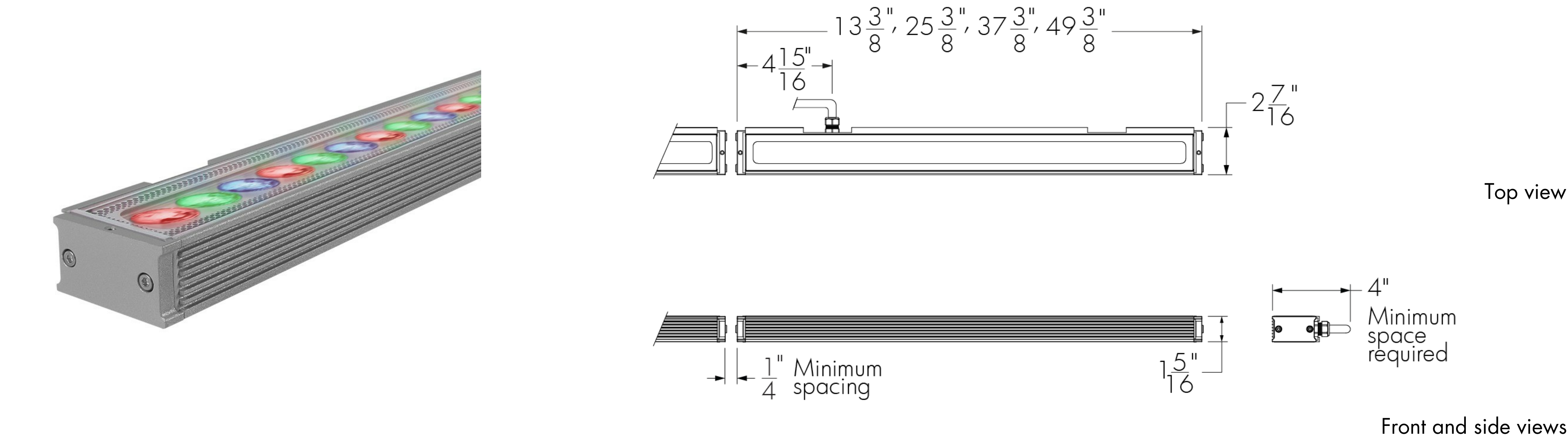


Project Name

Qty

Type

Catalog / Part Number



Photometric Summary

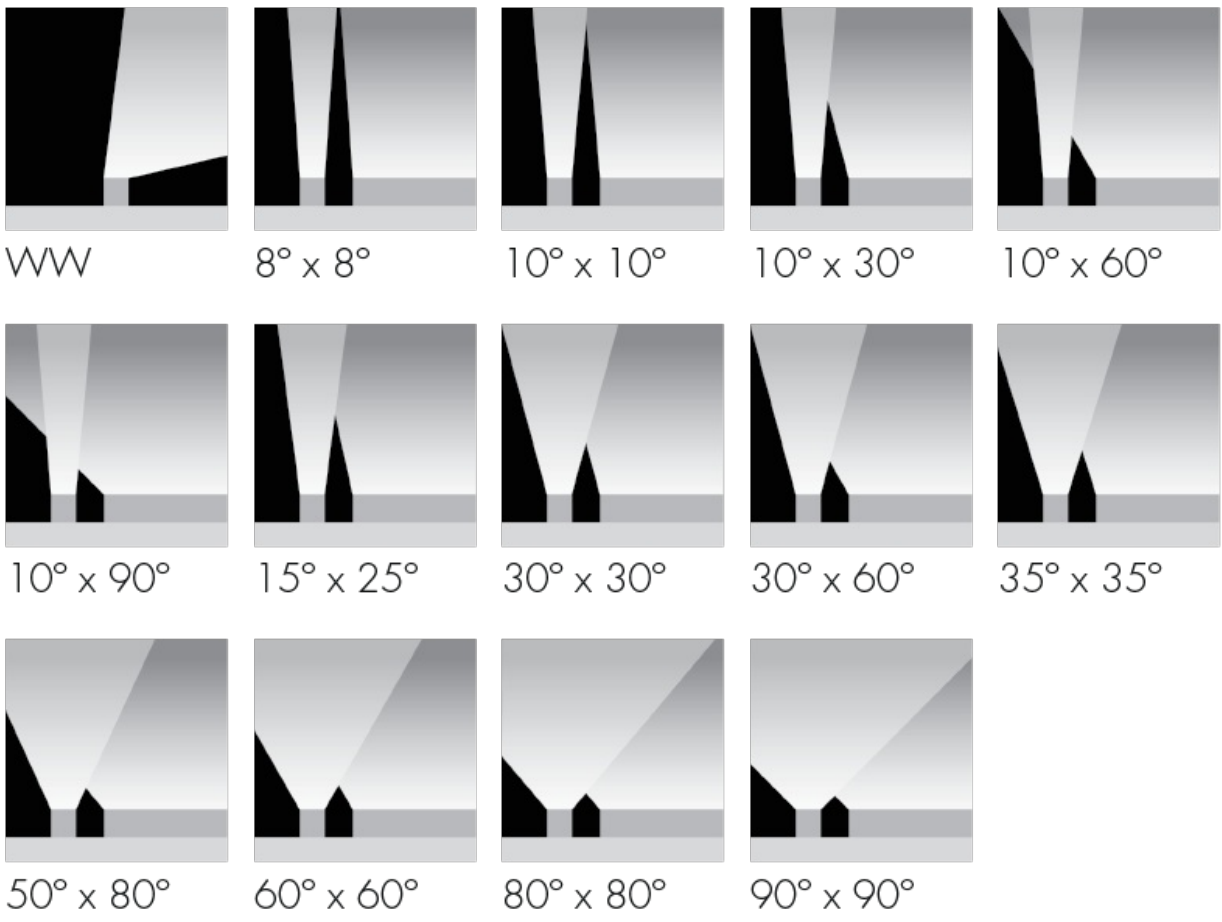
	Delivered output (lm)	Intensity (peak cd)
WW	1,565	2,464
8°x8°	1,901 *	36,611 *
10°x10°	1,771 *	18,023 *
10°x30°	1,800 *	14,126 *
10°x60°	1,898	8,350
10°x90°	1,681 *	3,712 *
30°x30°	1,770 *	6,921 *
30°x60°	1,815 *	2,406 *
60°x60°	1,620 *	1,417 *
90°x90°	1,688 *	886 *

Based on RGB full output, 4ft [1219mm], DMX/RDM configuration.

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

*Estimated. Consult website for the latest photometric files.

Optics



Colors and Color Temperatures



Description

The Lumenfacade Remote Color Changing is a high performance LED luminaire for grazing or flood-lighting exterior facades with color. 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 offers a wide number of options, including: a choice of optics for grazing or floodlighting; RGB, RGBW or RGBA color mixing; 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	Additive RGB, Additive RGB + white 4000K, Additive RGB + amber
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°
Options	Corrosion-resistant coating for hostile environments, 3G ANSI C136.31 Vibration Rating for bridge applications
Power Consumption	15 W/ft DC
Warranty	5-year limited warranty

