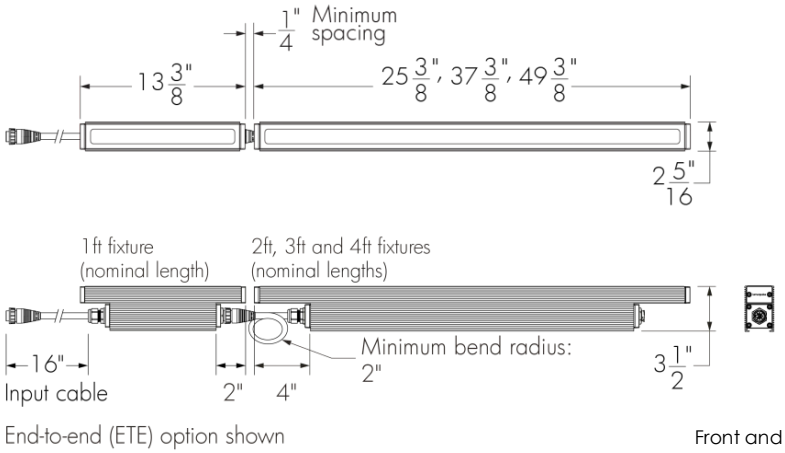
Project Name _____ **Qty** _____

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 Dynamic White is a high-performance linear LED luminaire for grazing or flood lighting, with a special feature that enables the selection of any color temperature from 2200K to 3000K or from 2700K to 6500K. 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: a choice of optics, 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)
Lumen Maintenance	L70 280,000 hrs L95 35,000 hrs

Physical

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°

Color and Color Temperature

Dynamic warm white (2200K to 3000K)

Dynamic white (2700K to 6500K)

Control

lumentalk DIM/DTW DMX/RDM1 DMX/RDM

DALI 2 T8

Ratings

IP66 IK07*

*asymmetric wallwash lens is IK06 rated

Certifications

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	100 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 control
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)

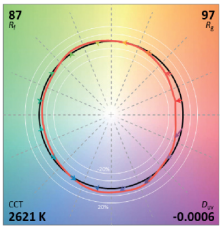
Accessories (order separately)

Optical Accessories	Lumenfacade Radial Louver
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	Lumentone™ 2 (LTN2), Pharos® kit (PHAROS)
Diagnostic and Addressing Tools	LumenID (LID), LumentalkID (LIDLT)

