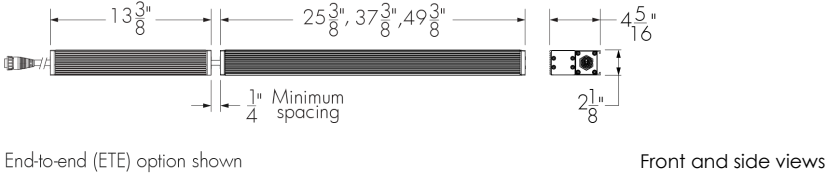
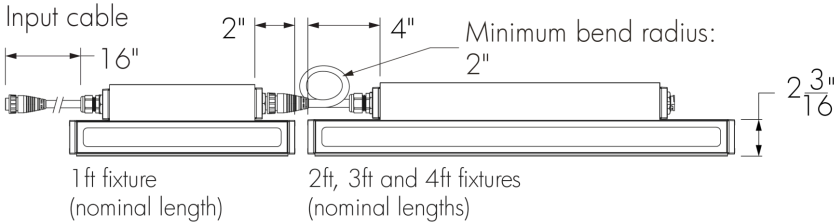


Project Name

Qty

Type

Catalog / Part Number



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.

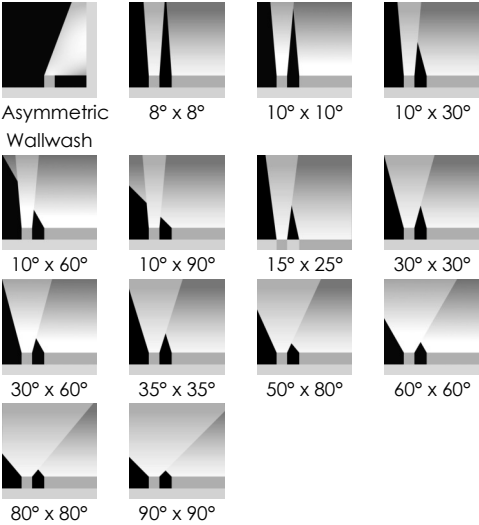
Description

The Lumenfacade Horizontal Dynamic White is a low-profile, linear LED luminaire for grazing or floodlighting - with a special feature allowing the selection of any color temperature from 2200K to 3000K or 2700K to 6500K. A slim, 2 in profile conceals wiring and mounting details, making it easy to integrate into architectural facades. Featuring second generation LED technology, the luminaire is available in 12 in, 24 in, 36 in or 48 in sections, and offers a choice of optics grazing or flood lighting; 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	End-to-end configuration (factory installed 16 in black input cable included) Corrosion-Resistant Coating for Hostile Environments 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications 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)

Optics



Color and Color Temperature



Control



Ratings

IP66 IK07*
*asymmetric wallwash lens is IK06 rated

Lumencycle™ Program



Certifications



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, End-to-end option (ETE): 16 in black input cable (no jumper cable needed for minimum spacing between two fixtures)
Leader Cable Conductor	5C #16-5
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 Horizontal Radial Louver
Cables	Leader cable (standard), Jumper cable (standard), Leader cable (ETE), Jumper cable (ETE)

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

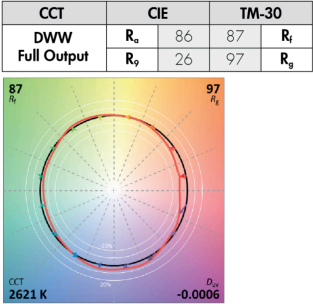
Important

Virtual Patent Marking Notice

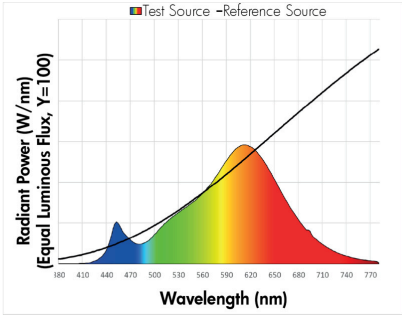
This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Chromaticity Data

