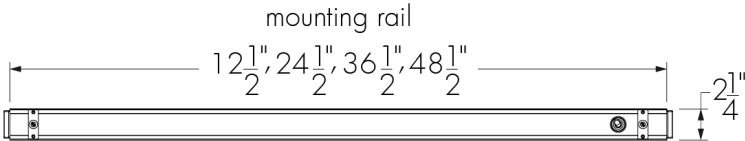


Project Name

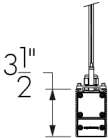
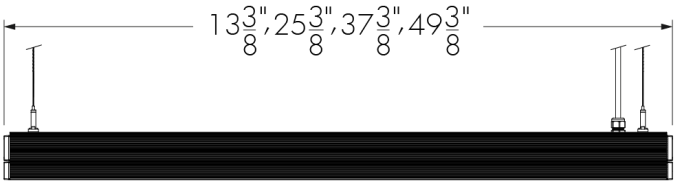
Qty

Type

Catalog / Part Number



Top view



Front and side views

Shown with aircraft cable mounting option

Photometric Summary

	Delivered output (lm)	Intensity (peak cd)
WW	3,592	5,159
8°x8°	4,045	77,896
10°x10°	3,830	38,346
10°x30°	3,885	30,056
10°x60°	3,984	17,736
10°x90°	3,576	7,897
15°x25°	3,880	24,730
30°x30°	3,765	14,726
30°x60°	3,848	5,106
35°x35°	3,921	9,999
50°x80°	3,767	3,449
60°x60°	3,435	3,007
80°x80°	3,881	2,530
90°x90°	3,588	1,886

Based on HO 4000K, 4ft [1219mm] configuration.
Photometric performance is measured in compliance with IESNA LM-79-08.

Description

The Lumenfacade Pendant is a high-performance, linear LED luminaire that can be suspended for general illumination of public spaces, transit areas and other outdoor environments. Featuring second generation LED technology, the luminaire is available in 12 in, 24 in, 36 in or 48 in sections, and offers a number of options, including: optics for accenting or flood lighting; a choice of outputs (ASHRAE 5W/ft, RO 8.5W/ft or HO 15.25W/ft); various color temperatures colors, options, accessories and controls. The Lumenfacade Pendant is also available with a unique asymmetric wallwash distribution, providing exceptional uniformity and brightness for walls and signage.

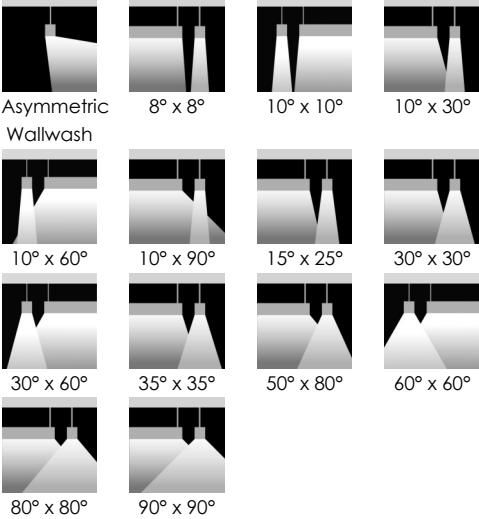
Features

Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, Red, Green, Blue
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	5 W/ft (meets ASHRAE standards for linear lighting on building facades - not available for 12 in fixture lengths), 8.5 W/ft (RO version), 15.25 W/ft (HO version), Typically 20% higher for 12 in fixture lengths
Warranty	5-year limited warranty

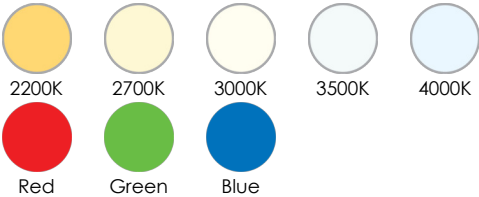
Performance

Illuminance at Distance	Minimum 1 fc at 133 ft (HO 4000K, 48 in fixture, 10° x 60°, DMX/RDM)
Color Consistency	2 SDCM, 3 SDCM (2200K)

