

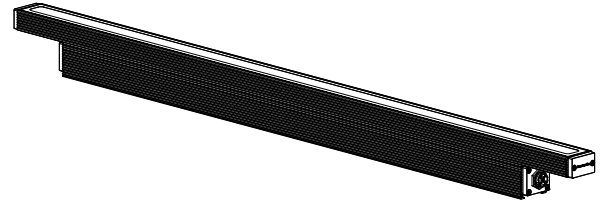
Client _____ Project name _____

Order# _____ Type _____ Qty _____

FEATURES AND BENEFITS

Physical :

- Low copper content extruded aluminum housing
- Available in 1', 2', 3' or 4' sections
- Electro-statically applied polyester powder coat finish
- Machined aluminum end caps and silicone gaskets
- Stainless steel hardware
- Clear tempered glass lens
- 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°, or 90° x 90° optics
- IP66
- IK07 rated (asymmetric wallwash lens is IK06 rated)
- Meets 3G ANSI C136.31 Vibration standard for bridge applications
- Corrosion-resistant coating for hostile environments²



Photometric Summary

4ft HO, 4000K	Delivered Output [lm]	Intensity [peak cd]
WW	3,592	5,159
8°x8°	4,045	77,896
10°x10°	3,768*	38,346*
10°x30°	3,830	30,056
10°x60°	3,692	19,654
10°x90°	3,576	7,897
30°x30°	3,765	14,726
30°x60°	3,862*	5,119*
60°x60°	3,447*	3,015*
90°x90°	3,592	1,886

Photometric performance is measured in compliance with IESNA LM-79-08.

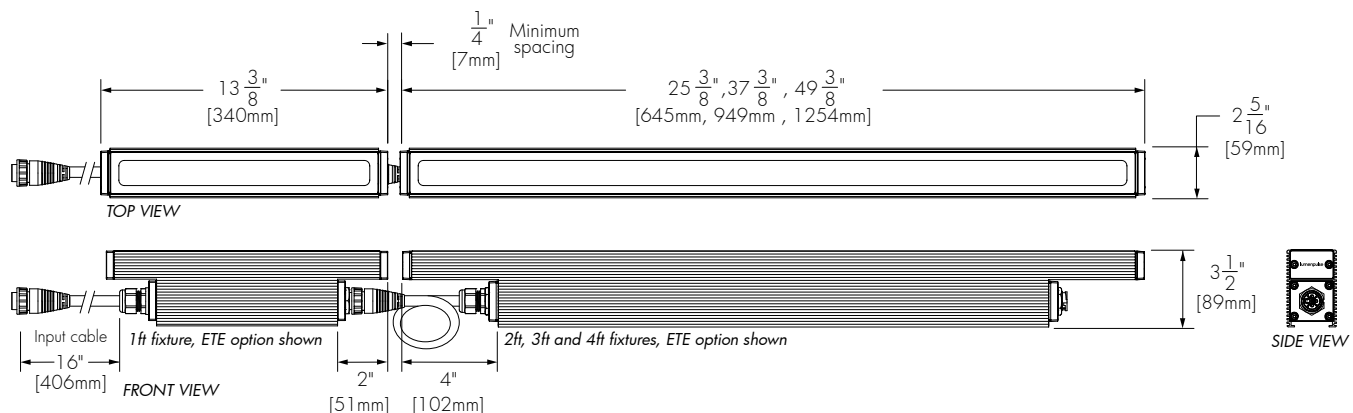
*Estimated. Consult lumenpulse website for the latest IES and LDT files.

Performance :

- 2200K, 2700K, 3000K, 3500K, 4000K, Red, Green, Blue static colors available
- CRI value: 80+
- Minimum 1fc (10.7 lux) @ 140ft (43m) distance (HO 4000K, 4' unit, 10° x 60° optic)
- Lumen maintenance: 120,000 hrs [L70 @ 25°C]
- Lumen measurements comply with LM - 79 - 08 standard
- Resolution per foot or per fixture (configured with LumenID V3 software & DMX/RDM)
- Operating temperatures: -25° C to 50° C [-13F to 122F]

Electrical :

- Line voltage luminaire for 100 to 277V
- Power and data in 1 cable (#16-5)
- End-to-end option (ETE): 16" black input cable, no jumper cable needed
- 252ft [77m] maximum cable and fixture run length, non-dimming, 277V, RO version
- 164ft [50m] maximum cable and fixture run length, non-dimming, 277V, HO version
- 5W/ft version meets ASHRAE standards for linear lighting on building facades³
- 8.5W/ft Regular Output version³
- 15.25W/ft High Output version³
- Dimming options: Lumentalk, 0-10 volt, DALI, Lutron® EcoSystem® or DMX/RDM enabled

