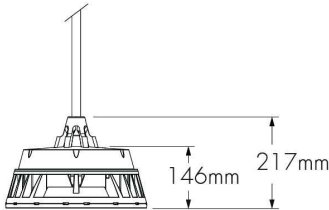


Project Name

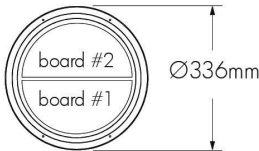
Qty

Type

Catalog / Part Number



Front view



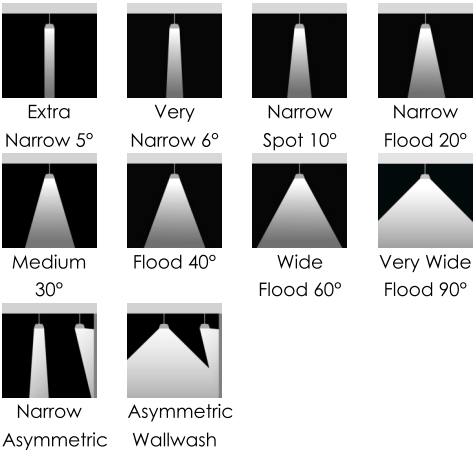
Bottom view

Photometric Summary

Symmetric		
	Delivered output (lm)	Intensity (peak cd)
XN (5°)	6,511	452,608
VN (6°)	5,695	243,890
NS (10°)	5,755	216,057
NF (20°)	5,071	42,766
M (30°)	5,132	21,666
FL (40°)	5,115	14,101
WFL (60°)	5,263	5,463
Asymmetric		
NAS	6,010	99,473 (@2.5°)
WW	4,930	21,485 (@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 Grande Pendant Dynamic White is an IP66-rated suspended luminaire for high-ceiling applications such as airport terminals and public atriums, with a special feature that enables the selection of any 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, various stem lengths, accessories, spread lenses, and controls. The luminaire also has an anti-corrosion option for use in harsh, chemical, or coastal environments.

Features

Colour and Colour Temperature	DWH: Dynamic White (2700K to 6500K), DWW: Dynamic Warm White (2200K to 3000K)
Mounting Length	12: 305 mm, 24: 610 mm, 36: 914 mm, 48: 1219 mm
Optics (Nominal Distribution)	XN: XN (5°), VN: VN (6°), NS: NS (10°), NF: NF (20°), M: M (30°), FL: FL (40°), WFL: WFL (60°), VWFL: VWFL (90°), NAS: NAS (Narrow Asymmetric), WW: WW (Asymmetric Wallwash)
Optical Option	LSLH: Linear Spread Lens Horizontal Distribution, LSLV: Linear Spread Lens Vertical Distribution
Option	CRC: Corrosion-Resistant Coating for Hostile Environments
Cable Colour	BK: Black, WH: White
Power Consumption	70 to 100 W (see Power Consumption table for details)
Warranty	5-year limited warranty
Performance	
Maximum Delivered Output	5,040 lm (DWW full output, XN 5°, DMX/RDM) 6,511 lm (DWH full output, XN 5°, DMX/RDM)
Maximum Delivered Intensity	350,318 cd at nadir (DWW full output, XN 5°, DMX/RDM) 452,608 cd at nadir (DWH full output, XN 5°, DMX/RDM)
Illuminance at Distance	Minimum 1 lx at 594 m (DWW full output, XN 5°, DMX/RDM) Minimum 1 lx at 676 m (DWH full output, XN 5°, DMX/RDM)
Lumen Maintenance	L70 B50 120,000 hrs (Ta 25 °C)

Colour and Colour Temperature

D_{ww}

Dynamic Warm White
(2200K to 3000K)

D_{wh}

Dynamic White
(2700K to 6500K)

Control

DIM/DTW

DMX/RDM1

DMX/RDM

DALI T8

Ratings

IP66 fixture

IP54 canopy

IK09

Certifications

Physical

Housing Material	Low copper content high pressure die-cast aluminium
Lens Material	Clear tempered glass
Hardware Material	Stainless steel
Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	9.98 kg

