

Project Name

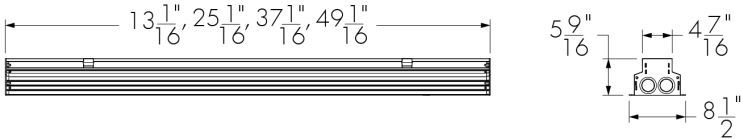
Qty

Type

Catalog / Part Number



Top view



Front and side views

Photometric Summary (18 W/ft)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	6,953	234,150
10°x10°	6,748	158,312
10°x30°	6,731	44,485
10°x60°	7,363	30,507
10°x90°	6,815	14,847
30°x30°	6,479	18,500
30°x60°	6,446	9,744
30°x90°	5,961	6,794
60°x60°	6,394	5,805
90°x90°	6,244	3,872
30°x10°	6,281	41,347
60°x10°	6,523	25,961
60°x30°	6,408	10,994
90°x10°	6,212	15,048
W (120°)	5,028	1,729
Asymmetric		
NAS	6,491	85,863
WW	5,957	9,250
LWA	5,012	9,692

Description

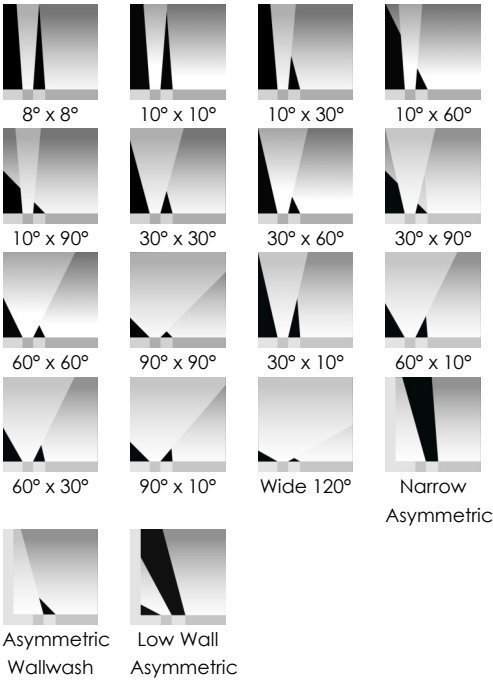
The Lumenfacade Max Inground is an LED luminaire designed for ground-recessed lighting applications, including asymmetric wall washing, grazing, and linear wayfinding. An innovative, plug-and-play design simplifies installation, protecting the system from water infiltration and ensuring long-lasting performance. Lumenfacade Max Inground is available in four different lengths (12 in, 24 in, 36 in or 48 in), with a wide choice of outputs, colour temperatures, colour-mixing systems, optics and controls. A unique asymmetric wallwash distribution is also available, providing exceptional uniformity and brightness for walls and signage.

Features

Length	12: 13 1/16 in (7.5 lbs) 24: 25 1/16 in (15.3 lbs) 36: 37 1/16 in (21.4 lbs) 48: 49 1/16 in (27 lbs)
Construction	Walk over compliant up to 500 kg in any type of ground, Walk over compliant up to 1000 kg in concrete
Color and Color Temperature	22K: 2200K 27K: 2700K 30K: 3000K 35K: 3500K 40K: 4000K RD: Red GR: Green BL: Blue AMB: Phosphor Converted Amber (PC Amber)
Optics	8° x 8°, 10° x 10°, 10° x 30°, 10° x 60°, 10° x 90°, 30° x 30°, 30° x 60°, 30° x 90°, 60° x 60°, 90° 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

1. Based on 4000K, 48 in, DMX/RDM control.
2. 8x8, 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 White and Static Colors Photometric Guide](#) on Lumenpulse website for information on other color temperatures.

