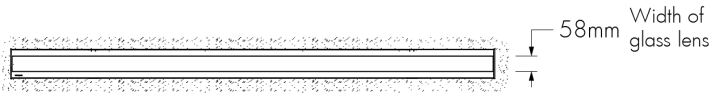


Project Name

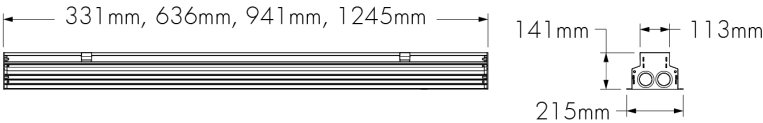
Qty

Type

Catalog / Part Number



Top view



Front and side views

Photometric Summary (59.06 W/m, Opticolor+, MRGBWP)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	3,101	42,302
10°x30°	3,000	14,616
10°x60°	3,204	10,158
10°x90°	3,204	6,927
30°x30°	3,144	7,435
30°x60°	3,119	4,069
30°x90°	2,833	2,888
60°x60°	3,082	2,538
90°x90°	3,013	1,744
30°x10°	3,014	14,849
60°x10°	3,096	9,389
60°x30°	3,089	4,593
90°x10°	2,747	5,512
W (120°)	2,375	837

Asymmetric		
NAS	3,209	17,640
WW	3,201	5,263
LWA	2,591	3,539

Description

The Lumenfacade Max Inground Colour Changing is a high-performance linear LED luminaire designed for colourful asymmetric wall washing, grazing, and linear wayfinding. The Lumenfacade Max Inground Colour Changing is available in four different lengths (305 mm, 610 mm, 914 mm or 1219 mm), with a wide number of options, including a choice of optics, mixing at source: MRGBWP, MRGROYWP, MRGBA, and controls.

Features

Length	12: 332 mm (3.4 kg) 24: 637 mm (6.94 kg) 36: 941 mm (9.71 kg) 48: 1246 mm (12.25 kg)
Construction	Walk over compliant up to 500 kg in any type of ground, Walk over compliant up to 1000 kg in concrete
Colours and Colour Temperature (Opticolor™)	MRGBA: Opticolor™ Mix-at-Source Red, Green, Blue, PC Amber
Colours and Colour Temperature (Opticolor+®)	MRGBWP: Opticolor+® Mix-at-Source Red, Green, Blue Plus White Settable Range 24K to 65K MRGBWP Typical Colour Rendering: 2700K-5000K: 90+ CRI 2500K-6500K: 80+ CRI MRGROYWP: Opticolor+® Mix-at-Source Red, Green, Royal Blue Plus White Settable Range 24K to 65K
Optics	10° x 10°, 10° x 30°, 10° x 60°, 10° x 90°, 30° x 30°, 30° x 60°, 60° x 60°, 80° x 80°, 90° x 90°, 30° x 90°, 30° x 10°, 60° x 10°, 60° x 30°, 90° x 10°, Wide 120°, Narrow Asymmetric, Asymmetric Wallwash, Low Wall Asymmetric
Optical Option	Internal Louver
Warranty	5-year limited warranty

1. Based on MRGBWP full output, white set to 3000K, 1218 mm.
2. Photometric performance is measured in compliance with IESNA LM-79-24.
3. 10x10, 10x30, 10x60, 10x90, 30x30, 30x60, 30x90, 60x60, 90x90, 30x10, 60x10, 60x30, 90x10, W and LWA optics tested with CL lens. NAS and WW optics tested with HFR lens.
4. Refer to the [Lumenfacade Max Colour Changing Photometric Guide](#) on Lumenpulse website for information on other colour temperatures.

Photometric Summary (59.06 W/m, Opticolor, MRGBA)

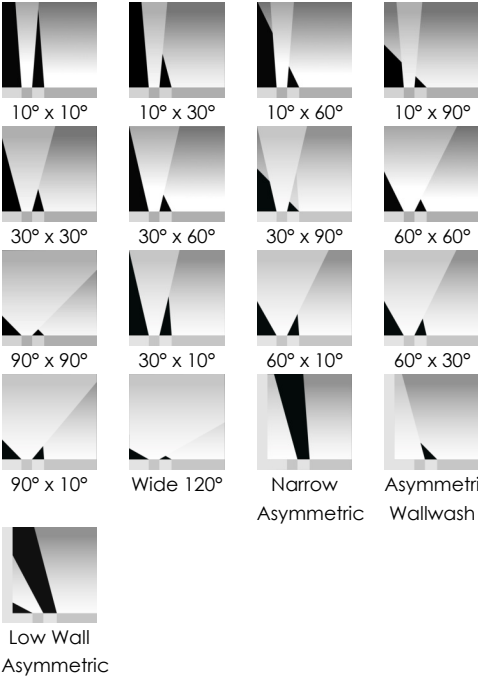
Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	2,870	39,164
10°x30°	2,778	13,532
10°x60°	2,966	9,405
10°x90°	2,967	6,413
30°x30°	2,911	6,884
30°x60°	2,888	3,767
30°x90°	2,623	2,673
60°x60°	2,853	2,349
90°x90°	2,789	1,615
30°x10°	2,790	13,748
60°x10°	2,866	8,692
60°x30°	2,859	4,252
90°x10°	2,543	5,103
W (120°)	2,199	775

Asymmetric		
NAS	2,970	16,331
WW	2,964	4,872
LWA	2,398	3,276

1. Based on MRGBWP full output, white set to 3000K, 1218 mm.
2. 10x10, 10x30, 10x60, 10x90, 30x30, 30x60, 30x90, 60x60, 90x90, 30x10, 60x10, 60x30, 90x10, W and LWA optics tested with CL lens. NAS and WW optics tested with HFR lens.
3. Photometric performance is measured in compliance with IESNA LM-79-24.
4.