Electrical and Control

Voltage	100 to 277 volts
Fixture Cable	Power and data cable goes through stem
Conductors	3C: 3 x 1,5 mm ² (LT control) 5C: 5 x 1,5 mm ² (DIM/DTW, DALIT8 control) 6C: 3 x 1,5 mm ² / 3 x 0,20 mm ² (DMX/RDM1, DMX/RDM control)
Inrush Current (Peak)	55A @230VAC
Control	Lumentalk, 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
Resolution (DMX/RDM)	Per board or fixture for DMX/RDM control option (configured with LumenID V3 software), Per fixture for DMX/RDM1 control option, 8-bit or 16-bit
Dynamic Warm Colour Temperature Mixing	72 LEDs (12x 2200K, 12x 2700K, 12x 3000K per board)
Dynamic White Colour Temperature Mixing	72 LEDs (12x 2700K, 12x 4000K, 12x 6500K per board)

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 fixture (wet location rated) IP54 canopy (suitable for wet location, not suitable for water jet)
Impact Resistance Rating	IK09

Accessories (Order Separately)

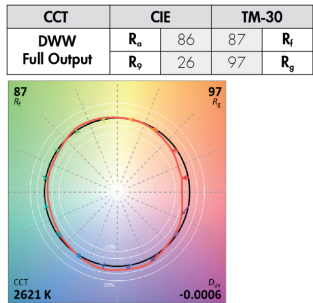
Optical Accessories	Lumenbeam Grande Snoot, Lumenbeam Grande Snoot Wide, Lumenbeam Grande Visor, Lumenbeam Grande Linear Spread Lens Adjustable, Lumenbeam Grande Wire Guard
Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration)
Control Systems	Lumenscene™ (LSC), Pharos® Lighting Control Kit (PHAROS)
Diagnostic and Addressing Tools	LumenID (LID)

Power Consumption

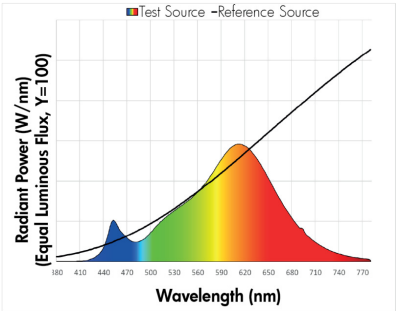
Control Option	Colour and Colour Temperature	Optic	Wattage (W)
DIM/DTW	DWW	XN/NAS	88
		VN/NS/NF/M/FL/WFL/VWFL/WWW	70
LT DMX/RDM DALI8	DWH & DWW	XN/NAS	100
	DWH & DWW	VN/NS/NF/M/FL/WFL/VWFL/WWW	86

