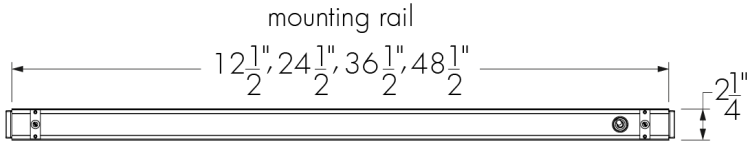


Project Name

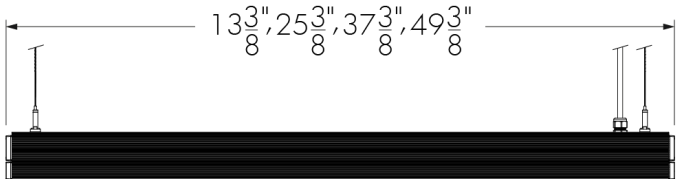
Qty

Type

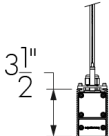
Catalog / Part Number



Top view



Shown with aircraft cable mounting option



Front and side views

Photometric Summary

	Delivered output (lm)	Intensity (peak cd)
WW	2,583	3,714
8°x8°	2,943	56,085
10°x10°	2,757	27,609
10°x30°	2,797	21,640
10°x60°	2,868	12,770
10°x90°	2,591	5,686
15°x25°	2,840	17,806
30°x30°	2,761	10,603
30°x60°	2,771	3,676
35°x35°	2,822	7,199
50°x80°	2,709	2,483
60°x60°	2,473	2,165
80°x80°	2,794	1,822
90°x90°	2,583	1,358

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

	Delivered output (lm)	Intensity (peak cd)	Power (W)	CCT* (K)
Dim to Warm via 0-10V DIM/DTW				
Dim to Warm via DMX/RDM Single channel control (DMX/RDM1)				
DWW	2,309	10,281	50	2,700
DMX/RDM 3-channel control (DMX/RDM)				
DWW	2,428	10,810	61	4,000
DWH	2,868	12,770	61	2,600

Based on 4ft [1219mm], 10°x60° configuration.
*Tested at full output.

Description

The Lumenfacade Pendant Dynamic White is a high-performance, linear LED luminaire that can be suspended for general illumination of public spaces, transit areas and other outdoor environments. A special feature allows the selection of any color temperature from 2200K to 3000K or 2700K to 6500K, warming or cooling the light in response to the time of day. Available in 12 in, 24 in, 36 in or 48 in sections, the luminaire is configurable with a number of options including: optics for grazing or floodlighting; various mounting options, finishes, accessories and controls. A unique asymmetric wallwash distribution is also available, providing exceptional uniformity and brightness for walls and signage.

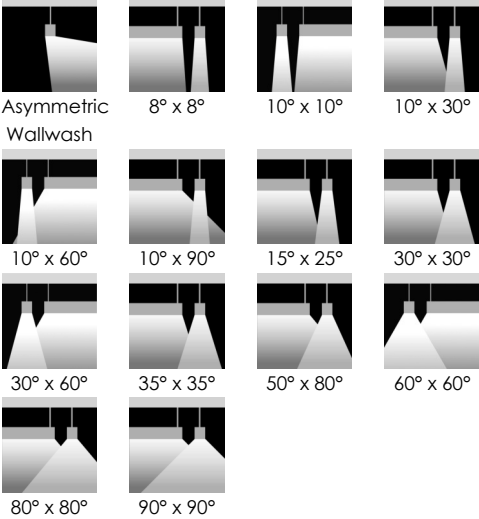
Features

Color and Color Temperature	Dynamic Warm White (2200K to 3000K), Dynamic White (2700K to 6500K)
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

Illuminance at Distance	Minimum 1 fc at 113 ft (48 in fixture, DWH full output, 10° x 60°, DMX/RDM)
Lumen Maintenance	L70 280,000 hrs L95 35,000 hrs

