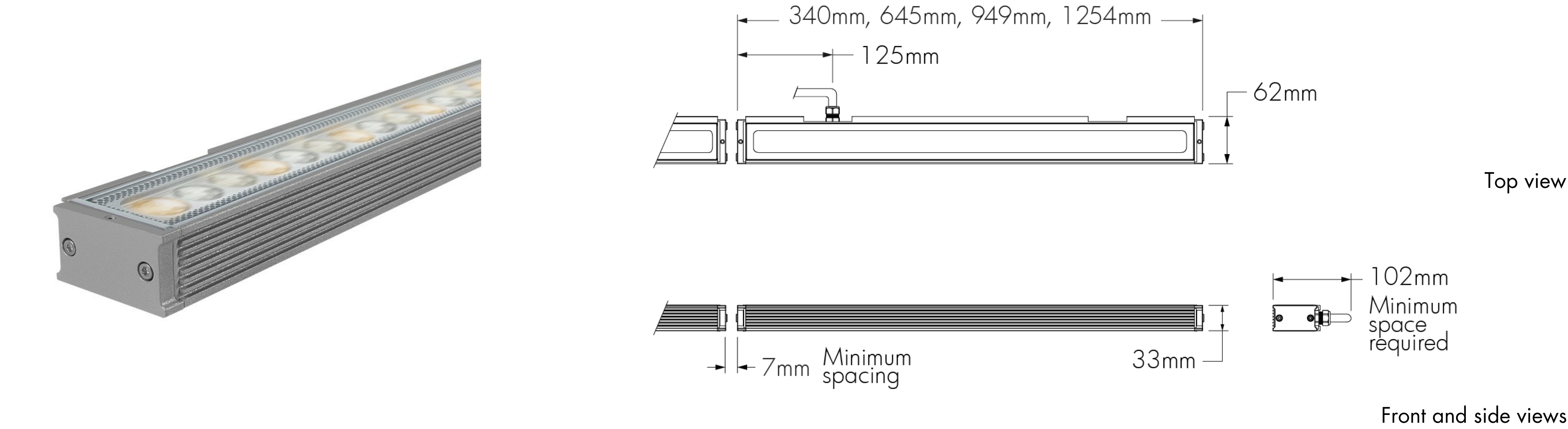


Project Name

Qty

Type

Catalog / Part Number



Photometric Summary

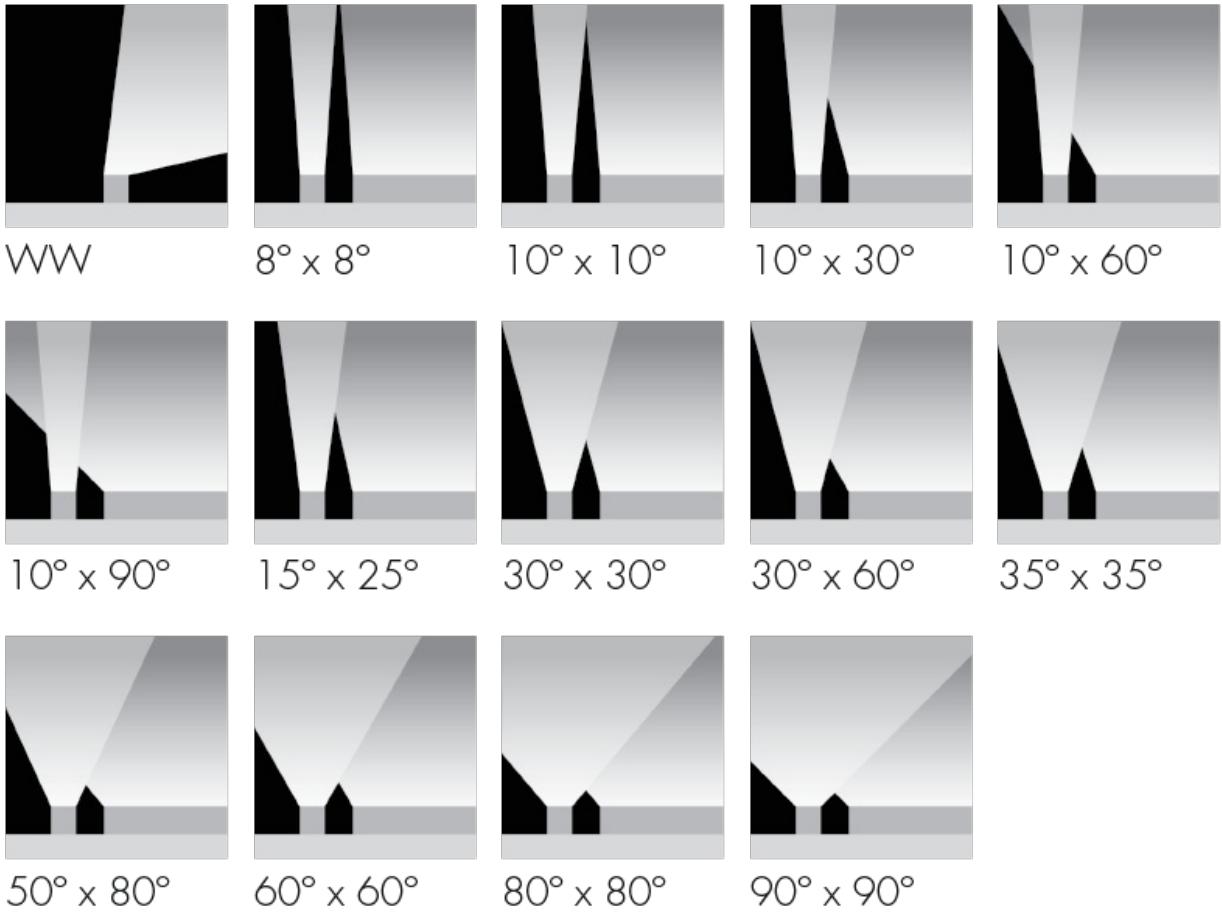
	Delivered output (lm)	Intensity (peak cd)
WW	2,333	3,501
8°x8°	2,912*	56,085*
10°x10°	2,713*	27,609*
10°x30°	2,758*	21,640*
10°x60°	2,599	11,696
10°x90°	2,575*	5,686*
30°x30°	2,711*	10,603*
30°x60°	2,781*	3,686*
60°x60°	2,482*	2,171*
90°x90°	2,586*	1,358*

Based on DWH 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



Colours and Colour Temperatures



Description

The Lumenfacade Remote Dynamic White is a high-performance, linear LED luminaire for grazing and floodlighting façades. It has a remote power supply, ensuring a slim profile that is easier to integrate into architecture. A special feature allows the selection of any colour temperature from 2200K to 3000K or 2700K to 6500K, enabling the ambience of a space to be adjusted. Available in 305 mm, 610 mm, 914 mm or 1219 mm sections, the luminaire is configurable with a number of options including: optics for grazing or floodlighting; various mounting options, finishes, accessories and controls. A unique asymmetric wallwash distribution is also available, providing exceptional uniformity and brightness for walls and signage.