Chromaticity Data

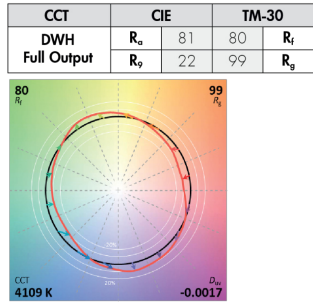
TM-30 - DWW



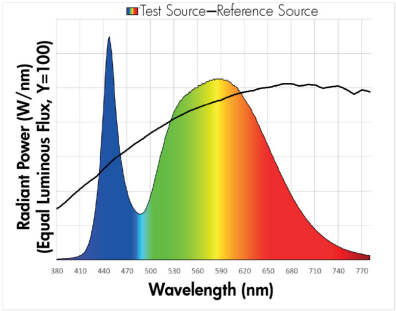
DWW Spectral Power Distribution



TM-30 - DWH

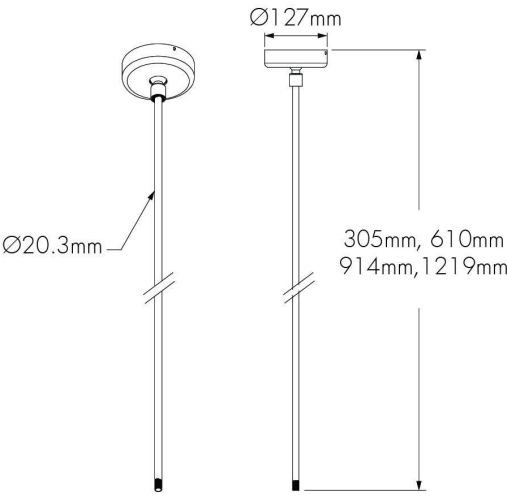


DWH Spectral Power Distribution



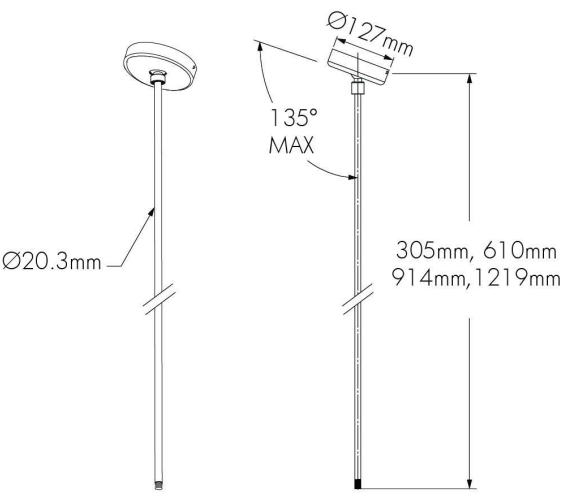
Mounting Types

SCAN - Standard Straight Stem Canopy



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

ACAN - Adjustable Sloped Ceiling Canopy



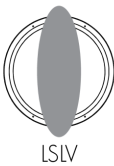
Not suitable when fixture is exposed to wind.
Suitable for under canopy installation only.
No vibration rating.

Optical Options

LSLH - Linear Spread Lens Horizontal Distribution



LSLV - Linear Spread Lens Vertical Distribution



Beam Angles

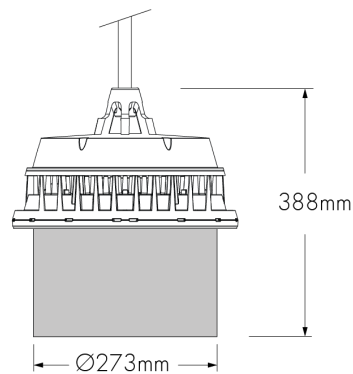
Optic installed in fixture	Beam angle with LSLH/LSLV
XN	5° x 60°
VN	8° x 50°
NS	9° x 56°
NF	17° x 57°
M	27° x 68°
FL	37° x 74°

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

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

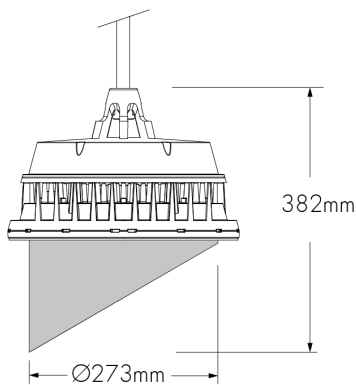
Optical Accessories (Order Separately)

SN - Snoot



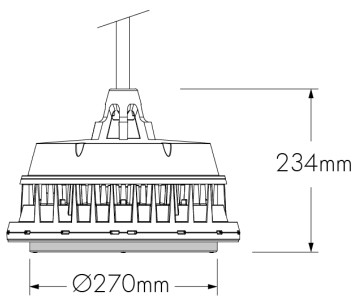
LBGSN-FINISH-BK-OPTIONS (CRC)
Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

VS - Visor



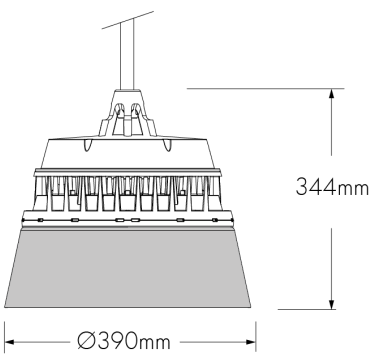
LBGVS-FINISH-BK-OPTIONS (CRC)
Interior surface painted black. Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

WG - Wire Guard



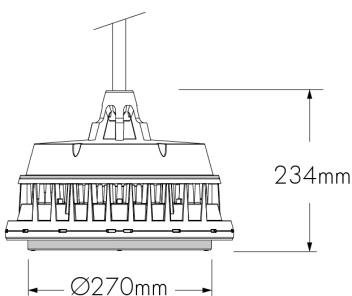
LBGWG-FINISH-OPTIONS (CRC)
Please specify the exterior **FINISH** from the list of finishes in the fixture order code.