Optic



Color and Color Temperature



Control



Ratings

IP68 IK10

Lumencycle™ Program



Warranty	5-year limited warranty
Performance	
Maximum Delivered Output	2,816 lm (6 W/ft, 48 in fixture, 4000K CRI 80+, 10° x 60°, CL Lens, DMX/RDM) 4,958 lm (10 W/ft, 48 in fixture, 4000K CRI 80+, 10° x 60°, CL Lens, DMX/RDM) 7,363 lm (18 W/ft, 48 in fixture, 4000K CRI 80+, 10° x 60°, CL Lens, DMX/RDM) Refer to Photometric Guide on Lumenpulse website for information on other color temperatures.
Maximum Delivered Intensity	89,558 cd at nadir (6 W/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, CL Lens, DMX/RDM) 157,678 cd at nadir (10 W/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, CL Lens, DMX/RDM) 234,150 cd at nadir (18 W/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, CL Lens, DMX/RDM) Refer to Photometric Guide on Lumenpulse website for information on other color temperatures.
Illuminance at Distance	Minimum 1 fc at 299 ft (6 W/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, CL Lens, DMX/RDM) Minimum 1 fc at 397 ft (10 W/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, CL Lens, DMX/RDM) Minimum 1 fc at 484 ft (18 W/ft, 48 in fixture, 4000K CRI 80+, 8° x 8°, CL Lens, DMX/RDM) Refer to Photometric Guide on Lumenpulse website for information on other color temperatures.
Color Consistency	2 SDCM, Refer to Photometric Guide on Lumenpulse website for information on other color temperatures.
Color Rendering	CRI 80+ (applicable to 22K, 27K, 30K, 35K and 40K color temperatures only)

Certifications



Lumen Maintenance	For 22K, 27K, 30K, 35K, 40K: L70 (10K) > 60,000 hrs Ta 25 °C (TM-21 reported) L70 > 150,000 hrs Ta 25 °C (projected)* L90 (10K) = 55,600 hrs Ta 25 °C (TM-21 reported) L90 = 55,600 hrs Ta 25 °C (projected)* *Estimated based on in-situ case temperature and LM-80 report
	For RD, GR, BL, AMB: 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 = 55,400 hrs Ta 25 °C (projected)* *Estimated based on in-situ case temperature and LM-80 report

Physical

Optical Chamber Material	Aluminum
Blockout Material	Polymer recycled PVC reinforced with a stainless steel frame
Trim Material	Anodized aluminum
Lens Material	Tempered glass
End Cap Material	Die cast aluminum
Hardware Material	Stainless steel
Weight	12 in: 7.5 lbs 24 in: 15.3 lbs 36 in: 21.4 lbs 48 in: 27 lbs

Electrical and Control

Wattage	6W: 6 W/ft, 10W: 10 W/ft, 18W: 18 W/ft
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	On/Off Control, 0-10V Dimming, Lumentalk, DMX/RDM Enabled, DALI 2 T6 Enabled Dimming 0.1%, ExtendXTM

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	IP68 rated for up to 1 ft, 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 maximize 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

6 W/ft (3000K)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	2,465	83,020
10°x10°	2,392	56,131
10°x30°	2,386	15,773
10°x60°	2,611	10,816
10°x90°	2,416	5,264
30°x30°	2,297	6,559
30°x60°	2,285	3,455
30°x90°	2,113	2,409
60°x60°	2,267	2,058
90°x90°	2,214	1,373
30°x10°	2,227	14,660
60°x10°	2,313	9,205
60°x30°	2,272	3,898
90°x10°	2,203	5,335
W (120°)	1,783	613
Asymmetric		
NAS	2,302	30,444
WW	2,112	3,280
LWA	1,777	3,436

Based on 3000K, 48 in, DMX/RDM control configuration.

10 W/ft (3000K)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	4,341	146,167
10°x10°	4,212	98,826
10°x30°	4,202	27,770
10°x60°	4,596	19,044
10°x90°	4,254	9,268
30°x30°	4,045	11,548
30°x60°	4,024	6,083
30°x90°	3,721	4,241
60°x60°	3,992	3,624
90°x90°	3,898	2,417
30°x10°	3,921	25,810
60°x10°	4,072	16,206
60°x30°	4,000	6,863
90°x10°	3,878	9,394
W (120°)	3,139	1,079
Asymmetric		
NAS	4,052	53,600
WW	3,719	5,774
LWA	3,129	6,050

Based on 3000K, 48 in, DMX/RDM control configuration.

18 W/ft (3000K)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	6,446	217,057
10°x10°	6,255	146,756
10°x30°	6,239	41,238
10°x60°	6,826	28,280
10°x90°	6,317	13,763
30°x30°	6,006	17,149
30°x60°	5,975	9,033
30°x90°	5,526	6,298
60°x60°	5,928	5,381
90°x90°	5,788	3,589
30°x10°	5,823	38,328
60°x10°	6,047	24,066
60°x30°	5,940	10,192
90°x10°	5,759	13,950
W (120°)	4,661	1,603
Asymmetric		
NAS	6,017	79,595
WW	5,522	8,575
LWA	4,647	8,984

Based on 3000K, 48 in, DMX/RDM control configuration.