Optic



Color and Color Temperature



Control

ON/OFF 0-10V DALI DMX/RDM



Ratings

IP66 IK07*
*asymmetric wallwash lens is IK06 rated

Lumencycle™ Program



Certifications



Color Rendering	Minimum CRI 80
Lumen Maintenance	L70 280,000 hrs L95 35,000 hrs

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 (NO, LT control) 5C #16-5 (DIM, DALI, ES, DMX/RDM control)

Maximum Cable and Fixture Run Length

Control	On/Off Control, Lumentalk, 0-10V Dimming, DALI Dimming, DMX/RDM Enabled
Resolution (DMX/RDM)	Per foot or per fixture (configured with LumenID V3 software), 8-bit or 16-bit

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)

Optical Accessories	Lumenfacade Radial Louver
Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration), Lumentalk Data Bridge
Control Systems	Pharos® Designer Lighting Control Kit (PHAROS), Lumenscene™ (LSC)
Diagnostic and Addressing Tools	LumenID (LID), LumentalkID (LIDLT)

Important

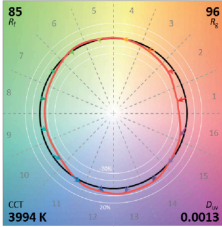
Virtual Patent Marking Notice

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.

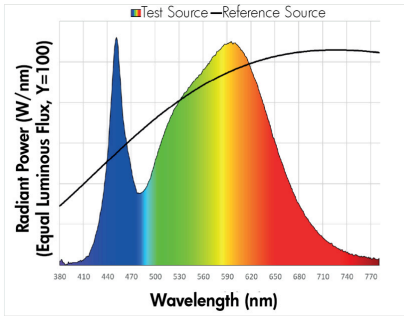
Chromaticity Data

TM-30 - 4000K

CCT	CIE		TM-30	
	R _a	R _g	R _t	R _s
4000K	83	14	85	96

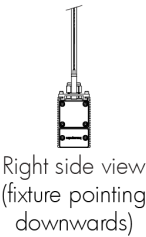
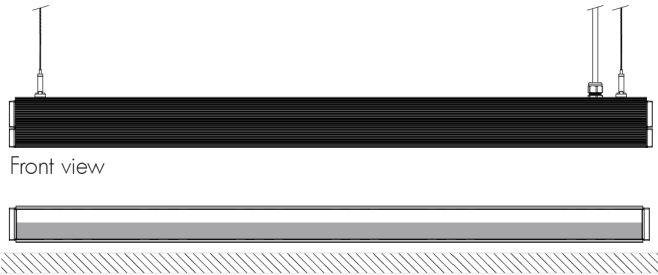


Spectral Power Distribution



Asymmetric Wallwash Optic Details

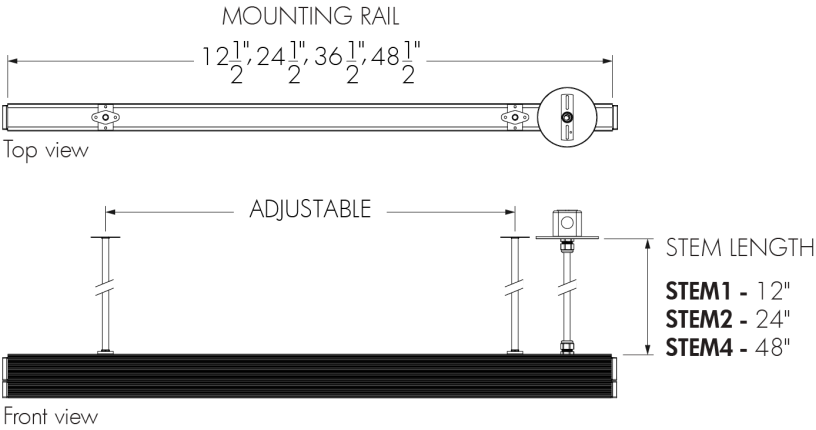
WW - Asymmetric Wallwash



- Shown with aircraft cable mounting option
- 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.