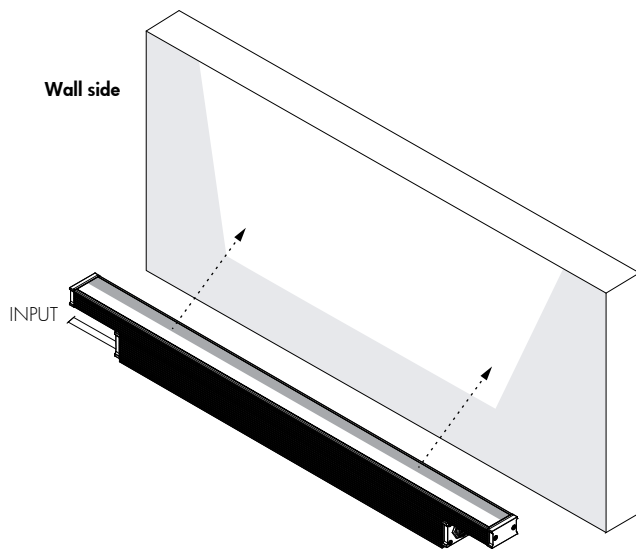


¹ Asymmetric wallwash lens is IK06 rated.

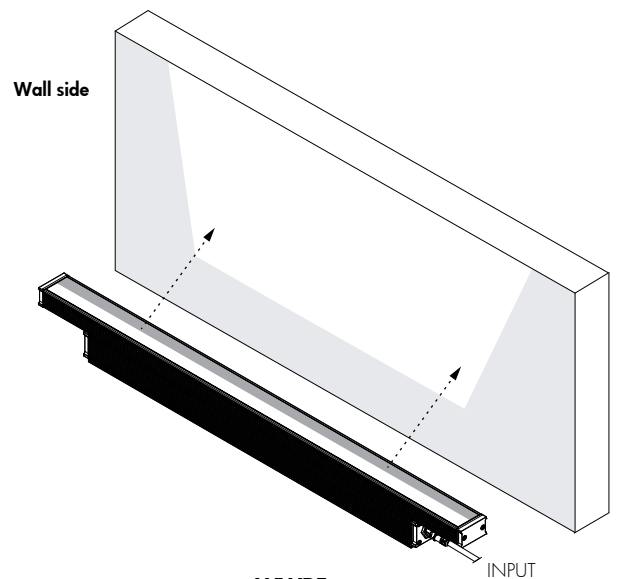
² Use only when exposed to salt spray and harsh chemicals. This option is not required for normal outdoor exposure!

³ ASHRAE version not available for 1' fixture lengths. Power consumption is typically 20% higher for 1' fixture lengths.

ASYMMETRIC WALLWASH OPTIC FEEDING SIDE DETAIL



WWLF
Asymmetric Wallwash Optic, Left Feed

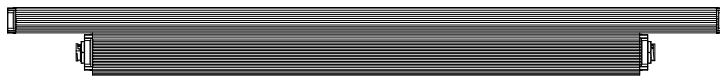


WWRF
Asymmetric Wallwash Optic, Right Feed

Always position frosted side toward the wall



TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW
(Fixture pointing upwards)

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

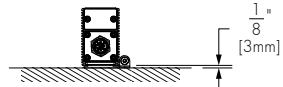
Recommended setback from wall is 1/10 of the wall height.

Example: 2ft [0.6m] setback for a 20ft [6m] wall.

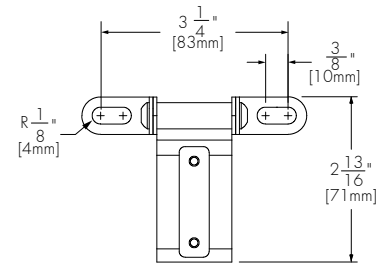
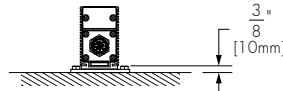
MOUNTING OPTIONS

Surface Mount

SAM
Slim Adjustable Mounting



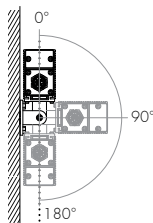
UMP
Fixed Mounting



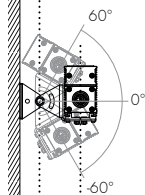
SAM
Mounting Hole Pattern

Wall Mount

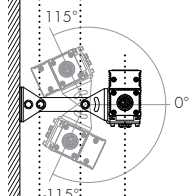
UMAS
Universal Adjustable Mounting



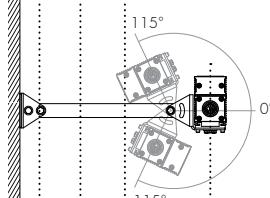
WAM2
Adjustable Wall Mounting 2"