Optic



Color and Color Temperature



Control



Ratings

IP66 IK07*
*asymmetric wallwash lens is IK06 rated

Lumencycle™ Program



Certifications



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 (DIM/DTW, DMX/RDM1, DMX/RDM control)
Control	Lumentalk, Dim to Warm via 0-10V (2700K to 2200K), Dim to Warm via Single-Channel DMX/RDM (2700K to 2200K), DMX/RDM Enabled 3-Channel Color Temperature Control, 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
Dynamic Warm Color Temperature Mixing	12 LEDs per 12 in (4x 2200K, 4x 2700K, 4x 3000K)
Dynamic White Color Temperature Mixing	12 LEDs per 12 in (4x 2700K, 4x 4000K, 4x 6500K)

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	Lumentone™ 2 (LTN2), Pharos® Designer Lighting Control Kit (PHAROS)
Diagnostic and Addressing Tools	LumenID (LID), LumentalkID (LIDLT)

Important

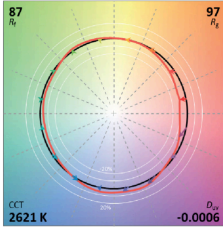
Virtual Patent Marking Notice

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.

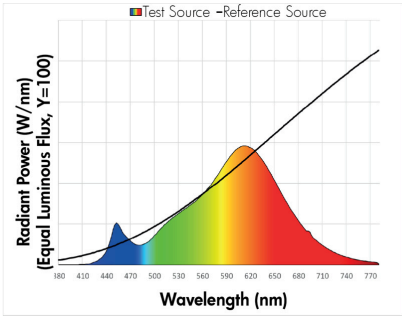
Chromaticity Data

TM-30 - DWW

CCT	CIE	TM-30
DWW	R _a	86
Full Output	R _g	26
	R _t	87
	R _g	97

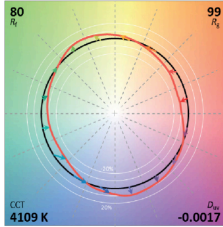


DWW Spectral Power Distribution

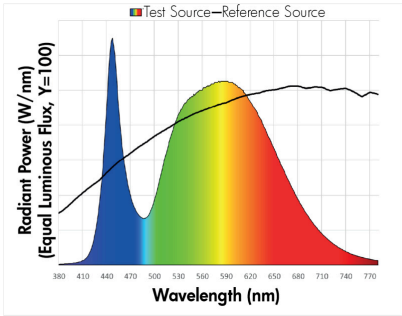


TM-30 - DWH

CCT	CIE	TM-30
DWH	R _a	81
Full Output	R _g	22
	R _t	80
	R _g	99

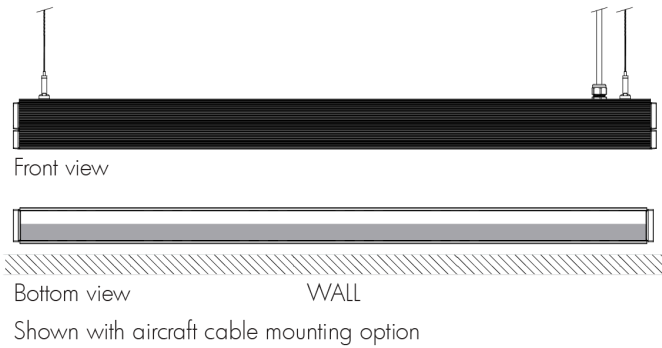


DWH Spectral Power Distribution



Asymmetric Wallwash Optic Details

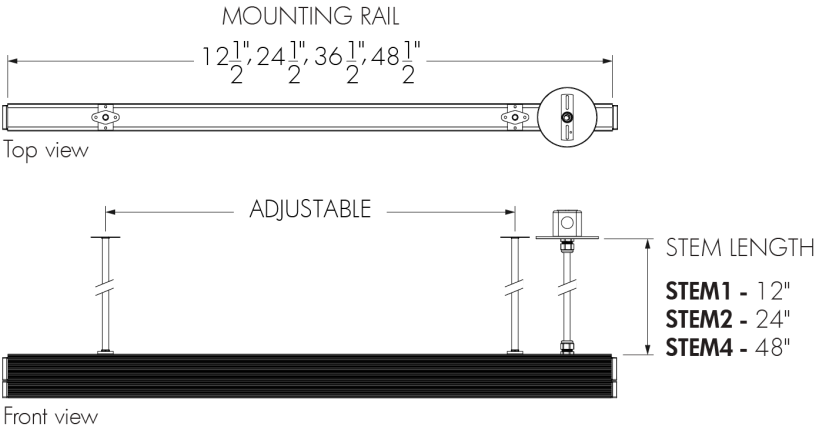
WW - Asymmetric Wallwash



- 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.