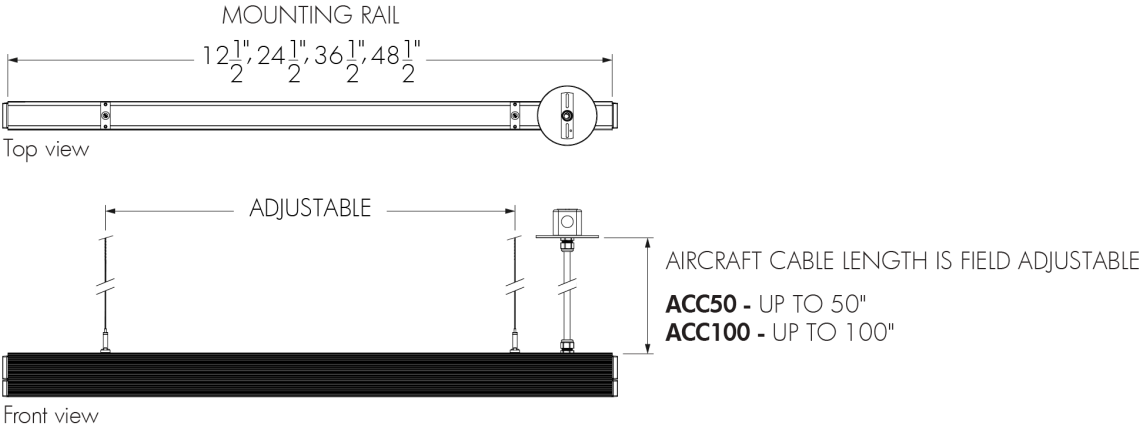
Mounting Options

STEM1, STEM2, STEM4 - Stem Mounting



Not suitable when fixture is exposed to wind.

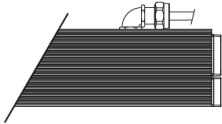
ACC50, ACC100 - Aircraft Cable Mounting



For interior applications only.

Option

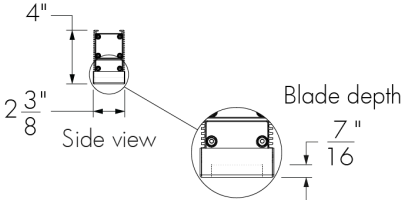
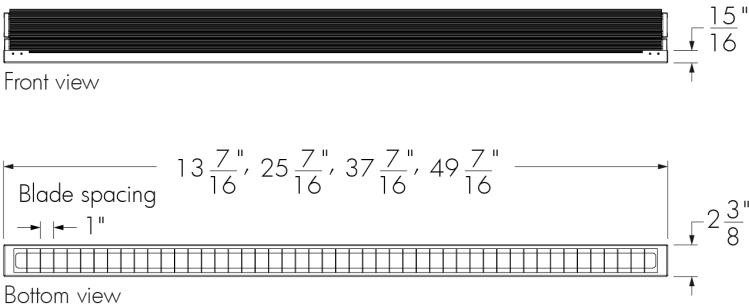
A - 90° Angle Cord Output (Top Feed)



Consult factory for availability.