6 W/ft (4000K)

Symmetric

	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	2,660	89,558
10°x10°	2,581	60,552
10°x30°	2,574	17,015
10°x60°	2,816	11,668
10°x90°	2,607	5,679
30°x30°	2,478	7,076
30°x60°	2,465	3,727
30°x90°	2,280	2,599
60°x60°	2,446	2,220
90°x90°	2,388	1,481
30°x10°	2,402	15,814
60°x10°	2,495	9,930
60°x30°	2,451	4,205
90°x10°	2,376	5,756
W (120°)	1,923	661

Asymmetric

NAS	2,483	32,841
WW	2,278	3,538
LWA	1,917	3,707

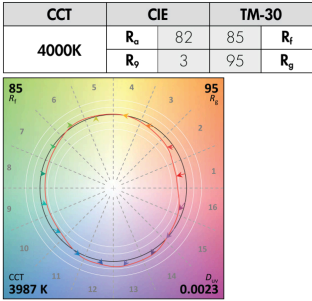
Based on 4000K, 48 in, DMX/RDM control configuration.

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

8x8, 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.

Chromaticity Data

TM-30 - 4000K



10 W/ft (4000K)

Symmetric

	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	4,682	157,678
10°x10°	4,544	106,608
10°x30°	4,532	29,956
10°x60°	4,958	20,543
10°x90°	4,589	9,998
30°x30°	4,363	12,458
30°x60°	4,341	6,562
30°x90°	4,014	4,575
60°x60°	4,306	3,909
90°x90°	4,205	2,607
30°x10°	4,230	27,843
60°x10°	4,393	17,482
60°x30°	4,315	7,404
90°x10°	4,183	10,133
W (120°)	3,386	1,164

Asymmetric

NAS	4,371	57,820
WW	4,011	6,229
LWA	3,375	6,526

Based on 4000K, 48 in, DMX/RDM control configuration.

18 W/ft (4000K)

Symmetric

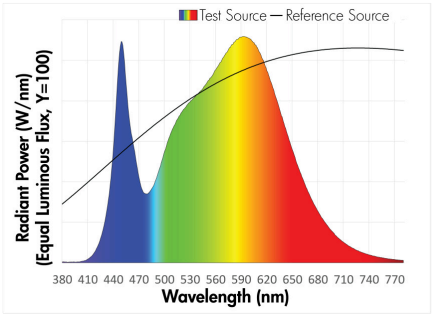
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	6,953	234,150
10°x10°	6,748	158,312
10°x30°	6,731	44,485
10°x60°	7,363	30,507
10°x90°	6,815	14,847
30°x30°	6,479	18,500
30°x60°	6,446	9,744
30°x90°	5,961	6,794
60°x60°	6,394	5,805
90°x90°	6,244	3,872
30°x10°	6,281	41,347
60°x10°	6,523	25,961
60°x30°	6,408	10,994
90°x10°	6,212	15,048
W (120°)	5,028	1,729

Asymmetric

NAS	6,491	85,863
WW	5,957	9,250
LWA	5,012	9,692

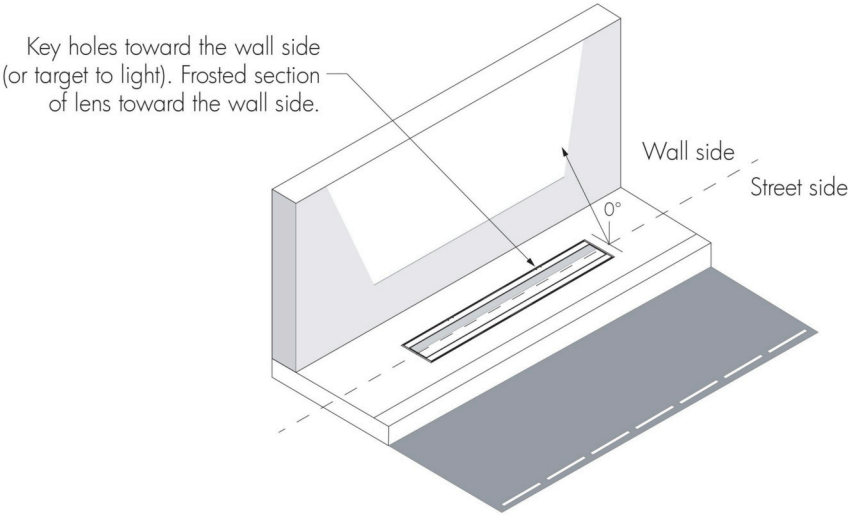
Based on 4000K, 48 in, DMX/RDM control configuration.