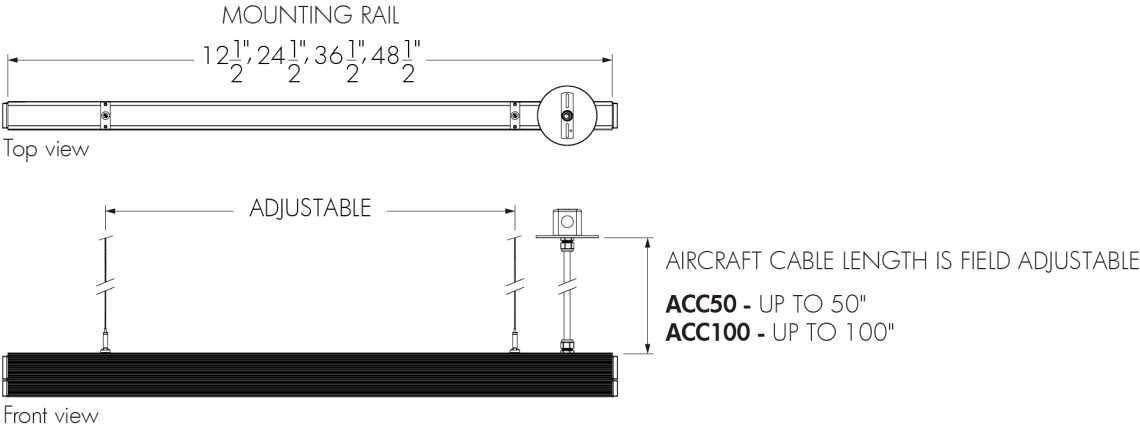
Mounting Options

STEM1, STEM2, STEM4 - Stem Mounting



Not suitable when fixture is exposed to wind.

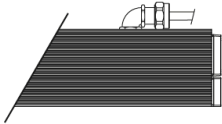
ACC50, ACC100 - Aircraft Cable Mounting



For interior applications only.

Option

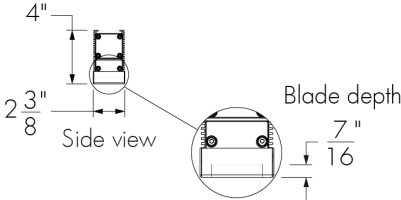
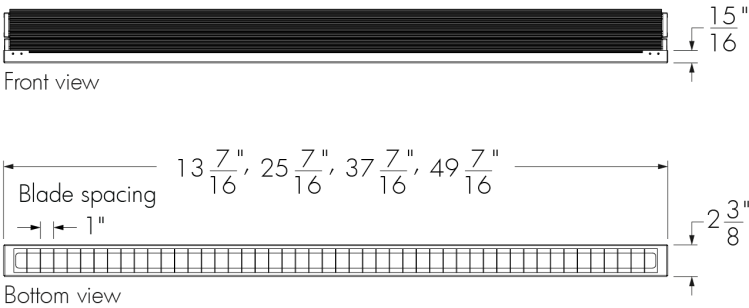
A - 90° Angle Cord Output (Top Feed)



Consult factory for availability.

Optical Accessories (Order Separately)

LOGRD - Radial Louver For Lumenfacade



LOGRD-LENGTH-FINISH-OPTIONS

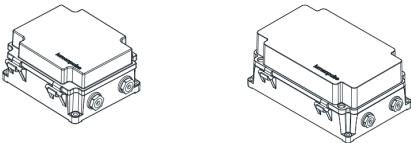
Please specify:

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.

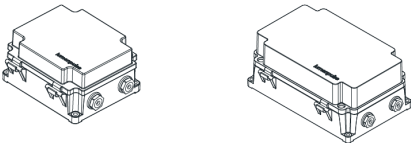
Control Boxes (Order Separately)

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



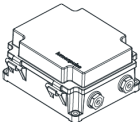
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for Daisy Chain configuration, 6x for Star configuration), consult factory to order spares.