Features

Colour and Colour Temperature	Dynamic warm white (2200K to 3000K), Dynamic white (2700K to 6500K)
Length (nominal)	305 mm, 610 mm, 914 mm, 1219 mm
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	49.21 W/m DC
Warranty	5-year limited warranty

Performance

Illuminance at Distance	Minimum 1 fc at 32.9 m (1219 mm fixture, DWH full output, 10° x 60°, DMX/RDM)
Lumen Maintenance	L70 280,000 hrs, L95 35,000 hrs

Controls

DMX

Ratings

IP66 IK07*
*asymmetric wallwash lens is IK06 rated

Certifications



Physical

Housing Material	Low copper content extruded aluminium
Lens Material	Clear tempered glass
Hardware Material	Stainless steel
End Cap Material	Machined aluminium
Gasket Material	Silicone
Surface Finish	Electrostatically applied polyester powder coat
Weight	305 mm: 0.95 kg, 610 mm: 1.77 kg, 914 mm: 2.54 kg, 1219 mm: 3.36 kg

Electrical and control

Voltage	15V DC, 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
Dynamic Warm Colour Temperature Mixing	12 LEDs per 305 mm (4x 2200K, 4x 2700K, 4x 3000K)
Dynamic White Colour Temperature Mixing	12 LEDs per 305 mm (4x 2700K, 4x 4000K, 4x 6500K)

Environmental

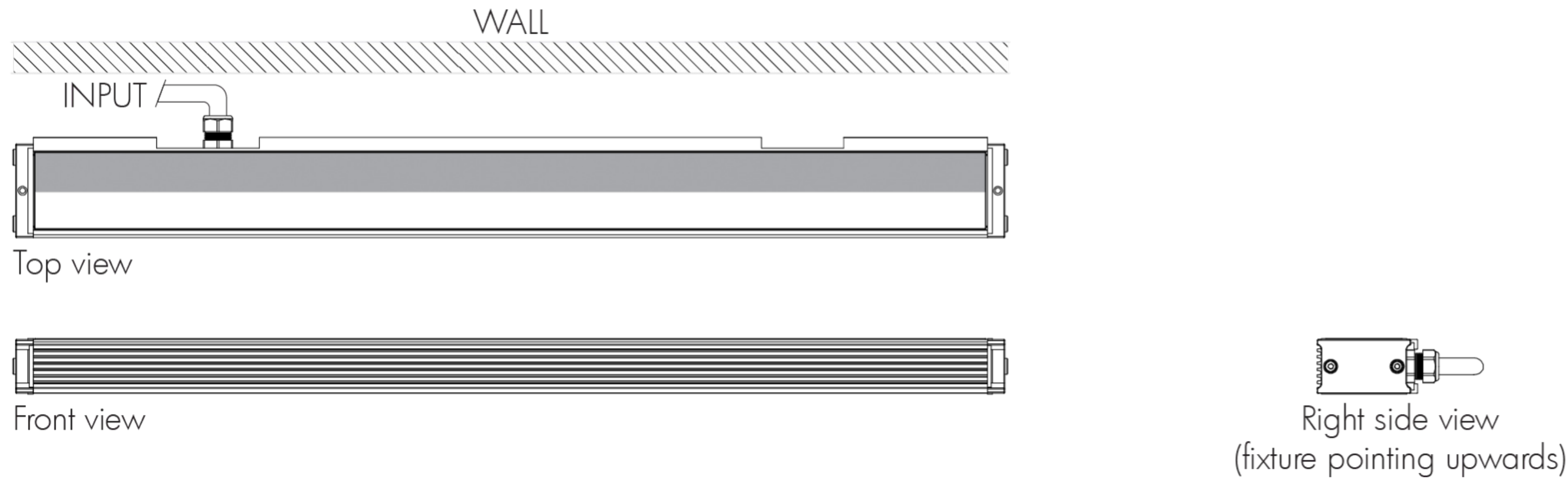
Storage Temperature	-40 °C to 85 °C (device must reach start-up temperature value before operating)
Start-up Temperature	-25 °C to 50 °C
Operating Temperature	-40 °C to 50 °C
Ingress Protection Rating	IP66
Impact Resistance Rating	IK07 (asymmetric wallwash lens is IK06 rated)

Accessories (order separately)

Optical Accessories	Lumenfacade Remote Radial Louvre
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

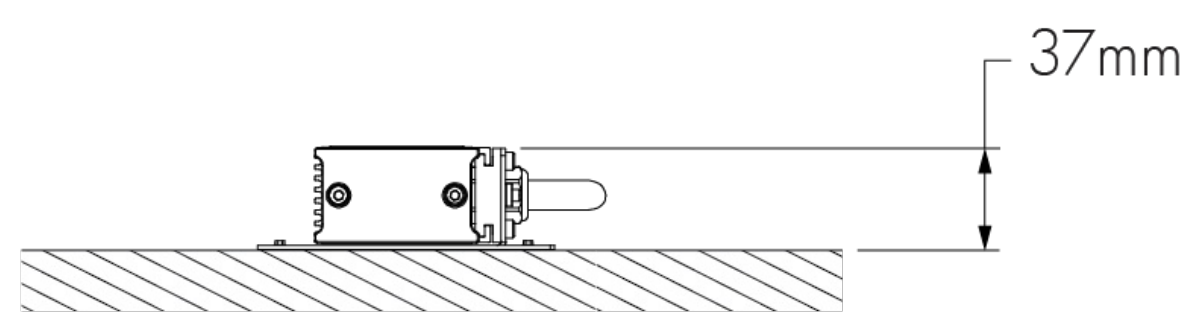
WW - Asymmetric wallwash



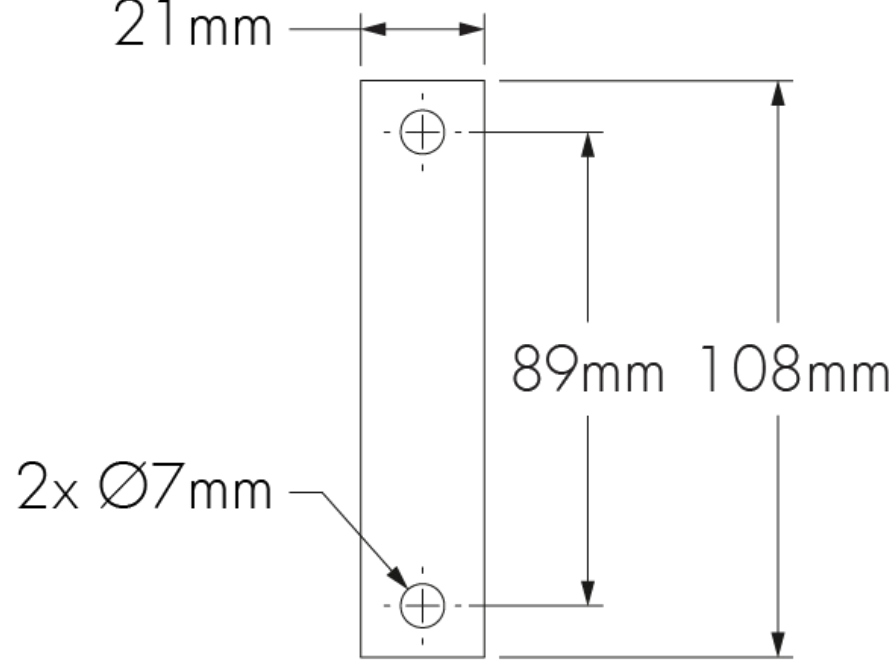
- Always position frosted side toward the wall.
- Recommended setback from wall is 1/10 of the wall height. Example: 0.6 m setback for a 6.1 m wall.