Spectral Power Distribution



Refer to the TM-30 and Spectral Power Distribution Guide on the website for information on other color temperatures.

Optical Chamber Orientation



Cables (Order Separately)

LFMILC - Lumenfacade Max Inground Leader Cable



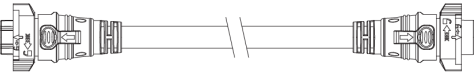
LFMILC-CERTIFICATION-LENGTH-VOLTAGE-LENGTH-CONNECTOR/CABLE TYPE-CONNECTOR SHAPE-CABLE/CONNECTOR COLOR

Please specify:

CERTIFICATION: UL; **VOLTAGE:** 120_277; **LENGTH:** 10 ft, 25 ft, 50 ft, 100 ft, 150 ft; **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 COLOR:** BK (Black) (connectors are the same color as the specified cable color).

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

LFMIJC - Lumenfacade Max Inground Jumper Cable



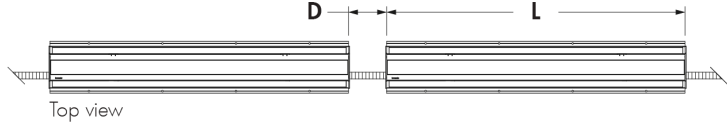
LFMIJC-CERTIFICATION-LENGTH-VOLTAGE-LENGTH-CONNECTOR/CABLE TYPE-CONNECTOR SHAPE-CABLE/CONNECTOR COLOR

Please specify:

CERTIFICATION: UL; **VOLTAGE:** 120_277; **LENGTH:** 2 ft, 4 ft, 10 ft, 25 ft, 50 ft, 100 ft, 150 ft; **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 COLOR:** BK (Black) (connectors are the same color as the specified cable color).

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

Jumper Cable Length Selection



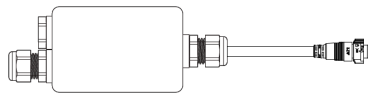
D - Distance between two fixtures
L - Length of fixture

Add the length of one fixture to the distance between two fixtures: $L + D$. Order the next longest jumper cable available: 2 ft, 4 ft, 10 ft, 15 ft, 20 ft, 25 ft or 30 ft.

Example: if the distance between two 4 ft fixtures is 0.5 ft, $L + D = 4.5$ ft, therefore a 10 ft 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 12 in fixtures.

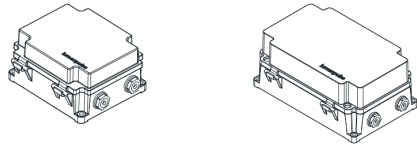
LFMIJB-**CERTIFICATION-VOLTAGE-CONNECTOR/CABLE TYPE-CONNECTOR SHAPE-CABLE/CONNECTOR COLOR**

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 COLOR:** BK (Black) (connectors are the same color as the specified cable color).

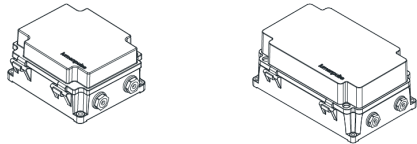
Control Boxes (Order Separately)

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.

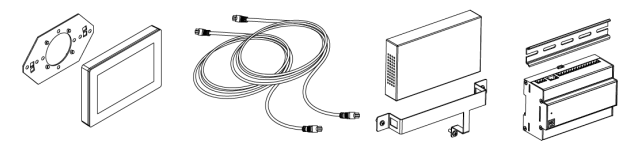
CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)



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.

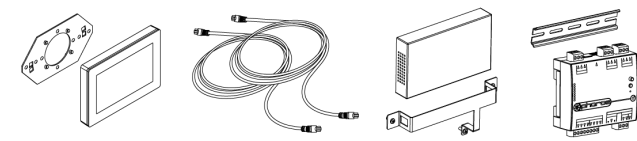
Control Systems (Order Separately)

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.

