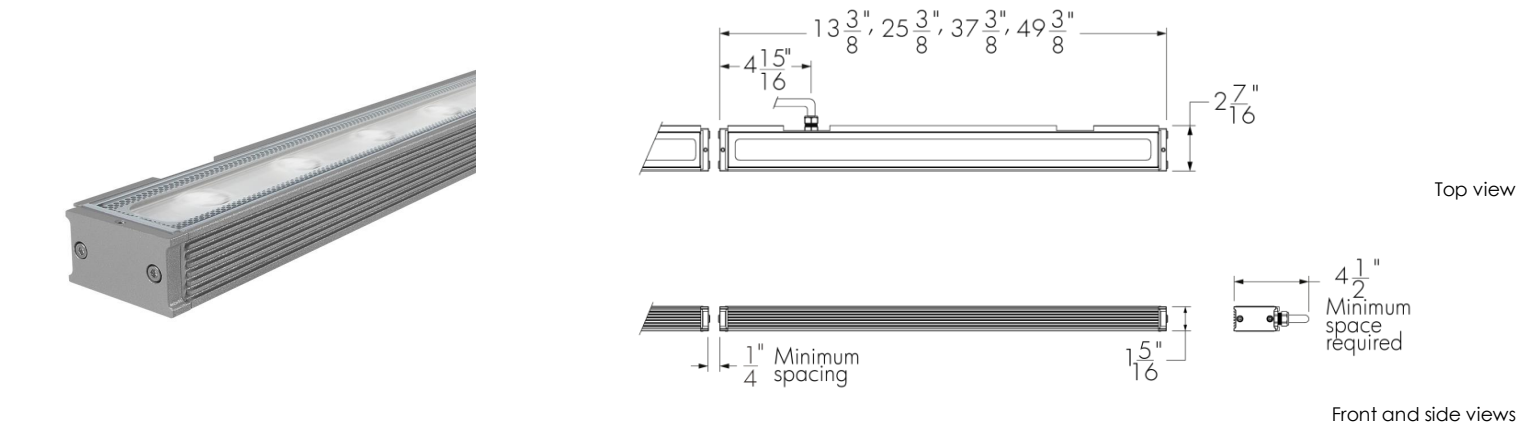


Project Name

Qty

Type

Catalog / Part Number

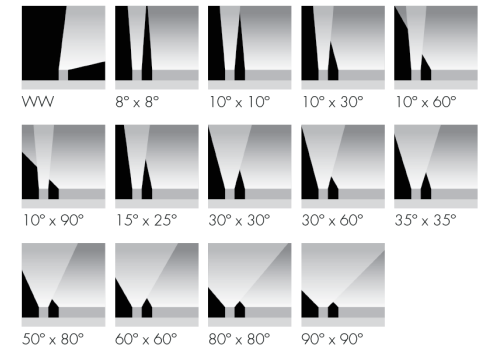


Photometric Summary

	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.

Optics



Description


The Lumenfacade Remote is a high-performance, linear LED luminaire for grazing and flood-lighting facades. It has a remote power supply, which makes the fixture profile very slim and therefore easier to integrate into architecture. Featuring second generation LED technology, the luminaire is available in 12 in, 24 in, 36 in or 48 in sections, and can be configured with a wide number of options including: optics for grazing or flood lighting; a choice of outputs (ASHRAE 4.2 W/ft, RO 7.5 W/ft or HO 15 W/ft); various color temperatures or static colors; various mounting options, finishes, accessories and controls. The Lumenfacade 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 3G ANSI C136.31-2010 Vibration Rating for bridge applications
Power Consumption	4.2 W/ft DC (meets ASHRAE standards for linear lighting on building facades - not available for 12 in fixture lengths), 7.5 W/ft DC (RO version), 15 W/ft DC (HO version)
Warranty	5-year limited warranty
Performance	
Illuminance at Distance	Minimum 1 fc at 140 ft (HO 4000K, 48 in fixture, 10° x 60°)
Color Consistency	2 SDCM, 3 SDCM (2200K)