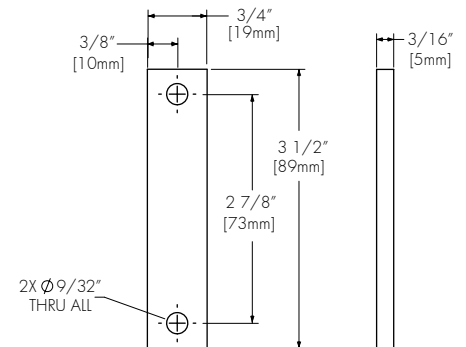
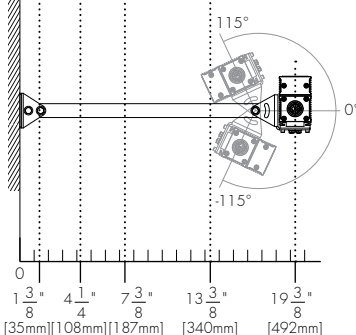
WAM6
Adjustable Extended Arm Mounting 6"



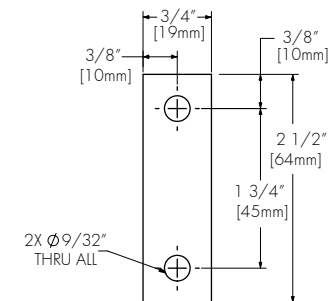
WAM12
Adjustable Extended Arm Mounting 12"



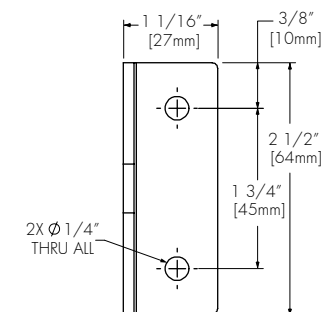
WAM18
Adjustable Extended Arm Mounting 18"



UMP
Mounting Hole Pattern



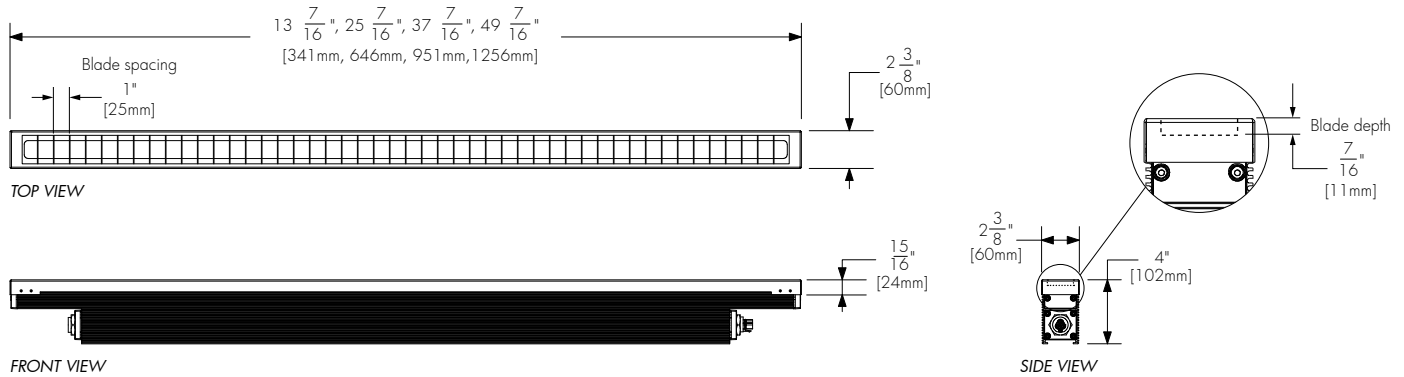
UMAS
Mounting Hole Pattern



WAM
Mounting Hole Pattern

LOUVER ACCESSORY INSTALLATION DETAIL

Not suitable for asymmetric wallwash optic

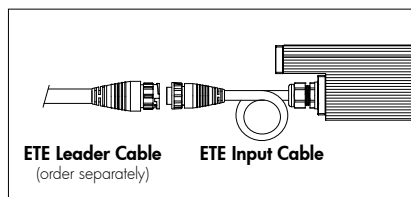


LOGRD

Radial Louver for Lumenfacade
 (See page 6 for ordering code)

OPTION

ETE - End-to-end configuration,
 16" black input cable,
 no jumper cable needed.



ACCESSORIES

Order separately

Control Systems:

- LTO2** Lumentouch is a wall mount DMX 512 controller keypad.
- LCU** Lumencue is a USB / mini SD DMX 512 controller.
- LID** LumenID is a diagnostic and addressing DMX 512 controller.
It must be specified for all DMX applications.
Refer to LID specification sheet for details.
- LID-LT** LumentalkID is a diagnostic and addressing controller.
It must be specified for all Lumentalk (LT) applications.
Refer to LID-LT specification sheet for details.
- LTN** Lumentone is a simple pre-programmed DMX 512 controller with a push button rotary dial and live feedback.