Refer to the [Lumenfacade Max Colour Changing Photometric Guide](#) on Lumenpulse website for information on other colour temperatures.

Optic



Performance

Maximum Delivered Output (Opticolor)	1,026 lm (19.68 W/m, 1218 mm fixture, MRGBA, 10° x 10°, CL lens, DMX/RDM) 1,791 lm (32.8 W/m, 1218 mm fixture, MRGBA, 10° x 10°, CL lens, DMX/RDM) 2,870 lm (59.06 W/m, 1218 mm fixture, MRGBA, 10° x 10°, CL lens, DMX/RDM) Refer to Photometric Guide on Lumenpulse website for information on other colour temperatures.
Maximum Delivered Output (Opticolor+)	1,052 lm (19.68 W/m, 1218 mm fixture, MRGBWP, 10° x 10°, CL lens, DMX/RDM) 1,851 lm (32.8 W/m, 1218 mm fixture, MRGBWP, 10° x 10°, CL lens, DMX/RDM) 3,101 lm (59.06 W/m, 1218 mm fixture, MRGBWP, 10° x 10°, CL lens, DMX/RDM) Refer to Photometric Guide on Lumenpulse website for information on other colour temperatures.
Maximum Delivered Intensity (Opticolor)	13,532 cd at nadir (19.68 W/m, 1218 mm fixture, MRGBA, 10° x 10°, CL Lens, DMX/RDM) 24,440 cd at nadir (32.8 W/m, 1218 mm fixture, MRGBA, 10° x 10°, CL lens, DMX/RDM) 39,164 cd at nadir (59.06 W/m, 1218 mm fixture, MRGBA, 10° x 10°, CL lens, DMX/RDM) Refer to Photometric Guide on Lumenpulse website for information on other colour temperatures.
Maximum Delivered Intensity (Opticolor+)	13,867 cd (19.68 W/m, 1218 mm fixture, MRGBWP, 10° x 10°, CL lens, DMX/RDM) 25,257 cd (32.8 W/m, 1218 mm fixture, MRGBWP, 10° x 10°, CL lens, DMX/RDM) 42,302 cd (59.06 W/m, 1218 mm fixture, MRGBWP, 10° x 10°, CL lens, DMX/RDM) Refer to Photometric Guide on Lumenpulse website for information on other colour temperatures.
Illuminance at Distance (Opticolor)	Minimum 1 fc at 35.4 m (19.68 W/m, 1218 mm fixture, MRGBA, 10° x 10°, CL lens, DMX/RDM) Minimum 1 fc at 47.5 m (32.8 W/m, 1218 mm fixture, MRGBA, 10° x 10°, CL lens, DMX/RDM) Minimum 1 fc at 60.4 m (59.06 W/m, 1218 mm fixture, MRGBA, 10° x 10°, CL lens, DMX/RDM)

Colour and Colour Temperature

		
Opticolor+®	Opticolor+®	Opticolor™
Mix-at-Source	Mix-at-Source	Mix-at-Source
Red, Green, Blue Plus White	Red, Green, Royal Blue Plus White	Red, Green, Blue, PC Amber
Settable Range	Settable Range	
24K to 65K	24K to 65K	

Control

DMX/RDM DALI T8 lumen talk extendX

Ratings

IP68 IK10

Lumencycle™ Program



Certifications



Illuminance at Distance (Opticolor+)	Minimum 1 fc at 36 m (19.68 W/m, 1218 mm fixture, MRGBWP, 10° x 10°, CL lens, DMX/RDM) Minimum 1 fc at 48.5 m (32.8 W/m, 1218 mm fixture, MRGBWP, 10° x 10°, CL lens, DMX/RDM) Minimum 1 fc at 62.8 m (59.06 W/m, 1218 mm fixture, MRGBWP, 10° x 10°, CL lens, DMX/RDM) Refer to Photometric Guide on Lumenpulse website for information on other colour temperatures.
Lumen Maintenance	L70 (15K) > 90,000 hrs Ta 25 °C (TM-21 reported) L70 > 150,000 hrs Ta 25 °C (projected)* L90 (15K) = 55,400 hrs Ta 25 °C (TM-21 reported) L90 = 65,700 hrs Ta 25 °C (projected)* *Estimated based on in-situ case temperature and LM-80 report
Physical	
Optical Chamber Material	Aluminium
Blockout Material	Polymer recycled PVC reinforced with a stainless steel frame
Trim Material	Anodized aluminium
Lens Material	Tempered glass
End Cap Material	Die cast aluminium
Hardware Material	Stainless steel
Weight	305 mm: 3.4 kg 610 mm: 6.94 kg 914 mm: 9.71 kg 1219 mm: 12.25 kg
Electrical and Control	
Wattage	6W: 19.68 W/m, 10W: 32.8 W/m, 18W: 59.06 W/m
Voltage	120 to 277 Volts (UL Certification) 220 to 240 Volts (CE certification, Class I)
Fixture Cable	Power and data in one cable
Connectors	IP68 push-lock
Control	Lumentalk, DMX/RDM Enabled, DALI 2 T8 Enabled Dimming 0.1%, ExtendX™
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	IP68 rated for up to 0.3 m, not suitable for permanent immersion applications
Impact Resistance Rating	IK10

Accessories (Order Separately)

Cables	Lumenfacade Max Inground Leader Cable Lumenfacade Max Inground Jumper Cable
Electrical Accessories	Lumenfacade Max Inground Junction Box
Control Boxes	DMX/RDM enabled (Daisy Chain or Star Configuration), Ethernet enabled (Daisy Chain or Star Configuration)
Control Systems	Pharos® Designer Lighting Control Kit (PHAROS), Pharos® Express Control Kit (EXPERT)
Diagnostic and Addressing Tools	LumenID (LID)

Important

Virtual Patent Marking Notice

This website (<https://www.lmpg.com/patents-trademarks>) is provided to satisfy the virtual patent marking provisions of applicable jurisdictions. Some products listed may be covered by additional patents not referenced here.