Mounting options

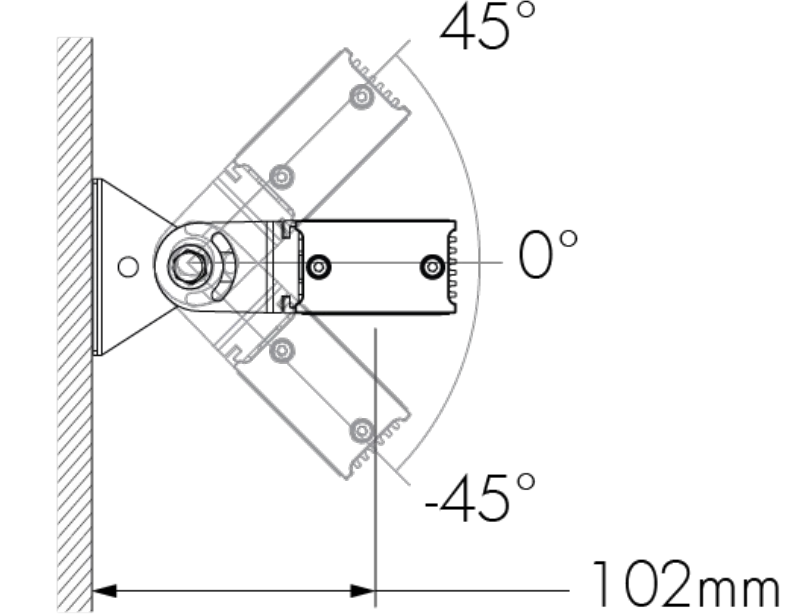
UMPR - Fixed Mounting Remote version



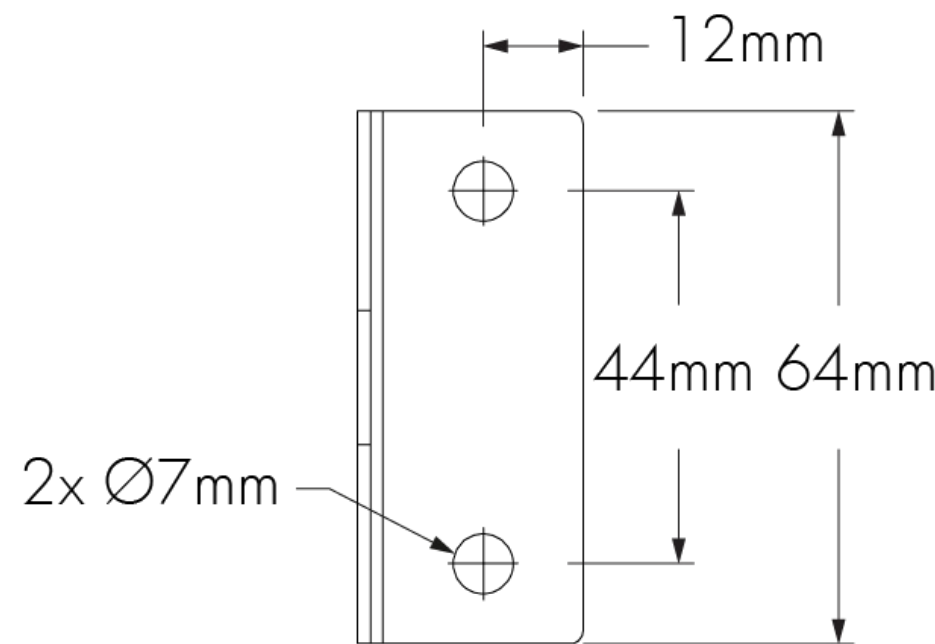
UMPR - Mounting hole pattern



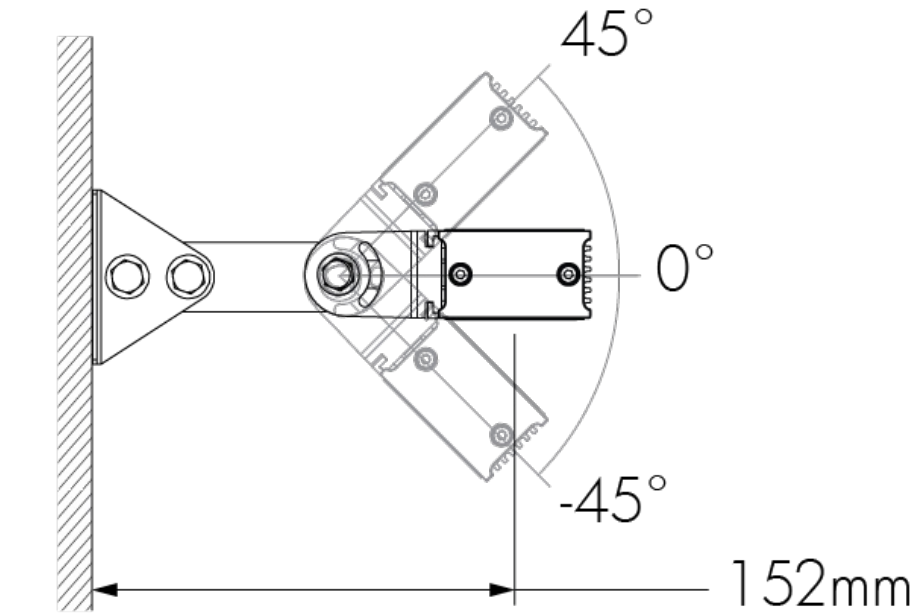
WAMR3 - Adjustable Arm Mounting 76 mm Remote version



