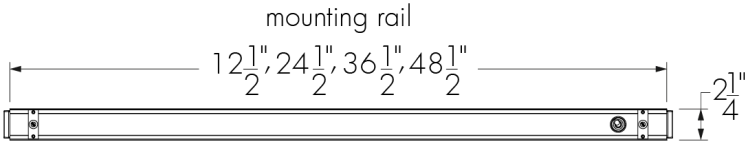
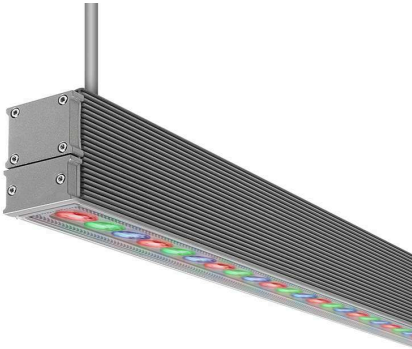


Project Name

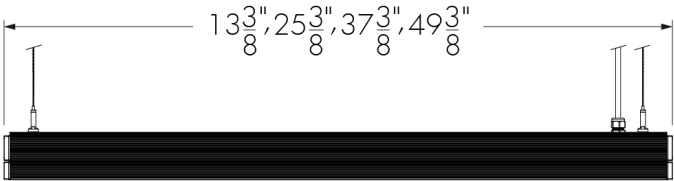
Qty

Type

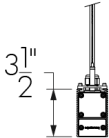
Catalog / Part Number



Top view



Shown with aircraft cable mounting option



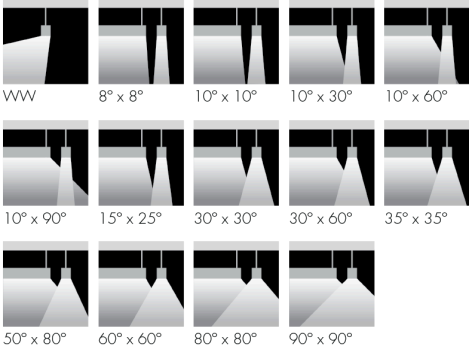
Front and side views

Photometric Summary

	Delivered output (lm)	Intensity (peak cd)
WW	2,681	3,856
8°x8°	3,054	58,209
10°x10°	2,862	28,655
10°x30°	2,903	22,459
10°x60°	2,980	13,266
10°x90°	2,690	5,902
15°x25°	2,948	18,480
30°x30°	2,865	11,004
30°x60°	2,878	3,819
35°x35°	2,929	7,473
50°x80°	2,811	2,577
60°x60°	2,569	2,250
80°x80°	2,900	1,890
90°x90°	2,681	1,409

Based on RGBW40K full output, 4ft [1219mm] DMX/RDM configuration.
Photometric performance is measured in compliance with IESNA LM-79-08.

Optics



Description

The Lumenfacade Pendant Colour Changing is a high-performance, linear LED luminaire that can be suspended from ceilings to light large public spaces in colour. This luminaire is available in 12 in, 24 in, 36 in or 48 in sections, and offers a wide number of options including a choice of optics for grazing or floodlighting; RGB, RGBW, or RGBA colour mixing; various options, finishes, accessories and controls; as well as Legacy or Custom output modes.