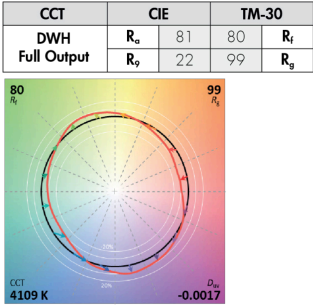
TM-30 - DWW



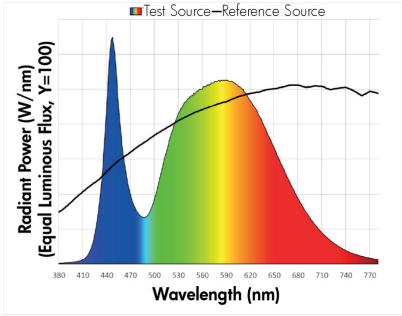
DWW Spectral Power Distribution



TM-30 - DWH

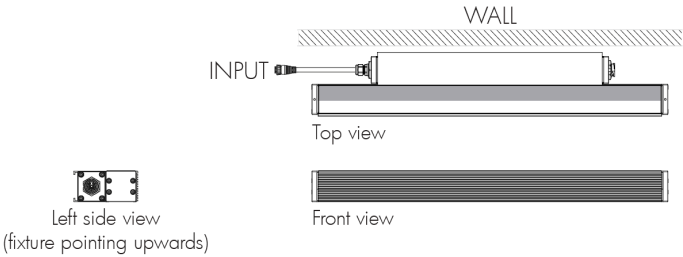


DWH Spectral Power Distribution

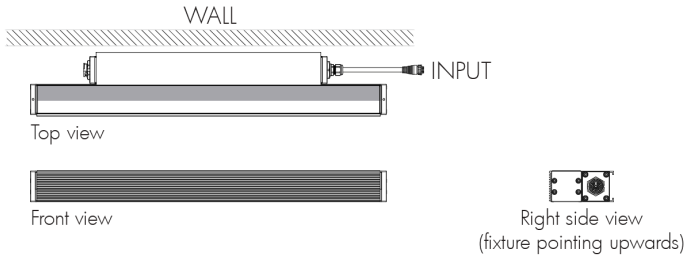


Asymmetric Wallwash Optic Details

WW-LF - Asymmetric Wallwash Optic, Left Feeding Side



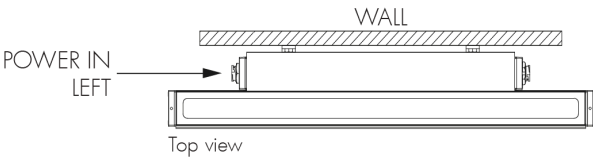
WW-RF - Asymmetric Wallwash Optic, Right Feeding Side



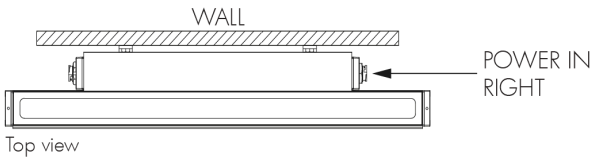
- Always position frosted side toward the wall.
- Fixture's feeding side is based on uplight installations. Feeding sides are reversed when fixture is used in a downlight application.
- Recommended setback from wall is 1/10 of the wall height. Example: 2 ft setback for a 20 ft wall.

Feeding Side

LF - Left Feeding Side



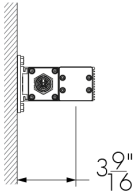
RF - Right Feeding Side



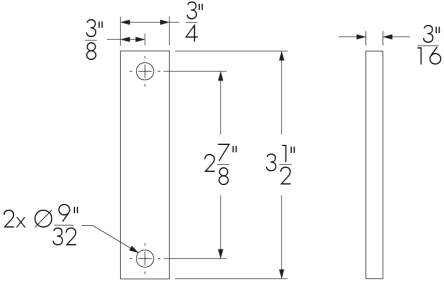
Fixture's feeding side is based on uplight installations. Feeding sides are reversed when fixture is used in a downlight application.