Lumencycle™ Program

Lumencycle is a comprehensive program designed to maximise the life of Lumenpulse fixtures while preserving their performance, quality, and design intent. Built around three pillars—Repair, Restore, and Recycle—the program provides clear pathways to maintain existing installations, restore fixtures, and responsibly manage them at end of life. For full program details, visit <https://www.lumenpulse.com/lumencycle>.

Photometric Information

19.68 W/m (MRGBWP)

Symmetric

	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	1,016	13,867
10°x30°	984	4,791
10°x60°	1,050	3,330
10°x90°	1,050	2,271
30°x30°	1,031	2,438
30°x60°	1,023	1,334
30°x90°	929	947
60°x60°	1,010	832
90°x90°	988	572
30°x10°	988	4,868
60°x10°	1,015	3,078
60°x30°	1,013	1,506
90°x10°	901	1,807
W (120°)	779	274

Asymmetric

NAS	1,052	5,783
WW	1,049	1,725
LWA	849	1,160

Based on MRGBWP full output, white set to 3000K, 1218 mm.

32.8 W/m (MRGBWP)

Symmetric

	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	1,851	25,257
10°x30°	1,791	8,727
10°x60°	1,913	6,065
10°x90°	1,913	4,136
30°x30°	1,877	4,439
30°x60°	1,862	2,429
30°x90°	1,691	1,724
60°x60°	1,840	1,515
90°x90°	1,799	1,041
30°x10°	1,799	8,866
60°x10°	1,848	5,606
60°x30°	1,844	2,742
90°x10°	1,640	3,291
W (120°)	1,418	500

Asymmetric

NAS	1,916	10,532
WW	1,911	3,142
LWA	1,547	2,113

Based on MRGBWP full output, white set to 3000K, 1218 mm.

59.06 W/m (MRGRBWP)

Symmetric

	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	3,101	42,302
10°x30°	3,000	14,616
10°x60°	3,204	10,158
10°x90°	3,204	6,927
30°x30°	3,144	7,435
30°x60°	3,119	4,069
30°x90°	2,833	2,888
60°x60°	3,082	2,538
90°x90°	3,013	1,744
30°x10°	3,014	14,849
60°x10°	3,096	9,389
60°x30°	3,089	4,593
90°x10°	2,747	5,512
W (120°)	2,375	837

Asymmetric

NAS	3,209	17,640
WW	3,201	5,263
LWA	2,591	3,539

Based on MRGBWP full output, white set to 3000K, 1218 mm.

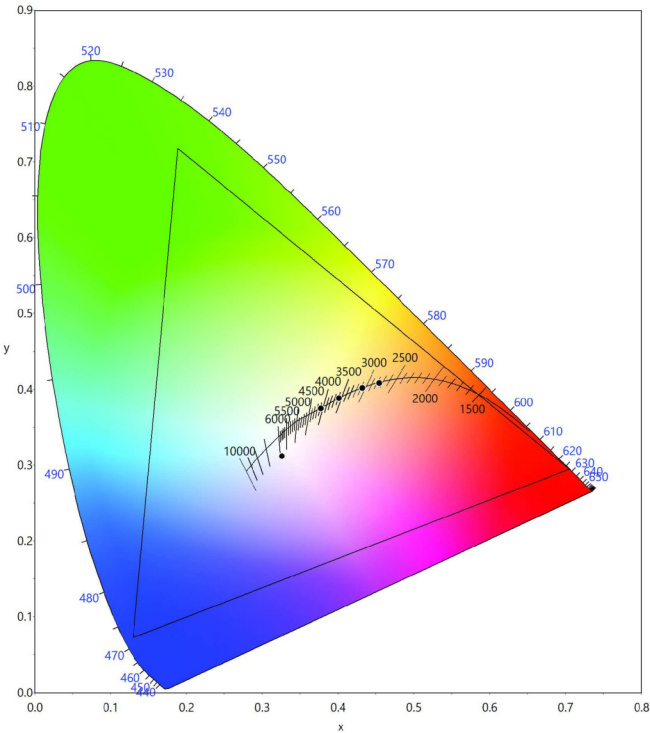
Photometric performance is measured in compliance with IESNA LM-79-24.

10x10, 10x30, 10x60, 10x90, 30x30, 30x60, 30x90, 60x60, 90x90, 30x10, 60x10, 60x30, 90x10, W and LWA optics tested with CL lens. NAS and WW optics tested with HFR lens.

Refer to Photometric Guide on Lumenpulse website for information on other colour temperatures.