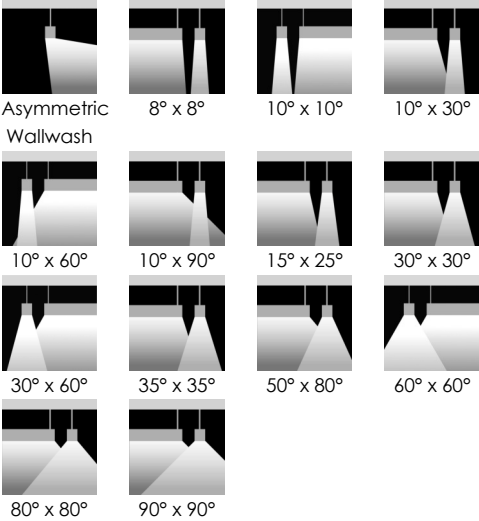
Features

Color and Color Temperature	RGB, RGB + White 3000K, RGB + White 4000K, RGB + Amber
Length (Nominal)	12 in, 24 in, 36 in, 48 in
Optics	Asymmetric Wallwash, 8° x 8°, 10° x 10°, 10° x 30°, 10° x 60°, 10° x 90°, 15° x 25°, 30° x 30°, 30° x 60°, 35° x 35°, 50° x 80°, 60° x 60°, 80° x 80°, 90° x 90°
Option	Corrosion-Resistant Coating for Hostile Environments CE (certification covers European Economic Area)
Power Consumption	17.25 W/ft, Typically 20% higher for 12 in fixture lengths
Warranty	5-year limited warranty

Performance

Maximum Delivered Output	2,828 lm (48 in fixture, RGB full output, 8° x 8°, DMX/RDM) 2,993 lm (48 in fixture, RGBW30K full output, 8° x 8°, DMX/RDM) 3,054 lm (48 in fixture, RGBW40K full output, 8° x 8°, DMX/RDM) 2,510 lm (48 in fixture, RGBA full output, 8° x 8°, DMX/RDM)
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Optic



Color and Color Temperature



Control



Ratings

IP66 IK07*
* asymmetric wallwash lens is IK06 rated

Lumencycle™ Program



Certifications



Maximum Delivered Intensity	53,888 cd at nadir (48 in fixture, RGB full output, 8° x 8°, DMX/RDM) 57,045 cd at nadir (48 in fixture, RGBW30K full output, 8° x 8°, DMX/RDM) 58,209 cd at nadir (48 in fixture, RGBW40K full output, 8° x 8°, DMX/RDM) 47,819 cd at nadir (48 in fixture, RGBA full output, 8° x 8°, DMX/RDM)
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Illuminance at Distance	Minimum 1 fc at 232 ft (48 in fixture, RGB full output, 8° x 8°, DMX/RDM) Minimum 1 fc at 239 ft (48 in fixture, RGBW30K full output, 8° x 8°, DMX/RDM) Minimum 1 fc at 241 ft (48 in fixture, RGBW40K full output, 8° x 8°, DMX/RDM) Minimum 1 fc at 219 ft (48 in fixture, RGBA full output, 8° x 8°, DMX/RDM)
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Lumen Maintenance	L70 280,000 hrs L95 35,000 hrs
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Physical

Housing Material	Low copper content extruded aluminum
Lens Material	Clear tempered glass
Hardware Material	Stainless steel
End Cap Material	Machined aluminum
Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	12 in: 4.5 lbs 24 in: 7 lbs 36 in: 10.5 lbs 48 in: 14 lbs

Electrical and Control

Voltage	120 to 277 volts, 347 volts available (consult factory for details)
Fixture Cable	Power and data in one cable, Straight cord output (top feed)
Conductors	3C #16-3 (LT control) 5C #16-5 (DMX/RDM control)
Control	Lumentalk, DMX/RDM Enabled, DALI 2 T8 Enabled Dimming 0.1%
Resolution (DMX/RDM)	Per foot or per fixture (configured with LumenID V3 software), 8-bit or 16-bit, 3 channels (RGB) or 4 channels (RGBW30K, RGBW40K and RGBA)
RGB Color Mixing	12 LEDs per 12 in (4x Red, 4x Green, 4x Blue)
RGBW30K Color Mixing	12 LEDs per 12 in (3x Red, 3x Green, 3x Blue, 3x White 3000K)
RGBW40K Color Mixing	12 LEDs per 12 in (3x Red, 3x Green, 3x Blue, 3x White 4000K)
RGBA Color Mixing	12 LEDs per 12 in (3x Red, 3x Green, 3x Blue, 3x Amber)

Environmental

Storage Temperature	-40 °F to 185 °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 (asymmetric wallwash lens is IK06 rated)

Accessories (Order Separately)

Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration), Lumentalk Data Bridge
Control Systems	Lumentone™ 2 (LTN2), Pharos® Designer Lighting Control Kit (PHAROS)
Diagnostic and Addressing Tools	LumenID (LID), LumentalkID (LIDLT)