Mounting Options

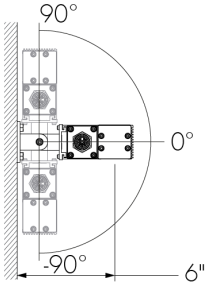
UMP - Fixed Mounting



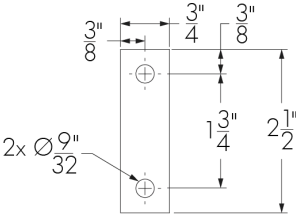
UMP - Mounting Hole Pattern



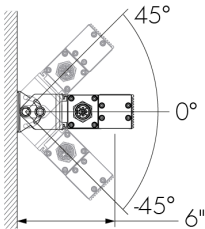
UMAS - Universal Adjustable Mounting



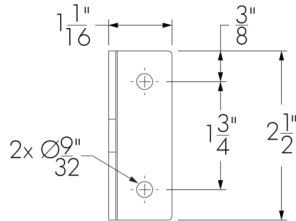
UMAS - Mounting Hole Pattern



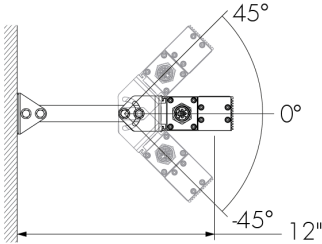
WAMH6 - Adjustable Extended Arm Mounting 6 in Horizontal Version



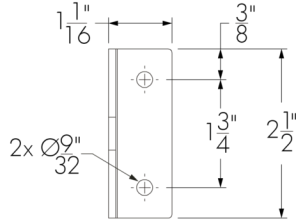
WAMH6 - Mounting Hole Pattern



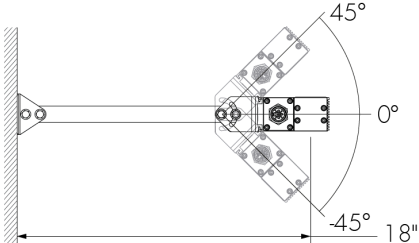
WAMH12 - Adjustable Extended Arm Mounting 12 in Horizontal version



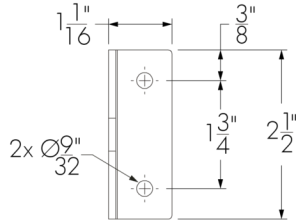
WAMH12 - Mounting Hole Pattern



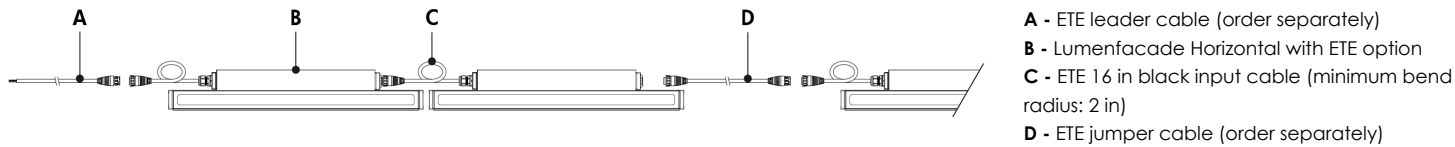
WAMH18 - Adjustable Extended Arm Mounting 18 in Horizontal Version