Colors and Color Temperatures


2200K



2700K



3000K


3500K


4000K


Red


Green


Blue

Controls

ON/OFF 0-10V DALI DMXrdm

Ratings

IP66 IK07*
*asymmetric wallwash lens is IK06 rated

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: 2.1 lbs 24 in: 3.9 lbs 36 in: 5.6 lbs 48 in: 7.4 lbs

Electrical and control

Voltage	24V DC, Remote power & data supply required
Fixture Cable	Power and data in one cable
Conductors	4C #16-4
Control	On/Off control, 0-10V dimming, DALI dimming, DMX enabled, Lumentalk system is enabled with LDB accessory - see typical wiring diagrams for details
Resolution (DMX)	Per foot or per fixture

Environmental

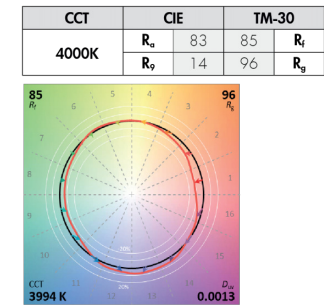
Storage Temperature	-40 °F to 185 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-13 °F to 122 °F
Operating Temperature	-40 °F to 122 °F
Ingress Protection Rating	IP66 Wet location rated
Impact Resistance Rating	IK07 (asymmetric wallwash lens is IK06 rated)

Accessories (order separately)

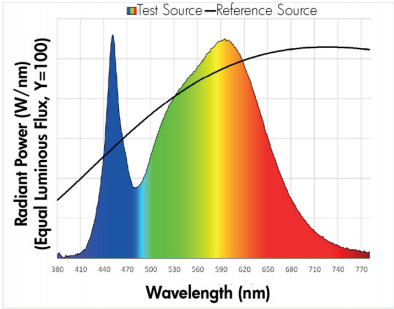
Optical Accessories	Lumenfacade Remote Radial Louver
Power Supply and Dimming Boxes	Power supply box
Control and Power Supply Boxes	DMX/RDM control box, Lumentalk Data Bridge
Control Systems	Lumentone™ 2 (LTN2), Pharos® kit (PHAROS)
Diagnostic and Addressing Tools	LumenID (LID), LumentalkID (LIDLT)