Controls

DMX

Ratings

IP66IK07*
*asymmetric wallwash lens is IK06 rated

Certifications



Performance

Delivered Output	1,898 lm (48 in fixture, RGB full output, 10° x 60°), 2,215 lm (48 in fixture, RGBW full output, 10° x 60°), 1,442 lm (48 in fixture, RGBA full output, 10° x 60°)
Delivered Intensity	8,350 cd at nadir (48 in fixture, RGB full output, 10° x 60°), 7,300 cd at nadir (48 in fixture, RGBW full output, 10° x 60°), 4,730 cd at nadir (48 in fixture, RGBA full output, 10° x 60°)
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	15V DC (RGB), 12V DC (RGBW, RGBA), Remote power & data supply required
Fixture Cable	Power and data in one cable
Conductors	4C #16-4
Control	DMX enabled, Lumentalk system is enabled with LDB accessory - see typical wiring diagrams for details
Resolution (DMX)	Per foot or per fixture, 3 channels (RGB) or 4 channels (RGBW, RGBA)
RGB Color Mixing	12 LEDs per 12 in (4x Red, 4x Green, 4x Blue)
RGBW Color Mixing	12 LEDs per 12 in (3x Red, 3x Green, 3x Blue, 3x White)
RGBA Color Mixing	12 LEDs per 12 in (3x Red, 3x Green, 3x Blue, 3x Amber)

Environmental

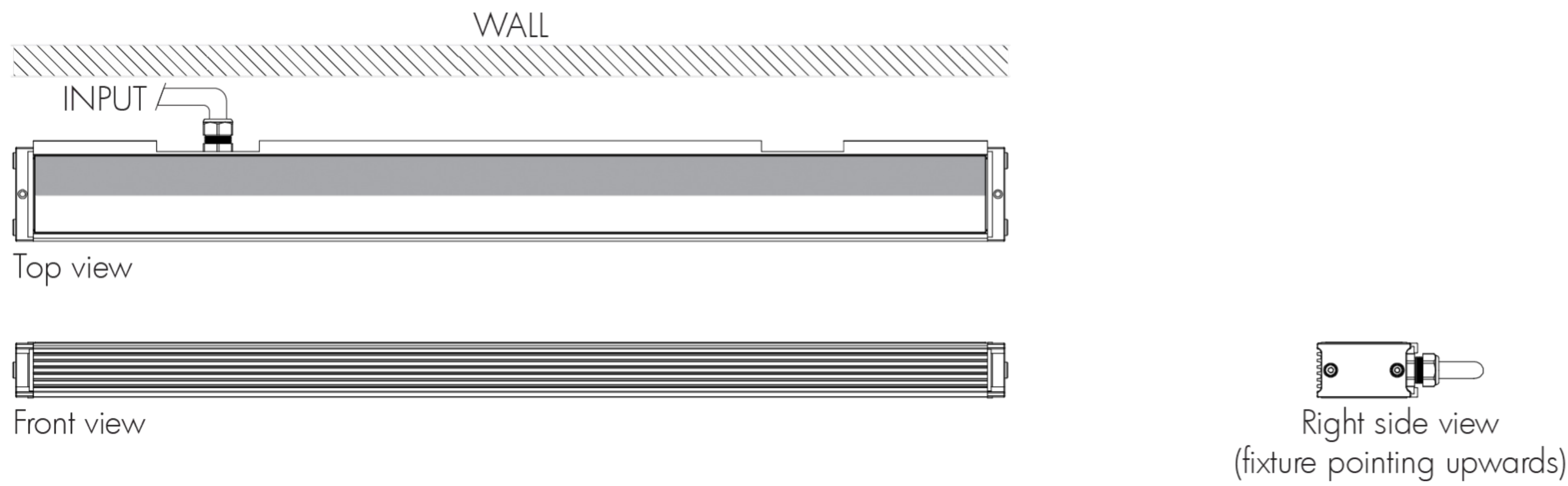
Storage Temperature	-40 °F to 185 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-13 °F to 122 °F
Operating Temperature	-40 °F to 122 °F
Ingress Protection Rating	IP66
Impact Resistance Rating	IK07 (asymmetric wallwash lens is IK06 rated)

Accessories (order separately)

Control and Power Supply Boxes	DMX/RDM control box, Lumentalk Data Bridge
Control Systems	Lumentone™ 2, Pharos® kit
Diagnostic and Addressing Tools	LumenID, LumentalkID

Asymmetric wallwash optic details

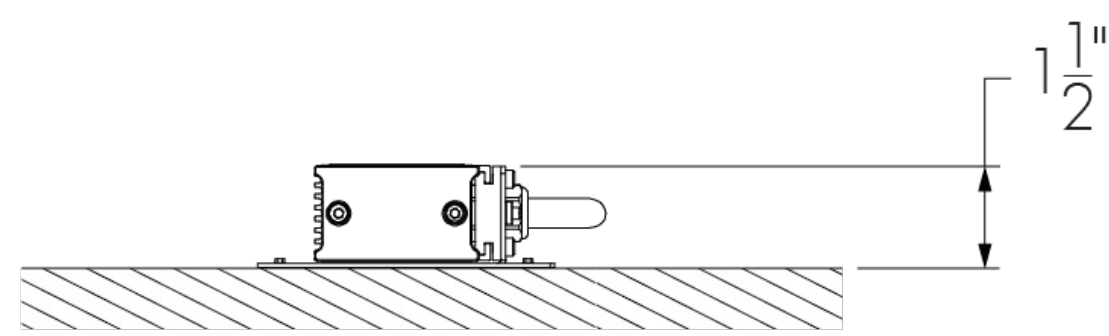
WW - Asymmetric wallwash



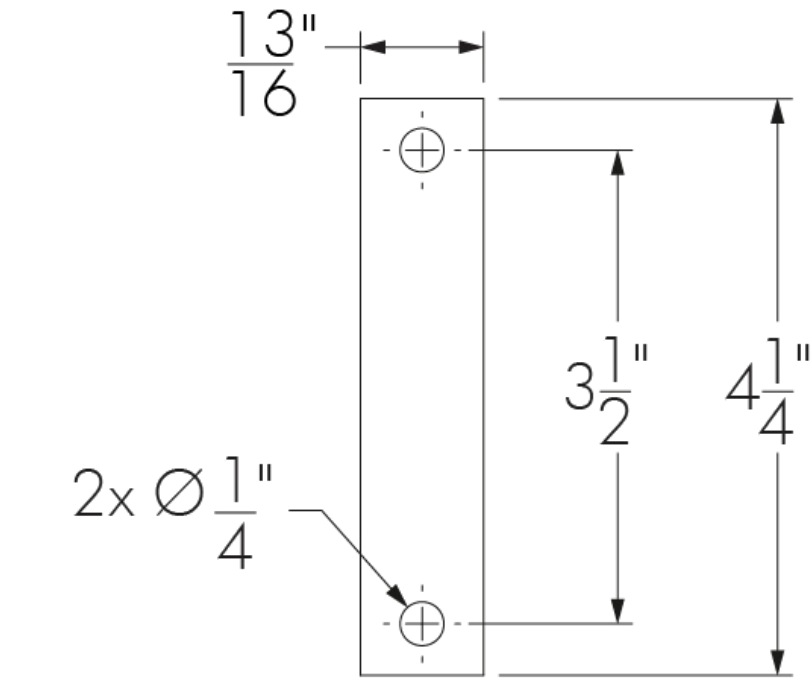
- Always position frosted side toward the wall.
- Recommended setback from wall is 1/10 of the wall height. Example: 2 ft setback for a 20 ft wall.