WAMH18 - Mounting Hole Pattern



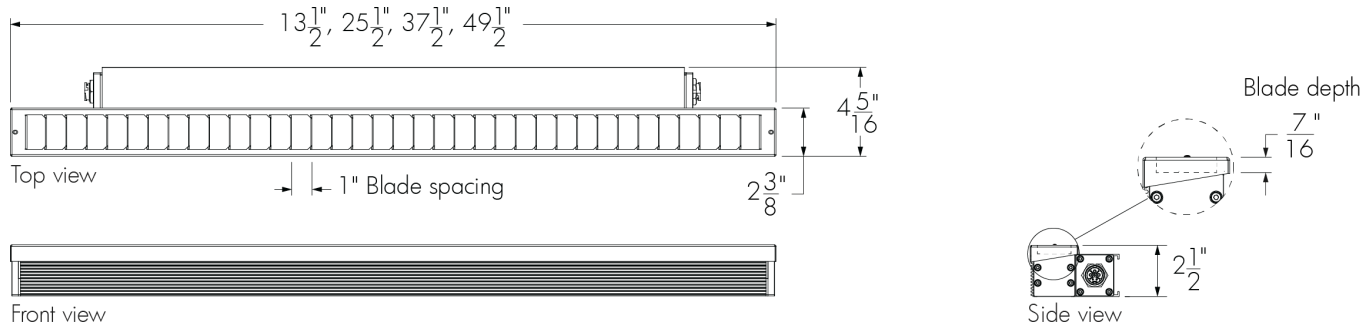
End-to-end Configuration Option (ETE)



Includes a factory installed 16 in black input cable. A jumper cable is not required for minimum spacing between two end-to-end (ETE) fixtures. An ETE jumper cable is required only if a longer distance between two adjacent ETE fixtures is needed, or to connect two continuous runs of ETE fixtures together.

Optical Accessories (Order Separately)

LOGHRD - Radial Louver For Lumenfacade Horizontal



LOGHRD-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.
 - Two mounting screws included.

EPA Guide

Fixture

	LOGH 12 in	LOGH 24 in	LOGH 36 in	LOGH 48 in
EPA front (sq ft) 	0.215	0.427	0.639	0.860
EPA side (sq ft) 	0.045	0.046	0.050	0.053

Fixture With Radial Louver Accessory

	LOGH 12 in	LOGH 24 in	LOGH 36 in	LOGH 48 in
EPA front (sq ft) 	0.262	0.543	0.819	1.100
EPA side (sq ft) 	0.058	0.062	0.067	0.068

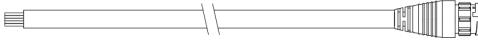
Cables (Order Separately)

LOGLC - Leader Cable For Lumenfacade



Standard construction

LOGLC-**CERTIFICATION**-STD-**LENGTH**-**CABLE COLOR**



End-to-end (ETE) option

LOGLC-**CERTIFICATION**-ETE-**LENGTH**-**CABLE COLOR**

Please specify:

CERTIFICATION: UL or CE; **LENGTH:** 10 ft, 25 ft, 50 ft, 100 ft, 150 ft or 200 ft; **CABLE COLOR:** black or white (connectors are black as standard; ETE fixture input cables are black as standard)

- Suitable for dimming/data and non-dimming applications.
- Sealing end cap is mandatory for any unused connector. One (1) included with every leader cable.
- Consult Lumenfacade leader cable specification sheet for details.

LOGJC - Jumper Cable For Lumenfacade



Standard construction

LOGJC-**CERTIFICATION**-STD-**LENGTH**-**CABLE COLOR**



End-to-end (ETE) option

LOGJC-**CERTIFICATION**-ETE-**LENGTH**-**CABLE COLOR**

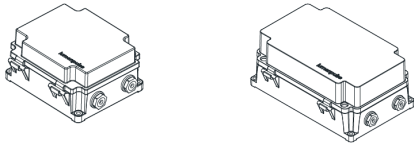
Please specify:

CERTIFICATION: UL or CE; **LENGTH:** 1 ft (available for ETE option only), 2 ft to 30 ft (available in 1 ft increments) or 50 ft; **CABLE COLOR:** black or white (connectors are black as standard; ETE fixture input cables are black as standard)

- Suitable for dimming/data and non-dimming applications.
- Consult Lumenfacade jumper cable specification sheet for details.