SNW - Snoot Wide



LBGSNW-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



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

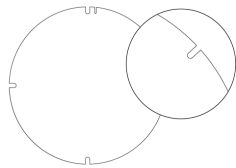
Accessory Combinations

+	Snoot	Snoot wide	Visor
Linear spread lens adjustable	LBGSNLSLA	N/A*	LBGVLSLA
Wire guard	LBGSNWG	N/A	LBGVSWG

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

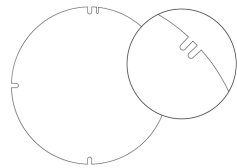
Diffuser Lenses (Intended for Mockup Purposes Only, Order Separately)

Diffuser Lens 1 (1 Notch)



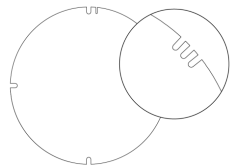
147683

Diffuser Lens 2 (2 Notches)



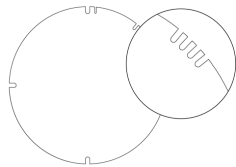
147684

Diffuser Lens 3 (3 Notches)



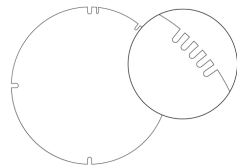
147685

Diffuser Lens 4 (4 Notches)



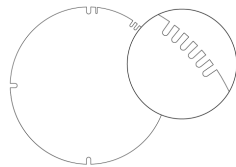
147686

Diffuser Lens 5 (5 Notches)



147687

Diffuser Lens 6 (6 Notches)



147688

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°)						

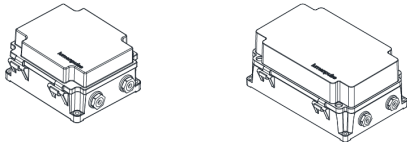
Choose a diffuser lens based on the desired final beam distribution. Refer to the 6-digit part numbers above to order diffuser lenses individually. To order a complete set of 6 diffuser lenses in a bag, refer to the following item names: **LBS:** LBALK-S **LBM/LBMP:** LBALK-M **LBL/LBLP:** LBALK-L **LBG/LBGP:**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

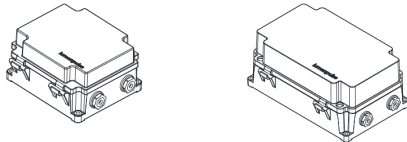
Control Boxes (Order Separately)

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. Lumenterminators provided with CBX (2x for daisy chain configuration, 6x for star configuration), consult factory to order spares.

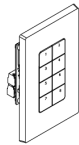
CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)



Ethernet control box. Up to four power and data outputs to fixture or fixture runs. Consult Ethernet CBX specification sheet and installation instructions for details.

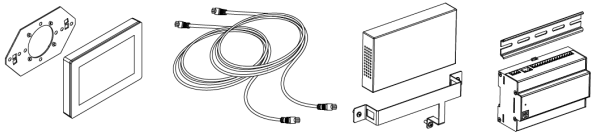
Control Systems (Order Separately)

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)

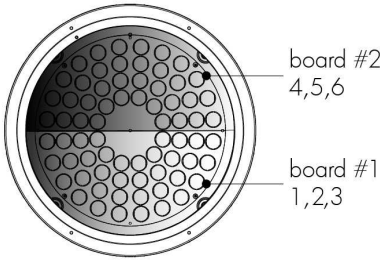
LID - LumenID



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

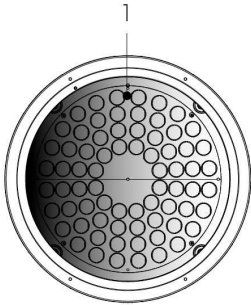
Resolution Details

Resolution Per Board: Each Board is Addressed Independently
DMX Addresses:

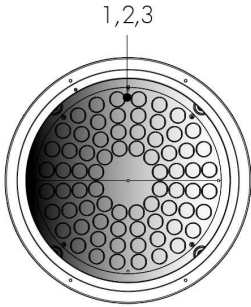


DMX/RDM control option

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



DMX/RDM1 control option



DMX/RDM control option

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

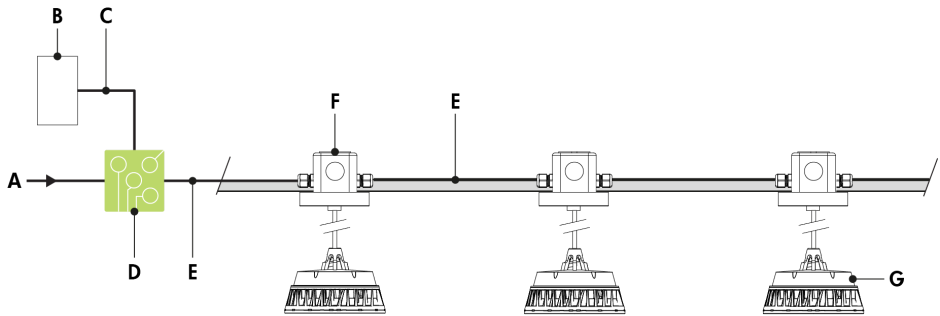
Typical Wiring Diagrams

Wiring 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)

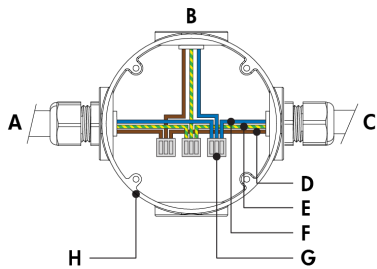
CE Class II Colour Code		USE
All other controls	DMX/RDM	
Brown	Brown	Line
Blue	Blue	Line/Neutral
Black 1	Grey	Signal common (DMX/RDM only)
Black 2	Black or Purple	1-10V / Data +
Grey	Grey or Orange	1-10V / Data -
N/A	Yellow/Green	Ground (do not connect)

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 - Junction box (by others)
- G - Lumenbeam Grande Pendant

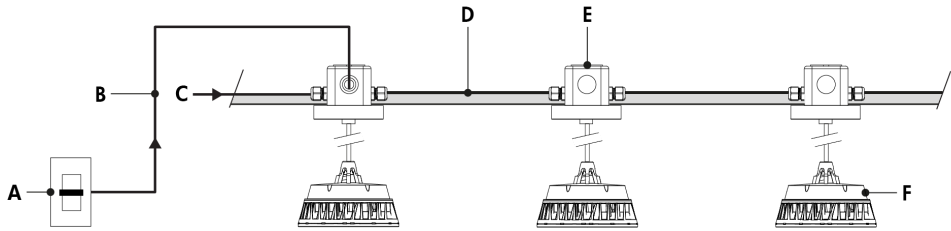
Lumentalk (LT) - Wiring Detail - CE



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

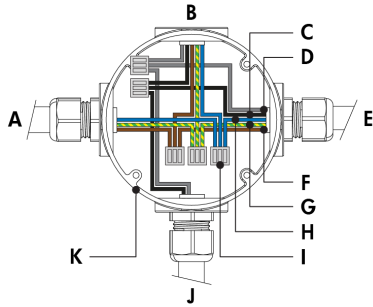
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk enabled fixtures must be commissioned using LumentalkID software and a LID-LT. Consult factory for details.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colours is 1 minute). Consult factory for applications that require additional capabilities.
- 70 to 104 watts per fixture, see Power Consumption table for details.