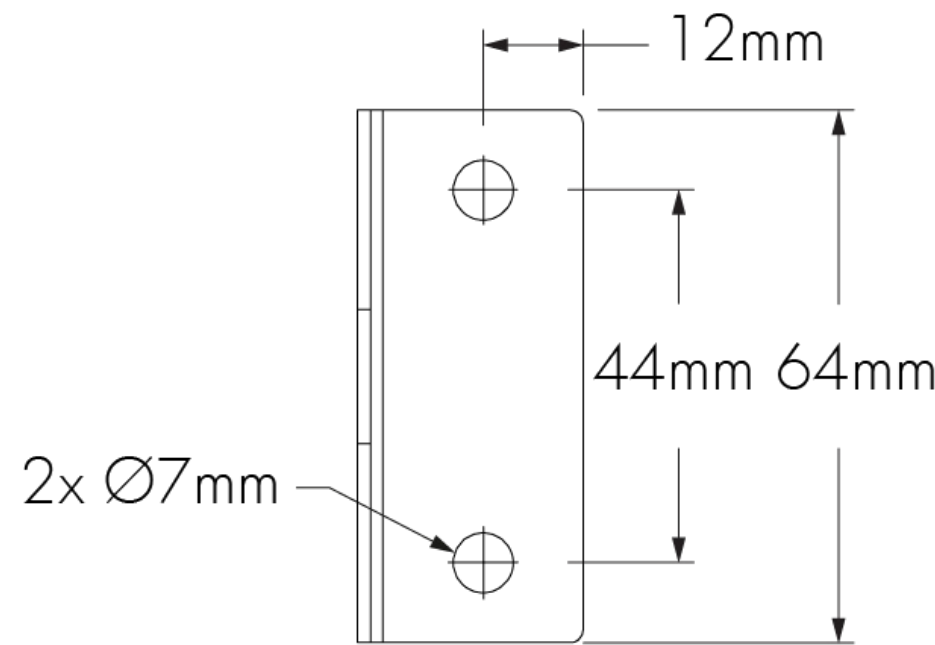
WAMR3 - Mounting hole pattern



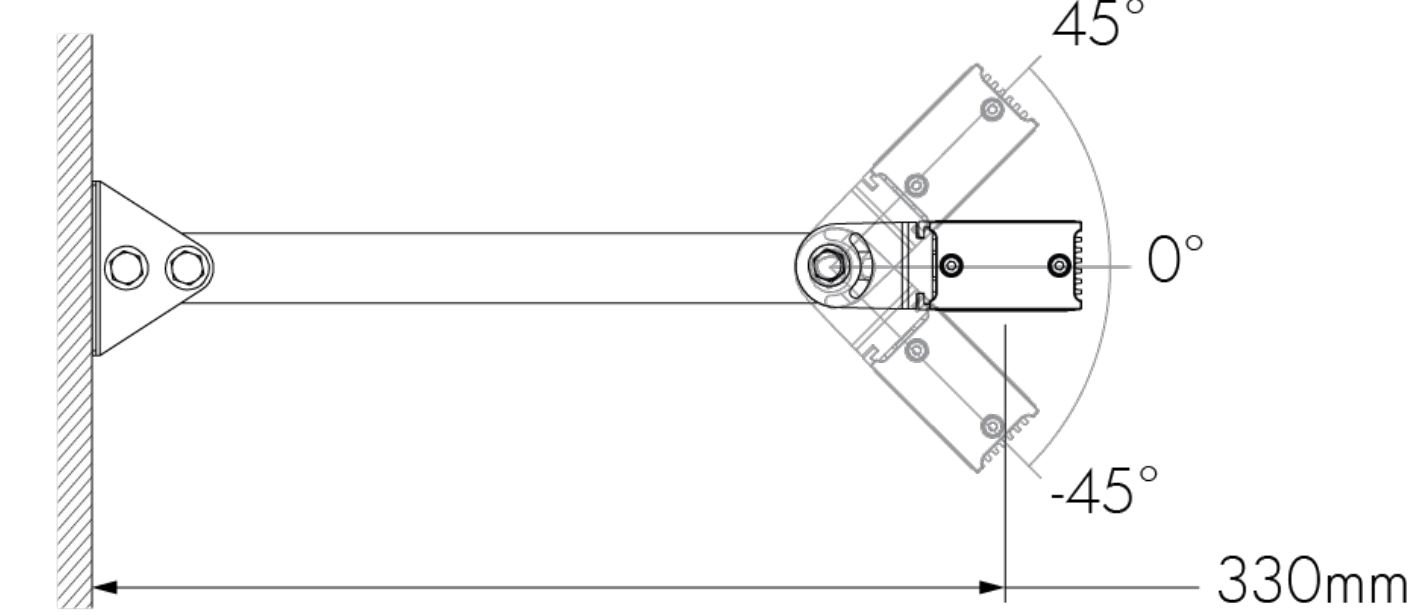
WAMR6 - Adjustable Arm Mounting 152 mm Remote version