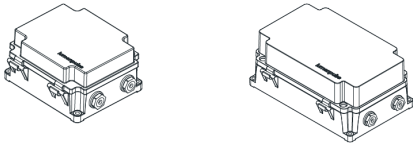
Control Boxes (Order Separately)

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



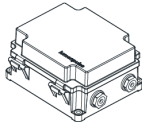
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for Daisy Chain configuration, 6x for Star configuration), consult factory to order spares.

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.

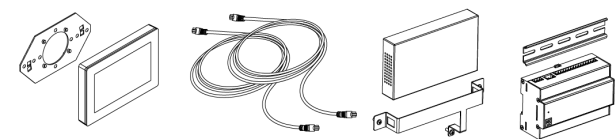
LDB - Lumentalk Data Bridge



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

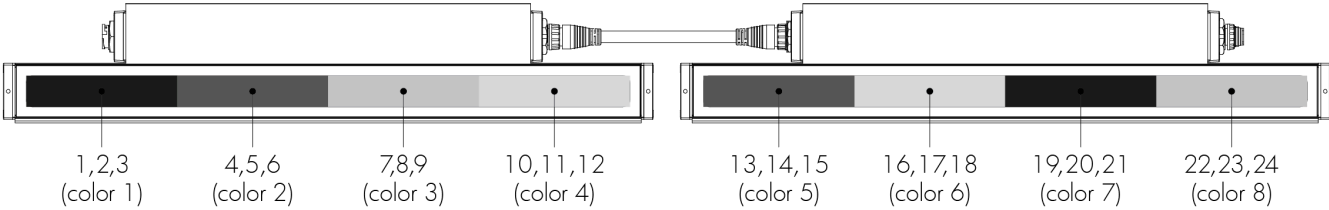


LumenID is a diagnostic and addressing DMX/RDM tool. It must be specified on all DMX applications. Consult LID specification sheet for details.

Resolution Details

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

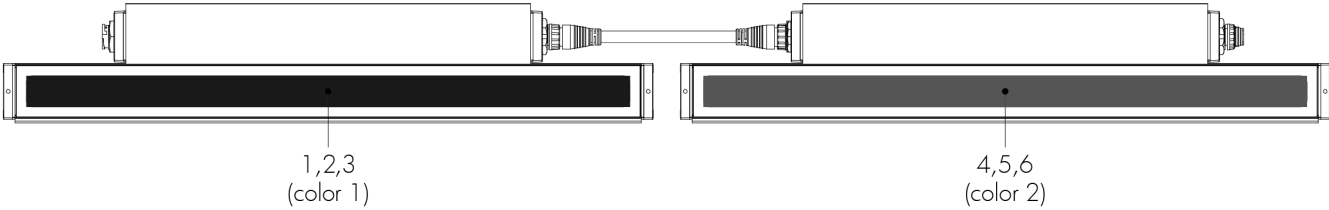
DMX Addresses:



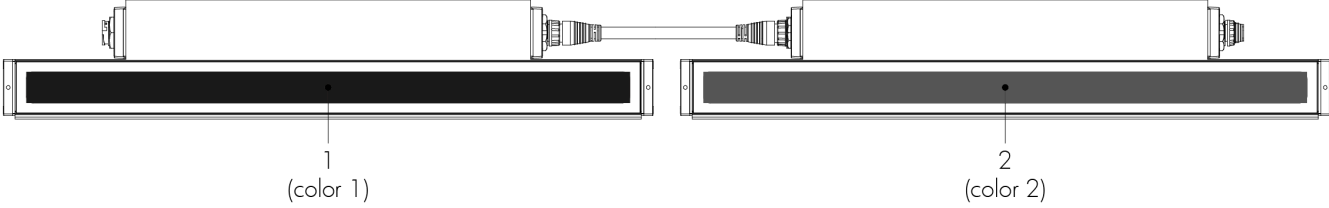
DMX/RDM control option

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

DMX Addresses:



DMX/RDM control option



DMX/RDM1 control option

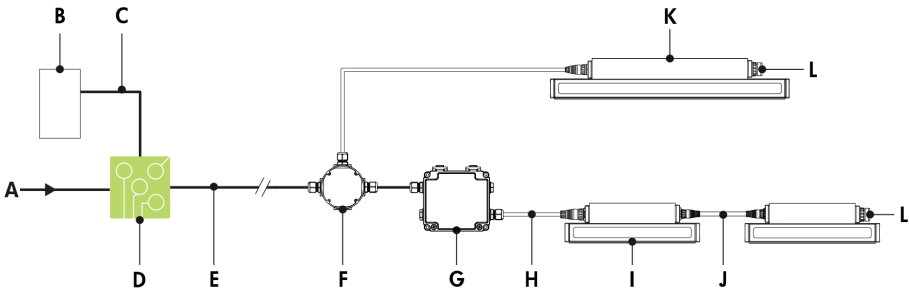
- 48 in fixtures shown.
- Applicable for DMX/RDM and DMX/RDM1 control options only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Typical Wiring Diagrams

Wiring Color Code

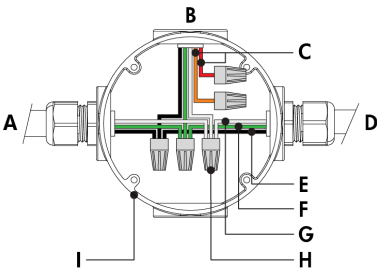
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -

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 - Junction box (by others)
- G - Lumentalk Data Bridge (LDB-DMX)
- H - Leader cable (LOGLC)
- I - Lumenfacade Horizontal 12 in
- J - Jumper cable (LOGJC)
- K - Lumenfacade Horizontal (24 in, 36 in or 48 in fixture lengths)
- L - Sealing end cap

Lumentalk (LT) - Wiring Detail

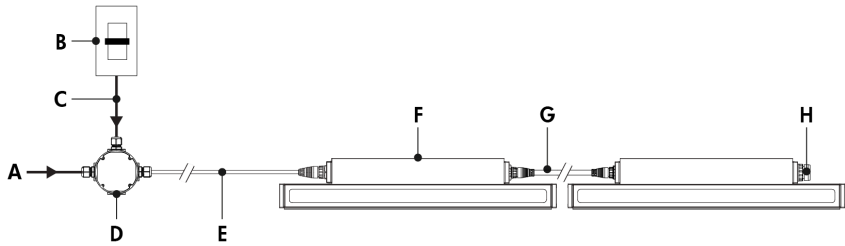


- A - Power input (control over power line via Lumentalk system)
- B - To fixture
- C - Not required
- D - To Lumentalk Data Bridge (for run lengths with 12 in fixtures)
- E - Line
- F - Ground
- G - Line/Neutral
- H - Wire-nuts (by others)
- I - Junction box (by others)

- 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.

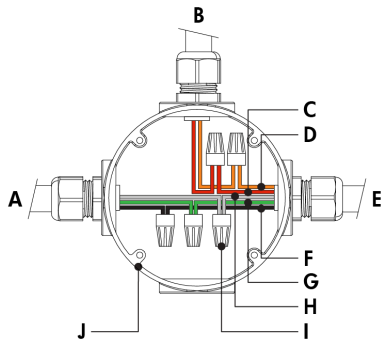
Dim to Warm Via 0-10V (DIM/DTW*)

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



- A - Power input (120-277V, wiring by others)
- B - Dimmer (by others)
- C - Data wiring (by others)
- D - Junction box (by others)
- E - Leader cable (LOGLC)
- F - Lumenfacade Horizontal
- G - Jumper cable (LOGJC)
- H - Sealing end cap