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



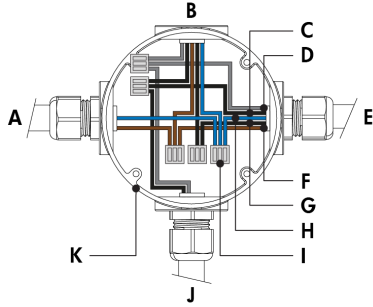
- A - Dimmer (by others)
- B - Data wiring (by others)
- C - Power input (100-277V AC, wiring by others)
- D - Power and data wiring (by others)
- E - Junction box (by others)
- F - Lumenbeam Grande Pendant

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)

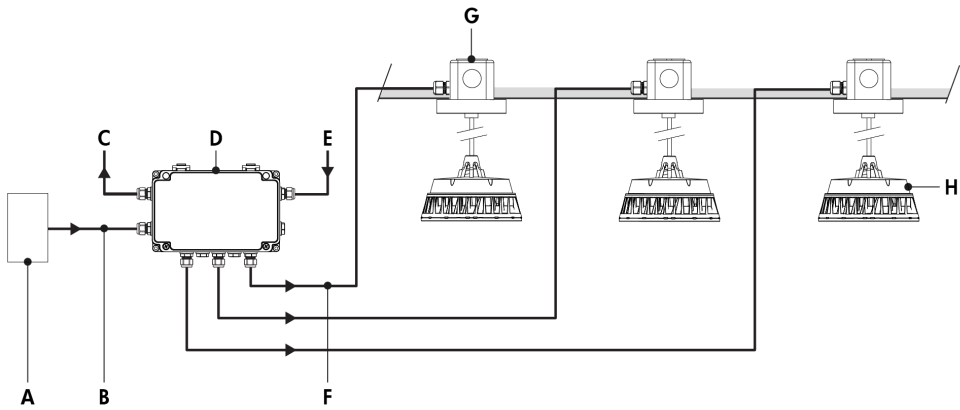
Dim To Warm Via 1-10V (DIM/DTW) - Wiring Detail - CE Class II



- 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)

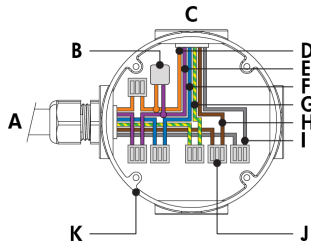
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 1-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 70 to 104 watts per fixture, see Power Consumption table for details.

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



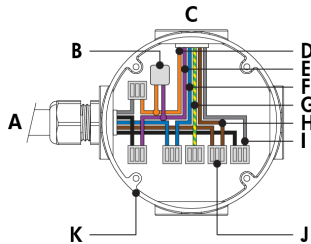
- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-ST
- E** - Power input (100-277V AC, wiring by others)
- F** - Power and data output to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

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)

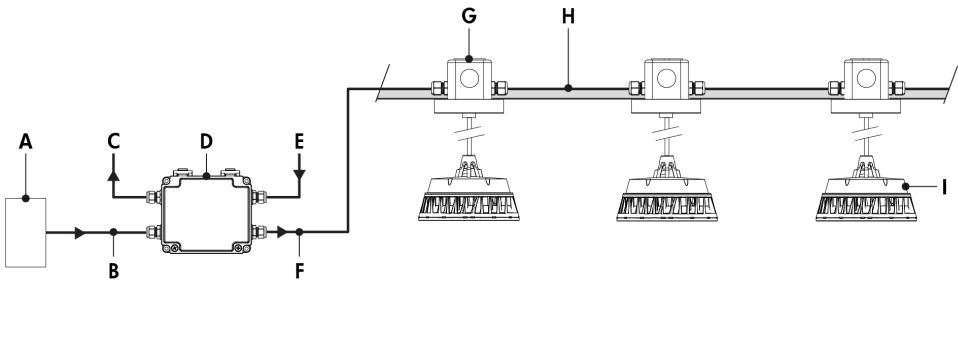
Maximum Fixture Count Per Run

Configuration/Voltage	120V	208V	240V	277V
LBGP	10	16	18	21

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

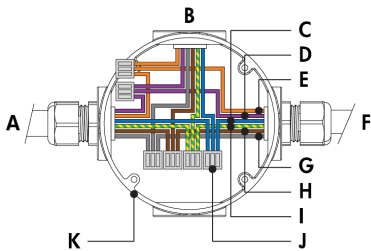
- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Run length calculations are based on a voltage drop of no more than 25V.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled 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.
- 70 to 104 watts per fixture, see Power Consumption table for details.