Optical Accessories (Order Separately)

LOGRD - Radial Louver For Lumenfacade



LOGRD-LENGTH-FINISH-OPTIONS

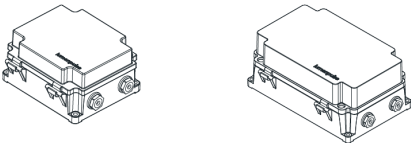
Please specify:

LENGTH: 12 in, 24 in, 36 in or 48 in; **FINISH:** BK - Black Sandtex®, BRZ - Bronze Sandtex®, SI - Silver Sandtex®, WH - Smooth white or CC - custom color and finish (please specify RAL color); **OPTIONS:** CRC - Corrosion-resistant coating for hostile environments

- The addition of a louver will affect beam distribution. Consult factory for application support.
- Not suitable for asymmetric wallwash optic.

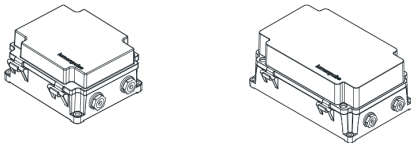
Control Boxes (Order Separately)

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



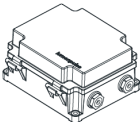
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for Daisy Chain configuration, 6x for Star configuration), consult factory to order spares.

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.

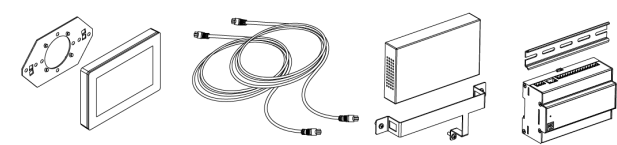
LDB - Lumentalk Data Bridge



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 Control 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.

Resolution Details

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

DMX Addresses:



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

DMX Addresses:



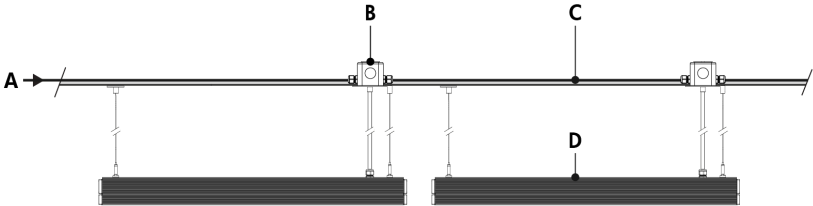
- 48 in fixtures shown.
- Applicable for DMX/RDM control option only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Typical Wiring Diagrams

Wiring Color Code

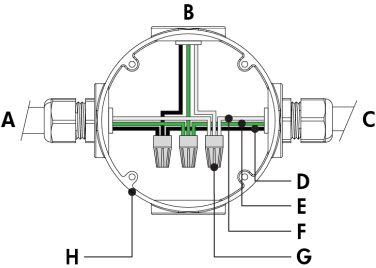
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -

On/Off Control (NO)



- A - Power input (120-277V, wiring by others)
- B - Junction box (by others)
- C - Power wiring (by others)
- D - Lumenfacade Pendant

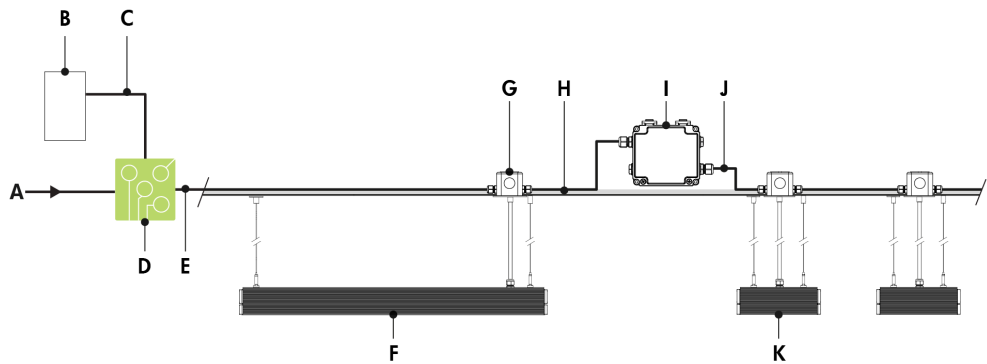
On/Off Control (NO) - Wiring Detail



- A - Power input or from previous fixture
- B - To fixture
- C - To next fixture
- D - Line
- E - Ground
- F - Line/Neutral
- G - Wire-nuts (by others)
- H - Junction box (by others)