Colour Point Information

MRGBWP



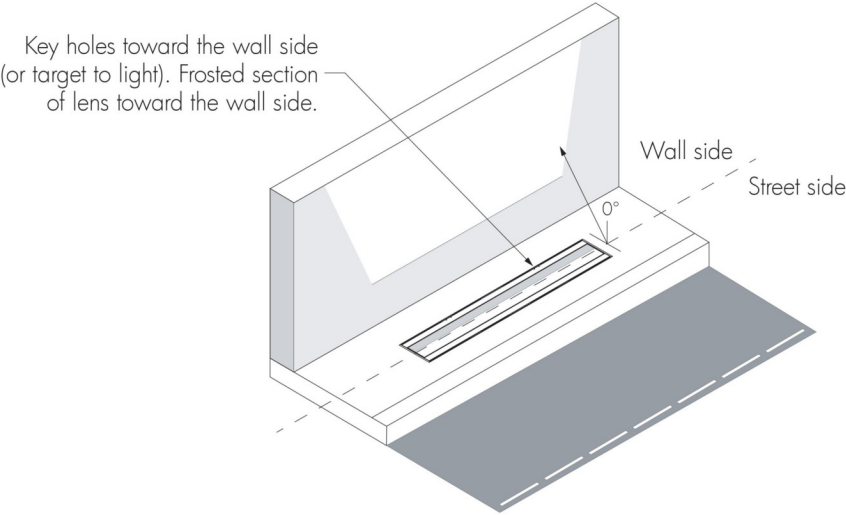
Dominant Wavelength and Chromaticity

	Dominant Wavelength	Chromaticity	
		Cx	Cy
Red	~628nm	0.7050	0.2949
Green	~531nm	0.1885	0.7178
Blue	~471nm	0.1298	0.0726
Amber	~591nm	0.5755	0.4126

	Cx	Cy
MRGBWP Full On	0.3261	0.3121
27K Optidrive	0.4545	0.4081
30K Optidrive	0.4318	0.4017
35K Optidrive	0.4010	0.3883
40K Optidrive	0.3773	0.3747

Values measured from Steady State Full on Optidrive @ 25°C ambient conditions.

Optical Chamber Orientation



Cables (Order Separately)

LFMILC - Lumenfacade Max Inground Leader Cable



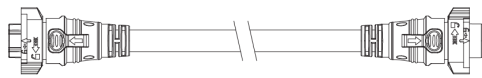
LFMILC-CERTIFICATION-LENGTH-VOLTAGE-LENGTH-CONNECTOR/CABLE TYPE-CONNECTOR SHAPE-CABLE/CONNECTOR COLOUR

Please specify:

CERTIFICATION: UL; **VOLTAGE:** 120_277; **LENGTH:** 3 m, 7.6 m, 15.2 m, 30.5 m, 45.7 m; **CONNECTOR/CABLE TYPE:** XD3P3D (3x 14AWG + 3x 24AWG X-lock D-size) or XD3P2D (5x 16AWG X-lock D-size); **CONNECTOR SHAPE:** 180D (Straight Connector); **CABLE/CONNECTOR COLOUR:** BK (Black) (connectors are the same colour as the specified cable colour).

- Suitable for dimming/data and non-dimming applications.
- Consult Lumenfacade Max Inground Leader Cable specification sheet for details.

LFMIJC - Lumenfacade Max Inground Jumper Cable



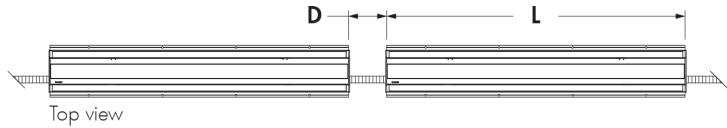
LFMIJC-CERTIFICATION-LENGTH-VOLTAGE-LENGTH-CONNECTOR/CABLE TYPE-CONNECTOR SHAPE-CABLE/CONNECTOR COLOUR

Please specify:

CERTIFICATION: UL; **VOLTAGE:** 120_277; **LENGTH:** 0.6 m, 1.2 m, 3 m, 7.6 m, 15.2 m, 30.5 m, 45.7 m; **CONNECTOR/CABLE TYPE:** XD3P3D (3x 14AWG + 3x 24AWG X-lock D-size) or XD3P2D (5x 16AWG X-lock D-size); **CONNECTOR SHAPE:** 180D (Straight Connector); **CABLE/CONNECTOR COLOUR:** BK (Black) (connectors are the same colour as the specified cable colour).

- Suitable for dimming/data and non-dimming applications.
- Consult Lumenfacade Max Inground Jumper Cable specification sheet for details.

Jumper Cable Length Selection



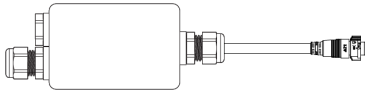
D - Distance between two fixtures
L - Length of fixture

Add the length of one fixture to the distance between two fixtures: L + D. Order the next longest jumper cable available: 0.6 m, 1.2 m, 3 m, 4.6 m, 6.1 m, 7.6 m or 9.1 m.

Example: if the distance between two 1.2 m fixtures is 0.2 m, L + D = 1.4 m, therefore a 3 m jumper cable is required.

Electrical Accessories (Order Separately)

LFMIJB - Lumenfacade Max Inground Junction Box



Lumenfacade Max Inground IP68 sealed junction box starter kit. Use for stand-alone fixtures and/or first of run installations. The LFMIJB accessory does not fit in 305 mm fixtures.

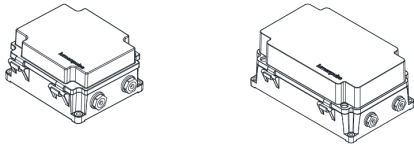
LFMIJB-**CERTIFICATION-VOLTAGE-CONNECTOR/CABLE TYPE-CONNECTOR SHAPE-CABLE/CONNECTOR COLOUR**

Please specify:

CERTIFICATION: UL or CE; **VOLTAGE:** 120_277; **CONNECTOR/CABLE TYPE:** XD3P3D (3x 14AWG + 3x 24AWG Xlock D-size) or XD3P2D (5x 16AWG Xlock D-size); **CONNECTOR SHAPE:** 180D (Straight Connector); **CABLE/CONNECTOR COLOUR:** BK (Black) (connectors are the same colour as the specified cable colour).