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



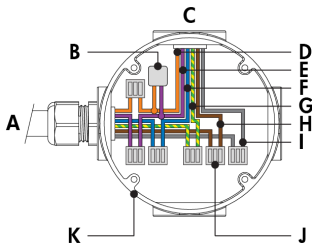
- A - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, not isolated/not boosted)
- D - CBX-DS
- E - Power input (100-277V AC, wiring by others)
- F - Power and data output to fixture (wiring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

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



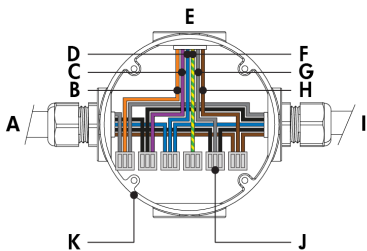
- A - From CBX or previous fixture
- B - To fixture
- C - Neutral
- D - Data +
- E - Data -
- F - To next fixture
- G - Signal common
- H - Line
- I - Ground
- J - Terminal connector (by others)
- K - Junction box (by others)

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



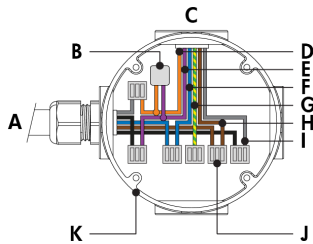
- A - From CBX or previous fixture
- B - Lumenterminator
- C - To fixture
- D - Data -
- E - Data +
- F - Neutral
- G - Ground
- H - Line
- I - Signal common
- J - Terminal connector (by others)
- K - Junction box (by others)

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)

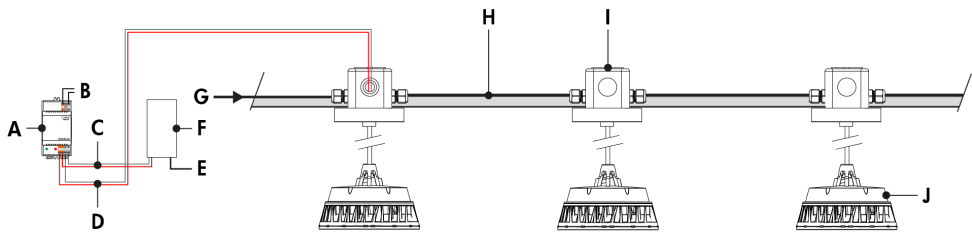
Maximum Fixture Count Per Run

Configuration/Voltage	120V	208V	240V	277V
LBGP	10	16	18	21

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

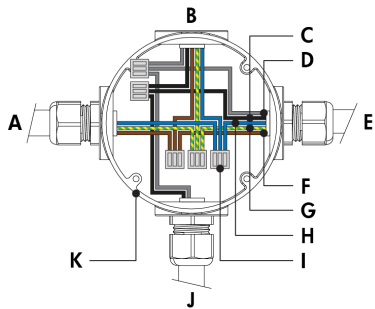
- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Run length calculations are based on a voltage drop of no more than 25V.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled 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.
- 70 to 104 watts per fixture, see Power Consumption table for details.

DALI 2 T8 (DALIT8)



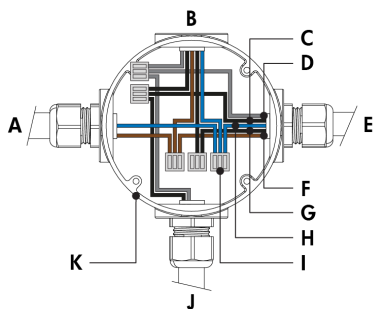
- A - DALI bus power supply (by others)
- B - Power input for DALI bus power supply (wiring by others)
- C - Data output to DALI controller (wiring by others)
- D - Data output to fixture (wiring by others)
- E - Power input for DALI controller (if required, wiring by others)
- F - DALI controller (by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

DALI 2 Type 8 (DALIT8) - 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)

DALI 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.
- 70 to 104 watts per fixture, see Power Consumption table for details.