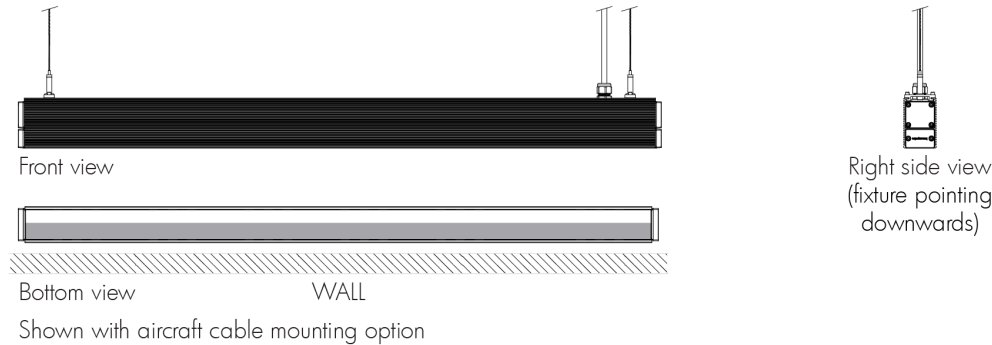
Important

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.

Asymmetric Wallwash Optic Details

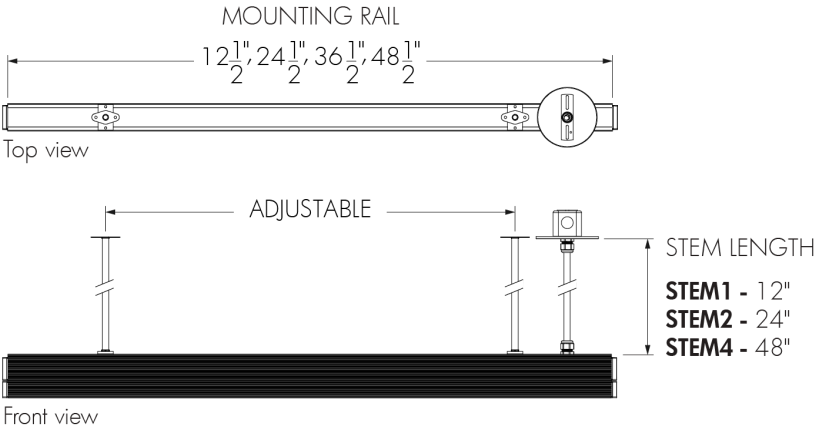
WW - Asymmetric Wallwash



- Always position frosted side toward the wall.
- Recommended setback from wall is 1/10 of the wall height. Example: 2 ft setback for a 20 ft wall.

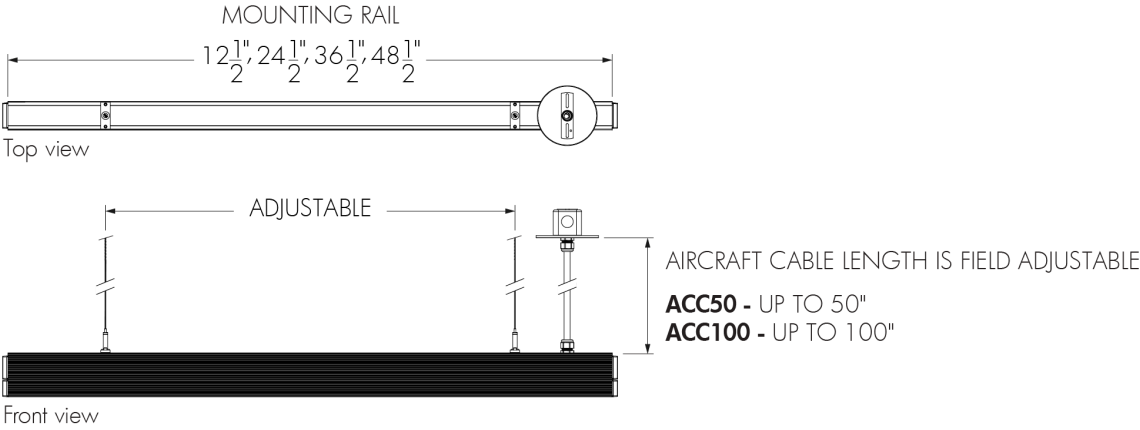
Mounting Options

STEM1, STEM2, STEM4 - Stem Mounting



Not suitable when fixture is exposed to wind.