Chromaticity Data

TM-30 - 4000K

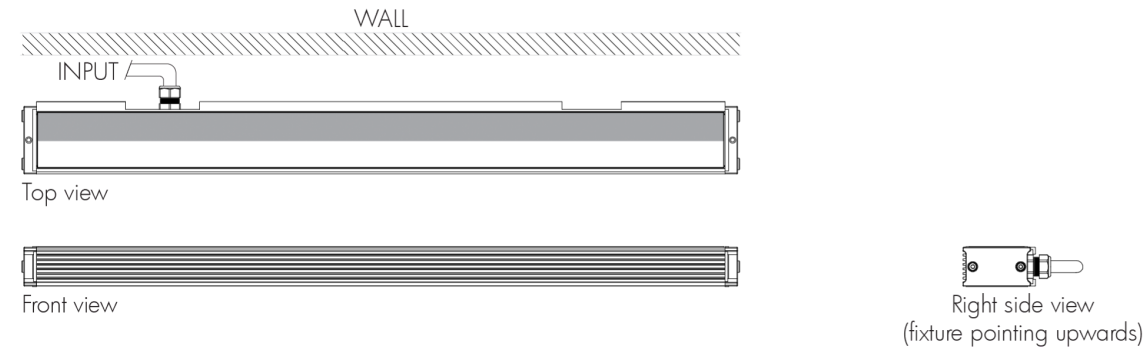


Spectral Power Distribution



Asymmetric Wallwash Optic Details

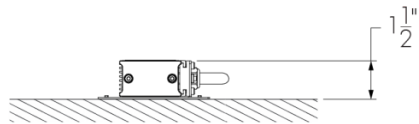
WW - Asymmetric Wallwash



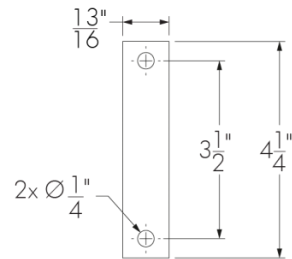
- Always position frosted side toward the wall.
- Recommended setback from wall is 1/10 of the wall height. Example: 2 ft setback for a 20 ft wall.

Mounting Options

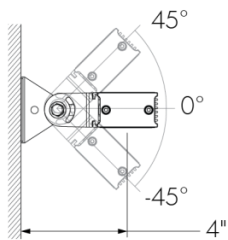
UMPR - Fixed Mounting Remote version



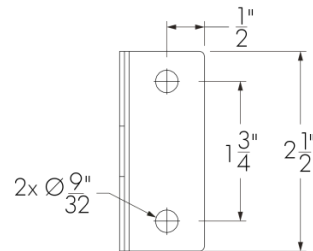
UMPR - Mounting Hole Pattern



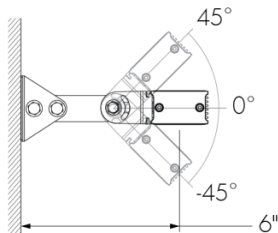
WAMR3 - Adjustable Arm Mounting 3 in Remote version



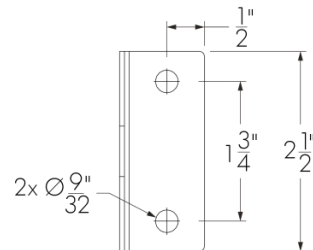
WAMR3 - Mounting Hole Pattern



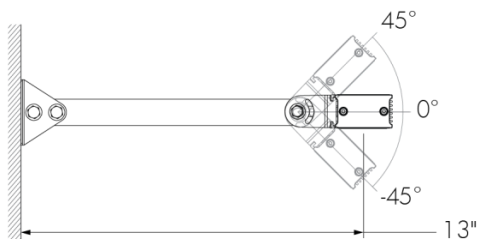
WAMR6 - Adjustable Arm Mounting 6 in Remote version