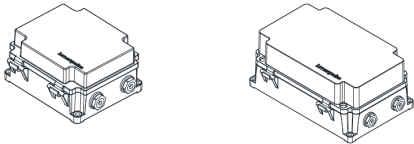
Control Boxes (Order Separately)

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.

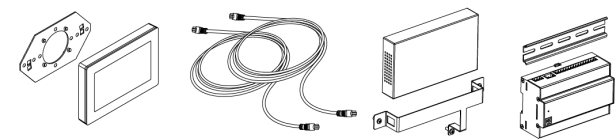
CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)



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.

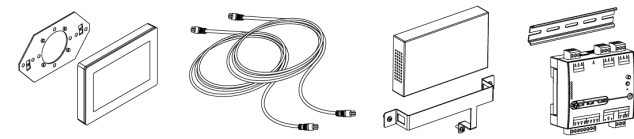
Control Systems (Order Separately)

PHAROS - Pharos® Designer Lighting Control Kit



The Pharos Designer Lighting Control Kit, available for 1 or 2 DMX universes, allows for complete control of large lighting installations.

EXPERT - Pharos® Express Control Kit



The Pharos Expert Control Kit, available for 1, 2, 4 or 6 DMX universes, allows for complete control of large lighting installations.

Diagnostic And Addressing Tools (Order Separately)

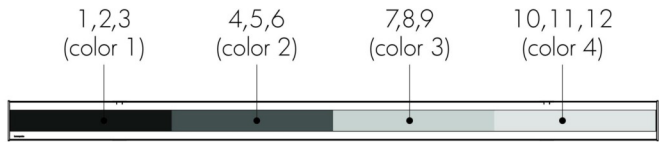
LID - LumenID



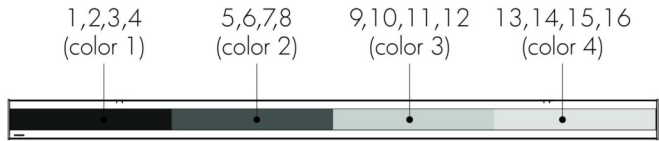
The updated LumenID (LID) is an all-in-one diagnostic and addressing solution for both DMX/RDM and Lumentalk (LT) systems. Engineered for versatility, it streamlines commissioning and troubleshooting across protocols—no need for multiple tools. Cable option may vary; please consult factory. For complete details, refer to the LID specification sheet.

Resolution Details

DMX/RDM Control, Resolution Per Foot: Each 305 mm Section is Addressed Independently
DMX Addresses:



MRGBA colour mixing option



MRGBA, MRGBWP and MRGROYWP colour mixing options. 3, 4 or 5-channel modes are also available via RDM.

DMX/RDM Control, Resolution Per Fixture: Each Fixture is Addressed Independently
DMX Addresses:



MRGBA colour mixing option



MRGBA, MRGBWP and MRGROYWP colour mixing options. 3, 4 or 5-channel modes are also available via RDM.

- 1219 mm fixtures shown.
- 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.

Wiring Colour Code

DALI 2 T8 and LT Control (XD3P2D)

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

DMX/RDM and ExtendX Controls (XD3P3D)

UL Color Code	Use
Green	Ground
Black	Line
White	Neutral
Red	Data +
Orange	Data -
Gray	Signal Common

Maximum Fixture Run Length Table

DMX/RDM Control (DMX/RDM)

Lumenfacade Max Inground 19.68W/m

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per 0.3m	39m	39m	39m	39m

Lumenfacade Max Inground 32.8W/m

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per 0.3m	39m	39m	39m	39m

Lumenfacade Max Inground 72.18W/m

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per 0.3m	24m	39m	39m	39m

Based on 1218 mm fixtures, per foot resolution, DMX/RDM control, end-to-end run. Refer to Typical Wiring Diagrams for Control Protocol specific run length rules.

ExtendX Control (ETX)

Lumenfacade Max Inground 19.68W/m

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per 0.3m	56m	129m	141m	156m

Lumenfacade Max Inground 32.8W/m

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per 0.3m	43m	80m	88m	102m

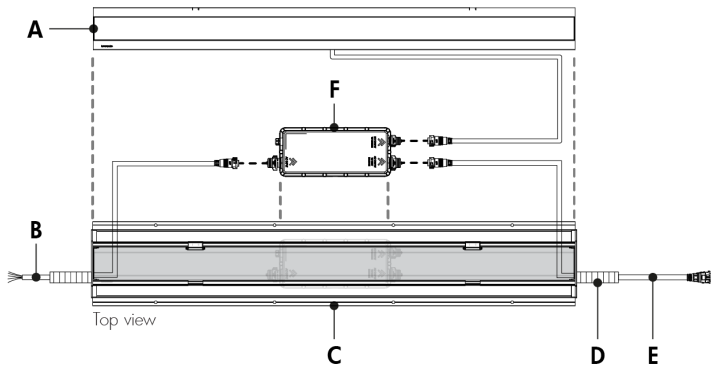
Lumenfacade Max Inground 72.18W/m

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per 0.3m	24m	46m	50m	59m

Based on 1218 mm fixtures, per foot resolution, ExtendX control, end-to-end run. Refer to Typical Wiring Diagrams for Control Protocol specific run length rules.