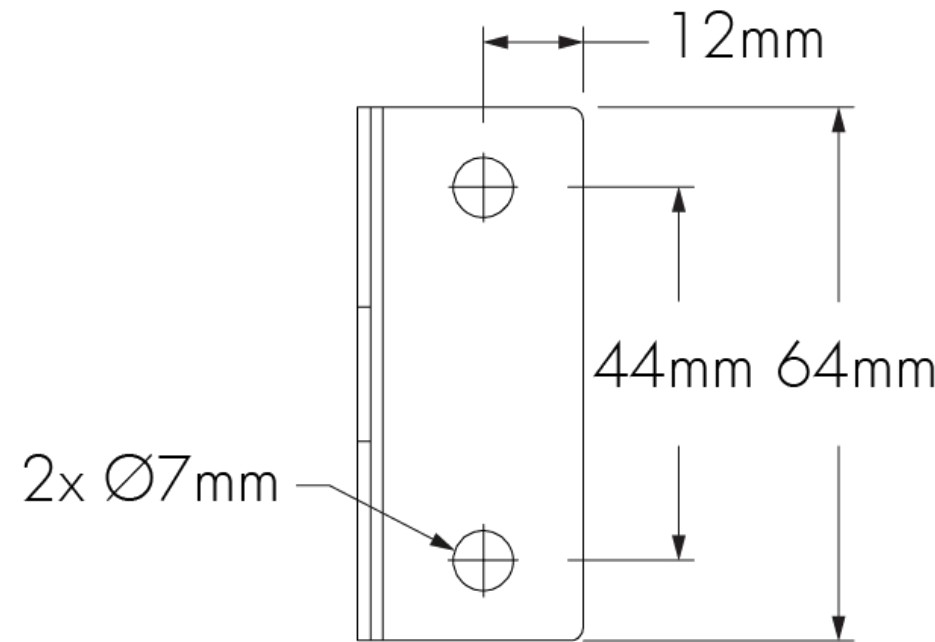
WAMR6 - Mounting hole pattern



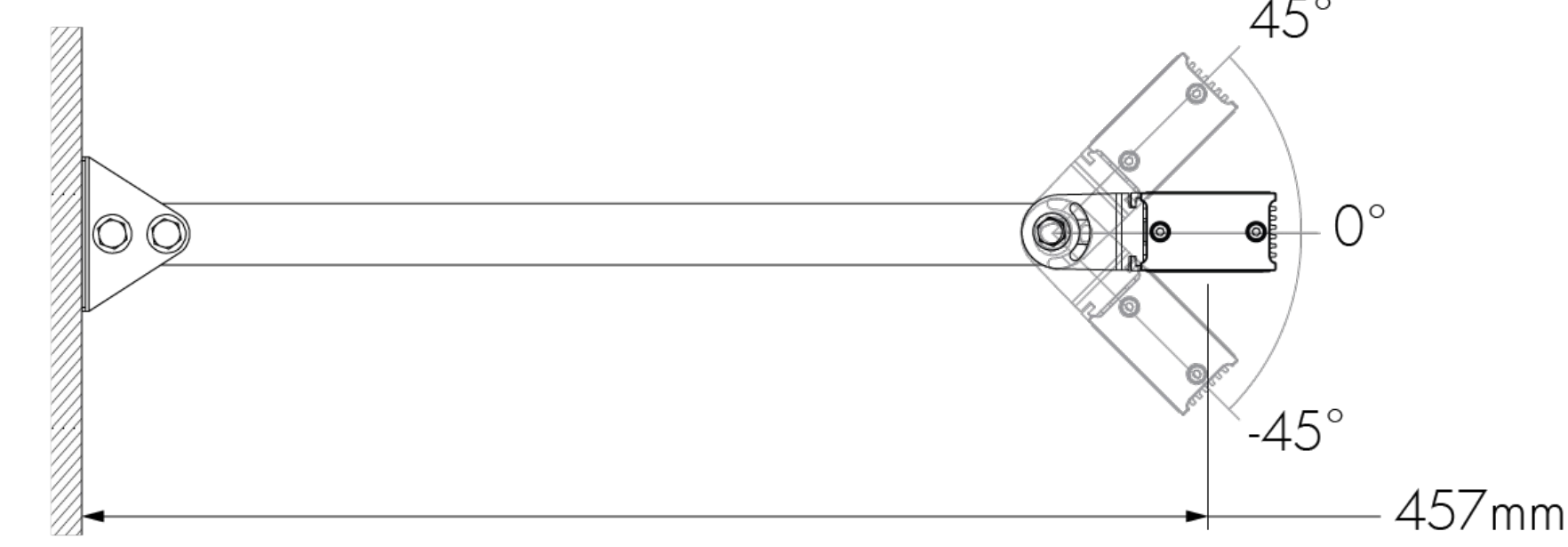
WAMR12 - Adjustable Arm Mounting 305 mm Remote version



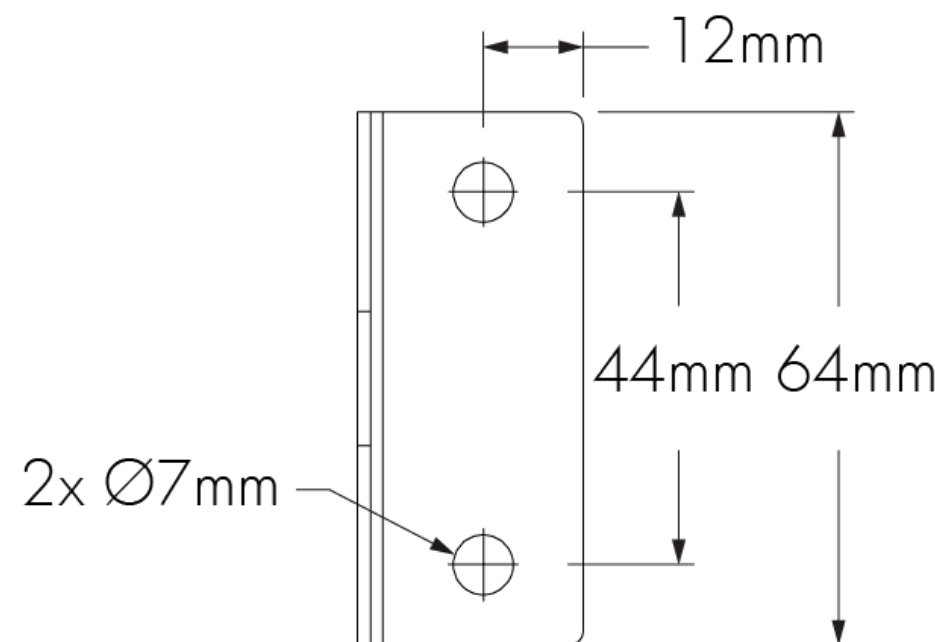
WAMR12 - Mounting hole pattern



WAMR18 - Adjustable Arm Mounting 457 mm Remote version

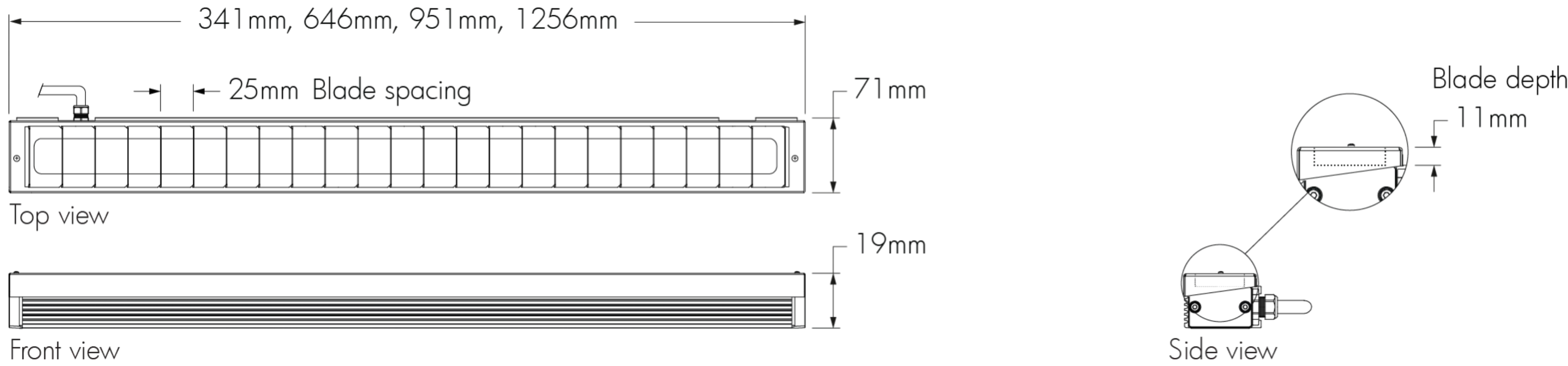


WAMR18 - Mounting hole pattern



Optical accessories (order separately)

LOGRRD - Radial louvre for Lumenfacade Remote



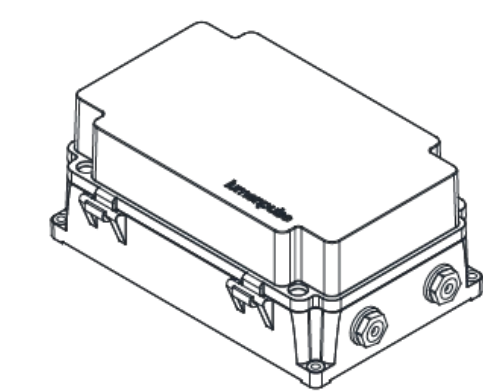
LOGRRD-LENGTH-FINISH-OPTIONS

Please specify:
LENGTH: 305 mm, 610 mm, 914 mm or 1219 mm; **FINISH:** BK - Black Sandtex®, BRZ - Bronze Sandtex®, SI - Silver Sandtex®, WH - Smooth white or CC - custom colour and finish (please specify RAL colour); **OPTIONS:** CRC - Corrosion-resistant coating for hostile environments

- The addition of a louvre will affect beam distribution. Consult factory for application support.
- Not suitable for asymmetric wallwash optic.
- Two mounting screws included.