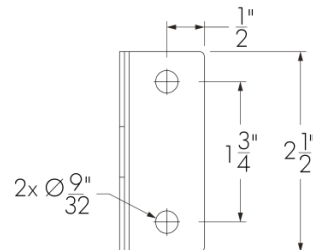
WAMR6 - Mounting Hole Pattern



WAMR12 - Adjustable Arm Mounting 12 in Remote version



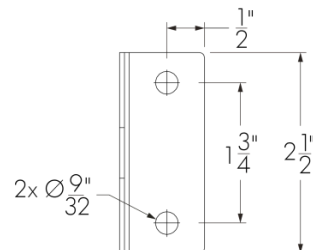
WAMR12 - Mounting Hole Pattern



WAMR18 - Adjustable Arm Mounting 18 in Remote version

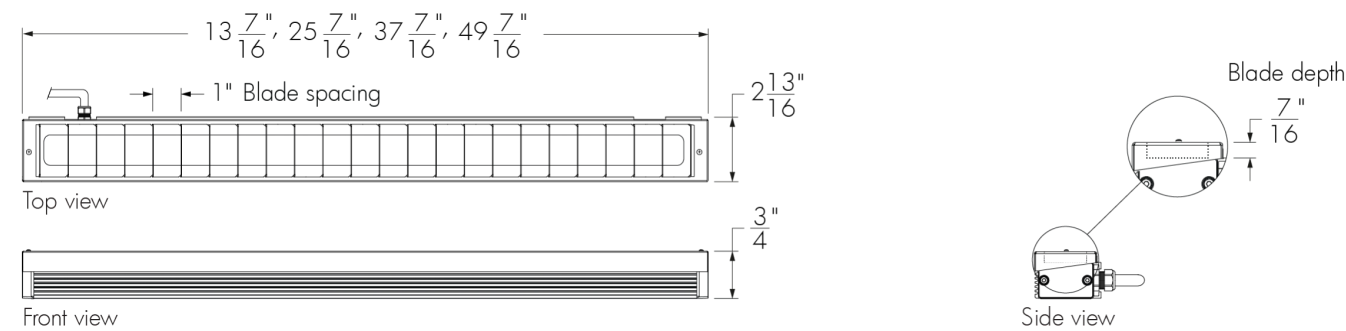


WAMR18 - Mounting Hole Pattern



Optical Accessories (Order Separately)

LOGRRD - Radial Louver for Lumenfacade Remote





LOGRRD-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

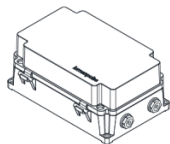
	LOGR 12 in	LOGR 24 in	LOGR 36 in	LOGR 48 in
EPA front (sq ft) 	0.132	0.271	0.405	0.540
EPA side (sq ft) 	0.013	0.016	0.018	0.019

Fixture With Radial Louver Accessory

	LOGR 12 in	LOGR 24 in	LOGR 36 in	LOGR 48 in
EPA front (sq ft) 	0.195	0.398	0.595	0.794
EPA side (sq ft) 	0.027	0.034	0.036	0.039

Power Supply and Dimming Boxes (Order Separately)

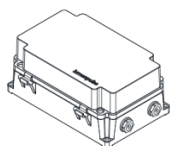
PSX60-100 - Power Supply Box



Power supply box. Up to six low voltage power outputs to fixtures or fixture runs. Consult PSX60, PSX100 specification sheet for details.

Control and Power Supply Boxes (Order Separately)

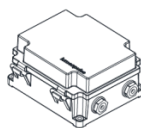
CBX60-100 - DMX/RDM Control Box



DMX/RDM control box. Up to six low voltage power and data outputs to fixtures or fixture runs. Consult CBX60, CBX100 specification sheet for details.

CBX60-100 is required for DALI control applications. Consult factory 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

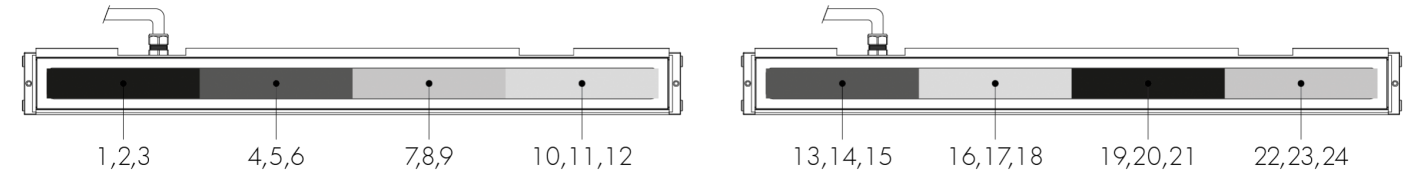


LumentalkID is a diagnostic and addressing tool. It must be specified for all Lumentalk (LT) applications. Consult LID-LT specification sheet for details.