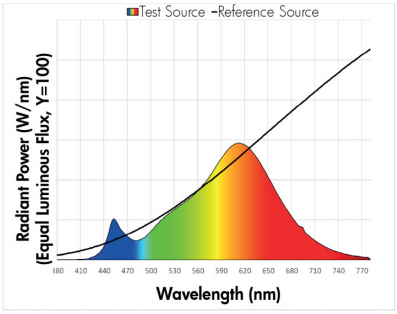
Chromaticity Data

TM-30 - DWW

CCT	CIE		TM-30	
DWW Full Output	R_a	86	87	R_f
	R_9	26	97	R_g

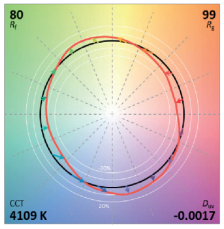


DWW Spectral Power Distribution

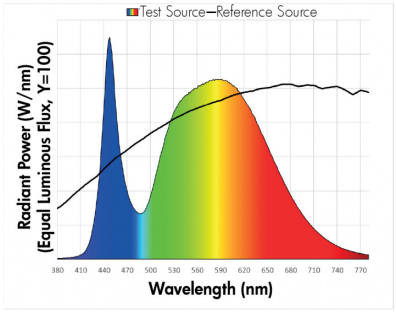


TM-30 - DWH

CCT	CIE		TM-30	
DWH Full Output	R_a	81	80	R_f
	R_9	22	99	R_g

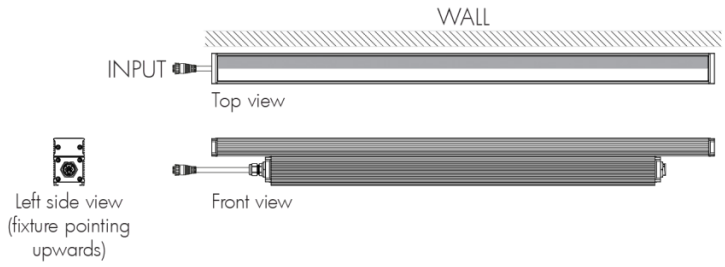


DWH Spectral Power Distribution

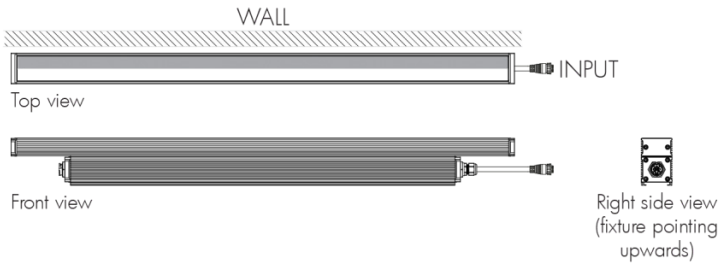


Asymmetric Wallwash Optic Details

WWLF - Asymmetric wallwash optic, left feed



WWRF - Asymmetric wallwash optic, right feed

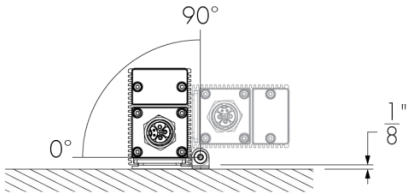


- Always position frosted side toward the wall.
- Fixture's feeding side is based on uplight installations. Feeding sides are reversed when fixture is used in a downlight application.
- Recommended setback from wall is 1/10 of the wall height. Example: 2 ft setback for a 20 ft wall.