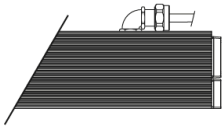
ACC50, ACC100 - Aircraft Cable Mounting



For interior applications only.

Option

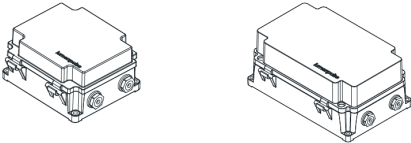
A - 90° Angle Cord Output (Top Feed)



Consult factory for availability.

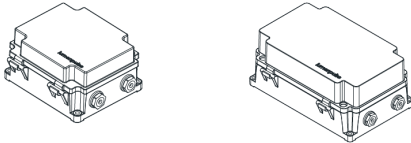
Control Boxes (Order Separately)

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



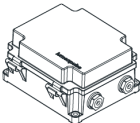
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for Daisy Chain configuration, 6x for Star configuration), consult factory to order spares.

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.

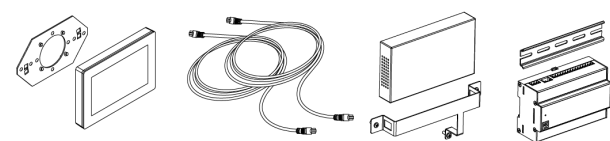
LDB - Lumentalk Data Bridge



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.

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.

LID-LT - LumentalkID

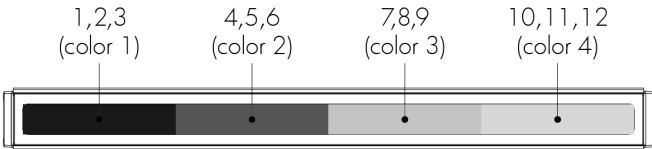


LumentalkID is a diagnostic and addressing tool. It must be specified for all Lumentalk (LT) applications. Consult LID-LT specification sheet for details.

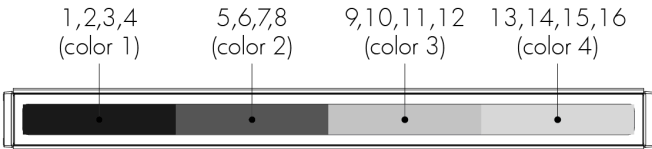
Resolution Details

DMX/RDM Control, Resolution Per Foot: Each 12 in Section is Addressed Independently

DMX Addresses:



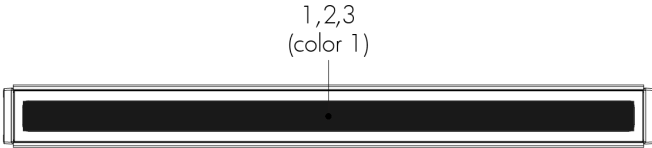
RGB color mixing option



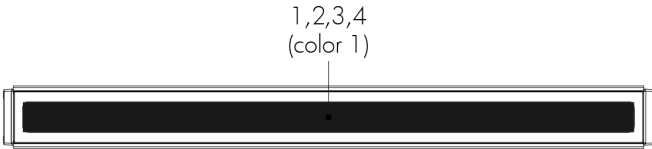
RGBW30K, RGBW40K and RGBA color mixing options

DMX/RDM Control, Resolution Per Fixture: Each Fixture is Addressed Independently

DMX Addresses:



RGB color mixing option



RGBW30K, RGBW40K and RGBA color mixing options

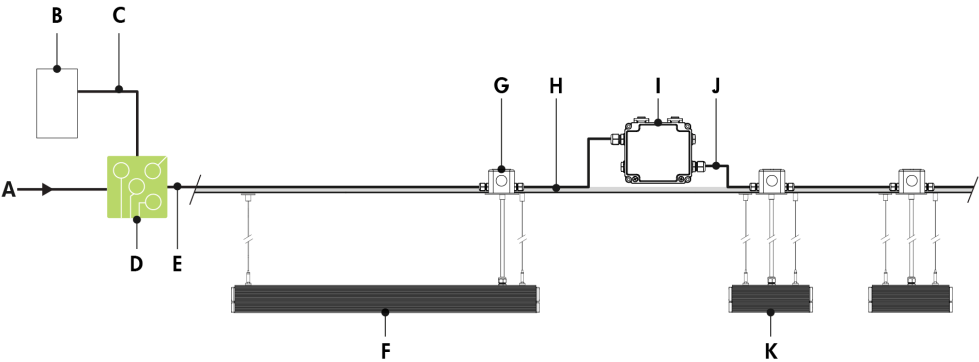
- 48 in fixtures shown.
- Applicable for DMX/RDM control option only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Typical Wiring Diagrams

Wiring Color Code

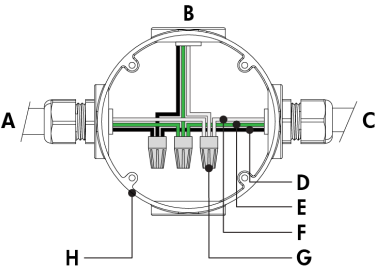
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -

Lumentalk (LT)



- A - Power input (120-277V 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 - Lumenfacade Pendant (24 in, 36 in, or 48 in fixture lengths)
- G - Junction box (by others)
- H - Power wiring (by others)
- I - Lumentalk Data Bridge (LDB-DMX)
- J - Power and data wiring (by others)
- K - Lumenfacade Pendant 12 in

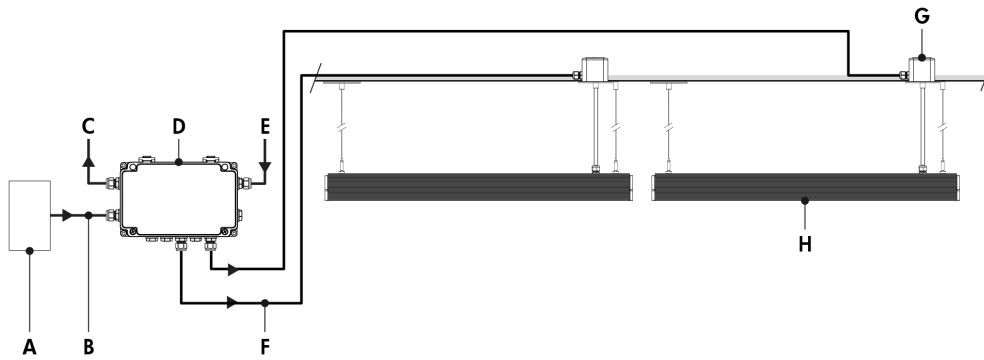
Lumentalk (LT) - Wiring Detail



- A - Power input (control over power line via Lumentalk system) or from previous fixture
- B - To fixture
- C - To Lumentalk Data Bridge (for run lengths with 12 in fixtures)
- D - Line
- E - Ground
- F - Line/Neutral
- G - Wire-nuts (by others)
- H - Junction box (by others)

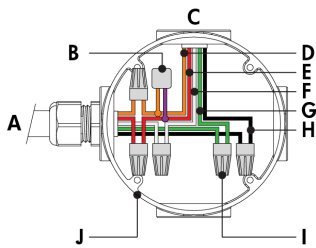
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for 12 in fixture lengths, see LDB installation instructions for details. Fixtures must be specified as DMX/RDM and the Lumentalk Data Bridge must be specified as DMX. 2-step commissioning process: 1 - DMX/RDM system using LumenID software and a LID, 2 - Lumentalk system using LumentalkID software and a LID-LT. Consult factory for details.
- Maximum of 32 fixtures per LDB-DMX. Consult factory for details.
- 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- 17.25 W/ft.