Resolution Details

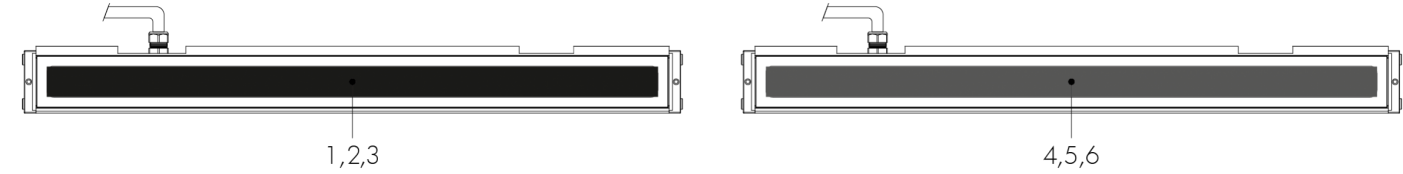
DMX 1FT - Resolution per foot: each 1 ft section is addressed independently (recommended for most installations)

DMX addresses:



DMX 1FX - Resolution per Fixture: each Fixture is addressed independently

DMX addresses:



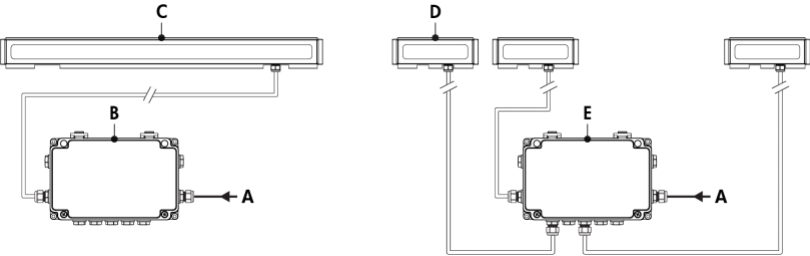
- 48 in fixtures shown.
- Applicable for DMX dimming option only. Resolution is factory set and cannot be changed in the field.

Typical Wiring Diagrams

Wiring Color Code

UL Color Code	USE
Red	0-10V / Data +
Green	0-10V / Data -
Black	12/15/24V DC +
White	12/15/24V DC -

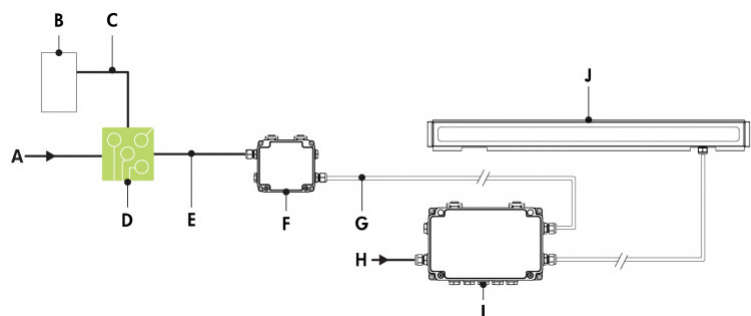
On/Off Control (NO)



- A - Power input (100-277V, wiring by others)
- B - PSX60
- C - Lumenfacade Remote
- D - Lumenfacade Remote
- E - PSX100

- Consult PSX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Output quantity depends on the project layout. Up to 6 outputs to fixtures available. Make sure the total load of all the fixture runs does not exceed the capacity of the PSX.
- ASHRAE version (not available for 12 in fixture lengths): 4.2 W/ft DC; Regular Output version: 7.5 W/ft DC; High Output version: 15 W/ft DC.

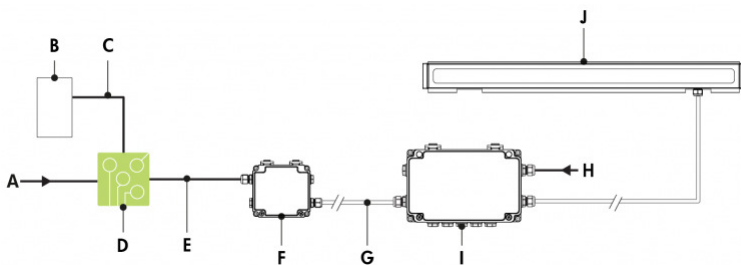
Lumentalk for 0-10V Dimming (LT using LDB-DIM)