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

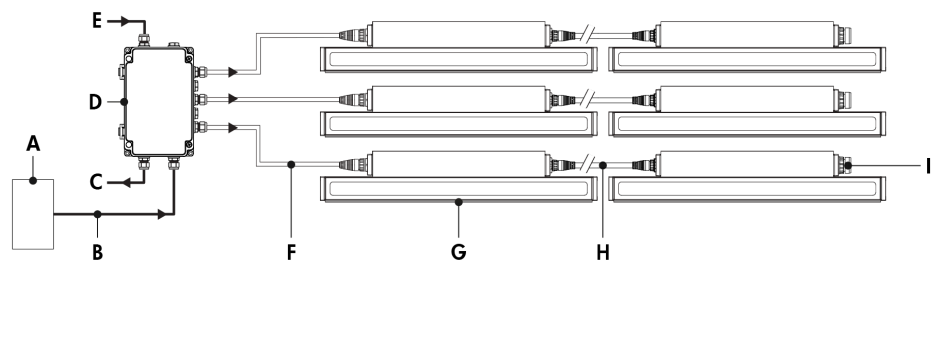


- A - Power input
- B - From dimmer (by others)
- C - 0-10 V +
- D - 0-10 V -
- E - To fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nuts (by others)
- J - Junction box (by others)

- 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)

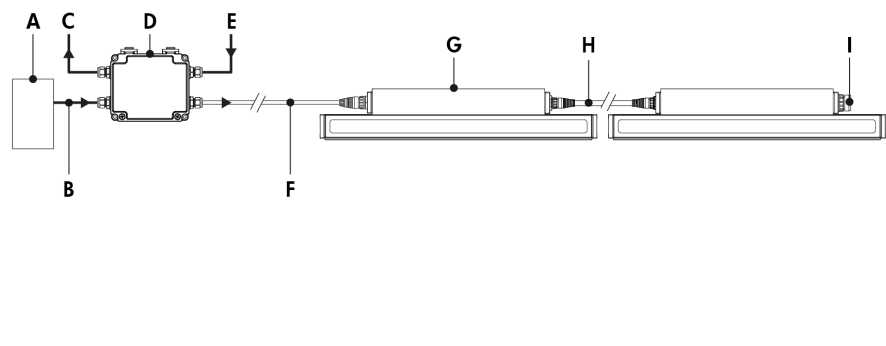
*Available For DWW Version Only, 2700K To 2200K



- 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 - Leader cable (LOGLC)
- G - Lumenfacade Horizontal
- H - Jumper cable (LOGJC)
- I - Sealing end cap

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 - Leader cable (LOGLC)
- G - Lumenfacade Horizontal
- H - Jumper cable (LOGJC)
- I - Sealing end cap

Maximum Run of Fixtures, Lumenfacade® LOGH Dynamic White 17.25 W/ft

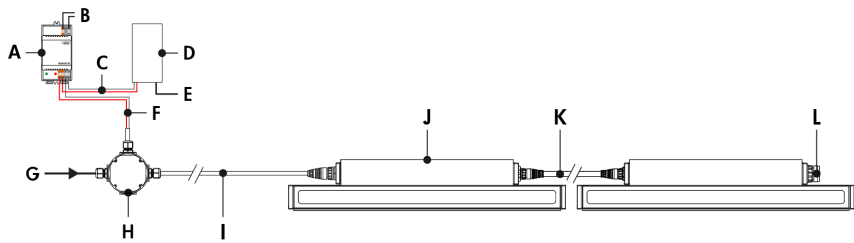
Voltage	120V	240V	277V
Maximum Run of Fixtures*	68ft	80ft	88ft

Based on 15A maximum, 50ft leader cable.
*Example: 120V = 68ft maximum run of end to end fixtures (17 fixtures maximum for 4ft LOGH).

