

Project Name

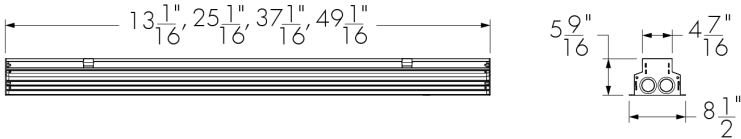
Qty

Type

Catalog / Part Number



Top view



Front and side views

Photometric Summary (18 W/ft)

Symétrique

	Lumens délivrés (lm)	Intensité lumineuse (cd)
10°x10°	4894	66 766
10°x30°	4735	23 069
10°x60°	5057	16 033
10°x90°	5058	10 933
30°x30°	4962	11 736
30°x60°	4923	6422
30°x90°	4471	4558
60°x60°	4864	4005
90°x90°	4755	2753
30°x10°	4757	23 437
60°x10°	4886	14 818
60°x30°	4875	7249
90°x10°	4336	8700
W (120°)	3749	1321

Asymétrique

NAS	5064	27 841
WW	5052	8306
LWA	4089	5585

1. Based on MDWH, 48 in, DMX/RDM control.
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 Dynamic White Photometric Guide](#) on Lumenpulse website for information on other color temperatures.

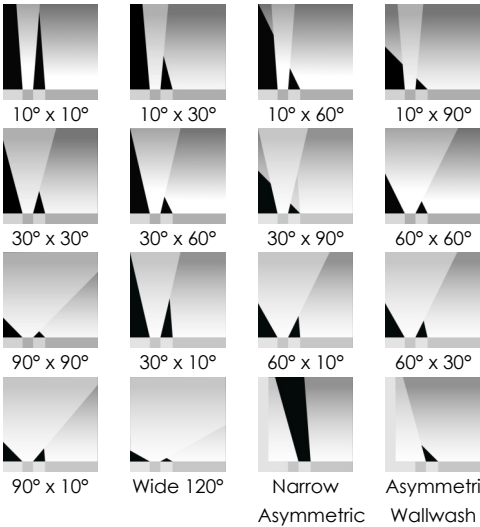
Description

The Lumenfacade Max Inground Dynamic White is a ground-recessed LED luminaire with a special Lumenpulse feature that allows smooth variations in colour temperature (from 2200K to 6500K, and now with DWWP). Ideal for indoor hospitality applications or heritage and red brick architecture, Dynamic White gives architects and designers the flexibility to adjust the ambiance of spaces and façades, as needed. The Lumenfacade Max Inground Dynamic White is available in four different lengths (12 in, 24 in, 36 in or 48 in), with a wide choice of outputs, 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	MDWW: 2200K to 3000K, CRI 80, Mutli-Channel Control MDWWP: 2200K to 3500K, CRI 80, Mutli-Channel Control MDWH: 2700K to 6500K, CRI 80, Mutli-Channel Control MDTW: 2700K to 2200K, CRI 80, Dim to Warm, 1 Channel Control
Optics	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° (cove distribution type), Narrow Asymmetric, Asymmetric Wallwash, Low Wall Asymmetric
Optical Option	Internal Louver
Warranty	5-year limited warranty

Optic



Color and Color Temperature



Control



extendX

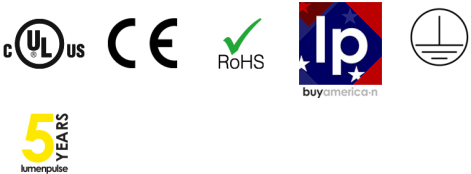
Lumencycle™ Program



Ratings

IP68 IK10

Certifications



Performance

Maximum Delivered Output

1,412 lm
(6 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)
2,300 lm
(10 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)
4245 lm
(18 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)
1,602 lm
(6 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)
2,631 lm
(10 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)
4,894 lm
(18 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)
Refer to Photometric Guide on Lumenpulse website for information on other color temperatures.

Maximum Delivered Intensity

18,620 cd at nadir
(6 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)
31,374 cd at nadir
(10 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)
57,924 cd at nadir
(18 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)
21,117 cd at nadir
(6 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)
35,896 cd at nadir
(10 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)
66,766 cd at nadir
(18 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)
Refer to Photometric Guide on Lumenpulse website for information on other color temperatures.