Star Layout (DMX/RDM)



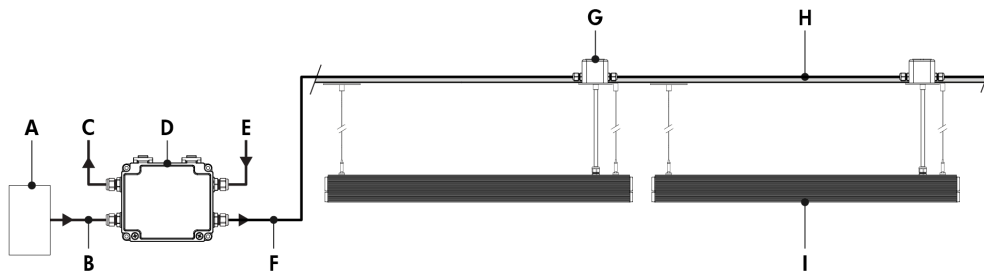
- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-ST
- E** - Power input (120-277V, wiring by others)
- F** - Power and data output to fixture (wiring by others)
- G** - Junction box (by others)
- H** - Lumenfacade Pendant

Star Layout (DMX/RDM) - Wiring Detail



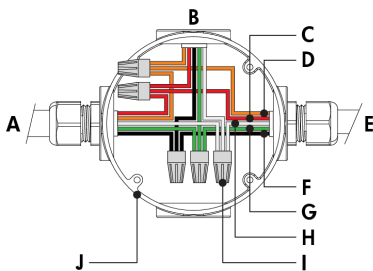
- A** - From CBX
- B** - Lumenterminator
- C** - To fixture
- D** - Data -
- E** - Data +
- F** - Neutral
- G** - Ground
- H** - Line
- I** - Wire-nuts (by others)
- J** - Junction box (by others)

Daisy Chain Layout (DMX/RDM)



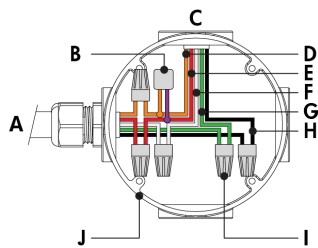
- A** - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - Data output to next CBX (optional, not isolated/not boosted)
- D** - CBX-DS
- E** - Power input (120-277V, wiring by others)
- F** - Power and data output to fixture (wiring by others)
- G** - Junction box (by others)
- H** - Power and data wiring (by others)
- I** - Lumenfacade Pendant

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



- A** - From CBX or previous fixture
- B** - To fixture
- C** - Data +
- D** - Data -
- E** - To next fixture
- F** - Line
- G** - Ground
- H** - Neutral
- I** - Wire-nuts (by others)
- J** - 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 - Wire-nuts (by others)
- J - Junction box (by others)

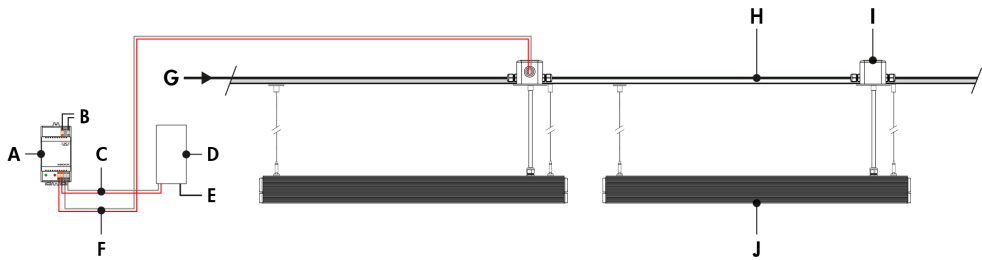
Maximum Run Length

Maximum run length of LOGP fixtures	64ft
Maximum cable length	320ft

Based on 15A maximum.

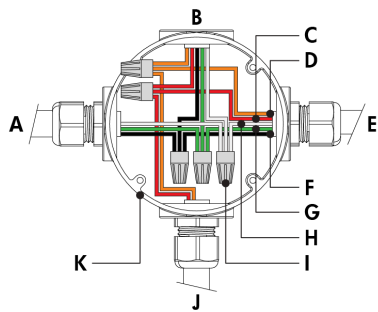
- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations. Maximum run length calculations are typically based on 48 in fixtures.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled fixtures on any single run.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 6 outputs per CBX-ST; maximum of 1 output per CBX-DS.
- RGB color mixture option requires 3 DMX addresses. RGBW30K and RGBW40K color mixture options require 4 DMX addresses. RGBA color mixture option requires 4 DMX addresses.
- DMX terminator is required at the end of each run to maintain data integrity. Six (6x) DMX lumenterminators included per CBX-ST; two (2x) included per CBX-DS. See installation instructions for details.
- 17.25 W/ft.