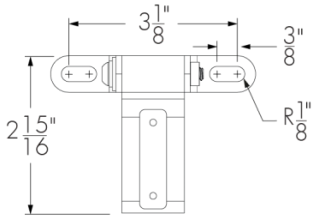
Mounting Options

Surface Mount

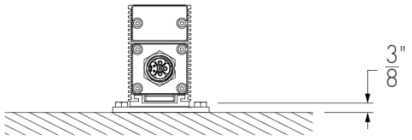
SAM - Slim Adjustable Mounting



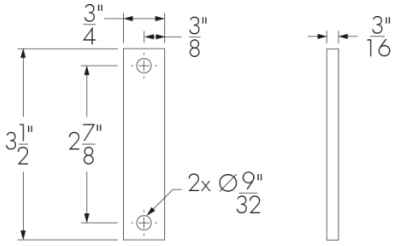
SAM - Mounting Hole Pattern



UMP - Fixed Mounting

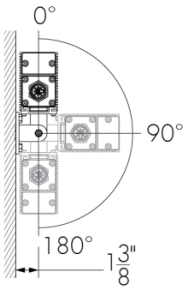


UMP - Mounting Hole Pattern

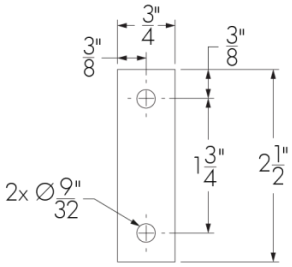


Wall Mount

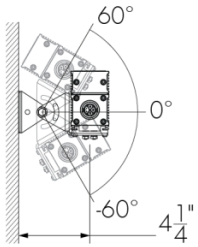
UMAS - Universal Adjustable Mounting



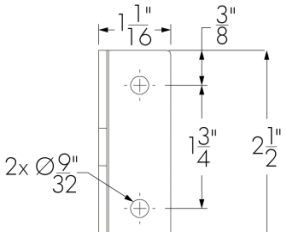
UMAS - Mounting Hole Pattern



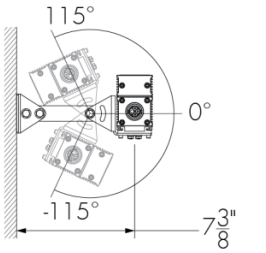
WAM2 - Adjustable Wall Mounting 2 in



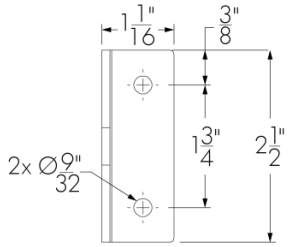
WAM2 - Mounting Hole Pattern



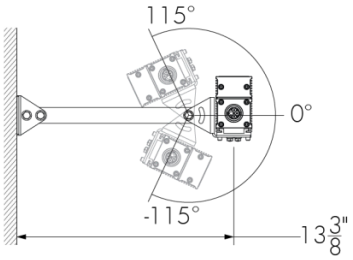
WAM6 - Adjustable Extended Arm Mounting 6 in



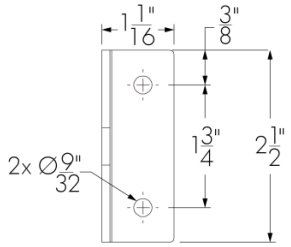
WAM6 - Mounting Hole Pattern



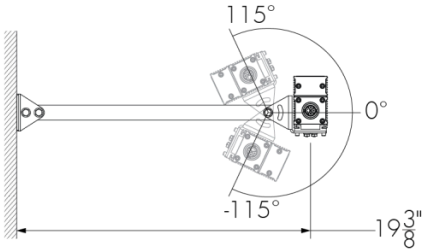
WAM12 - Adjustable Extended Arm Mounting 12 in



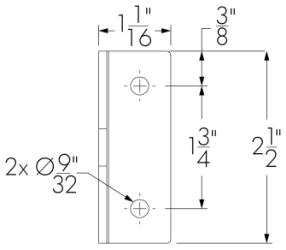
WAM12 - Mounting Hole Pattern



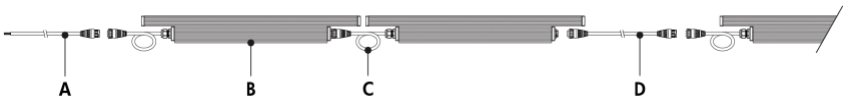
WAM18 - Adjustable Extended Arm Mounting 18 in



WAM18 - Mounting hole pattern



End-to-end configuration option (ETE)

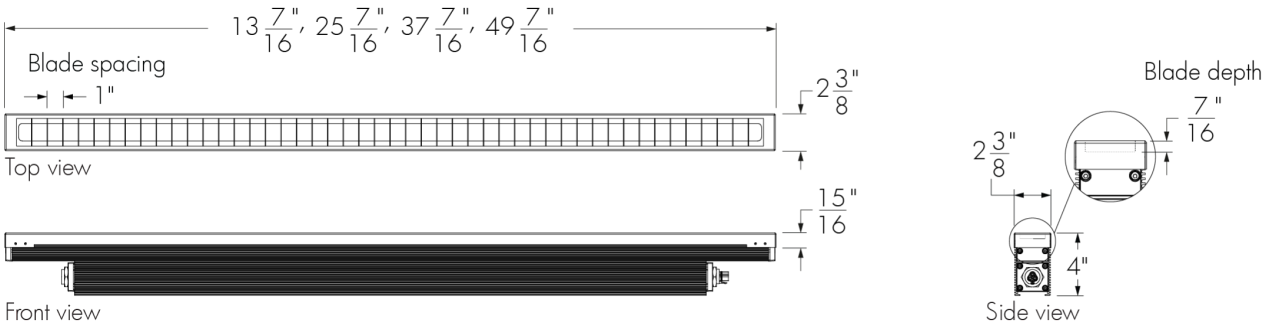


A - ETE leader cable (order separately)
B - Lumenfacade with ETE option
C - ETE 16 in black input cable (minimum bend radius: 2 in)
D - ETE jumper cable (order separately)

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)

LOGRD - Radial louver for Lumenfacade



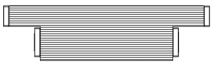
LOGRD-**LENGTH-FINISH-OPTIONS**

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.