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

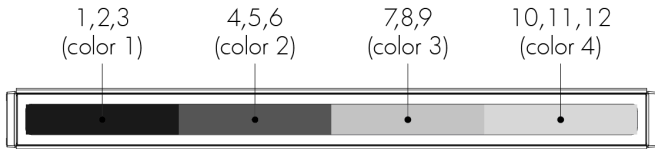


LumenID is a diagnostic and addressing DMX/RDM tool. It must be specified on all DMX applications. Consult LID specification sheet for details.

Resolution Details

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

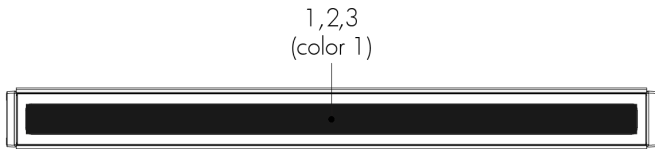
DMX Addresses:



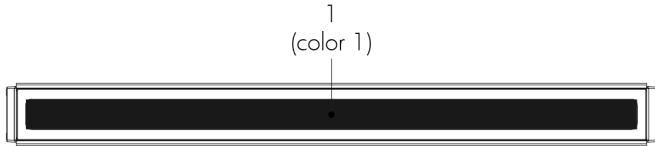
DMX/RDM control option

Resolution Per Fixture: Each Fixture Is Addressed Independently

DMX Addresses:



DMX/RDM control option



DMX/RDM1 control option

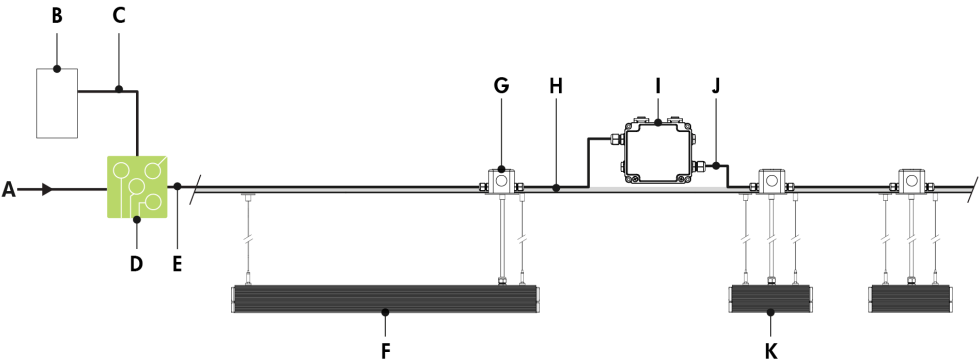
- 48 in fixtures shown.
- Applicable for DMX/RDM and DMX/RDM1 control options only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Typical Wiring Diagrams

Wiring Color Code

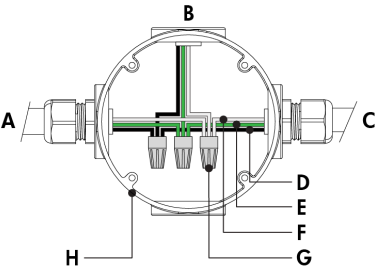
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -

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

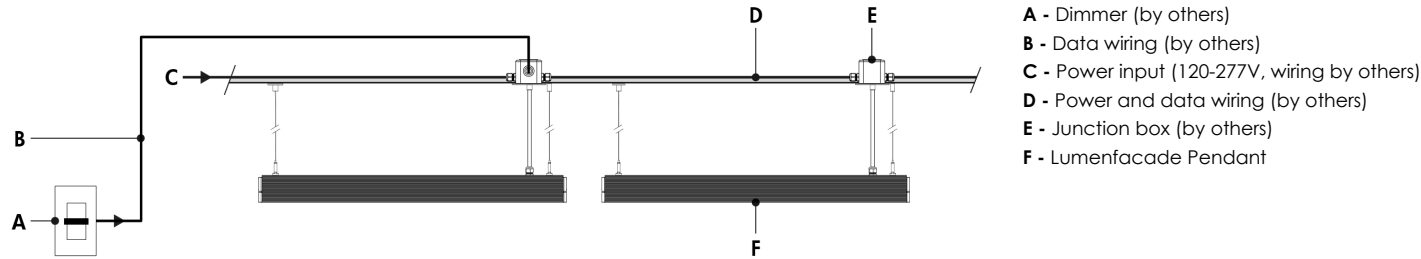


- A - Power input (control over power line via Lumentalk system) or from previous fixture
- B - To fixture
- C - To Lumentalk Data Bridge (for run lengths with 12 in fixtures)
- D - Line
- E - Ground
- F - Line/Neutral
- G - Wire-nuts (by others)
- H - Junction box (by others)

- 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.