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 - DALI controller (by others)
- E - Power input for DALI controller (if required, wiring by others)
- F - Data output to fixture (wiring by others)
- G - Power input (120-277V, wiring by others)
- H - Power and data wiring (by others)
- I - Junction box (by others)
- J - Lumenfacade Pendant

DALI 2 T8 (DALIT8) - Wiring Detail



- A - Power input or from previous fixture
- B - To fixture
- C - DA +
- D - DA -
- E - To next fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nuts (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.
- 17.25 W/ft.
- The Lumenfacade responds to RGBWAF controls.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.

How to Order

Housing ⁽¹⁾	Cable Length	Voltage ⁽²⁾	Length	Color and Color Temperature	Optic	Mounting Options ⁽⁶⁾	Finish	Control	Option
LOGP Lumenfacade™ Pendant	10FT 10 ft	120 120 Volts	12 13 3/8 in (4.5 lbs) ⁽¹⁾	RGB RGB	WW Asymmetric Wallwash	STEM1 Stem Mounting 1 ft	BK Black Sandtex®	LT Lumentalk ⁽³⁾ ⁽¹¹⁾ ⁽¹²⁾	CRC Corrosion-Resistant Coating ⁽¹³⁾ ⁽¹⁴⁾
	20FT 20 ft	208 208 Volts		RGBW30K RGB + White 3000K ⁽⁴⁾	8x8 8° x 8° ⁽⁵⁾	STEM2 Stem Mounting 2 ft	BRZ Bronze Sandtex®	DMX/RDM DMX/RDM Enabled Dimming ⁽¹³⁾	CE CE (European certification) ⁽¹⁷⁾
	30FT 30 ft	220 220 Volts	24 25 3/8 in (7 lbs)	RGBW40K RGB + White 4000K ⁽⁴⁾	10x10 10° x 10° ⁽⁵⁾		SI Silver Sandtex®		
	50FT 50 ft	240 240 Volts	36 37 3/8 in (10.5 lbs)		10x30 10° x 30°	STEM4 Stem Mounting 4 ft	WH Smooth White	DALIT8 DALI 2 T8 Enabled Dimming 0.1% ⁽¹⁴⁾	
	70FT 70 ft	277 277 Volts	48 49 3/8 in (14 lbs)	RGBA RGB + Amber	10x60 10° x 60°	ACC50 Aircraft Cable 50 in ⁽⁷⁾	CC Custom Color & Finish ⁽⁸⁾ ⁽⁹⁾ ⁽¹⁰⁾		
	100FT 100 ft				10x90 10° x 90°	ACC100 Aircraft Cable 100 in ⁽⁷⁾			
					15x25 15° x 25°				
					30x30 30° x 30°				
					30x60 30° x 60°				
					35x35 35° x 35°				
					50x80 50° x 80°				
					60x60 60° x 60°				
					80x80 80° x 80°				
					90x90 90° x 90°				

Notes:

1. Power consumption is typically 20% higher for 12 in fixture lengths.

2. 347 volts available, consult factory for details.

3. To connect 12 in fixture lengths to the Lumentalk system, DMX/RDM must be specified as the control option, and a Lumentalk Data Bridge (LD8-DMX) is required. See the typical wiring diagrams in the specification sheet for details.

4. 2700K, 3500K and Royal Blue available, consult factory. Longer lead times apply.

5. For best results, we recommend a 6 in setback from surface. Contact factory for application support.

6. White standard finish for canopy.

7. Field adjustable, interior applications only.

8. 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.
9. Setup charges apply for RAL colors. Consult factory for details.

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

11. Available for 24 in, 36 in and 48 in fixture lengths only.

12. A Lumentranslator 2 (LTL2) and LumenID (LID) 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. DALI 2 T8 controller required, provided by others. DALI 2 T8 control uses a single DALI short address.

15. Use only when exposed to salt spray. This option is not required for normal outdoor exposure.

16. Setup charges apply. Consult factory for details.

17. Consult European specification sheet and installation instructions for CE wiring information.