Based on 15A maximum, 50 ft leader cable.

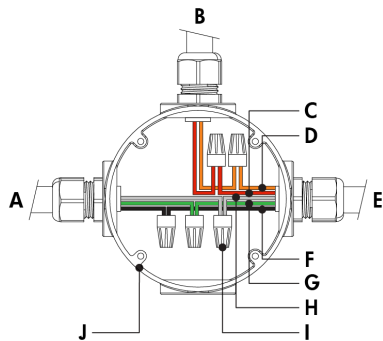
- Consult CBX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations. Maximum run length calculations are typically based on 48 in fixtures.
- The DMX/RDM protocol states a maximum of 32 DMX/RDM enabled 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.
- 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 - Junction box (by others)
- I - Leader cable (LOGLC)
- J - Lumenfacade Horizontal
- K - Jumper cable (LOGJC)
- L - Sealing end cap

DALI 2 T8 (DALIT8) - Wiring Detail



- A - Power input
- B - From DALI controller (by others)
- C - DA +
- D - DA -
- E - To fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nuts (by others)
- J - 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⁾	Voltage ⁽²⁾	Length	Color and Color Temperature	Optic	Feeding Side	Mounting Options	Finish	Control	Option	Buy American Act
LOGH Lumenfacade™ Horizontal	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	LF Left Feeding Side	UMP Fixed Mounting ⁽⁵⁾	BK Black Sandtex®	LT Lumentalk ⁽³⁾ ⁽⁹⁾ ⁽¹⁰⁾	ETE End-to-end configuration	BAA Buy American ⁽¹⁸⁾ ⁽¹⁹⁾
	208 208 Volts	24 25 3/8 in (7 lbs)		8x8 8° x 8° ⁽⁴⁾	RF Right Feeding Side	UMAS Universal Adjustable Mounting ⁽⁵⁾	BRZ Bronze Sandtex®	DIM/DTW Dim to Warm via 0-10V (2700K to 2200K) ⁽¹¹⁾	CRC Corrosion-Resistant Coating ⁽¹⁴⁾ ⁽¹⁵⁾	
	220 220 Volts	36 37 3/8 in (10.5 lbs)		10x10 10° x 10° ⁽⁴⁾		WAMH6 Adjustable Extended Arm Mounting 6 in Horizontal version	SI Silver Sandtex®	DMX/RDM1 Dim to Warm via Single-Channel DMX/RDM (2700K to 2200K) ⁽¹¹⁾ ⁽¹²⁾	3GV 3G ANSI C136.31-2010 Vibration Rating for Bridge Applications ⁽¹⁶⁾	
	240 240 Volts	48 49 3/8 in (14 lbs)		10x30 10° x 30°		WAMH12 Adjustable Extended Arm Mounting 12 in Horizontal version	WH Smooth White	DMX/RDM 3-Channel Color Temperature Control via DMX/RDM ⁽¹²⁾	CE CE (European certification) ⁽¹⁷⁾	
	277 277 Volts			10x60 10° x 60°		WAMH18 Adjustable Extended Arm Mounting 18 in Horizontal version	CC Custom Color & Finish ⁽⁶⁾ ⁽⁷⁾ ⁽⁸⁾	DALI8 DALI 2 T8 Enabled Dimming 0.1% ⁽¹³⁾		
				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. Suitable to use when 3GV option is specified.

6. 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.

7. Setup charges apply for RAL colors. Consult factory for details.

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

9. Available for 24 in, 36 in and 48 in fixture lengths only.
10. A Lumentranslator 2 (LTL2) and LumenID (LID) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.

11. Available for DWW color temperature option only.

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

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

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

15. Setup charges apply. Consult factory for details.

16. Available with UMP and UMAS mounting options only.

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

18. Not available with CE certification option.

19. Contact your Lumenpulse Sales Representative for more information on order volume details.