Mounting options

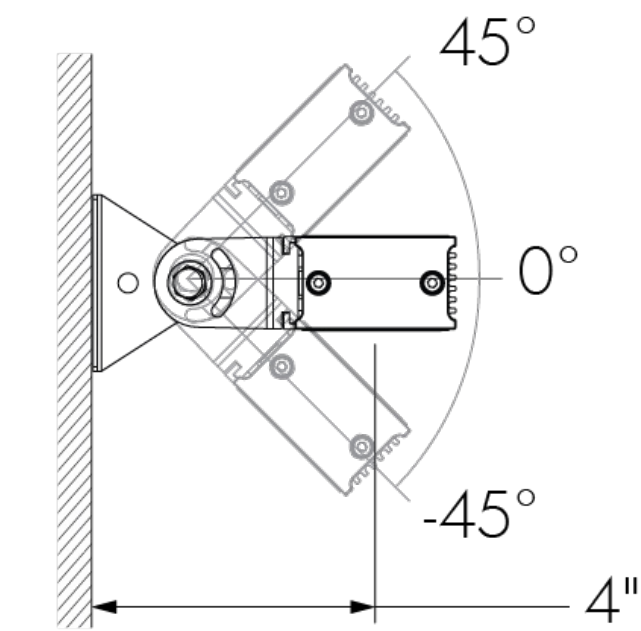
UMPR - Fixed Mounting Remote version



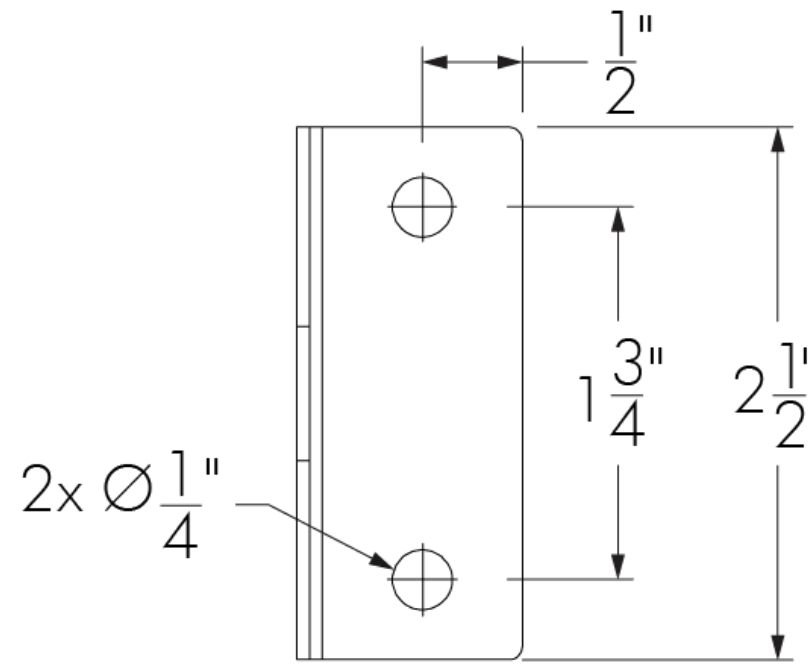
UMPR - Mounting hole pattern



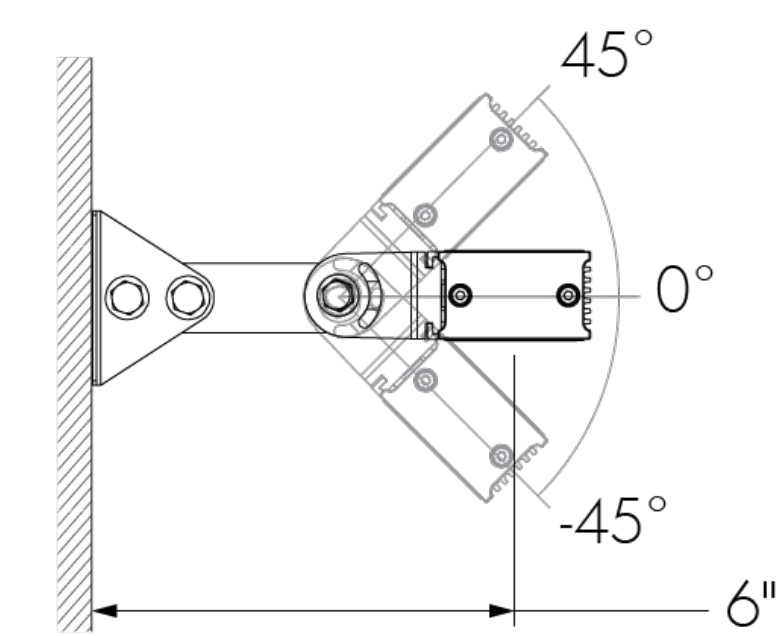
WAMR3 - Adjustable Arm Mounting 3 in Remote version



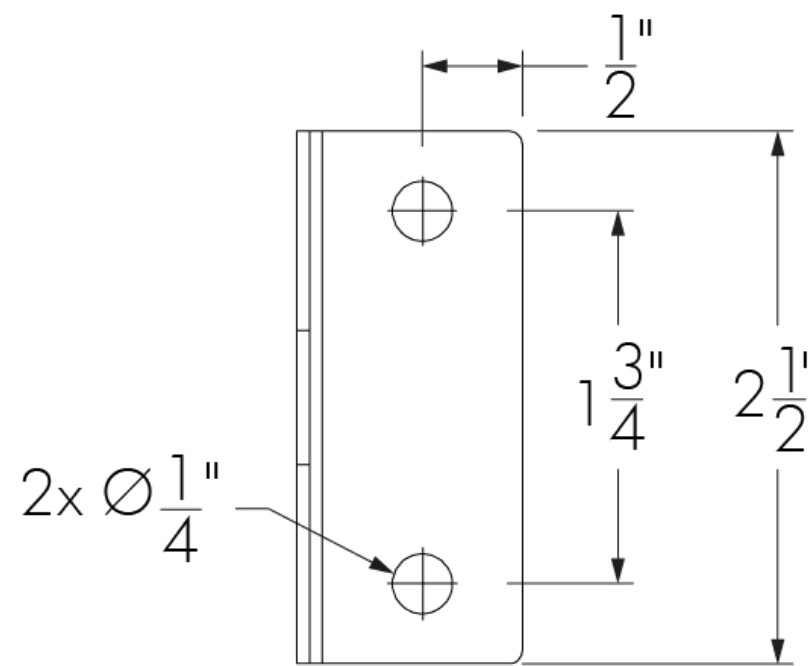
WAMR3 - Mounting hole pattern



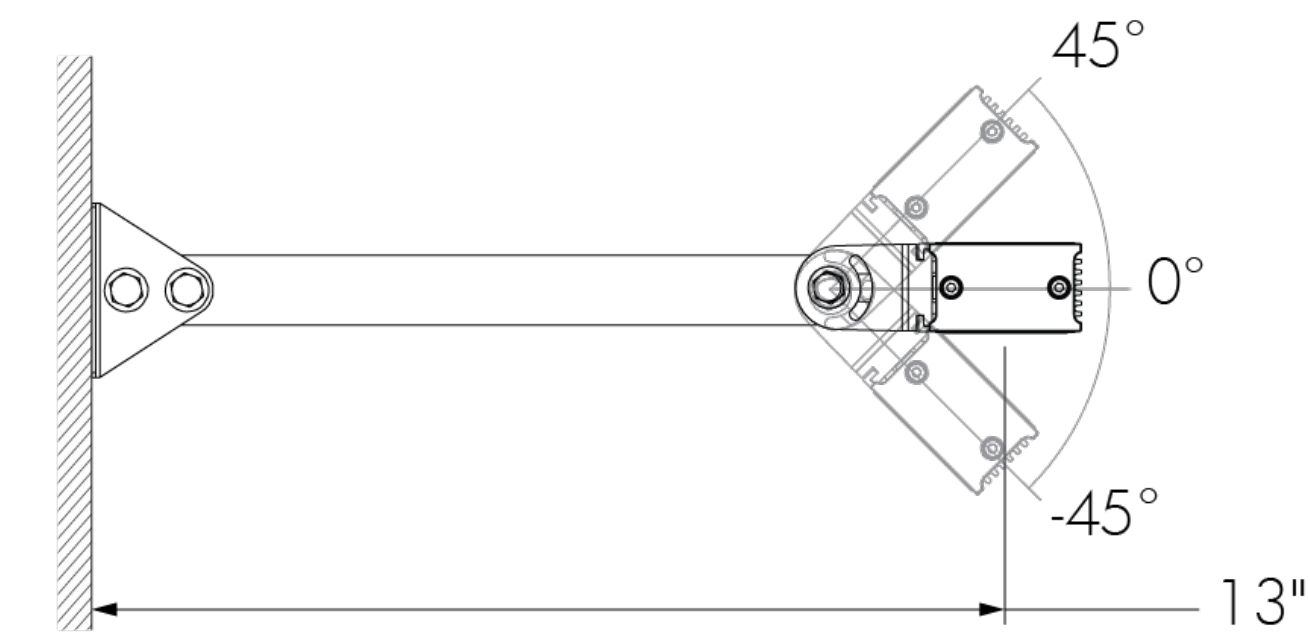
WAMR6 - Adjustable Arm Mounting 6 in Remote version