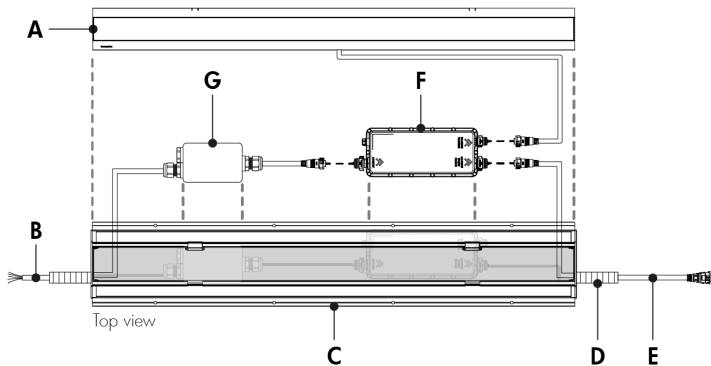
Typical Wiring Diagrams

Typical Installation With Leader Cable



- A - Optical chamber
- B - Leader cable (LFMILC, order separately)
- C - Blockout
- D - Conduit (by others)
- E - Jumper cable to next fixture (LFMIJC, order separately, for continuous run installations)
- F - PACBOX

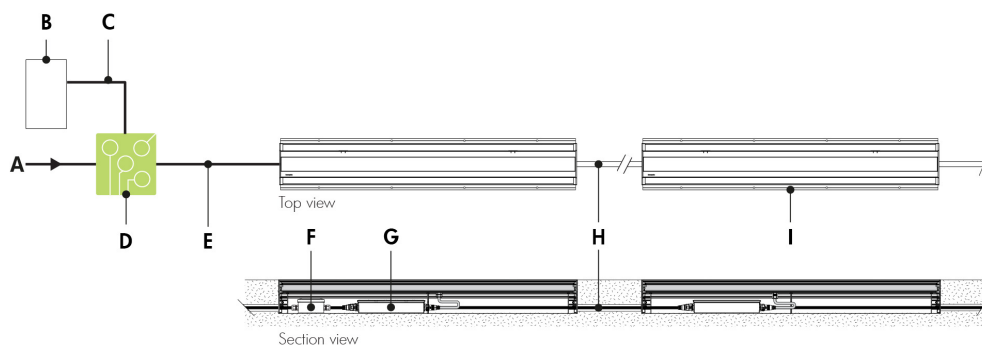
Typical Installation With IP68 LFMIJB Accessory



- A - Optical chamber
- B - Power and data input cable (by others)
- C - Blockout
- D - Conduit (by others)
- E - Jumper cable to next fixture (LFMIJC, order separately, for continuous run installations)
- F - PACBOX
- G - IP68 LFMIJB (order separately)

The IP68 LFMIJB accessory cannot be used with 305 mm fixtures.

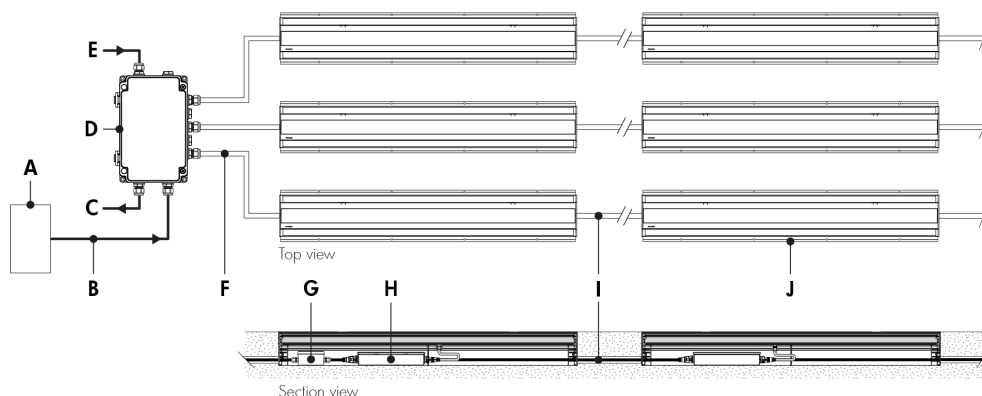
Lumentalk (LT)



- 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 (wiring by others)
- F - Leader Cable (LFMILC) or IP68 LFMIJB
- G - PACBOX
- H - Jumper cable (LFMIJC)
- I - Lumenfacade Max Inground

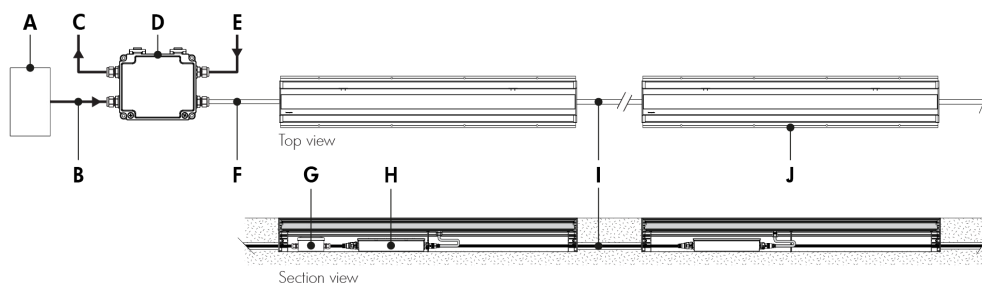
- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Lumentalk enabled fixtures must be commissioned using LumentalkID software and a LID. Consult factory for details.
- 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two 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.