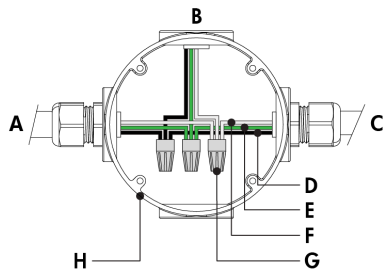
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- ASHRAE version (not available for 12 in fixture lengths): 5 W/ft; Regular Output version: 8.5 W/ft; High Output version: 15.25 W/ft.

Lumentalk (LT)



- A - Power input (120-277V 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 - 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-DIM or LDB-DMX)
- J - Power and data wiring (by others)
- K - Lumenfacade Pendant 12 in

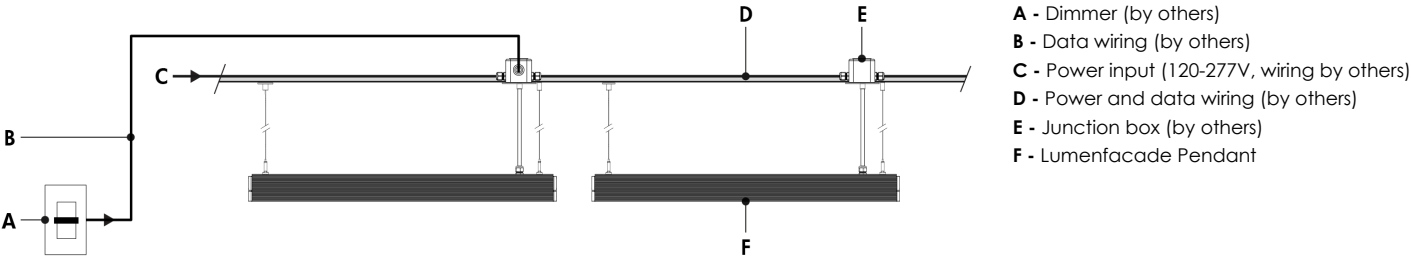
Lumentalk (LT) - Wiring Detail



- 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.
- 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-LT. 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.
- ASHRAE version (not available for 12 in fixture lengths): 5 W/ft; Regular Output version: 8.5 W/ft; High Output version: 15.25 W/ft.

0-10V Dimming (DIM)

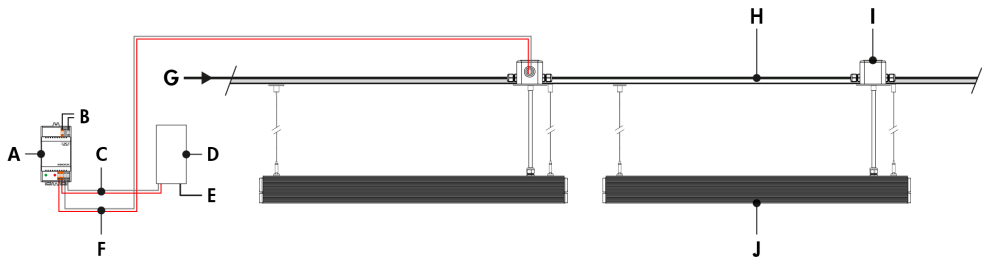


0-10V Dimming (DIM) - Wiring Detail



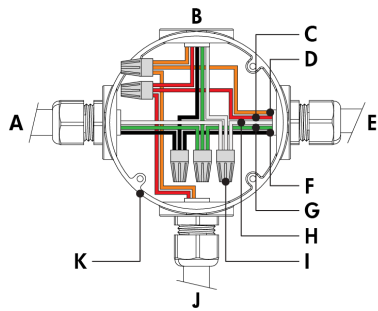
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 0-10V mA ratings: passive dimmer (Current Sink): 3 mA per fixture, active dimmer (Current Source): 0.5 mA per fixture.
- 1% minimum dimming value.
- ASHRAE version (not available for 12 in fixture lengths): 5 W/ft; Regular Output version: 8.5 W/ft; High Output version: 15.25 W/ft.