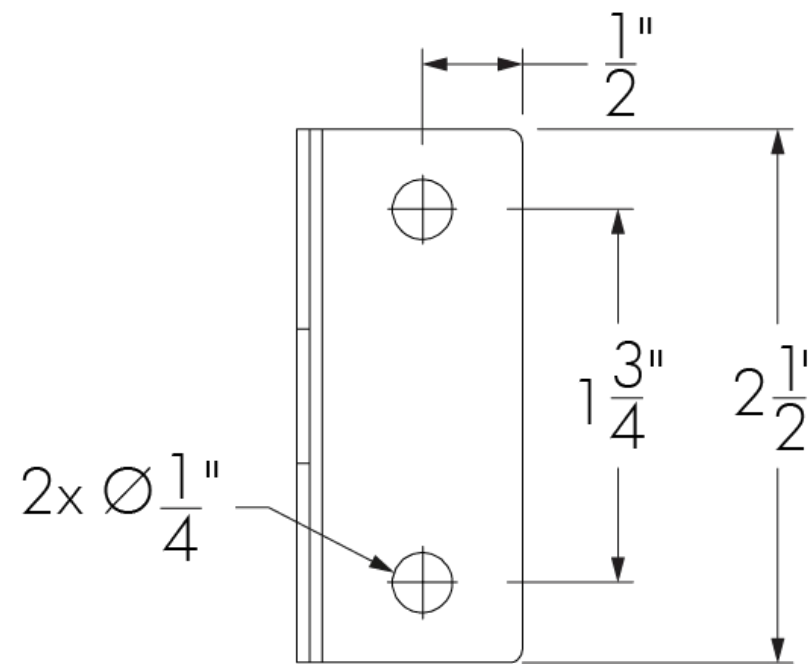
WAMR6 - Mounting hole pattern



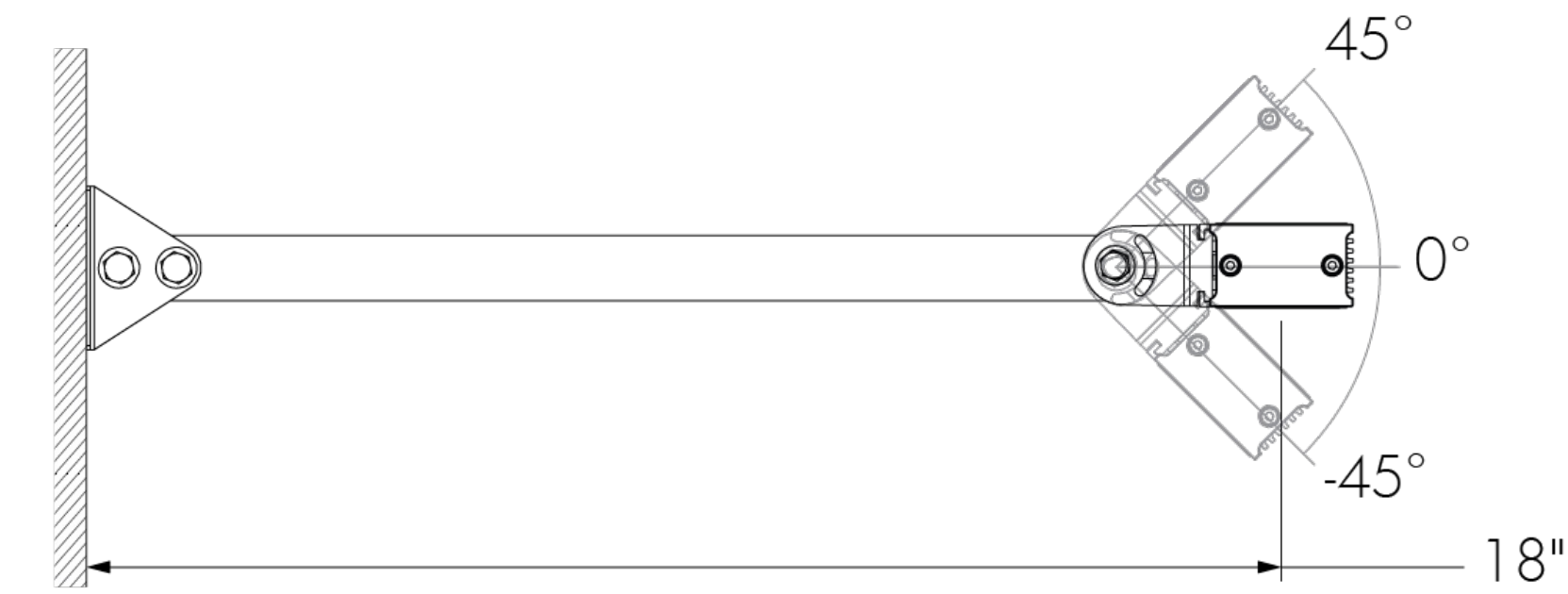
WAMR12 - Adjustable Arm Mounting 12 in Remote version