- A** - Power input (100-277V AC, wiring by others)
- B** - Dimmer/controller (order separately from Lumenpulse, or by others)
- C** - Data wiring (by others)
- D** - Lumentranslator 2 (LTL2-DIM, -TRIAC, -DALI)
- E** - Power wiring (by others)
- F** - Lumentalk Data Bridge (LDB-DIM)
- G** - Data wiring (by others)
- H** - Power input (100-277V, wiring by others)
- I** - PSX60-010 or PSX100-010
- J** - Lumenfacade Remote (LOGR-DIM)

- Consult PSX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Output quantity depends on the project layout. Up to 6 outputs to fixtures available. Make sure the total load of all the fixture runs does not exceed the capacity of the PSX.
- Lumentalk Data Bridge required for Lumentalk system, see LDB installation instructions for details. 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.
- 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): 4.2 W/ft DC; Regular Output version: 7.5 W/ft DC; High Output version: 15 W/ft DC.

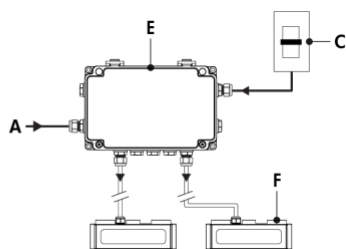
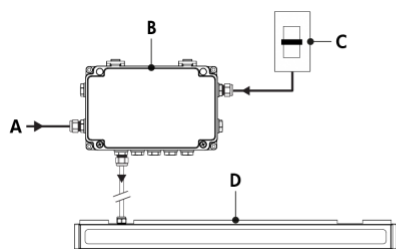
Lumentalk for DMX Dimming (LT using LDB-DMX)



- A** - Power input (100-277V AC, wiring by others)
- B** - Dimmer/controller (order separately from Lumenpulse, or by others)
- C** - Data wiring (by others)
- D** - Lumentranslator 2 (LTL2-DMX)
- E** - Power wiring (by others)
- F** - Lumentalk Data Bridge (LDB-DMX)
- G** - Data wiring (by others)
- H** - Power input (100-277V, wiring by others)
- I** - CBX60 or CBX100
- J** - Lumenfacade Remote (LOGR-DMX 1FT or LOGR-DMX 1FX)

- Consult CBX60/CBX100 installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk Data Bridge required for Lumentalk system, see LDB installation instructions for details. Fixtures must be specified as DMX 1FT or DMX 1FX and Lumentalk Data Bridge must be specified as DMX. 2-step commissioning process: 1 - DMX system using LumenID software and a LID, 2 - Lumentalk system using LumentalkID software and a LID-LT. Consult factory for details.
- Maximum of 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.
- 1% minimum dimming value.
- ASHRAE version (not available for 12 in fixture lengths): 4.2 W/ft DC; Regular Output version: 7.5 W/ft DC; High Output version: 15 W/ft DC.

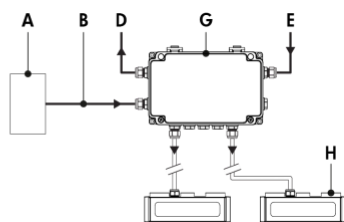
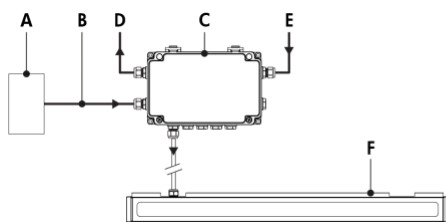
0-10V Dimming (DIM)



- A** - Power input (100-277V, wiring by others)
- B** - PSX60-010
- C** - Dimmer (by others)
- D** - Lumenfacade Remote
- E** - PSX100-010
- F** - Lumenfacade Remote

- Consult PSX installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Output quantity depends on the project layout. Up to 6 outputs to fixtures available. Make sure the total load of all the fixture runs does not exceed the capacity of the PSX.
- 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): 4.2 W/ft DC; Regular Output version: 7.5 W/ft DC; High Output version: 15 W/ft DC.