Control Boxes:

- CBX** DMX/RDM control box.
Up to six power and data outputs to fixtures or fixture runs.
Ethernet enabled option.
Refer to CBX specification sheet for details.
- LDB** Lumentalk Data Bridge, 0-10V or DMX output.
Refer to LDB specification sheet for details.

ACCESSORIES - continued

Order separately

Leader and Jumpers Cables for Standard Construction :

LOGLC-__-STD-__-__ Leader Cable for Lumenfacade.
Please specify certification (UL or CE), cable length (10', 25', 50', 100', 150' or 200' [3m, 7.6m, 15.2m, 30m, 45m or 61m] standard) and cable color (BK-Black or WH-White, connectors are black as standard).
Suitable for dimming/data and non-dimming applications.
Sealing endcap is mandatory for any unused connector. (1) included with every leader cable.
Consult lumenfacade leader cable specification sheet for details.

LOGJC-__-STD-__-__ Jumper Cable for Lumenfacade.
Please specify certification (UL or CE), cable length (2', 3', 4', 5' or 50' [0.6m, 0.9m, 1.2m, 1.5m or 15m] standard) and cable color (BK-Black or WH-White, connectors are black as standard).
Lengths between 5' and 30' [1.5m and 10m] are also available, please specify desired length in 1' [0.3m] increments.
Suitable for dimming/data and non-dimming applications.
Consult lumenfacade jumper cable specification sheet for details.

Leader and Jumpers Cables for End-to-End (ETE) Option :

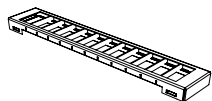
LOGLC-__-ETE-__-__ Leader Cable for Lumenfacade, ETE option.
Please specify certification (UL or CE), cable length (10', 25', 50', 100', 150' or 200' [3m, 7.6m, 15.2m, 30m, 45m or 61m] standard) and cable color (BK-Black or WH-White, connectors and fixture input cables are black as standard).
Suitable for dimming/data and non-dimming applications.
Sealing endcap is mandatory for any unused connector. (1) included with every leader cable.
Consult lumenfacade leader cable specification sheet for details.

LOGJC-__-ETE-__-__ Jumper Cable for Lumenfacade, ETE option.
Please specify certification (UL or CE), cable length (1', 2', 3', 4', 5' or 50' [0.3m, 0.6m, 0.9m, 1.2m, 1.5m or 15m] standard) and cable color (BK-Black or WH-White, connectors and fixture input cables are black as standard).
Lengths between 5' and 30' [1.5m and 10m] are also available, please specify desired length in 1' [0.3m] increments.
Suitable for dimming/data and non-dimming applications.
Consult lumenfacade jumper cable specification sheet for details.

Radial Louver :

Not suitable for asymmetric wallwash optic

LOGRD-__-__ Radial louver for Lumenfacade.
Louver blade depth: 7/16" [11mm]; louver blade spacing: 1" [25mm]
Please specify nominal length (1', 2', 3' or 4' [0.3m, 0.6m, 0.9m or 1.2m]) and finish (BK-Black Sandtex, BRZ-Bronze Sandtex, SI-Silver Sandtex, or WH-Smooth white. Custom color available on request, please specify as CC together with RAL color : _____).



The addition of a louver will affect beam distribution, consult factory for application support.

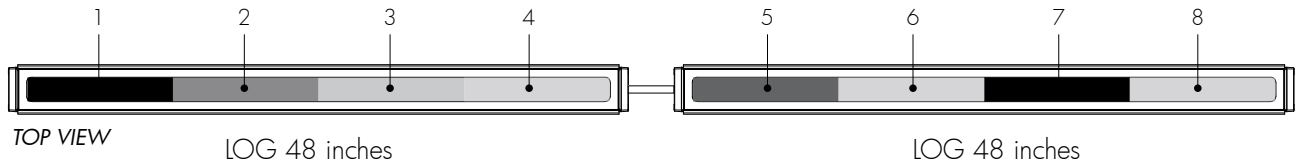
RESOLUTION DETAILS

Applicable for DMX/RDM control option only.

Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

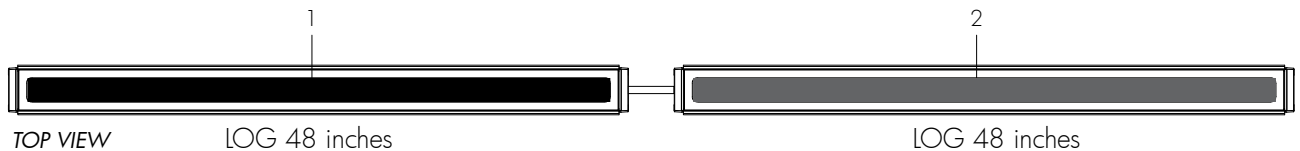
Resolution per foot: each foot is addressed independently

DMX ADDRESSES:



Resolution per fixture: each fixture is addressed independently

DMX ADDRESSES:

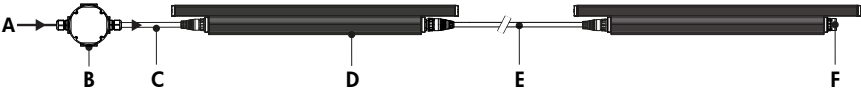


TYPICAL WIRING DIAGRAMS

Wiring Color Code

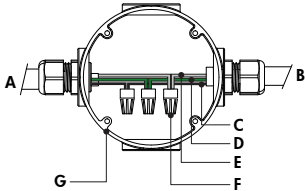
American Color Code	CE Color Code	USE
Green	Yellow/Green	Ground
Black	Brown	Live 100-277V
White	Blue	Neutral
Red/Purple	Black	0-10V / Data +
Orange	Grey	0-10V / Data -

Non-Dimming (NO)



- A** - Power input (100-277V)
B - Junction box (by others)
C - leader cable (LOGLC)
D - lumenfacade (LOG-NO)
E - Jumper cable (LOGjC)
F - Sealing end cap

Non-Dimming (NO) - Wiring detail



- A** - Power input
B - To fixture
C - Line
D - Ground
E - Neutral
F - Wire-nuts (by others)
G - Junction box (by others)

- Notes:**
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
 - ASHRAE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].

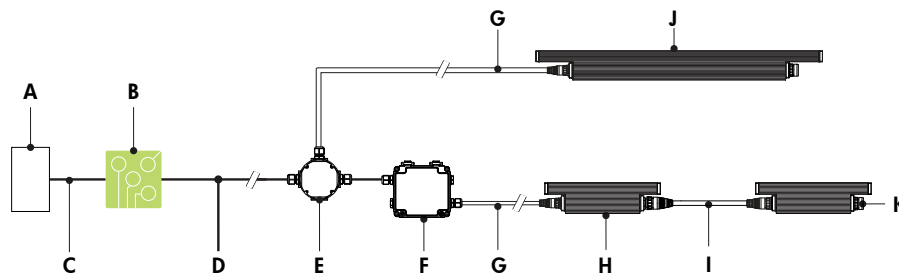
TYPICAL WIRING DIAGRAMS - continued

Wiring Color Code

American Color Code	CE Color Code	USE
Green	Yellow/Green	Ground
Black	Brown	Live 100-277V
White	Blue	Neutral
Red/Purple	Black	0-10V / Data +
Orange	Grey	0-10V / Data -

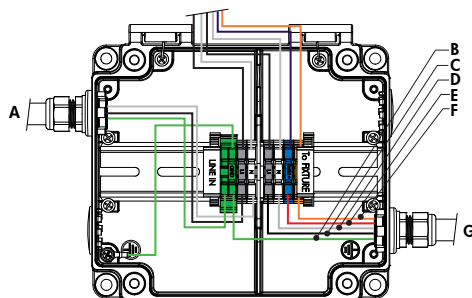
Lumentalk (LT)

1% minimum dimming value



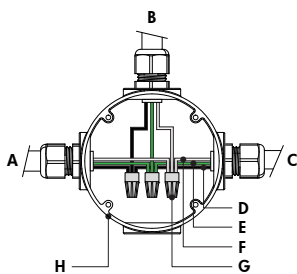
- A** - Third party dimmer/controller
- B** - Lumentranslator (ITL-010, DMX, -TRIAC, -DALI)
- C** - Data wiring (by others)
- D** - Power line (120-277V AC)
- E** - Junction box (by others)
- F** - Lumentalk Data Bridge (LDB-DIM or LDB-DMX)
- G** - leader cable (LOGIC)
- H** - lumenfacade 1' [0.3m] (LOG-DIM or LOG-DMX/RDM)
- I** - Jumper cable (LOGIC)
- J** - lumenfacade (LOG-IT)
[2', 3', or 4' fixture lengths] [0.6, 0.9 or 1.2m]
- K** - Sealing end cap

Wiring detail using LDB-DIM or LDB-DMX (for 1' fixtures [0.3 m])



- A** - Power input (control over power line via Lumentalk system)
B - Ground
C - Line
D - Neutral
E - 0-10V + / Data +
F - 0-10V - / Data -
G - To fixture