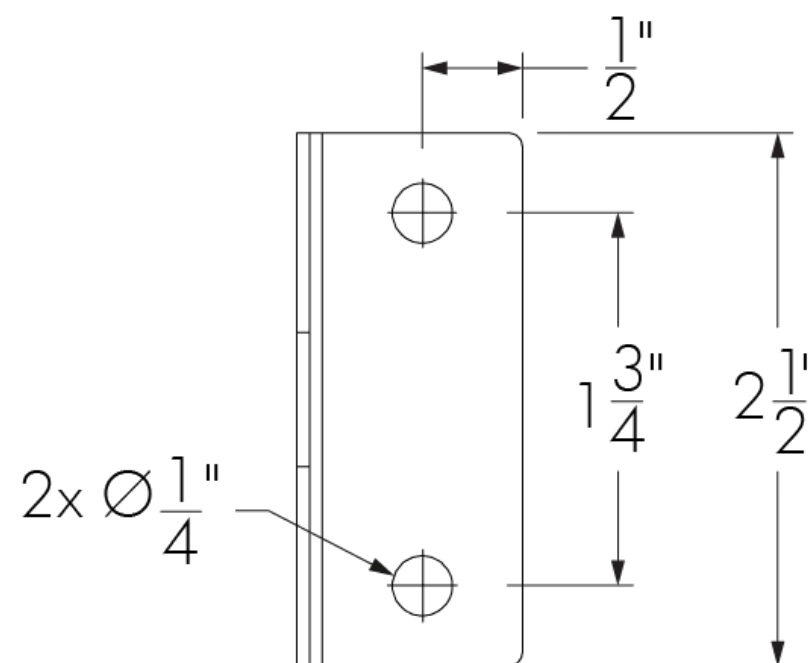
WAMR12 - Mounting hole pattern



WAMR18 - Adjustable Arm Mounting 18 in Remote version

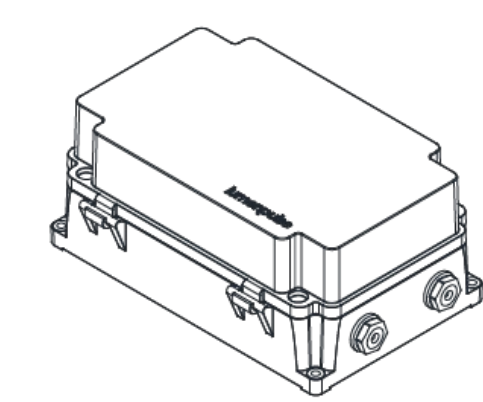


WAMR18 - Mounting hole pattern



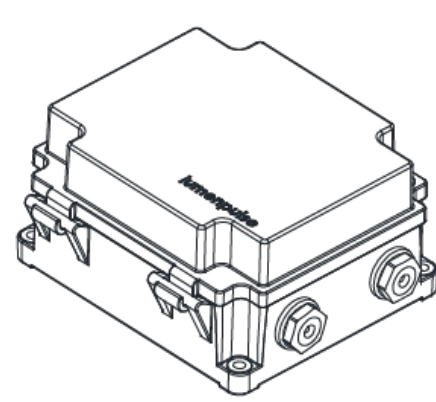
Control and power supply boxes (order separately)

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.

LDB - Lumentalk Data Bridge



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

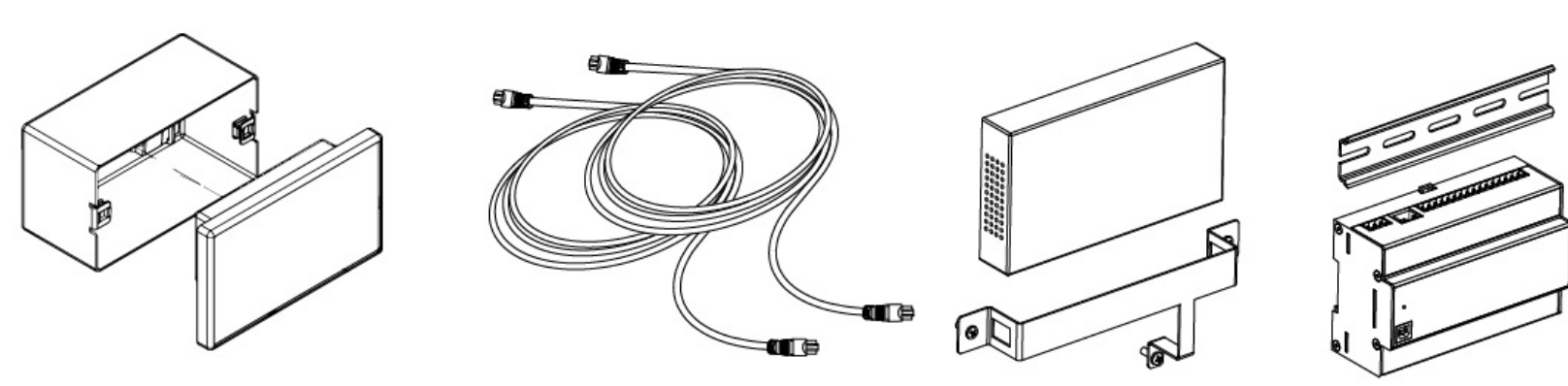
Control systems (order separately)

LTN2 - Lumentone™ 2



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

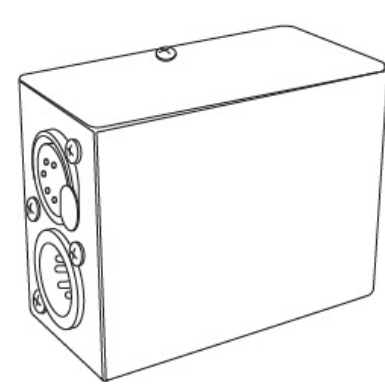
PHAROS - Pharos® kit



The Pharos kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations. 2 DMX universes kit shown.

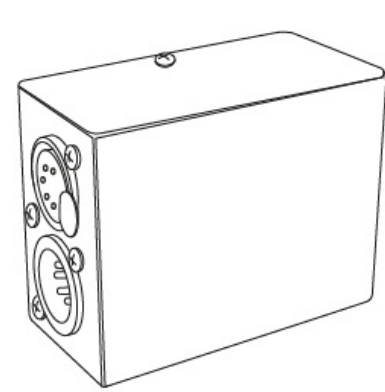
Diagnostic and addressing tools (order separately)

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

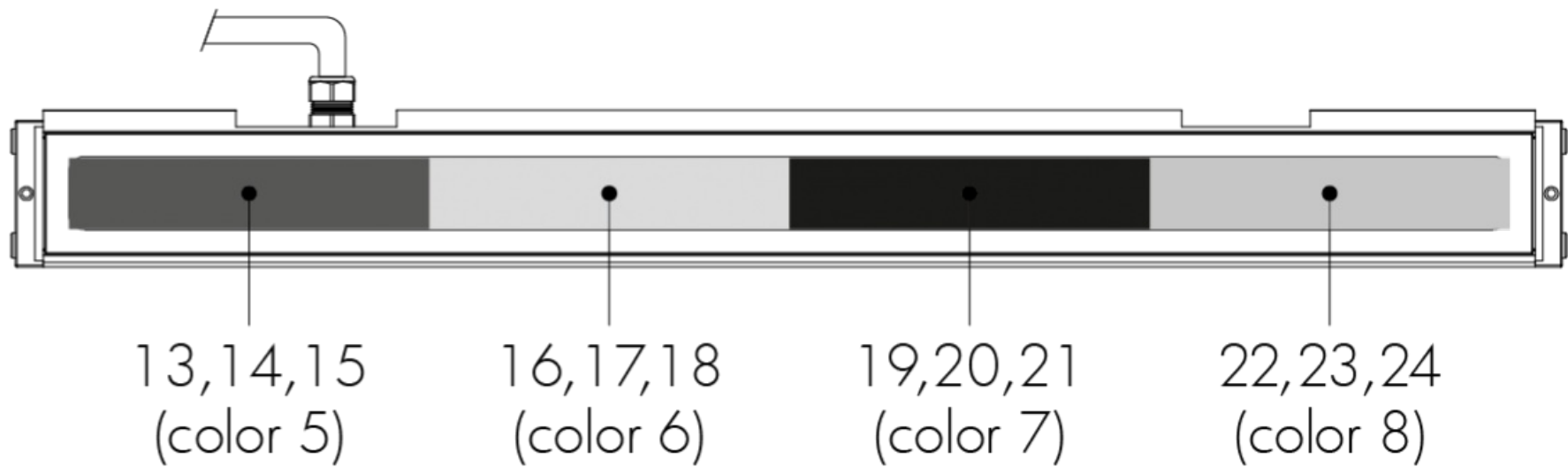
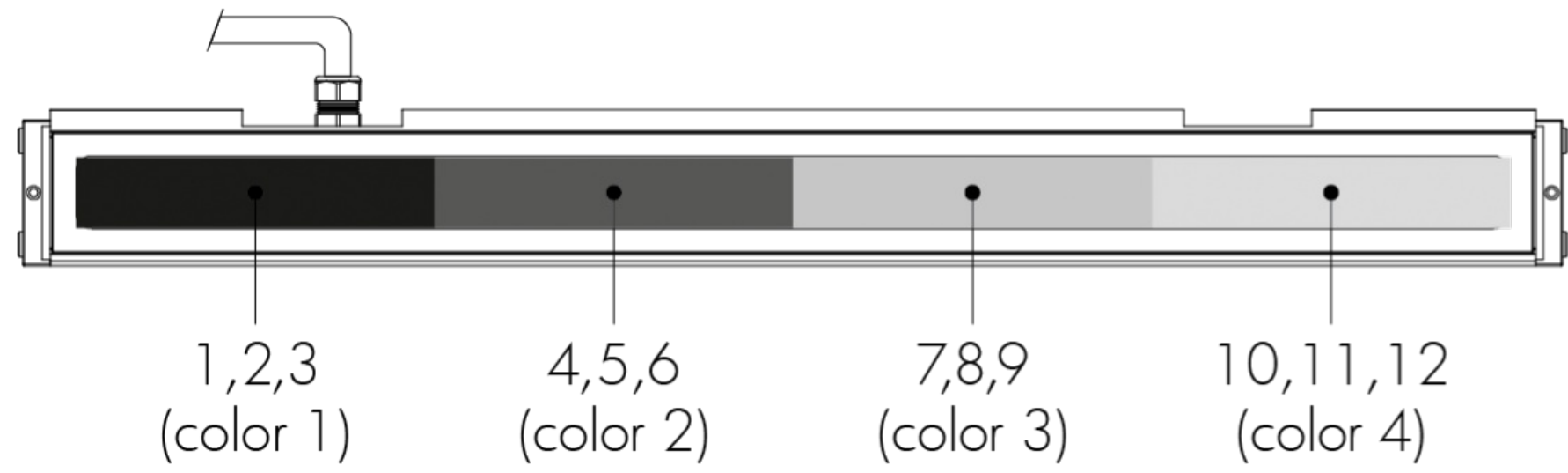