DMX Dimming (DMX)



- A** - DMX controller (order separately from Lumenpulse, or by others)
- B** - Data input (Belden 9841 or equivalent, by others)
- C** - CBX60
- D** - Data output to next CBX60 or CBX100 (optional, not isolated/not boosted)
- E** - Power input (100-277V, wiring by others)
- F** - Lumenfacade Remote
- G** - CBX100
- H** - Lumenfacade Remote

- Consult CBX60/CBX100 installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 6 outputs per CBX60 or CBX100.
- 1% minimum dimming value.
- ASHRAE version (not available for 12 in fixture lengths): 4.2 W/ft DC; Regular Output version: 7.5 W/ft DC; High Output version: 15 W/ft DC.

How to Order

Housing	Cable Length	Voltage	Length	Color and Color Temperature ⁽³⁾	Optic	Mounting Option	Finish	Control ^{(2) (10)}	Option						
LOGR ASHRAE Lumenfacade™ Remote Power Supply, 4.2 W/ft DC ASHRAE compliant ⁽¹⁾ LOGR RO Lumenfacade™ Remote Power Supply, Regular Output 7.5 W/ft DC LOGR HO Lumenfacade™ Remote Power Supply, High Output 15 W/ft DC	10FT 10 ft	24V 24V DC fixture	12 13 3/8 in (2.1 lbs) ⁽²⁾	22K 2200K	WW Asymmetric Wallwash	UMPR Fixed Mounting Remote version ⁽⁶⁾ WAMR3 Adjustable Arm Mounting 3 in Remote version WAMR6 Adjustable Arm Mounting 6 in Remote version WAMR12 Adjustable Arm Mounting 12 in Remote version WAMR18 Adjustable Arm Mounting 18 in Remote version	BK Black Sandtex® BRZ Bronze Sandtex® SI Silver Sandtex® WH Smooth White CC Custom Color & Finish ^{(7) (8) (9)}	NO On/Off control DIM 0-10V dimming DALI DALI dimming ⁽¹¹⁾ DMX 1FT DMX dimming — resolution per foot ⁽¹²⁾ DMX 1FX DMX dimming — resolution per fixture ⁽¹²⁾	CRC Corrosion-resistant coating ^{(13) (14)} 3GV 3G ANSI C136.31-2010 Vibration Rating for bridge applications ⁽¹⁵⁾						
	20FT 20 ft		24 25 3/8 in (3.9 lbs)	27K 2700K						8x8 8° x 8° ⁽⁵⁾					
	30FT 30 ft		36 37 3/8 in (5.6 lbs)	30K 3000K						10x10 10° x 10° ⁽⁵⁾					
	50FT 50 ft		48 49 3/8 in (7.4 lbs)	35K 3500K						10x30 10° x 30°					
	70FT 70 ft		40K 4000K	10x60 10° x 60°						10x90 10° x 90°					
	100FT 100 ft		RD Red ⁽⁴⁾	15x25 15° x 25°						30x30 30° x 30°					
			GR Green ⁽⁴⁾	30x60 30° x 60°						35x35 35° x 35°	50x80 50° x 80°				
			BL Blue ⁽⁴⁾	60x60 60° x 60°						80x80 80° x 80°	90x90 90° x 90°				

Notes:

1. ASHRAE version not available for 12 in fixture lengths.

2. To connect to the Lumentalk system, DIM, DMX 1FT or DMX 1FX 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.

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

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

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

6. Suitable to use when HO fixtures at a 6 in setback from surface. Contact factory for application support.

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. A Lumentranslator 2 (LTL2) and LumentalkID (LIDL2) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.

11. CBX60-100 is required for DALI control applications. Consult factory for details.

12. A remote power supply and control box and LumenID (LID) must be specified.

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

14. Setup charges apply. Consult factory for details.

15. Available with UMPR mounting option only.