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 - DALI controller (by others)
- E - Power input for DALI controller (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

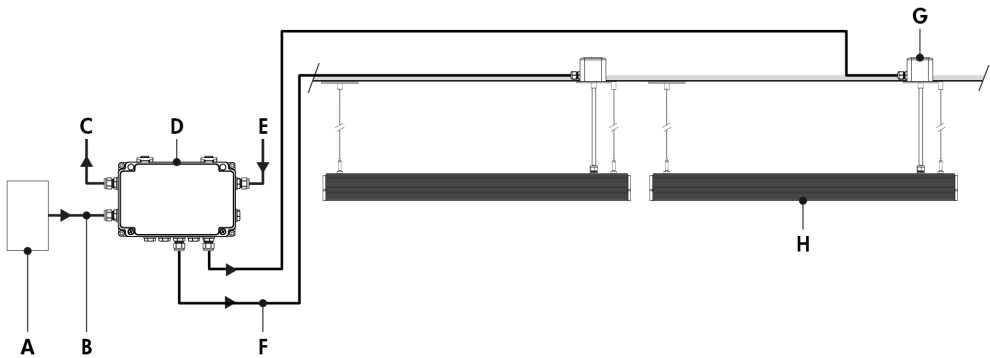
DALI Dimming (DALI) - Wiring Detail



- 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-nuts (by others)
- J - From DALI controller (by others)
- K - Junction box (by others)

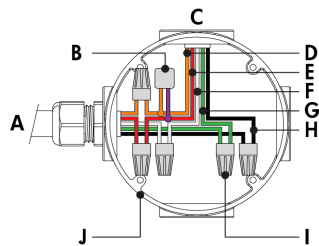
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- 1% minimum dimming value.
- ASHRAE version (not available for 12 in fixture lengths): 5 W/ft; Regular Output version: 8.5 W/ft; High Output version: 15.25 W/ft.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.

Star Layout (DMX/RDM)



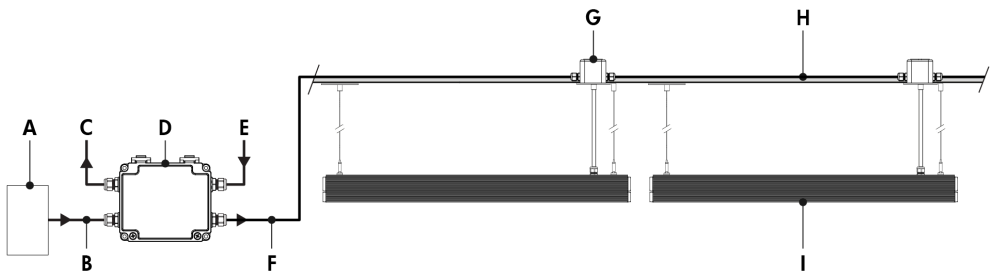
- A - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, not isolated/not boosted)
- D - CBX-ST
- E - Power input (120-277V, wiring by others)
- F - Power and data output to fixture (wiring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

Star Layout (DMX/RDM) - Wiring Detail



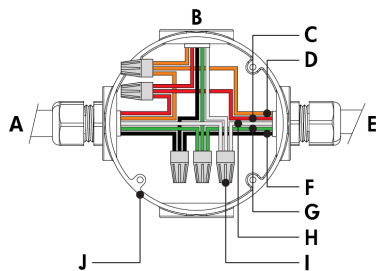
- A - From CBX
- B - Lumenterminator
- C - To fixture
- D - Data -
- E - Data +
- F - Neutral
- G - Ground
- H - Line
- I - Wire-nuts (by others)
- J - Junction box (by others)