LumentalkID is a diagnostic and addressing tool. It must be specified for all Lumentalk (LT) applications. Consult LID-LT specification sheet for details.

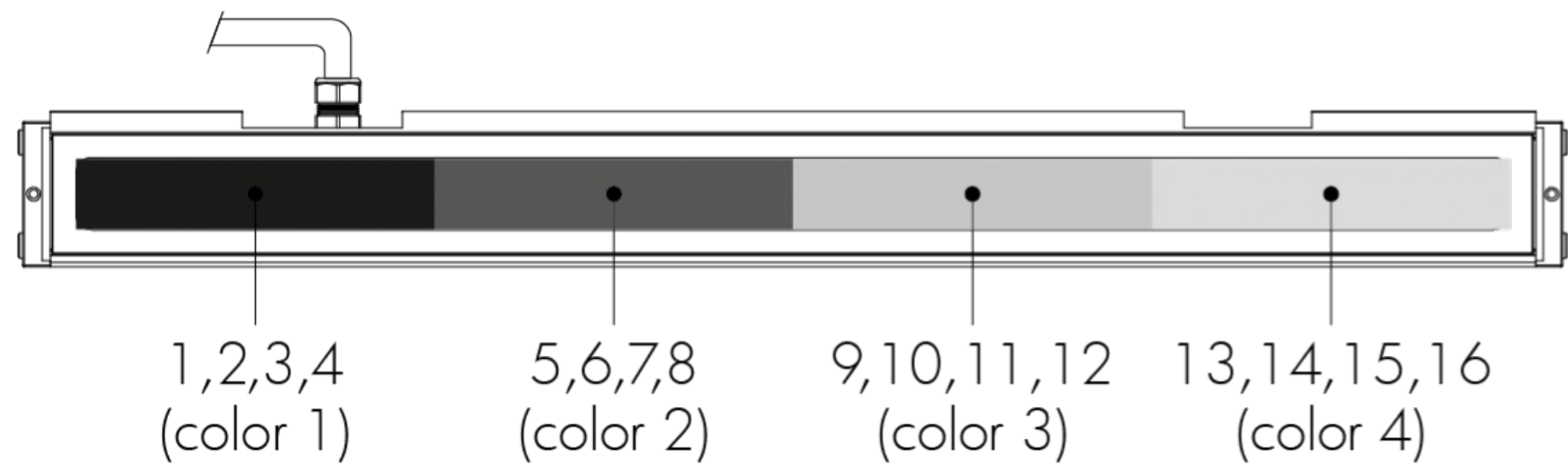
Resolution details

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

DMX addresses:



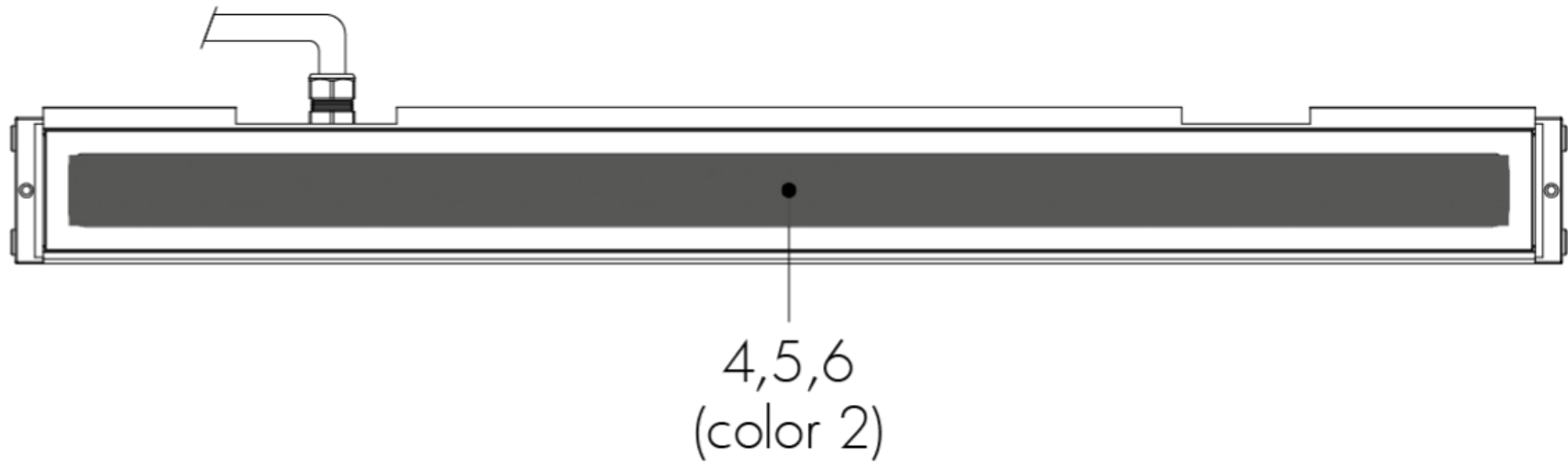
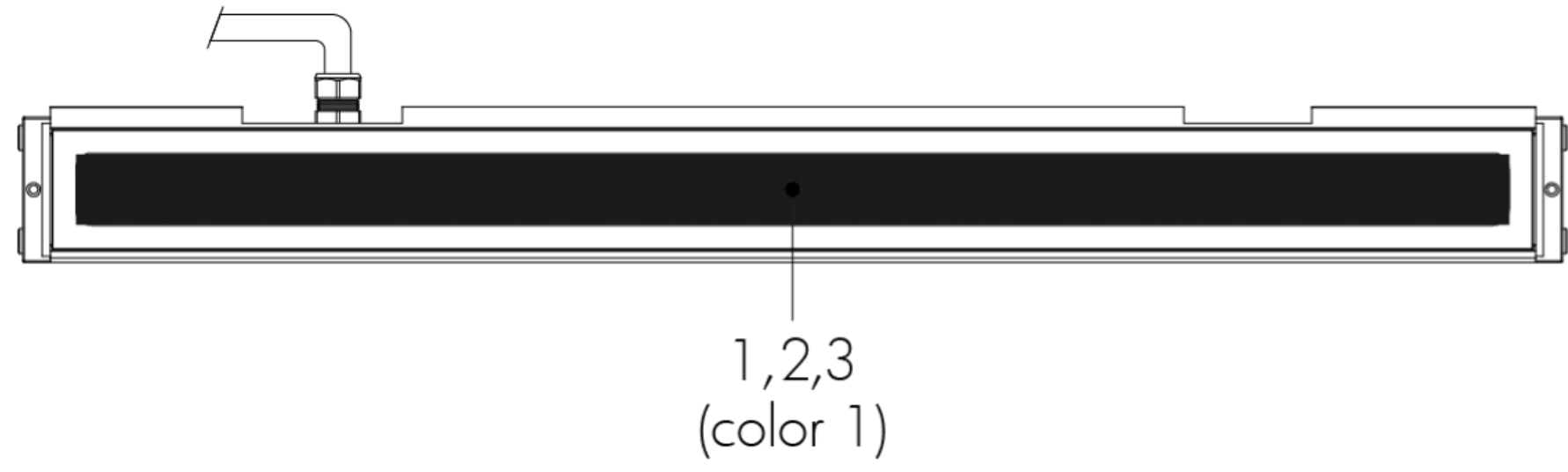
RGB color mixing option