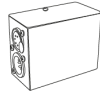
EXPERT - Pharos® Express Control Kit



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

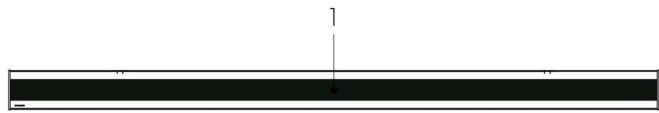
DMX/RDM Control, Resolution Per Foot: Each 12 in Section is Addressed Independently

DMX Addresses:



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

DMX Addresses:



- 48 in 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 Color Code

NO, DIM, DALI 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

On/Off Control (NO)

Lumenfacade Max Inground 6W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	156ft	404ft	444ft	512ft

Lumenfacade Max Inground 10W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	120ft	256ft	280ft	324ft

Lumenfacade Max Inground 18W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	80ft	148ft	160ft	188ft

Based on 48 in fixtures, NO (on/off) control, 25 ft, end-to-end run.

DMX/RDM Control (DMX/RDM)

Lumenfacade Max Inground 6W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	184ft	256ft	256ft	256ft

Lumenfacade Max Inground 10W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	140ft	256ft	256ft	256ft

Lumenfacade Max Inground 18W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	80ft	152ft	164ft	192ft

Based on 48 in 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 6W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	184ft	424ft	464ft	512ft

Lumenfacade Max Inground 10W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	140ft	264ft	288ft	336ft

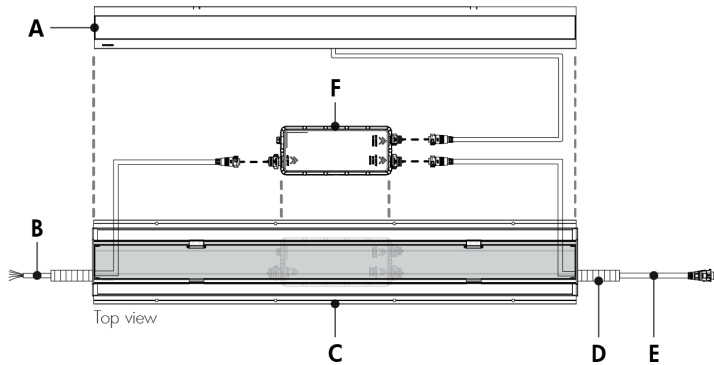
Lumenfacade Max Inground 18W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	80ft	152ft	164ft	192ft

Based on 48 in fixtures, per foot resolution, ExtendX control, end-to-end run. Refer to Typical Wiring Diagrams for Control Protocol specific run length rules.

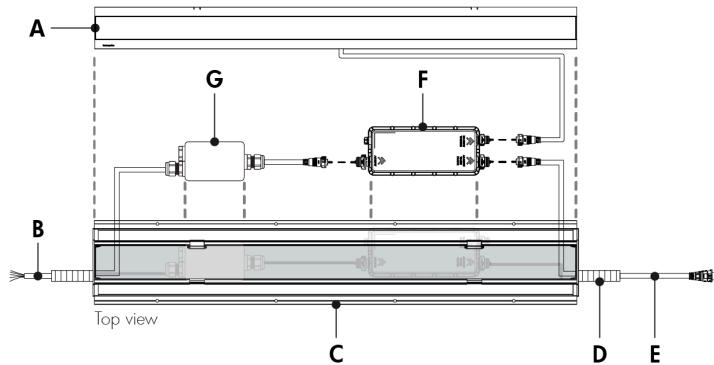
Typical Wiring Diagrams

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

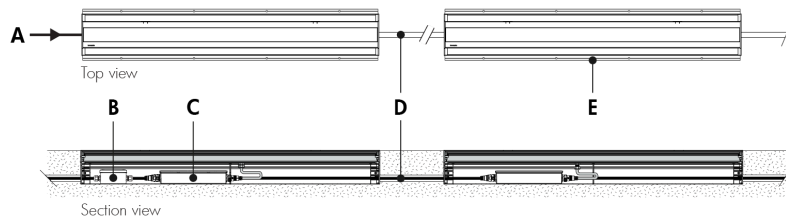
Typical Installation With IP68 LFMIJB Accessory



- 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 12 in fixtures.