Daisy Chain Layout (DMX/RDM)



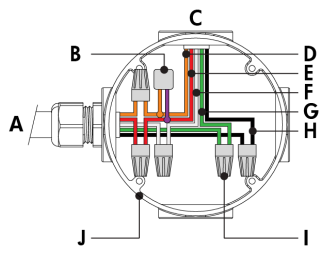
- A - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, not isolated/not boosted)
- D - CBX-DS
- E - Power input (120-277V, wiring by others)
- F - Power and data output to fixture (wiring 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 - Lumeterminator
- 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.
- Each fixture requires 1 DMX address.
- DMX terminator is required at the end of each run to maintain data integrity. Six (6x) DMX lumeterminators included per CBX-ST; two (2x) included per CBX-DS. See installation instructions for details.
- 1% minimum dimming value.
- ASHRAE version (not available for 12 in fixture lengths): 5 W/ft; Regular Output version: 8.5 W/ft; High Output version: 15.25 W/ft.

How to Order

Housing ⁽²⁾	Cable Length	Voltage ⁽³⁾	Length	Color and Color Temperature ⁽⁵⁾	Optic	Mounting Options ⁽⁶⁾	Finish	Control	Option
LOGP ASHRAE Lumenfacade™ Pendant, 5 W/ft ASHRAE compliant ⁽¹⁾ LOGP RO Lumenfacade™ Pendant, Regular Output, 8.5 W/ft LOGP HO Lumenfacade™ Pendant, High Output, 15.25 W/ft	10FT 10 ft	120 120 Volts	12 13 3/8 in (4.5 lbs) ⁽²⁾	22K 2200K	WW Asymmetric Wallwash	STEM1 Stem Mounting 1 ft	BK Black Sandtex®	NO On/Off Control	CRC Corrosion-Resistant Coating ⁽¹⁴⁾ ⁽¹⁷⁾
	20FT 20 ft	208 208 Volts	24 25 3/8 in (7 lbs)	27K 2700K	8x8 8° x 8° ⁽⁷⁾	STEM2 Stem Mounting 2 ft	BRZ Bronze Sandtex®	LT Lumentalk ⁽⁴⁾ ⁽¹³⁾ ⁽¹⁴⁾	CE CE (European certification) ⁽¹⁸⁾
	30FT 30 ft	220 220 Volts	36 37 3/8 in (10.5 lbs)	30K 3000K	10x10 10° x 10° ⁽⁷⁾	STEM4 Stem Mounting 4 ft	SI Silver Sandtex®	DIM 0-10V Dimming	
	50FT 50 ft	240 240 Volts	48 49 3/8 in (14 lbs)	35K 3500K	10x30 10° x 30°	ACC50 Aircraft Cable 50 in ⁽⁹⁾	WH Smooth White	DALI DALI Dimming	
	70FT 70 ft	277 277 Volts		40K 4000K	10x60 10° x 60°	ACC100 Aircraft Cable 100 in ⁽⁹⁾	CC Custom Color & Finish ⁽¹⁰⁾ ⁽¹¹⁾ ⁽¹²⁾	DMX/RDM DMX/RDM Enabled Dimming ⁽¹⁵⁾	
	100FT 100 ft			RD Red ⁽⁶⁾	10x90 10° x 90°				
				GR Green ⁽⁶⁾	15x25 15° x 25°				
				BL Blue ⁽⁶⁾	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. ASHRAE version not available for 12 in fixture lengths.

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

3. 347 volts available, consult factory for details.

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

5. Consult factory for availability of static Royal Blue, 6500K and 90+ CRI.

6. Static colors made to order 8-10 weeks.

7. For best results use with HO fixtures at a 6 in setback from surface. Contact factory for application support.

8. White standard finish for canopy.

9. Field adjustable, interior applications only.

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

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