Star Layout (DMX/RDM)



- 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 (120-277V, wiring by others)
- F - Leader cable (LFMILC)
- G - Leader Cable (LFMILC) or IP68 LFMIJB
- H - PACBOX
- I - Jumper cable (LFMIJC)
- J - Lumenfacade Max Inground

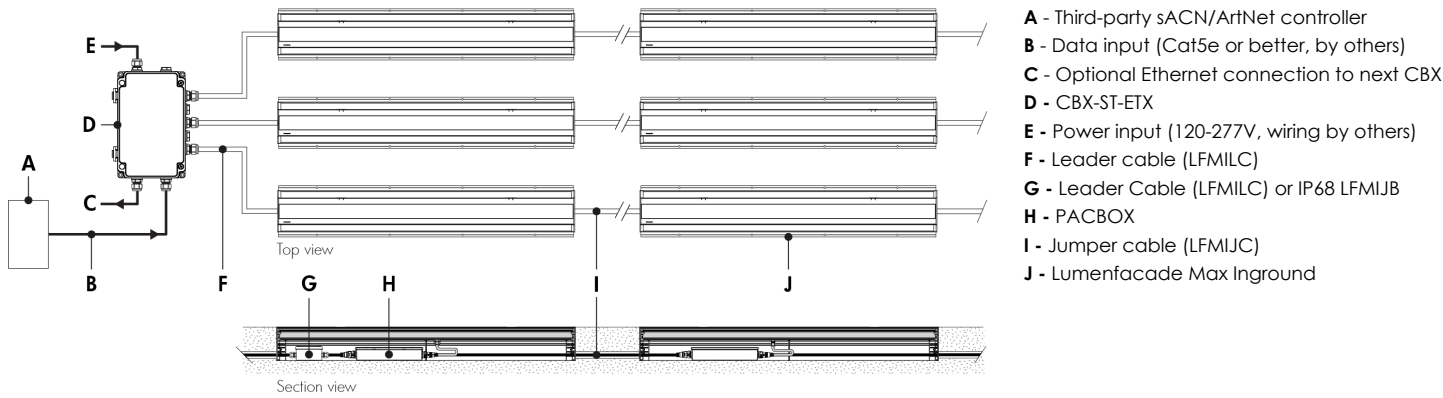
Daisy Chain Layout (DMX/RDM)



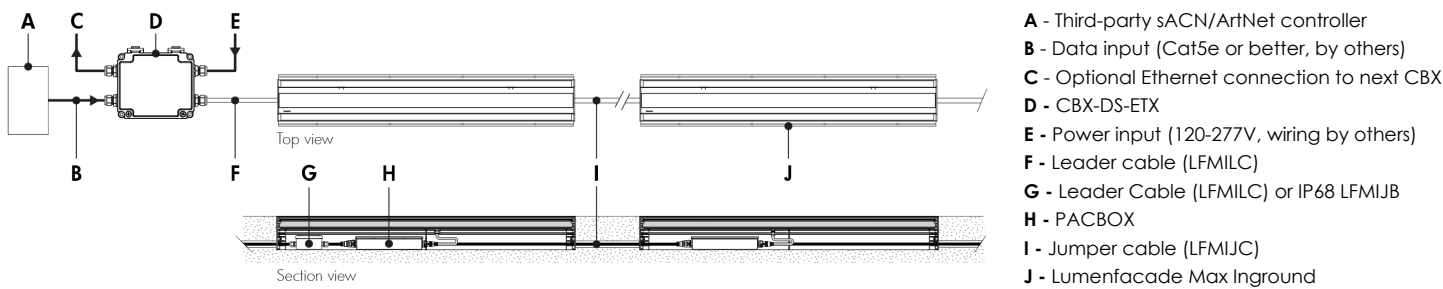
- A - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, not isolated/not boosted)
- D - CBX-DS
- E - Power input (120-277V, wiring by others)
- F - Leader cable (LFMILC)
- G - Leader Cable (LFMILC) or IP68 LFMIJB
- H - PACBOX
- I - Jumper cable (LFMIJC)
- J - Lumenfacade Max Inground

- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- The DMX/RDM protocol states a maximum of 64 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.
- Each fixture requires 1, 2, 3, 4, or 5 DMX addresses depending on control mode selected onsite.

Star Layout (ExtendX)



Daisy Chain Layout (ExtendX)

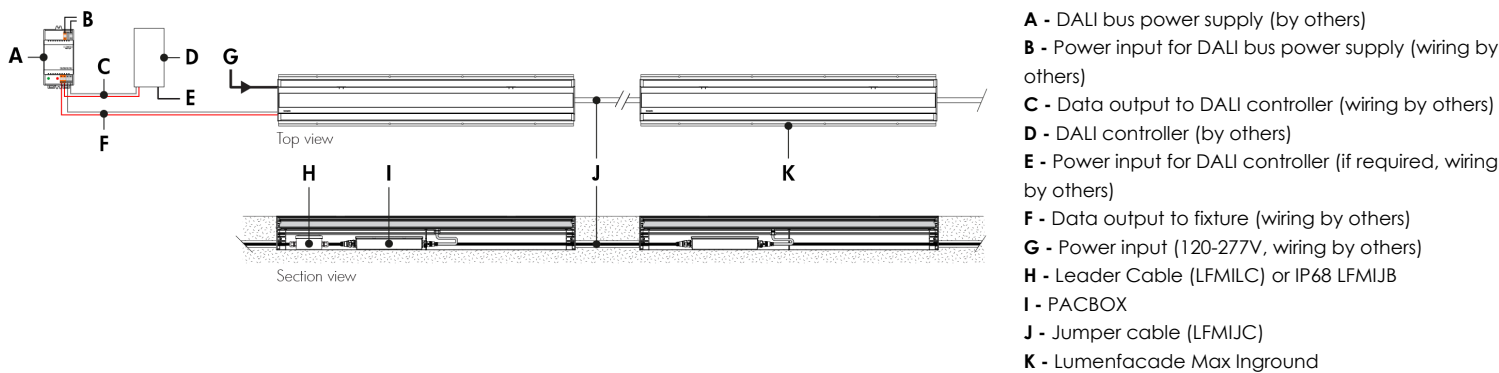


Refer to installation instructions for additional wiring details.