Lumentalk (LT) - Wiring detail (for 2, 3 or 4' fixture lengths [0.6, 0.9 or 1.2m])



- A** - Power input (control over power line via Lumentalk system)
- B** - To fixture
- C** - To Lumentalk Data Bridge (for run lengths with 1' fixtures [0.3m])
- D** - Line
- E** - Ground
- F** - Neutral
- G** - Wire-nuts (by others)
- H** - Junction box (by others)

Notes:

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
 - Lumentalk Data Bridge required for 1' [0.3m] fixture lengths.
- For applications with all fixtures controlled as 1 zone: fixtures and Lumentalk Data Bridge must be specified as DIM. Maximum of 10 fixtures per LDB-DIM, consult factory for applications that require additional capabilities. For application with fixtures controlled individually: fixtures and Lumentalk Data Bridge must be specified as DMX, 2-step commissioning process: 1 - DMX/RDM system using LumenID software and a LID, 2 - Lumentalk system using LumentalkID software and a LID-IT. Maximum of 32 fixtures per LDB-DMX. Consult factory for details.
- For DMX applications: 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
 - Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system
 - No third party fixtures allowed on the same circuit.
 - Consult factory for DALI Lumentalk applications.
 - ASHRAE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].

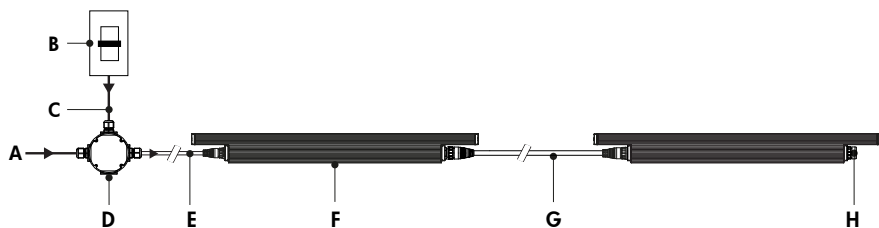
TYPICAL WIRING DIAGRAMS - continued

Wiring Color Code

American Color Code	CE Color Code	USE
Green	Yellow/Green	Ground
Black	Brown	Live 100-277V
White	Blue	Neutral
Red/Purple	Black	0-10V / Data +
Orange	Grey	0-10V / Data -

0-10V Dimming (DIM)

10% minimum dimming value



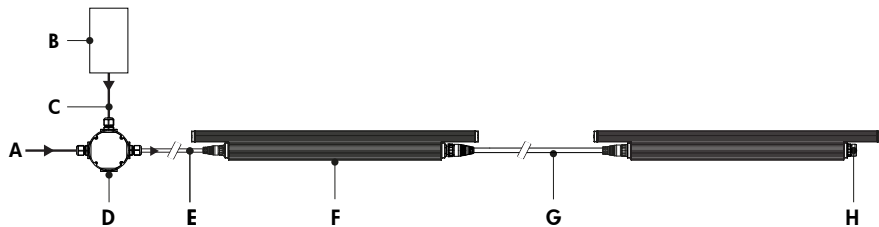
- A - Power input (100-277V)
- B - Third party dimmer
- C - Data wiring (by others)
- D - Junction box (by others)
- E - leader cable (LOGIC)
- F - lumenfacade (LOG-DIM)
- G - Jumper cable (LOGIC)
- H - Sealing end cap

Notes:

- 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.
- ASHRAE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].

DALI Dimming (DALI)

1% dimming value

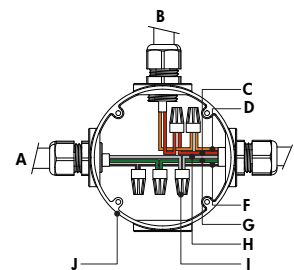


- A - Power input (100-277V)
- B - Third party DALI controller
- C - Data wiring (by others)
- D - Junction box (by others)
- E - leader cable (LOGIC)
- F - lumenfacade (LOG-DALI)
- G - Jumper cable (LOGIC)
- H - Sealing end cap

Notes:

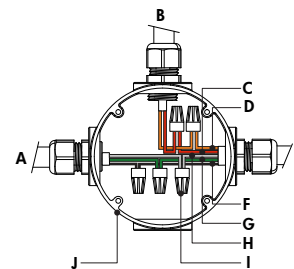
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- ASHRAE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].