Dim to Warm Via 0-10V (DIM/DTW*)

*Available For DWW Version Only, 2700K to 2200K



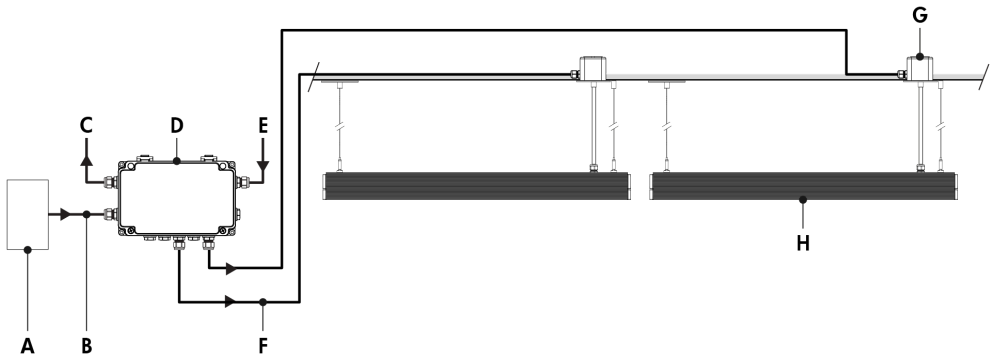
Dim to Warm Via 0-10V (DIM/DTW) - Wiring Detail



- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 0-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 17.25 W/ft.

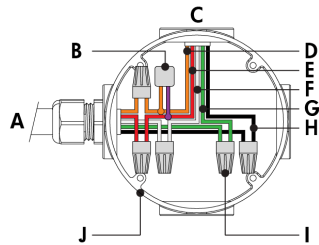
Star Layout (Dim to Warm Via DMX/RDM1* or 3-Channel DMX/RDM)

*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 (120-277V, wiring by others)
- F - Power and data output to fixture (wiring by others)
- G - Junction box (by others)
- H - Lumenfacade Pendant

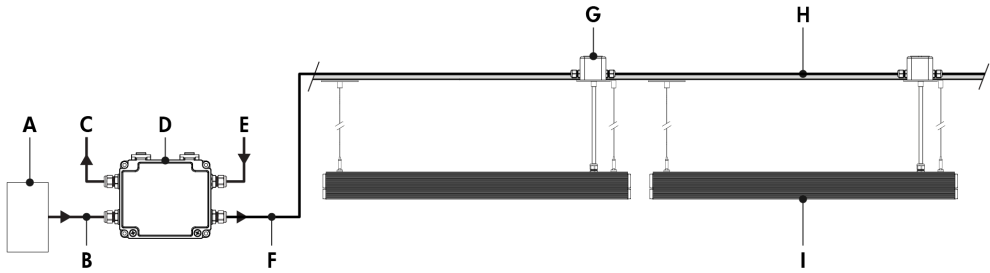
Star Layout (DMX/RDM1 or DMX/RDM) - Wiring Detail



- 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)

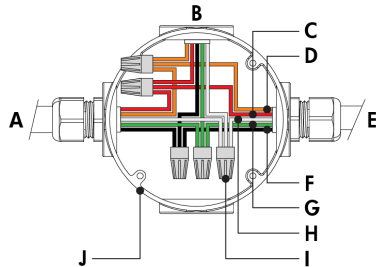
Daisy Chain Layout (Dim to Warm Via DMX/RDM1* or 3-Channel DMX/RDM)

*Available for DWW Version Only, 2700K To 2200K



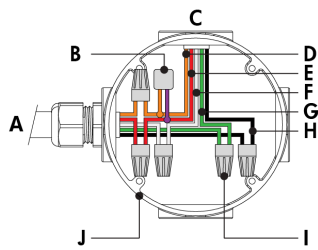
- A - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, not isolated/not boosted)
- D - CBX-DS
- E - Power input (120-277V, wiring by others)
- F - Power and data output to fixture (wiring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