How to Order

Housing	Voltage	Colour and Colour Temperature	Optic1	Optic2	Mounting Type	Mounting Length ⁽⁴⁾	Optical Option ⁽⁵⁾ ₍₇₎	Finish	Control
LBGP Lumenbeam™ Grande Pendant	100 100 Volts	DWW Dynamic Warm White (2200K to 3000K) DWH Dynamic White (2700K to 6500K)	XN Extra Narrow 5° ⁽¹⁾	XN Extra Narrow 5° ⁽¹⁾	SCAN Straight Stem Canopy	12 305 mm	LSLH Linear Spread Lens Horizontal Distribution ⁽⁶⁾ LSLV Linear Spread Lens Vertical Distribution ⁽⁶⁾	BK Black Sandtex®	LT Lumentalk ⁽¹¹⁾ ⁽¹²⁾
	220 220 Volts		VN Very Narrow 6° ⁽¹⁾	VN Very Narrow 6° ⁽¹⁾	ACAN Adjustable Sloped Ceiling Canopy	24 610 mm		BRZ Bronze Sandtex®	DIM/DTW Dim to Warm via 1-10V (2700K to 2200K) ⁽¹³⁾
	120 120 Volts		NS Narrow Spot 10° ⁽¹⁾	NS Narrow Spot 10° ⁽¹⁾		36 914 mm		SI Silver Sandtex®	DMX/RDM1 Dim to Warm via Single-Channel DMX/RDM (2700K to 2200K) ⁽¹³⁾ ⁽¹⁴⁾
	208 208 Volts		NF Narrow Flood 20° ⁽¹⁾	NF Narrow Flood 20° ⁽¹⁾		48 1219 mm		WH Smooth White	DMX/RDM 3-Channel Colour Temperature Control via DMX/RDM ⁽¹⁴⁾
	240 240 Volts		M Medium 30° ⁽¹¹⁾	M Medium 30° ⁽¹¹⁾				BKTX Textured Black	DALIT8 DALI 2 T8 Control ⁽¹⁵⁾
	277 277 Volts		FL Flood 40° ⁽¹⁾	FL Flood 40° ⁽¹⁾				BRZTX Textured Bronze Non-Metallic	
			WFL Wide Flood 60° ⁽¹⁾ ⁽²⁾	WFL Wide Flood 60° ⁽¹⁾ ⁽²⁾				GRATX Textured Medium Grey	
			VWFL Very Wide Flood 90° ⁽¹⁾ ⁽²⁾ ⁽³⁾	VWFL Very Wide Flood 90° ⁽¹⁾ ⁽²⁾ ⁽³⁾				GRNTX Textured Green	
			NAS Narrow Asymmetric ⁽¹⁾	NAS Narrow Asymmetric ⁽¹⁾				WHTX Textured White	
			WW Asymmetric Wallwash ⁽¹⁾	WW Asymmetric Wallwash ⁽¹⁾				CC Custom Colour & Finish ⁽⁸⁾ ⁽⁹⁾ ⁽¹⁰⁾	

Notes:

1. Factory installed, not interchangeable on site.

2. Cannot be combined with other optics.

3. Consult factory for photometric performance.

4. Consult factory for custom stem lengths.

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

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

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

8. 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 glasses, or to match alternate colour charts. Final colour matching results may vary.
9. Setup charges apply for RAL colours. Consult factory for details.

10. Longer lead times can be expected for custom RAL colour finishes.

11. A Lumentranslator 2 (LTL2) and LumentalkID (LIDL1) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.

12. Not available with Class II double insulated option.

13. Available for DWW colour temperature option only.

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

15. DALI 2 T8 controller required, provided by others. DALI2 T8 control uses a single DALI short address.

How to Order

Option	Certification	Cable Colour
CRC Corrosion-Resistant Coating ⁽¹⁶⁾ ⁽¹⁷⁾	UL UL Compliant ⁽¹⁸⁾ CE CE Compliant CEII CE Compliant Class II Double Insulated	BK Black WH White ⁽¹⁹⁾

Notes:

- 16.** Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
- 17.** Setup charges apply. Consult factory for details.
- 18.** Consult North American specification sheets and installation instructions for UL wiring information.
- 19.** Not available with CE or CEII certification options.