Illuminance at Distance

Minimum 1 fc at 137 ft
(6 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)
Minimum 1 fc at 177 ft
(10 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)
Minimum 1 fc at 241 ft
(18 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)
Minimum 1 fc at 145 ft
(6 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)
Minimum 1 fc at 190 ft
(10 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)
Minimum 1 fc at 258 ft
(18 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)
Refer to Photometric Guide on Lumenpulse website for information on other color temperatures.

Lumen Maintenance	L70 (15K) > 90,000 hrs Ta 25 °C (TM-21 reported) L70 > 150,000 hrs Ta 25 °C (projected)* L90 (15K) = 65,700 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
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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	0-10V Dimming, Lumentalk, DMX/RDM Enabled Dimming 0.1%, DALI 2 T8 Enabled Dimming 0.1%, ExtendX™

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 (MDWH)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	1,548	21,117
10°x30°	1,498	7,296
10°x60°	1,599	5,071
10°x90°	1,600	3,458
30°x30°	1,569	3,712
30°x60°	1,557	2,031
30°x90°	1,414	1,441
60°x60°	1,539	1,267
90°x90°	1,504	871
30°x10°	1,505	7,413
60°x10°	1,545	4,687
60°x30°	1,542	2,293
90°x10°	1,371	2,752
W (120°)	1,186	418
Asymmetric		
NAS	1,602	8,806
WW	1,598	2,627
LWA	1,293	1,766

Based on MDWH, full output, 48 in, DMX/RDM.

10 W/ft (MDWH)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	2,631	35,896
10°x30°	2,546	12,402
10°x60°	2,719	8,620
10°x90°	2,719	5,878
30°x30°	2,668	6,309
30°x60°	2,647	3,453
30°x90°	2,404	2,450
60°x60°	2,615	2,153
90°x90°	2,557	1,480
30°x10°	2,557	12,601
60°x10°	2,627	7,967
60°x30°	2,621	3,897
90°x10°	2,331	4,678
W (120°)	2,015	710
Asymmetric		
NAS	2,723	14,969
WW	2,716	4,466
LWA	2,198	3,003

Based on MDWH, full output, 48 in, DMX/RDM.

18 W/ft (MDWH)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	4,894	66,766
10°x30°	4,735	23,069
10°x60°	5,057	16,033
10°x90°	5,058	10,933
30°x30°	4,962	11,736
30°x60°	4,923	6,422
30°x90°	4,471	4,558
60°x60°	4,864	4,005
90°x90°	4,755	2,753
30°x10°	4,757	23,437
60°x10°	4,886	14,818
60°x30°	4,875	7,249
90°x10°	4,336	8,700
W (120°)	3,749	1,321
Asymmetric		
NAS	5,064	27,841
WW	5,052	8,306
LWA	4,089	5,585

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

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, NAS and CAS optics tested with CL lens. WW optic tested with HFR lens.

6 W/ft (MDWW and MDTW)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	1,365	18,620
10°x30°	1,321	6,433
10°x60°	1,410	4,471
10°x90°	1,411	3,049
30°x30°	1,384	3,273
30°x60°	1,373	1,791
30°x90°	1,247	1,271
60°x60°	1,357	1,117
90°x90°	1,326	768
30°x10°	1,327	6,536
60°x10°	1,363	4,133
60°x30°	1,360	2,022
90°x10°	1,209	2,426
W (120°)	1,045	369
Asymmetric		
NAS	1,412	7,765
WW	1,409	2,317
LWA	1,140	1,558

Based on MDWW and MDTW, full output, 48 in, DMX/RDM.

10 W/ft (MDWW and MDTW)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	2,300	31,374
10°x30°	2,225	10,840
10°x60°	2,376	7,534
10°x90°	2,377	5,138
30°x30°	2,332	5,515
30°x60°	2,314	3,018
30°x90°	2,101	2,142
60°x60°	2,286	1,882
90°x90°	2,235	1,293
30°x10°	2,235	11,013
60°x10°	2,296	6,963
60°x30°	2,291	3,406
90°x10°	2,037	4,088
W (120°)	1,762	621
Asymmetric		
NAS	2,380	13,083
WW	2,374	3,903
LWA	1,921	2,624

Based on MDWW and MDTW, full output, 48 in, DMX/RDM.

