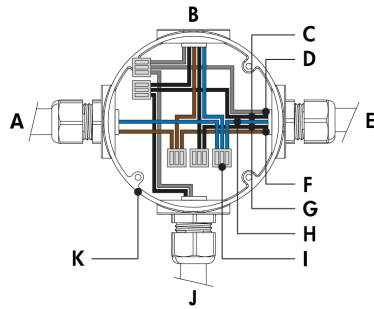
- A** - DALI bus power supply (by others)
- B** - Power input for DALI bus power supply (wiring by others)
- C** - Data output to DALI controller (wiring by others)
- D** - Data output to fixture (wiring by others)
- E** - Power input for DALI controller (if required, wiring by others)
- F** - DALI controller (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 Small

DALI 2 Type 8 (DALI8) - Wiring Detail - CE



- 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** - Terminal connector (by others)
- J** - From DALI controller (by others)
- K** - Junction box (by others)

DAI 2 Type 8 (DALIT8) - Wiring Detail - CE Class II



- A** - Power input or from previous fixture
- B** - To fixture
- C** - DA + (black 2)
- D** - DA -
- E** - To next fixture
- F** - Line
- G** - Signal common (black 1)
- H** - Neutral
- I** - Terminal connector (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.
 - 14 watts per fixture.
-
- 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.
 - 14 watts per fixture (RGBW), 16 watts per fixture (MRGBW30K, MRGBW40K, MRGBA).

How to Order

Housing	Voltage	Colour and Colour Temperature	Optic	Optical Option (4) (6)	Finish	Control (10) (12)	Mounting Option (16)	Option	Certification	Cable Length (14) (23)	Cable Colour
LBS Lumenbeam™ Small	100 100 Volts	DWW Dynamic Warm White (2200K to 3000K)	VN Very Narrow 6° (1)	LSLH Linear Spread Lens Horizontal Distribution (5)	BK Black Sandtex®	DIM/DTW Dim to Warm via 1-10V (2700K to 2200K) (11)	SK Stake Mounting	RY Rotational Yoke (17)	UL UL Compliant (21)	1M 1 m (14) (23)	BK Black WH White (24)
	120 120 Volts		NS Narrow Spot 10° (1)		BRZ Bronze Sandtex®		KN Knuckle Mounting	3GV 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications (18)		5M 5 m	
	208 208 Volts		NF Narrow Flood 20° (1)		SI Silver Sandtex®		CN Canopy Mounting Option	CE CE Compliant (22)		10M 10 m	
	220 220 Volts	DWH Dynamic White (2700K to 6500K)	M Medium 30° (1)	LSLV Linear Spread Lens Vertical Distribution (5)	WH Smooth White	DMX/RDM1 Dim to Warm via Single-Channel DMX/RDM (2700K to 2200K) (11) (13) (14)	DMX/RDM 3-Channel Colour Temperature Control via DMX/RDM (13) (14)	CRC Corrosion-Resistant Coating (19) (20)	CEII CE Compliant Class II Double Insulated	15M 15 m	
	240 240 Volts		FL Flood 40° (1)		BKTX Textured Black					20M 20 m	
	277 277 Volts		WFL Wide Flood 60° (1) (2)		BRZTX Textured Bronze Non-Metallic					30M 30 m	
			VWFL Very Wide Flood 90° (1) (3)		GRATX Textured Medium Grey						
		NAS Narrow Asymmetric (1)	GRNTX Textured Green								
		WW Asymmetric Wallwash (1)	WHTX Textured White								
				CC Custom Colour & Finish (7) (8) (9)							

Notes:

1. Factory installed, not interchangeable on site.
2. A dome lens accessory is available, order separately. For compatibility, a WFL optic must be specified for the fixture.
3. Consult factory for photometric performance.
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 VW optics.
7. Lumenpulse offers a wide selection of RAL CLASSIC (K7) colours with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colours, other RAL textures and glosses, or to match alternate colour charts. Final colour matching results may vary.
8. Setup charges apply for RAL colours. Consult factory for details.
9. Longer lead times can be expected for custom RAL colour finishes.
10. 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.
11. Available for DWW colour temperature option only.
12. A Lumentranslator 2 (LT2) and LumentalkID (LIDT) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.
13. A control box (CBX) and LumenID (LID) must be specified.
14. Maximum of 1 m cable length for daisy chain DMX applications with CBX-DS.
15. DALI 2 TB controller required, provided by others. DALI2 TB control uses a single DALI short address.
16. The standard yoke is provided unless an alternate mounting option is specified as part of the order code.
17. Consult factory for applications with 3GV requirements.
18. 3GV option is available for standard yoke mounting only.
19. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
20. Setup charges apply. Consult factory for details.
21. Consult North American specification sheets and installation instructions for UL wiring information.
22. Not available with DALI8 control option.
23. 1 m cable length is standard unless otherwise specified.
24. Not available with CE or CIE certification options.