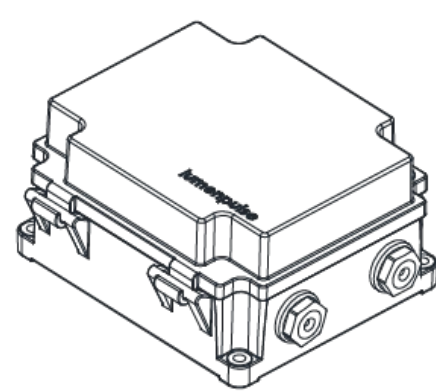
Control and power supply boxes (order separately)

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.

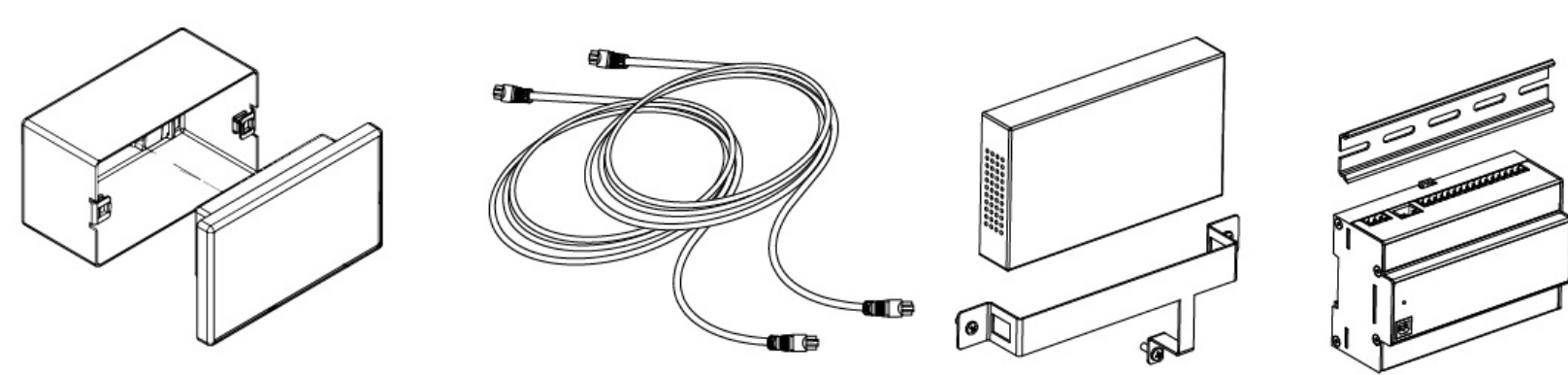
Control systems (order separately)

LTN2 - Lumentone™ 2



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

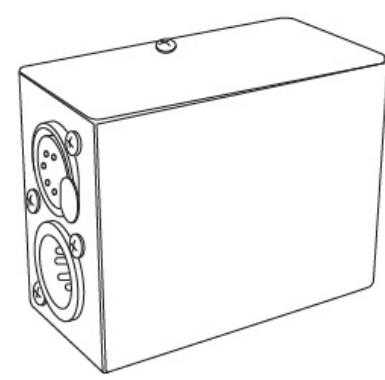
PHAROS - Pharos® kit



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

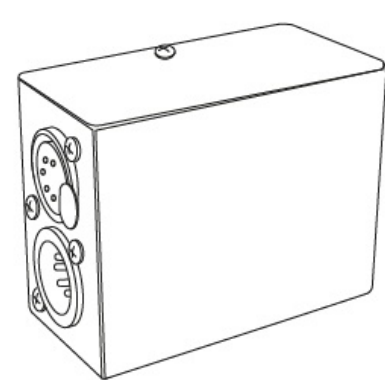
Diagnostic and addressing tools (order separately)

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

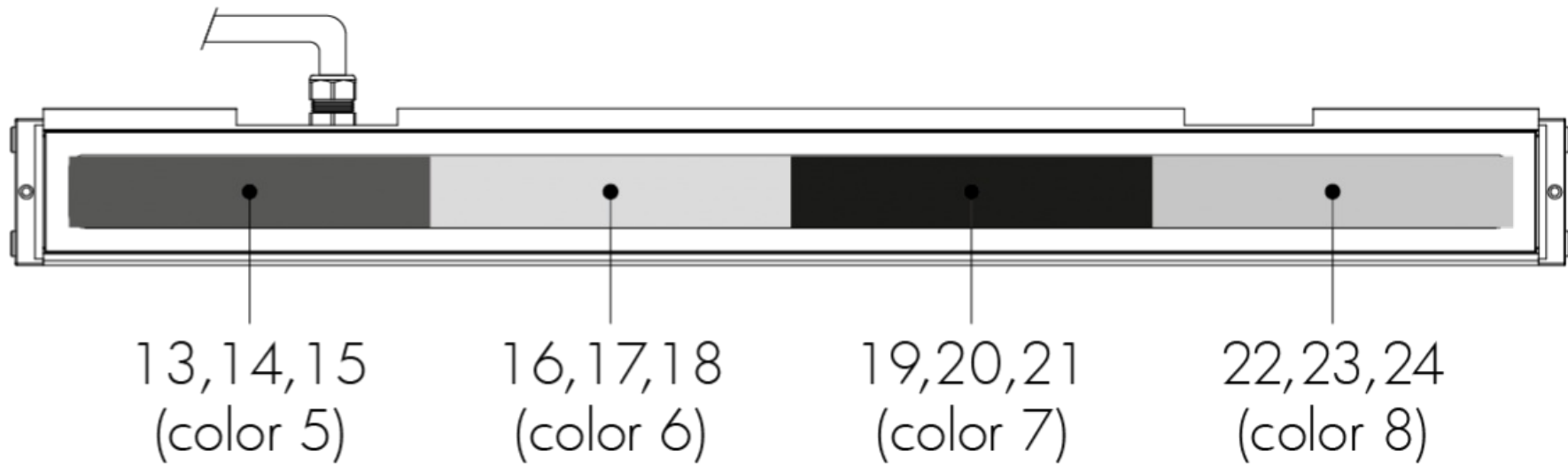
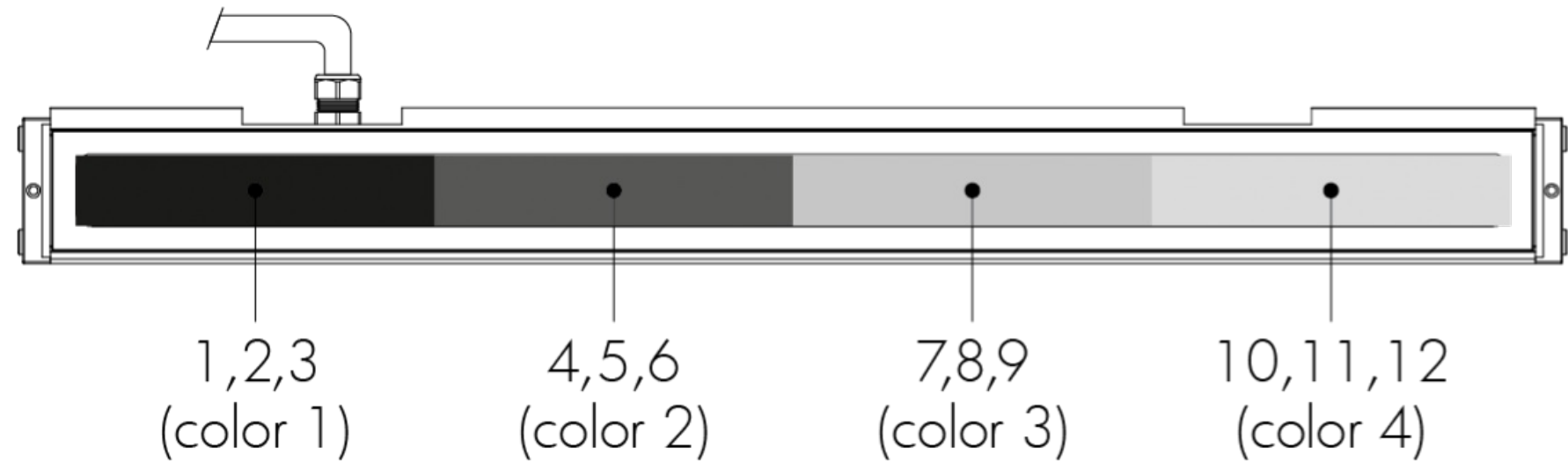