18 W/ft (MDWW)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	4,245	57,924
10°x30°	4,108	20,013
10°x60°	4,387	13,909
10°x90°	4,388	9,485
30°x30°	4,305	10,181
30°x60°	4,271	5,572
30°x90°	3,879	3,954
60°x60°	4,220	3,475
90°x90°	4,126	2,388
30°x10°	4,127	20,333
60°x10°	4,239	12,856
60°x30°	4,229	6,289
90°x10°	3,761	7,548
W (120°)	3,252	1,146
Asymmetric		
NAS	4,393	24,154
WW	4,383	7,206
LWA	3,547	4,845

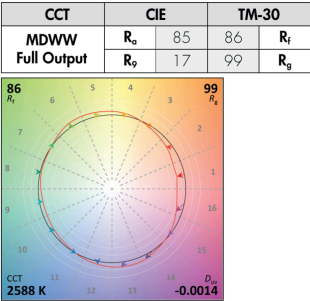
Based on 3000K, 48 in, DMX/RDM control configuration.

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

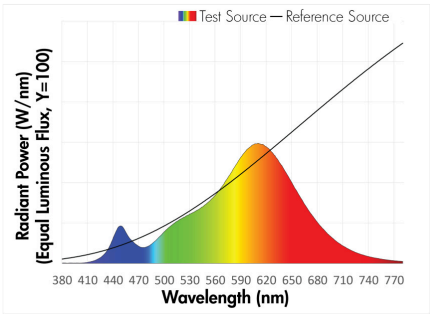
10x10, 10x30, 10x60, 10x90, 30x30, 30x60, 30x90, 60x60, 90x90, 30x10, 60x10, 60x30, 90x10, W and LWA optics tested with CL lens. NAS and WW optics tested with HFR lens.

Chromaticity Data

TM-30 - MDWW

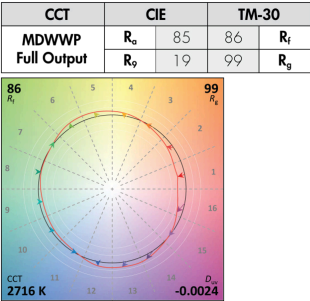


MDWW Spectral Power Distribution

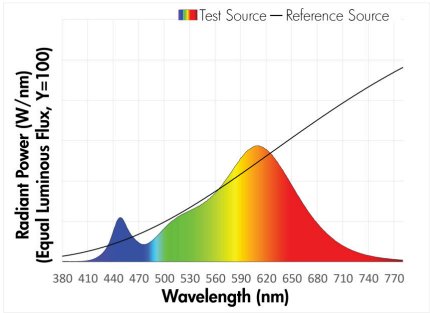


Refer to the TM-30 and Spectral Power Distribution Guide on the website for information on other color temperatures.

TM-30 - MDWWP

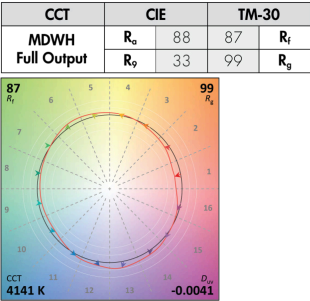


MDWWP Spectral Power Distribution

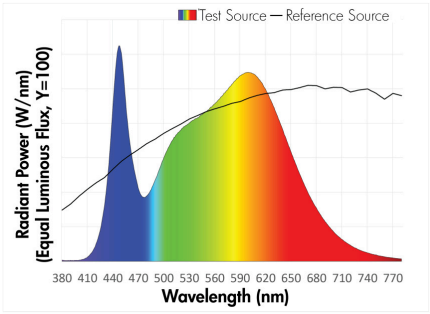


Refer to the TM-30 and Spectral Power Distribution Guide on the website for information on other color temperatures.