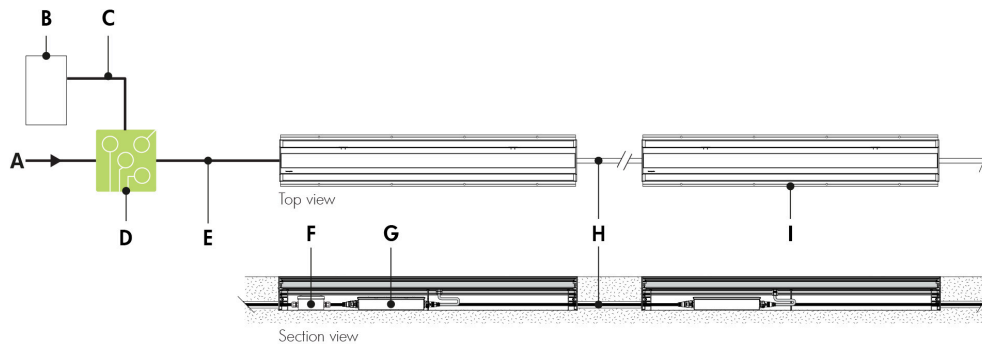
On/Off Control (NO)



- A** - Power input (120-277V, wiring by others)
- B** - IP68 LFMIJB (optional)
- C** - PACBOX
- D** - Jumper cable (LFMIJC)
- E** - Lumenfacade Max Inground

- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.

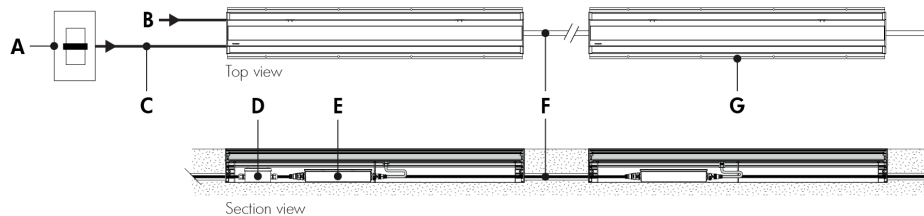
Lumentalk (LT)



- 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, -DMX, -TRIAC, -DALI)
- E** - Power wiring (by others)
- F** - IP68 LFMIJB (optional)
- 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.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third party fixtures allowed on the same circuit.
- 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.
- Consult factory for DALI Lumentalk applications.
- 1% minimum dimming value.

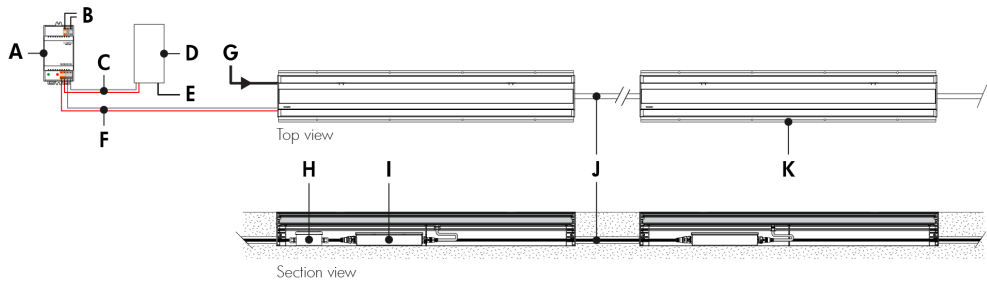
0-10V Dimming (DIM)



- A** - Dimmer (by others)
- B** - Power input (120-277V, wiring by others)
- C** - Data wiring (by others)
- D** - IP68 LFMIJB (optional)
- E** - PACBOX
- F** - Jumper cable (LFMIJC)
- G** - Lumenfacade Max Inground

- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 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.

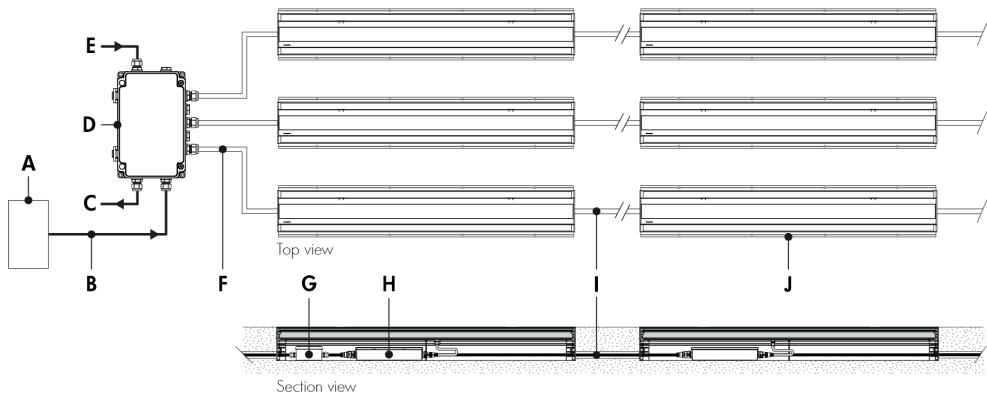
DALI Dimming (DALI)