Maximum of 4 outputs per CBX-ST ENET; maximum of 1 output per CBX-DS ENET.

Consult CBX installation instructions for additional wiring details.

DALI 2 T8 (DALI78)



- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- The Lumenfacade Max Inground responds to RGBWAF controls.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.

How to Order

Housing ⁽¹⁾ ⁽³⁾ ⁽⁴⁾	Certification	Voltage	Length	Wattage	Colour and Colour Temperature	Optic	Lens	Accessories	Control	Buy America.n Act
LFMI Lumenfacade Max Inground ⁽²⁾	UL UL Compliant ⁽⁵⁾ CE CE Compliant (Class I) ⁽⁶⁾	120_277 120 Volts to 277 Volts ⁽⁷⁾ 230 220 to 240 Volts ⁽⁸⁾	12 332 mm (3.4 kg) ⁽⁴⁾ 24 637 mm (6.94 kg) 36 941 mm (9.71 kg) 48 1246 mm (12.25 kg)	6W 19.68 W/m 10W 32.8 W/m 18W 59.06 W/m	MRGBA Opticolor™ Mix-at-Source Red, Green, Blue, PC Amber ⁽⁹⁾ MRGBWP Opticolor+® Mix-at-Source Red, Green, Blue Plus White Settable Range 24K to 65K ⁽⁹⁾ ⁽¹⁰⁾ MRGROYWP Opticolor+® Mix-at-Source Red, Green, Royal Blue Plus White Settable Range 24K to 65K ⁽⁹⁾ ⁽¹⁰⁾ ⁽¹¹⁾	10x10 10° x 10° ⁽¹²⁾	CL Clear Lens	NA No Accessory	LT Lumentalk ⁽¹⁴⁾ ⁽¹⁷⁾	BAA Buy America.n ⁽⁷⁾ ⁽²¹⁾
						10x30 10° x 30°	HFR Half-Frosted Lens	INTL Internal Louver ⁽¹⁵⁾	DMX/RDM DMX/RDM Enabled Dimming ⁽¹⁷⁾ ⁽¹⁸⁾	
						10x60 10° x 60°	FR Frosted Lens		DALIT8 DALI 2 T8 Enabled Dimming 0.1% ⁽¹⁰⁾ ⁽¹⁷⁾ ⁽¹⁹⁾	
						10x90 10° x 90°	CL/ASL Clear Lens with Anti-Slip		ETX ExtendX™ ⁽¹⁷⁾ ⁽²⁰⁾	
						30x30 30° x 30° ⁽¹³⁾				
						30x60 30° x 60° ⁽¹³⁾	HFR/ASL Half-Frosted Lens with Anti-Slip			
						30x90 30° x 90° ⁽¹³⁾	FR/ASL Frosted Lens with Anti-slip			
						60x60 60° x 60° ⁽¹³⁾				
						90x90 90° x 90° ⁽¹³⁾				
						30x10 30° x 10° ⁽¹³⁾				
						60x10 60° x 10° ⁽¹³⁾				
						60x30 60° x 30° ⁽¹³⁾				
						90x10 90° x 10° ⁽¹³⁾				
						W Wide 120° ⁽¹³⁾				
						NAS Narrow Asymmetric				
						WW Asymmetric Wallwash ⁽¹⁴⁾				
						LWA Low Wall Asymmetric ⁽¹³⁾				

Notes:

1. A Lumenfacade Max Inground fixture includes one optical chamber (LFMIC), one power and control box (PCBX) and one recessed blackout (RBO). The LFMIC, PCBX and RBO are provided according to the output/colour, length and control configuration.

2. Consult factory for products that are BAA-approved (Buy America.n Act).

3. Consult the installation instructions to plan all aspects of the fixture installation.

4. Power consumption is typically 20% higher for 305 mm fixture lengths.

5. Available for 120_277 voltage option only.

6. Available for 230 voltage option only.

7. Available for UL certification only.

8. Available for CE certification only.

9. Fixtures are shipped from the factory in Optidrive™ Mode. Normal Mode can be activated onsite for DMX/RDM and LT fixtures. For DMX/RDM applications, Optidrive Mode requires a LumenID, LumenID software and onsite commissioning. For LT applications, Optidrive Mode requires a LumenID, LumentalkID software and onsite commissioning. Additionally, with Opticolor+™ the white CCT is configurable in the field from 2200K-8000K.
10. Consult factory for DALI T8 applications with MRGBWP or MRGROYWP and a CCT other than 3000K.

11. Longer lead time of 10-12 weeks.

12. For best results, we recommend a 152 mm setback from surface. Contact factory for application support.

13. Can be combined with a CL or FR lens only.

14. Can be combined with a HFR or FR lens only.

15. The addition of an internal louvre will affect beam distribution. Consult factory for application support.

16. A Lumentranslator 2 (LTL2) and LumenID (LID) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.

17. Minimum dimming value is less than 1%.

18. A control box (CBX) and LumenID (LID) must be specified.

19. DALI 2 T8 controller required, provided by others. DALI 2 T8 control uses a single DALI short address.

20. An Ethernet CBX is required. Refer to the ETX configuration in the Ethernet CBX Specification Sheet for details.

21. Contact your Lumenpulse Sales Representative for more information on order volume details.