EPA Guide

Fixture

	LOG 12 in	LOG 24 in	LOG 36 in	LOG 48 in
EPA front (sq ft) 	0.274	0.579	0.980	1.386
EPA side (sq ft) 	0.040	0.040	0.044	0.047

Fixture With Radial Louver Accessory

	LOG 12 in	LOG 24 in	LOG 36 in	LOG 48 in
EPA front (sq ft) 	0.322	0.656	1.137	1.720
EPA side (sq ft) 	0.045	0.047	0.052	0.055

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**

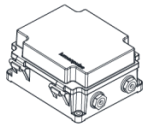
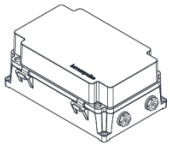
End-to-end (ETE) option
LOGJC-**CERTIFICATION**-ETE-**LENGTH**-**CABLE COLOR**

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.

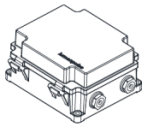
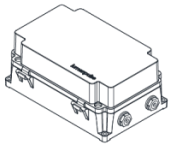
Control Boxes (Order Separately)

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

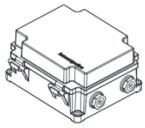
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for daisy chain configuration, 6x for star configuration), consult factory to order spares.

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



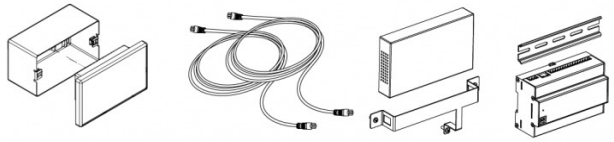
Lumentalk Data Bridge, 0-10V or DMX output. Consult LDB specification sheet for details.

Control Systems (Order Separately)

LTN2 - Lumentone™ 2

Lumentone 2 is a simple pre-programmed DMX 512 controller with a push button rotary dial and live feedback.

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.

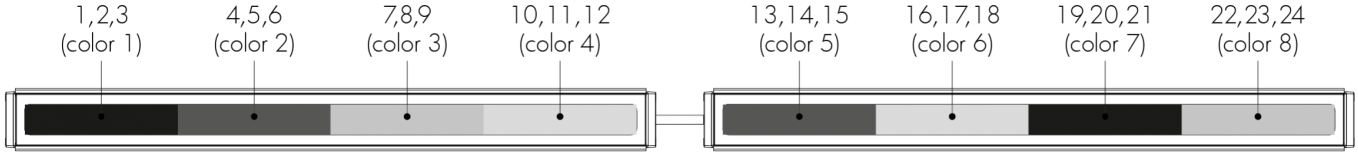
LID-LT - LumentalkID

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

1220 Marie-Victorin Blvd., Longueuil, QC, J4G 2H9, CA **T** United States 617.307.5700 | Canada 1.877.937.3003 | 514.937.3003 **F** 514.937.6289
info@lumenpulse.com **www.lumenpulse.com** **www.lumenpulse.com/products/2517**

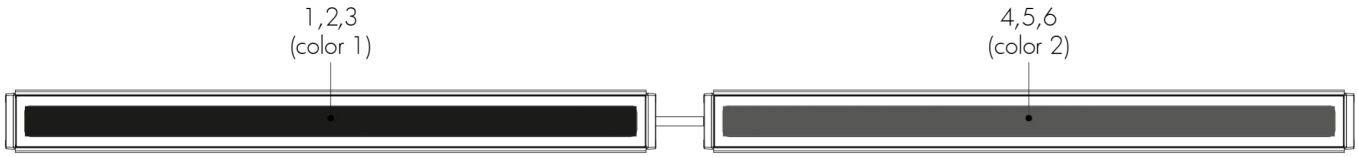
Resolution details

DMX/RDM control, resolution per foot: each 12 in section is addressed independently
DMX addresses:

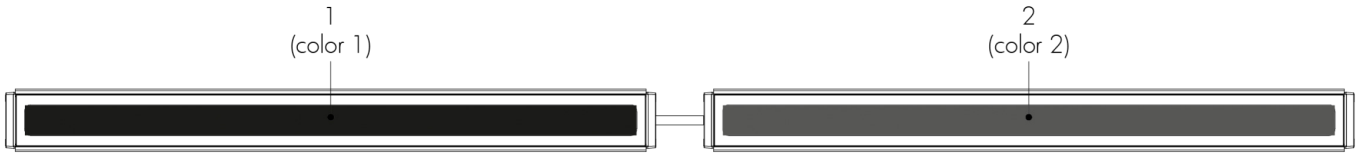


DMX/RDM control option

DMX/RDM control, resolution per fixture: each fixture is addressed independently
DMX addresses:



DMX/RDM control option



DMX/RDM1 control option

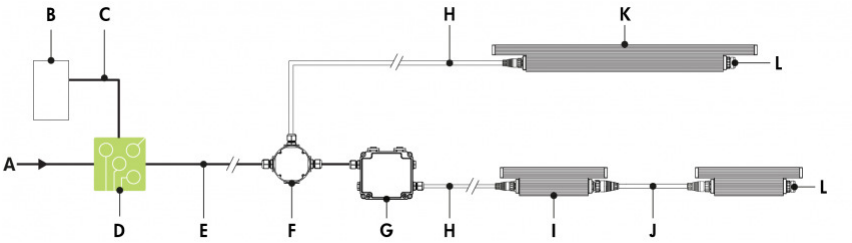
- 48 in fixtures shown.
- Applicable for DMX/RDM and DMX/RDM1 control options only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Typical Wiring Diagrams

Wiring Color Code

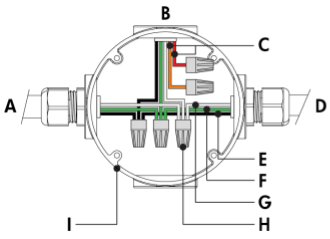
UL Color Code	USE
Green	Ground
Black	Line
White	Line/Neutral
Red or Purple	0-10V / Data +
Orange	0-10V / Data -

Lumentalk (LT)



A - Power input (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 - Lumentalk Data Bridge (LDB-DMX)
H - Leader cable (LOGLC)
I - Lumenfacade 12 in
J - Jumper cable (LOGJC)
K - Lumenfacade (24 in, 36 in or 48 in fixture lengths)
L - Sealing end cap

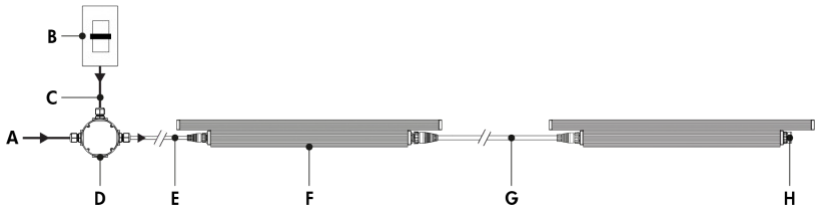
Lumentalk (LT) - wiring detail



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)

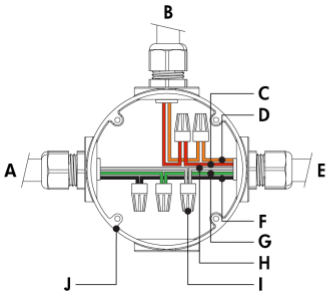
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for 12 in fixture lengths, see LDB installation instructions for details. Fixtures must be specified as DMX/RDM and the Lumentalk Data Bridge must be specified as DMX. 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 (100-277V, wiring by others)
B - Dimmer (by others)
C - Data wiring (by others)
D - Junction box (by others)
E - Leader cable (LOGLC)
F - Lumenfacade
G - Jumper cable (LOGJC)
H - Sealing end cap

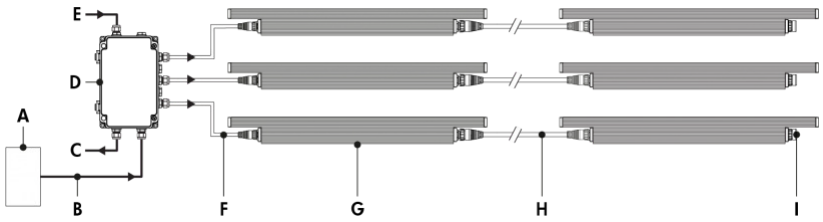
Dim to Warm via 0-10V (DIM/DTW) - wiring detail



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)

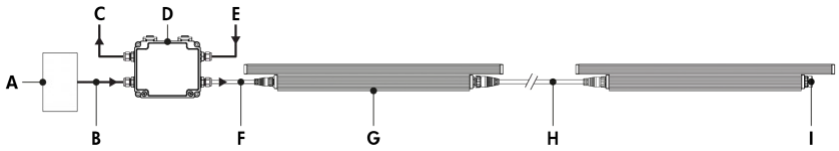
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 0-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- 17.25 W/ft.