- A - DALI bus power supply (by others)
- B - Power input for DALI bus power supply (wiring by others)
- C - Data output to DALI controller (wiring by others)
- D - DALI controller (by others)
- E - Power input for DALI controller (wiring by others)
- F - Data output to fixture (wiring by others)
- G - Power input (120-277V, wiring by others)
- H - IP68 LFMIJB (optional)
- I - PACBOX
- J - Jumper cable (LFMIJC)
- K - Lumenfacade Max Inground

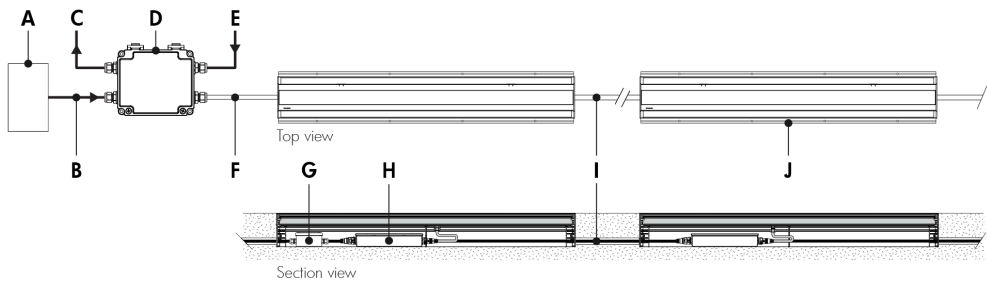
- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- Maximum of 64 DALI fixtures per DALI loop.
- 1% minimum dimming value.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.

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 - IP68 LFMIJB (optional)
- H - PACBOX
- I - Jumper cable (LFMIJC)
- J - Lumenfacade Max Inground

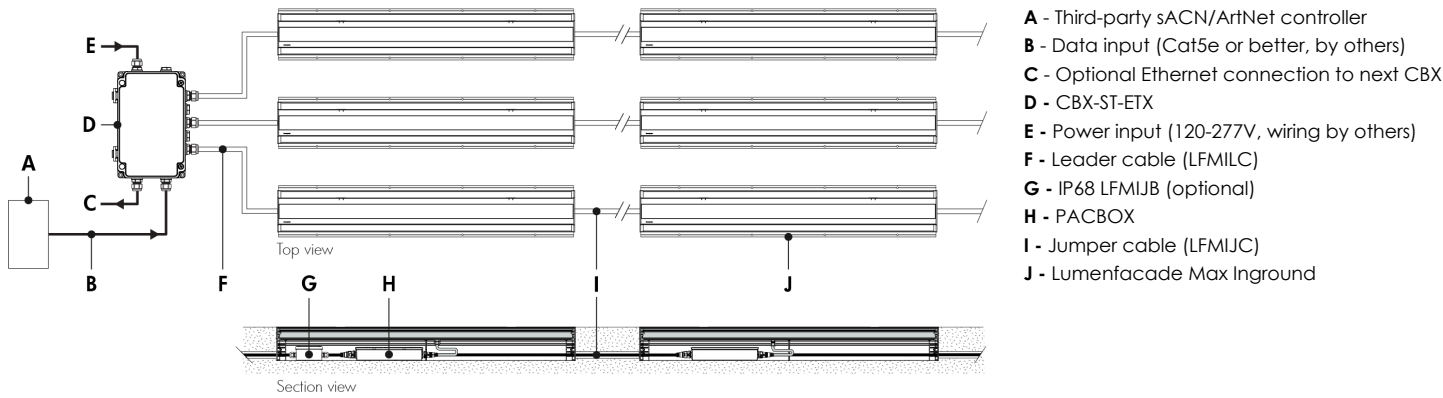
Daisy Chain Layout (DMX/RDM)