LumentalkID is a diagnostic and addressing tool. It must be specified for all Lumentalk (LT) applications. Consult LID-LT specification sheet for details.

Resolution details

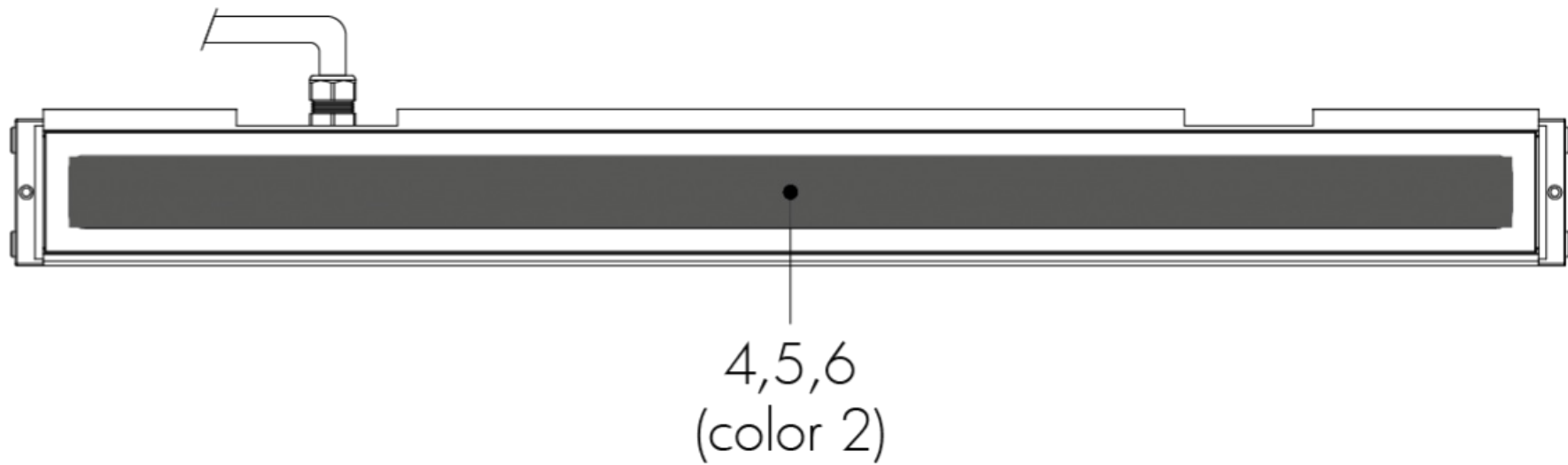
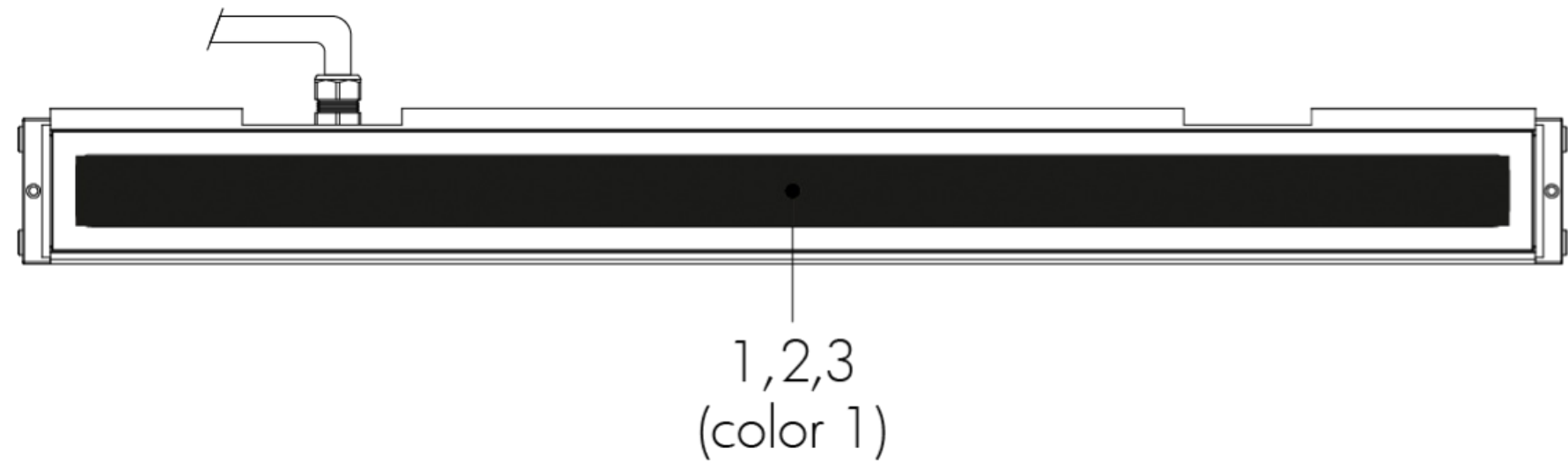
1FT - Resolution per foot: each 0.3 m section is addressed independently (recommended for most installations)

DMX addresses:



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

DMX addresses:



- 1219 mm fixtures shown.
- Resolution is factory set and cannot be changed in the field.