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 (100-277V, wiring by others)
F - Leader cable (LOGLC)
G - Lumenfacade
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 (100-277V, wiring by others)
F - Leader cable (LOGLC)
G - Lumenfacade
H - Jumper cable (LOGJC)
I - Sealing end cap

Maximum Run of Fixtures, Lumenfacade® LOG 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 LOG).

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.

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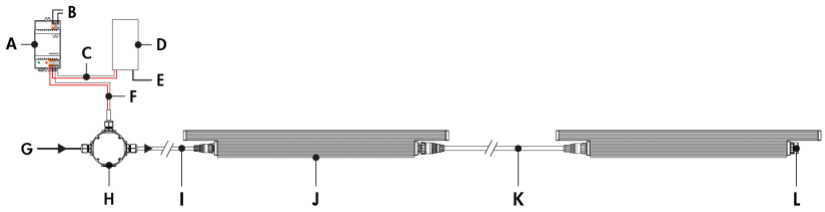
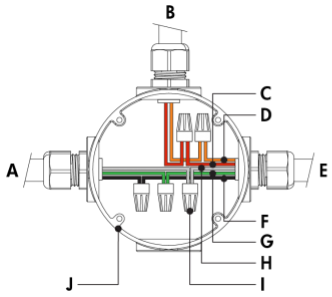
DALI 2 T8 (DALIT8)



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 (100-277V, wiring by others)
H - Junction box (by others)
I - Leader cable (LOGLC)
J - Lumenfacade
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.

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How to Order

Housing [1]	Voltage [2]	Length	Color and Color Temperature	Optic	Mounting Option	Finish	Control	Option	Buy America.n Act
LOG Lumenfacade™	**100** 100 volts **120** 120 volts **208** 208 volts **220** 220 volts **240** 240 volts **277** 277 volts	**12** 13 3/8 in (4.5 lbs) [1] [3] **24** 25 3/8 in (7 lbs) **36** 37 3/8 in (10.5 lbs) **48** 49 3/8 in (14 lbs)	**DWW** Dynamic warm white (2200K to 3000K) **DWH** Dynamic white (2700K to 6500K)	**WWLF** Asymmetric Wallwash, left feed **WWRF** Asymmetric Wallwash, right feed **8x8** 8° x 8° [4] **10x10** 10° x 10° [4] **10x30** 10° x 30° **10x60** 10° x 60° **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	**SAM** Slim Adjustable Mounting **UMP** Fixed Mounting [5] **UMAS** Universal Adjustable Mounting [5] **WAM2** Adjustable Wall Mounting 2 in **WAM6** Adjustable Extended Arm Mounting 6 in **WAM12** Adjustable Extended Arm Mounting 12 in **WAM18** Adjustable Extended Arm Mounting 18 in	**BK** Black Sandtex® **BRZ** Bronze Sandtex® **SI** Silver Sandtex® **WH** Smooth White **CC** Custom Color & Finish [6] [7] [8]	**LT** Lumentalk [3] [9] [10] **DIM/DTW** Dim to Warm via 0-10V (2700K to 2200K) [11] **DMX/RDM1** Dim to Warm via single-channel DMX/RDM (2700K to 2200K) [11] [12] **DMX/RDM** 3-channel color temperature control via DMX/RDM [12] **DALIT8** DALI 2 T8 control [13]	**ETE** End-to-end configuration **CRC** Corrosion-resistant coating [14] [15] **3GV** 3G ANSI C136.31-2010 Vibration Rating for bridge applications [16] **CE** CE (European certification) [17]	**BAA** Buy America.n [18] [19]

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 (LDB-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 LumentalkID (LIDLT) 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. DALI2 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.

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