0-10V Dimming (DIM) - Wiring detail



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

DALI Dimming (DALI) - Wiring detail



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

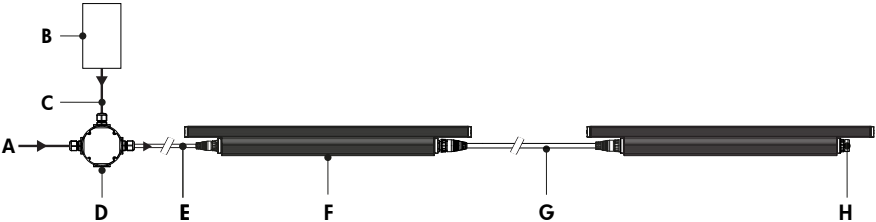
TYPICAL WIRING DIAGRAMS - continued

Wiring Color Code

American Color Code	CE Color Code	USE
Green	Yellow/Green	Ground
Black	Brown	Live 100-277V
White	Blue	Neutral
Red/Purple	Black	0-10V / Data +
Orange	Grey	0-10V / Data -

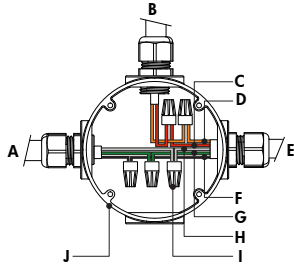
Lutron® EcoSystem® Enabled Dimming (ES)

1% minimum dimming value



- A - Power input (100-277V)
- B - Lutron® EcoSystem® controller
- C - Data wiring (by others)
- D - Junction box (by others)
- E - Leader cable (LOGIC)
- F - lumenfacade (LOG-ES) (2, 3, or 4ft fixture lengths) [0.6, 0.9, 1 or 1.2m]
- G - Jumper cable (LOGIC)
- H - Sealing end cap

Lutron® EcoSystem® Enabled Dimming (ES) - Wiring detail



- A - Power input
- B - From Lutron® EcoSystem® controller
- C - Data +
- D - Data -
- E - To fixture
- F - Line
- G - Ground
- H - Neutral
- I - Wire-nuts (by others)
- J - Junction box (by others)

Notes:

- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Each Lutron® EcoSystem® enabled fixture has its own address; for the example shown, there are a total of 2 EcoSystem® addresses.
- ASHRAE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].

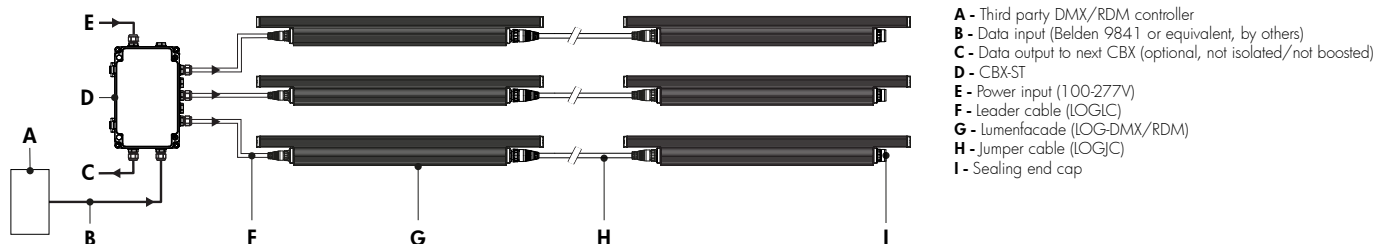
TYPICAL WIRING DIAGRAMS - continued

American Color Code	CE Color Code	USE
Green	Yellow/Green	Ground
Black	Brown	Live 100-277V
White	Blue	Neutral
Red/Purple	Black	0-10V / Data +
Orange	Grey	0-10V / Data -

Maximum run length by 15A circuit - Lumenfacade™ HO 15.25W/ft [0.3m]			
Cable length/Voltage	120V	240V	277V
50ft [15m] leader cable	68ft [21m]	76ft [23m]	84ft [26m]
Maximum run length by 15A circuit - Lumenfacade™ RO 8.5W/ft [0.3m]			
50ft [15m] leader cable	120ft [37m]	128ft [39m]	128ft [39m]
Maximum run length by 15A circuit - Lumenfacade™ ASHRAE 5W/ft [0.3m]			
50ft [15m] leader cable	128ft [39m]	128ft [39m]	128ft [39m]

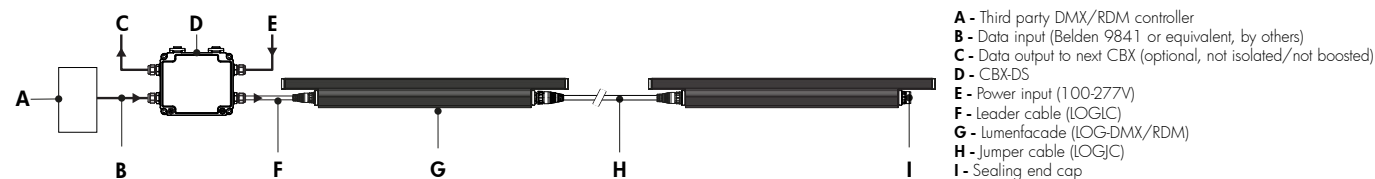
Star Layout (DMX/RDM)