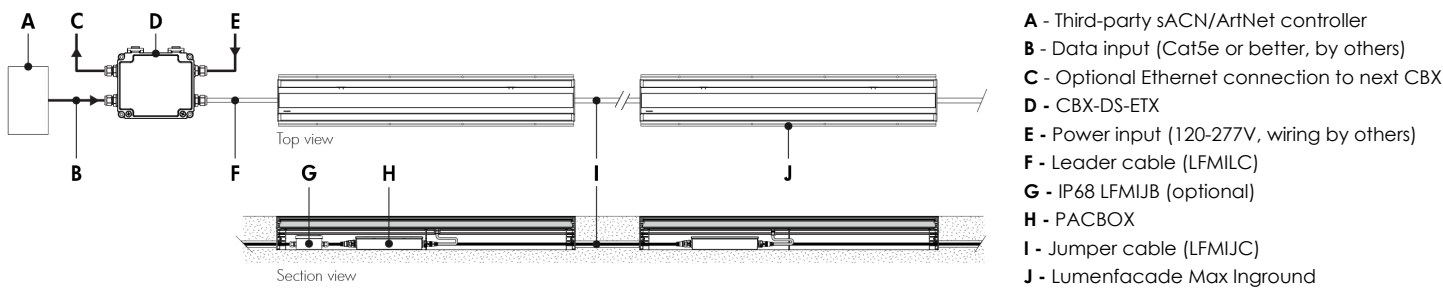
- A - DMX/RDM controller (order separately from Lumenpulse, or by others)
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, not isolated/not boosted)
- D - CBX-DS
- E - Power input (120-277V, wiring by others)
- F - Leader cable (LFMILC)
- G - IP68 LFMIJB (optional)
- 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. Maximum run length calculations are typically based on 48 in fixtures.
- 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 DMX address.
- 1% minimum dimming value.

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.

How to Order

Housing ⁽¹⁾ ⁽³⁾ ⁽⁴⁾	Certification	Voltage	Length	Wattage	Color and Color Temperature ⁽⁹⁾	Color Rendering	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⁾	12 13 1/16 in (7.5 lbs) ⁽⁴⁾	6W 6 W/ft	22K 2200K	CR80 CRI 80+ (applicable to 22K, 27K, 30K, 35K and 40K color temperatures only)	8x8 8° x 8° ⁽¹¹⁾ ⁽¹²⁾	CL Clear Lens	NA No Accessory INTL Internal Louver ⁽¹⁷⁾	NO On/Off Control DIM 0-10V Dimming ⁽¹⁸⁾ LT Lumentalk ⁽¹⁹⁾ DMX/RDM DMX/RDM Enabled Dimming ⁽²⁰⁾ DALI DALI 2 T6 Enabled Dimming 0.1% ⁽¹⁸⁾ ⁽²¹⁾ ETX ExtendX™ ⁽¹⁸⁾ ⁽²²⁾	BAA Buy America.n ⁽⁷⁾ ⁽²³⁾
		230 220 to 240 volts ⁽⁸⁾	24 25 1/16 in (15.3 lbs)	10W 10 W/ft	27K 2700K		10x10 10° x 10° ⁽¹²⁾	HFR Half-Frosted Lens			
			36 37 1/16 in (21.4 lbs)	18W 18 W/ft	30K 3000K		10x30 10° x 30°	FR Frosted Lens			
			48 49 1/16 in (27 lbs)		35K 3500K		10x60 10° x 60°	CL/ASL Clear Lens with Anti-Slip			
					40K 4000K		10x90 10° x 90°	HFR/ASL Half-Frosted Lens with Anti-Slip			
					RD Red ⁽¹⁰⁾		30x30 30° x 30° ⁽¹³⁾	FR/ASL Frosted Lens with Anti-Slip			
					GR Green ⁽¹⁰⁾		30x60 30° x 60° ⁽¹³⁾				
					BL Blue ⁽¹⁰⁾		30x90 30° x 90° ⁽¹³⁾				
					AMB Phosphor Converted Amber (PC Amber) ⁽¹⁰⁾		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 ⁽¹⁴⁾ ⁽¹⁵⁾				
							WW Asymmetric Wallwash ⁽¹⁶⁾				
							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/color, 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 12 in 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. Consult factory for availability of static Royal Blue, 6500K and 90+ CRI.

10. Available for 6 W/ft and 10 W/ft versions only.

11. Available for 22K, 27K, 30K, 35K and 40K color temperatures only.
12. For best results use a minimum 3 in 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 for 22K, 27K, 30K, 35K and 40K color temperature options only.

15. Can be combined with a CL, HFR or FR lens for RD, GR, BL, AMB static colors.

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

17. The addition of an internal louver will affect beam distribution. Consult factory for application support.

18. Minimum dimming value is less than 1%.

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

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

21. DALI 2 T6 controller required, provided by others.

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

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