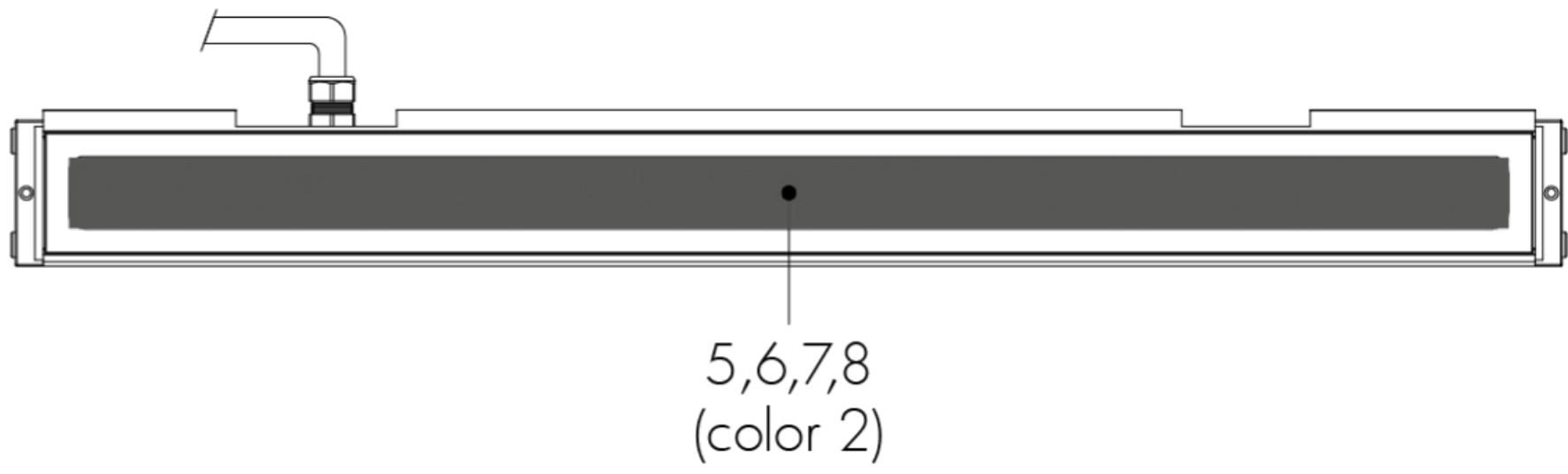
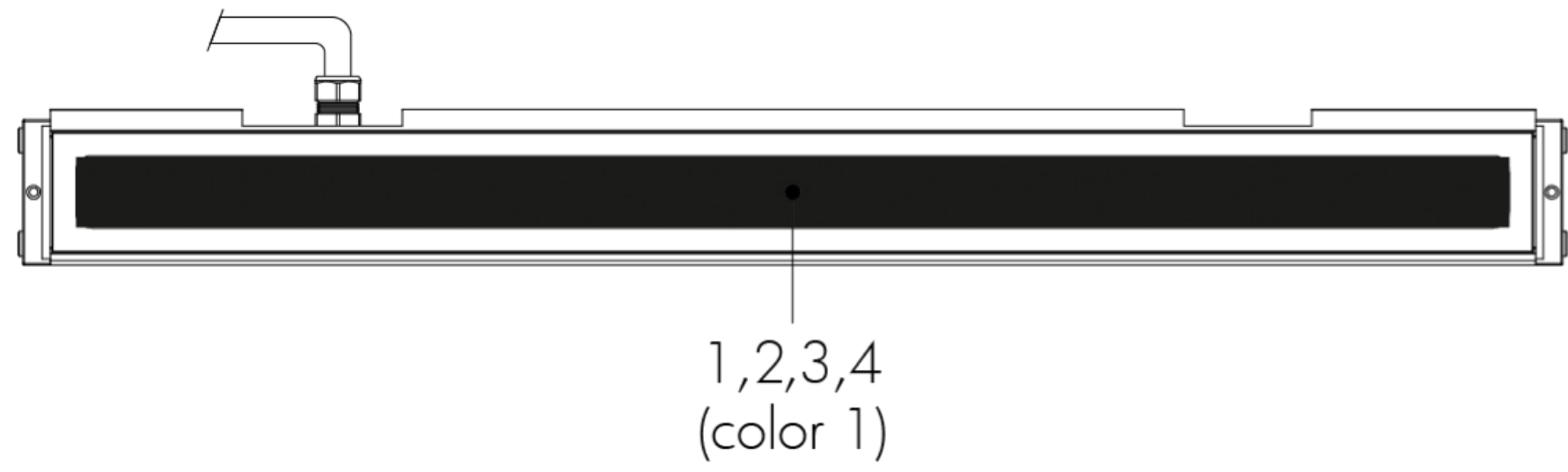
RGBW, RGBA color mixing options

1FX - Resolution per fixture: each fixture is addressed independently

DMX addresses:



RGB color mixing option



RGBW, RGBA color mixing options

- 48 in fixtures shown.
- 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 -

Maximum fixture cable length

RGB - 15V DC

Fixture length	Maximum fixture cable length
12 in	100 ft
24 in	90 ft
36 in	60 ft
48 in	45 ft