1% minimum dimming value



Daisy Chain Layout (DMX/RDM)

1% minimum dimming value



Notes:

- Consult factory for specific applications and maximum fixture count/cable length recommendations. Maximum run length calculations are typically based on 4' [1.2m] fixtures.
- Maximum of 32 DMX/RDM enabled fixtures per CBX output.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 6 outputs per CBX-ST, maximum of 1 output per CBX-DS
- Each fixture requires 1 DMX address.
- ASHRAE version: 5 watts per foot [0.3m], Regular Output version: 8.5 watts per foot [0.3m], High Output version: 15.25 watts per foot [0.3m].

HOW TO ORDER

LOG

1	2	3	4	5	6	7	8	9
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1

Housing:

LOG ASHRAE - lumenfacade™, 5W/ft ASHRAE compliant¹
LOG RO - lumenfacade™ Regular Output, 8.5W/ft
LOG HO - lumenfacade™ High Output, 15.25W/ft

Bi-symmetric

10x30 - 10° x 30° **15x25** - 15° x 25°
10x60 - 10° x 60° **30x60** - 30° x 60°
10x90 - 10° x 90° **50x80** - 50° x 80°

2

Voltage:

100 - 100 volts **220** - 220 volts
120 - 120 volts **240** - 240 volts
208 - 208 volts **277** - 277 volts

6

Mounting Option:

SAM - Slim Adjustable Mounting
UMP - Fixed Mounting⁴
UMAS - Universal Adjustable Mounting⁴
WAM2 - Adjustable Wall Mounting 2"
WAM6 - Adjustable Extended Arm Mounting 6"
WAM12 - Adjustable Extended Arm Mounting 12"
WAM18 - Adjustable Extended Arm Mounting 18"

3

Length:

12 - 13 3/8 inches (340mm) (2 kg/4.5 lbs)
24 - 25 3/8 inches (645mm) (3.17 kg/7 lbs)
36 - 37 3/8 inches (949mm) (4.75 kg/10.5 lbs)
48 - 49 3/8 inches (1254mm) (6.35 kg/14 lbs)

7

Finish:

BK - Black Sandtex
BRZ - Bronze Sandtex
SI - Silver Sandtex
WH - Smooth white
CC - Custom color and finish (please specify RAL color)⁵

4

Colors and Color temperatures:

22K - 2200K **40K** - 4000K
27K - 2700K **RD** - Red
30K - 3000K **GR** - Green
35K - 3500K **BL** - Blue

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

8

Control:

NO - No Dimming
LT - Lumentalk Dimming⁶
DIM - 0-10V Dimming option⁷
DALI - DALI Dimming option⁸
ES - Lutron® EcoSystem® Enabled Dimming⁹
DMX/RDM - DMX/RDM enabled¹⁰

5

Optics:

Asymmetric

WWLF - Asymmetric Wallwash optic, left feed²
WWRF - Asymmetric Wallwash optic, right feed²

Symmetric

8x8 - 8° x 8°³ **60x60** - 60° x 60°
10x10 - 10° x 10°³ **80x80** - 80° x 80°
30x30 - 30° x 30° **90x90** - 90° x 90°
35x35 - 35° x 35°

9

Option:

ETE - End - to - end configuration, 16" black input cable, no jumper cable needed
CRC - Corrosion-resistant coating for hostile environments
3GV - 3G ANSI C136.31 Vibration Rating¹¹
CE - CE (certification covers European Economic Area)

Notes:

¹ Not available for 1' [0.3m] fixture lengths. ² Right feeding side is standard unless otherwise specified. ³ For best results use with HO fixtures at a 6-inch (15cm) setback from surface. Contact factory for application support. ⁴ Suitable to use when **3GV** option is specified. ⁵ North American RAL colors specified with RAL number only are provided with a smooth/high-gloss finish. Please consult factory for other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary. ⁶ Lumentalk system is enabled with LDB accessory for 1' [0.3m] fixture lengths, see Typical Wiring Diagrams pages for details. 1% minimum dimming value. ⁷ 10% minimum dimming value. Current Sink: 3mA/fixture, Current Source: 0.5mA/fixture. ⁸ 1% minimum dimming value. 1 DALI address per fixture. ⁹ Available for 2' RO [0.6m], 3' [0.9m] and 4' [1.2m] fixture lengths only. 1% minimum dimming value. 1 EcoSystem® address per fixture length. ¹⁰ 1% minimum dimming value. Fixtures set to by fixture resolution. 1 DMX address per fixture. ¹¹ Available with **UMP** and **UMAS** mounting options only.