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



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

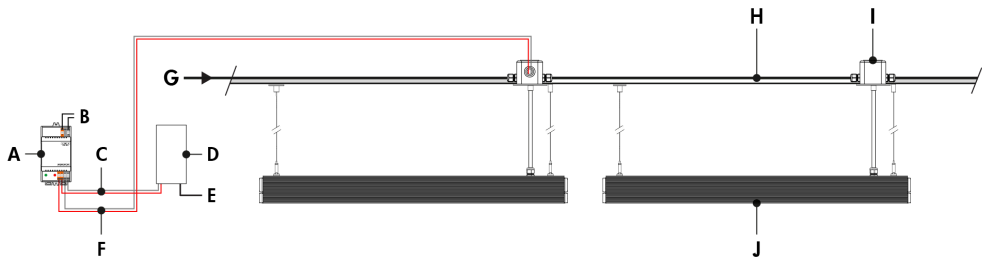
Maximum Run Length

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

Based on 15A maximum.

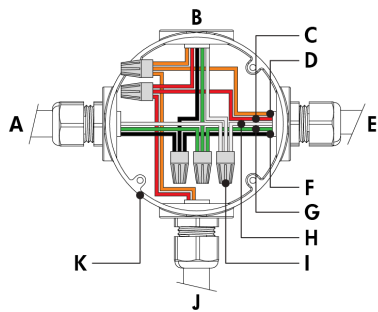
- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations. Maximum run length calculations are typically based on 48 in fixtures.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled 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.
- 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 lumens terminators 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 ⁽⁵⁾	Finish	Control	Option
LOGP Lumenfacade™ Pendant	10FT 10 ft	120 120 Volts	12 13 3/8 in (4.5 lbs) ⁽¹⁾ ⁽³⁾	DWW Dynamic Warm White (2200K to 3000K) DWH Dynamic White (2700K to 6500K)	WW Asymmetric Wallwash	STEM1 Stem Mounting 1 ft	BK Black Sandtex®	LT Lumentalk ⁽³⁾ ⁽¹⁰⁾ ⁽¹¹⁾	CRC Corrosion-Resistant Coating ⁽¹³⁾ ⁽¹⁴⁾ CE CE (European certification) ⁽¹⁷⁾
	20FT 20 ft	208 208 Volts	24 25 3/8 in (7 lbs)		8x8 8° x 8° ⁽⁴⁾	STEM2 Stem Mounting 2 ft	BRZ Bronze Sandtex®	DIM/DTW Dim to Warm via 0-10V (2700K to 2200K) ⁽¹²⁾	
	30FT 30 ft	220 220 Volts	36 37 3/8 in (10.5 lbs)		10x10 10° x 10° ⁽⁴⁾	STEM4 Stem Mounting 4 ft	SI Silver Sandtex®	DMX/RDM1 Dim to Warm via Single- Channel DMX/RDM (2700K to 2200K) ⁽¹²⁾ ⁽¹³⁾	
	50FT 50 ft	240 240 Volts	48 49 3/8 in (14 lbs)		10x30 10° x 30°	ACC50 Aircraft Cable 50 in ⁽⁶⁾	WH Smooth White	DMX/RDM 3-Channel Color Temperature Control via DMX/RDM ⁽¹³⁾	
	70FT 70 ft	277 277 Volts			10x60 10° x 60°	ACC100 Aircraft Cable 100 in ⁽⁶⁾	CC Custom Color & Finish ⁽⁷⁾ ⁽⁸⁾ ⁽⁹⁾	DALIT8 DALI 2 T8 Enabled Dimming 0.1% ⁽¹⁴⁾	
	100FT 100 ft				10x90 10° x 90°				
					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. For best results, we recommend a 6 in setback from surface. Contact factory for application support.

5. White standard finish for canopy.

6. Field adjustable, interior applications only.

7. 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.

8. Setup charges apply for RAL colors. Consult factory for details.
9. Longer lead times can be expected for custom RAL color finishes.

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

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

12. Available for DWW color temperature option only.

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.