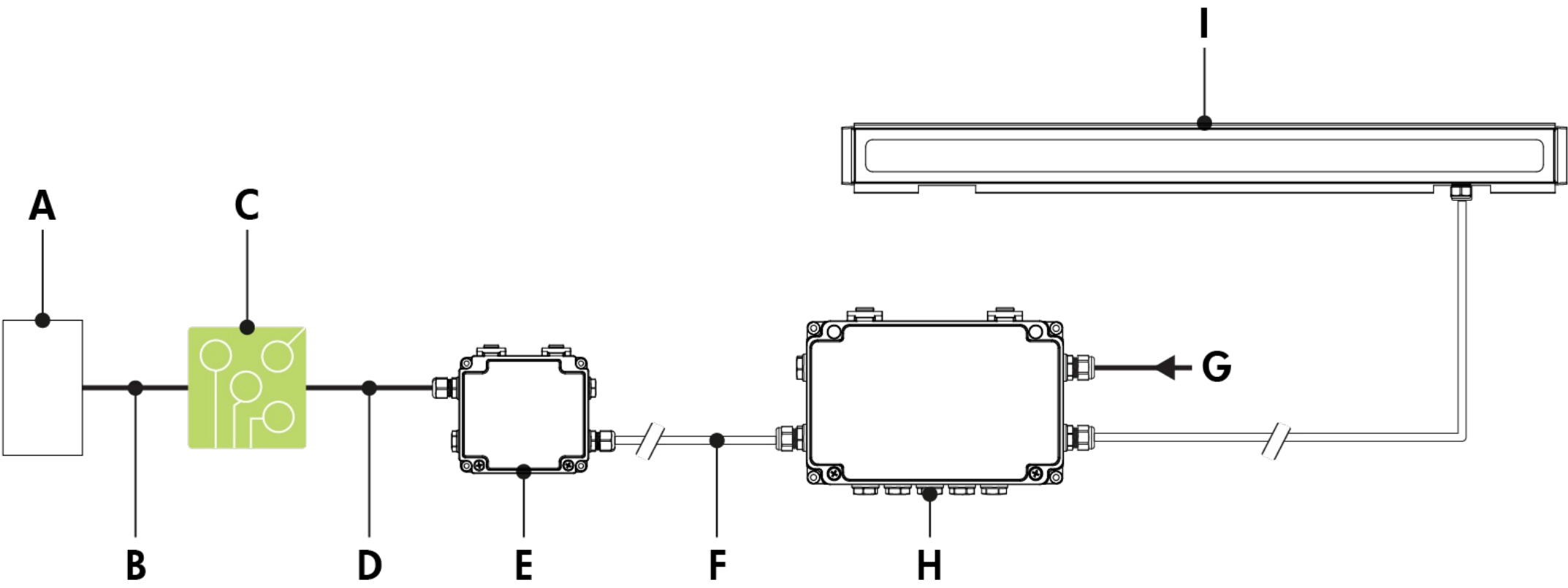
RGBW - 12V DC

Fixture length	Maximum fixture cable length
12 in	100 ft
24 in	70 ft
36 in	45 ft
48 in	35 ft

RGBA - 12V DC

Fixture length	Maximum fixture cable length
12 in	100 ft
24 in	70 ft
36 in	45 ft
48 in	35 ft

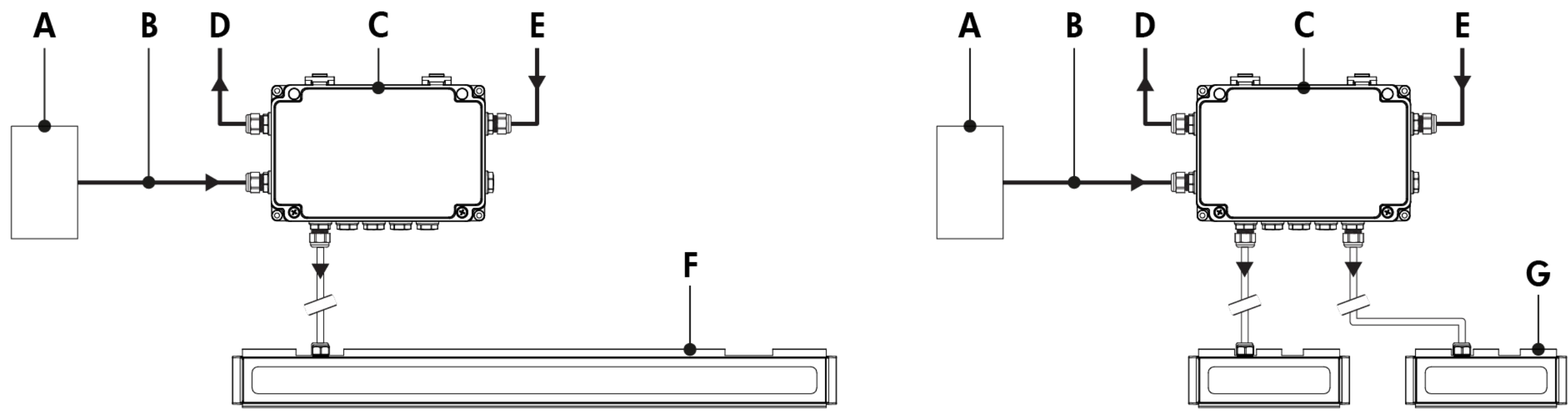
Lumentalk (LT using LDB-DMX)



- A** - DMX controller (order separately from Lumenpulse, or by others)
- B** - Data wiring (by others)
- C** - Lumentranslator (LTL-DMX)
- D** - Power line (100-277V AC, wiring by others)
- E** - Lumentalk Data Bridge (LDB-DMX)
- F** - Data wiring (by others)
- G** - Power input (100-277V, wiring by others)
- H** - CBX60
- I** - Lumenfacade Remote

- Consult CBX60 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 1FT or 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.
- 15 W/ft DC.

DMX (1FT or 1FX)



- 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 (optional, not isolated/not boosted)
- E** - Power input (100-277V, wiring by others)
- F** - Lumenpulse Remote
- G** - Lumenpulse Remote

- Consult CBX60 installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 6 outputs per CBX60.
- 15 W/ft DC.

How to order							
1	2	3	4	5	6	7	8
9	10						

1 . Housing

LOGR	Lumenfacade™ Remote Power Supply
------	----------------------------------

2 . Cable Length

10FT	10 ft
20FT	20 ft
30FT	30 ft
50FT	50 ft ⁽¹⁾
70FT	70 ft ⁽²⁾
100FT	100 ft ⁽³⁾

⁽¹⁾ Not available for 36 in RGBW, 36 in RGBA or 48 in fixture lengths.

⁽²⁾ Not available for 36 in or 48 in fixture lengths.

⁽³⁾ Not available for 24 in, 36 in or 48 in fixture lengths.

3 . Voltage

15V	15V DC fixture ⁽¹⁾
12V	12V DC fixture ⁽²⁾

⁽¹⁾ Available for RGB color option only.

⁽²⁾ Available for RGBW and RGBA color options only.

4 . Length

12	13 3/8 in (2.1 lbs) ⁽¹⁾
24	25 3/8 in (3.9 lbs)
36	37 3/8 in (5.6 lbs)
48	49 3/8 in (7.4 lbs)

⁽¹⁾ To connect to the Lumentalk system, 1FT or 1FX 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.

5 . Color and Color Temperature

RGB	Additive RGB
RGBW	Additive RGB + white 4000K standard. 2700K, 3000K and 3500K available, consult factory. ⁽¹⁾
RGBA	Additive RGB + amber

⁽¹⁾ Longer lead times apply for Royal Blue, 2700K, 3000K and 3500K white color temperature mixes.

6 . Control ⁽¹⁾ ⁽²⁾

1FT	DMX resolution per foot
1FX	DMX resolution per fixture

⁽¹⁾ To connect to the Lumentalk system, 1FT or 1FX 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.

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

7 . Optics

WW	Asymmetric Wallwash
8x8	8° x 8° ⁽¹⁾
10x10	10° x 10° ⁽¹⁾
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°

⁽¹⁾ For best results, we recommend a 6 in setback from surface. Contact factory for application support.

10 . Options

CRC	Corrosion-resistant coating for hostile environments ⁽¹⁾
3GV	3G ANSI C136.31 Vibration Rating for bridge applications ⁽²⁾

⁽¹⁾ Use only when exposed to salt spray and harsh chemicals. This option is not required for normal outdoor exposure.

⁽²⁾ Available with UMPR mounting option only.

8 . Mounting Options

UMPR	Fixed Mounting Remote version ⁽¹⁾
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

⁽¹⁾ Suitable to use when 3GV option is specified.

9 . Finish

BK	Black Sandtex®
BRZ	Bronze Sandtex®
SI	Silver Sandtex®
WH	Smooth white
CC	Custom color and finish (please specify RAL color) ⁽¹⁾

⁽¹⁾ 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.