Typical wiring diagrams

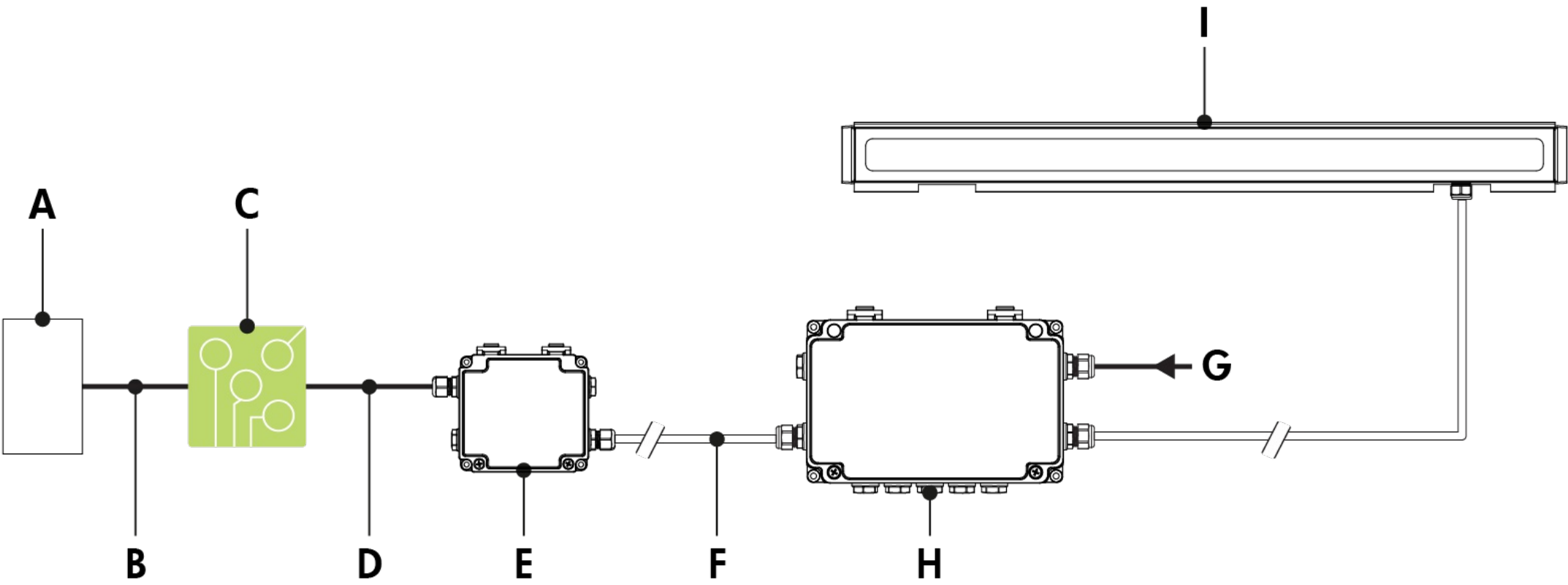
Wiring colour code

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

Fixture length	Maximum fixture cable length
305 mm	30.5 m
610 mm	27.4 m
914 mm	18.3 m
1219 mm	13.7 m

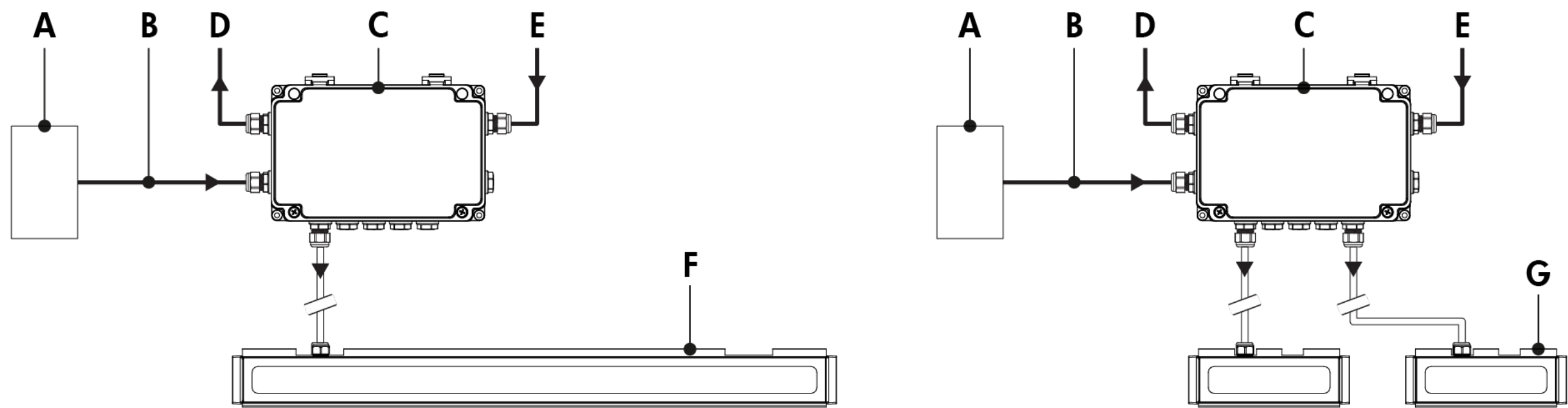
Lumentalk (LT using LDB-DMX)



- 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 colours 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.
- 49.21 W/m 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** - Lumenfacade Remote
- G** - Lumenfacade 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.
- 49.21 W/m 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	3 m
20FT	6.1 m
30FT	9.1 m
50FT	15.2 m ⁽¹⁾
70FT	21.3 m ⁽²⁾
100FT	30.5 m ⁽³⁾
⁽¹⁾ Not available for 1219 mm fixture lengths.	
⁽²⁾ Not available for 914 mm or 1219 mm fixture lengths.	
⁽³⁾ Not available for 610 mm, 914 mm or 1219 mm fixture lengths.	

3 . Voltage

15V	15V DC fixture
-----	----------------

4 . Length

12	340 mm (0.95 kg) ⁽¹⁾
24	645 mm (1.77 kg)
36	949 mm (2.54 kg)
48	1254 mm (3.36 kg)
⁽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 . Colour and Colour Temperature

DWW	Dynamic warm white (2200K to 3000K)
DWH	Dynamic white (2700K to 6500K)

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 152 mm 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 76 mm Remote version
WAMR6	Adjustable Arm Mounting 152 mm Remote version
WAMR12	Adjustable Arm Mounting 305 mm Remote version
WAMR18	Adjustable Arm Mounting 457 mm 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 colour and finish (please specify RAL colour) ⁽¹⁾

⁽¹⁾ Lumenpulse offers a wide selection of RAL CLASSIC (K7) colours with a smooth texture and high-gloss finish. Please consult factory for a list of available K7 colours, other RAL textures and glosses, or to match alternate colour charts. Final colour matching results may vary.