TM-30 - MDWH

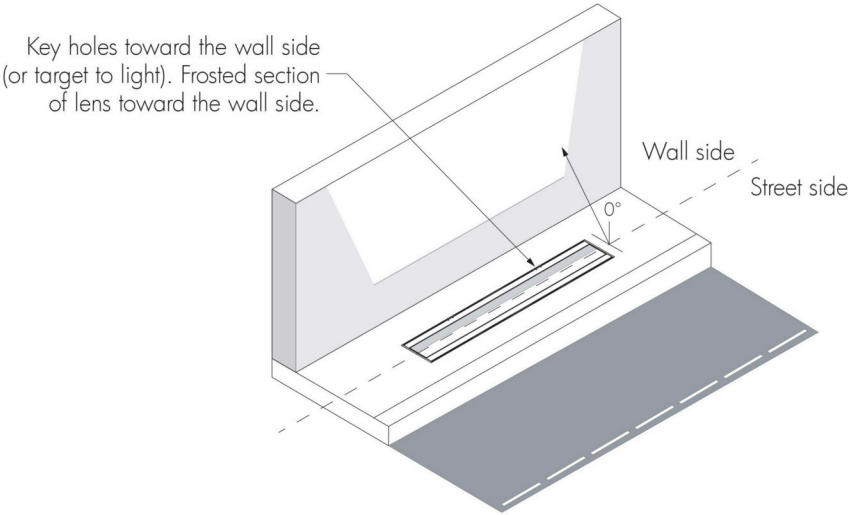


MDWH Spectral Power Distribution



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



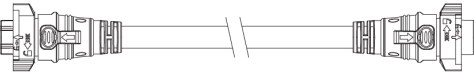
LFMILC-CERTIFICATION-LENGTH-VOLTAGE-LENGTH-CONNECTOR/CABLE TYPE-CONNECTOR SHAPE-CABLE/CONNECTOR COLOR

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



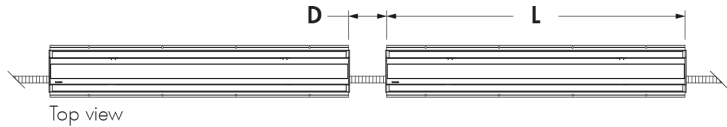
LFMIJC-CERTIFICATION-LENGTH-VOLTAGE-LENGTH-CONNECTOR/CABLE TYPE-CONNECTOR SHAPE-CABLE/CONNECTOR COLOR

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



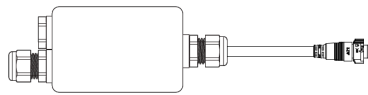
D - Distance between two fixtures
L - Length of fixture

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.

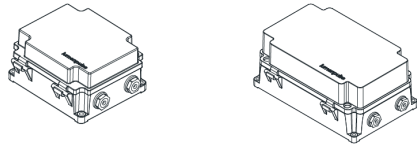
LFMIJB-**CERTIFICATION-VOLTAGE-CONNECTOR/CABLE TYPE-CONNECTOR SHAPE-CABLE/CONNECTOR COLOR**

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).

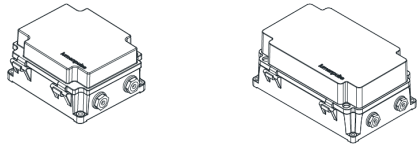
Control Boxes (Order Separately)

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.

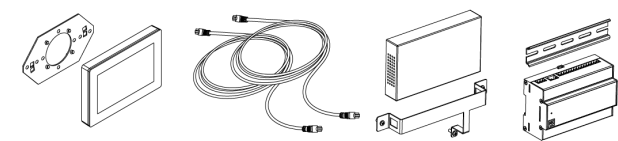
CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)



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.

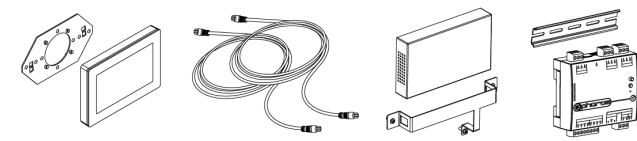
Control Systems (Order Separately)

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.

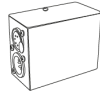
EXPERT - Pharos® Express Control Kit



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

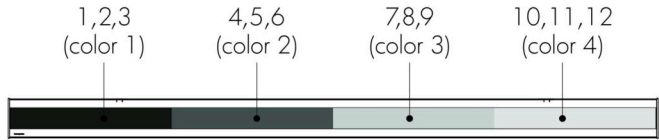


The updated LumenID (LID) is an all-in-one diagnostic and addressing solution for both DMX/RDM and Lumentalk (LT) systems. Engineered for versatility, it streamlines commissioning and troubleshooting across protocols—no need for multiple tools. Cable option may vary; please consult factory. For complete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

Resolution Details

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

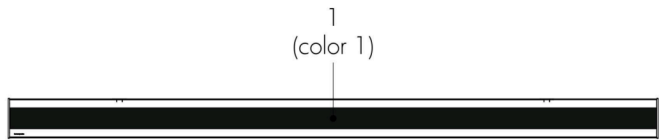
DMX Addresses:



DMX/RDM control option

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

DMX Addresses:



DMX/RDM control option

- 48 in fixtures shown.
- Applicable for DMX/RDM control options only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Wiring Color Code

DIM, 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 6W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	170ft	170ft	170ft	170ft

Lumenfacade Max Inground 10W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	140ft	170ft	170ft	170ft

Lumenfacade Max Inground 18W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	80ft	152ft	164ft	170ft

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

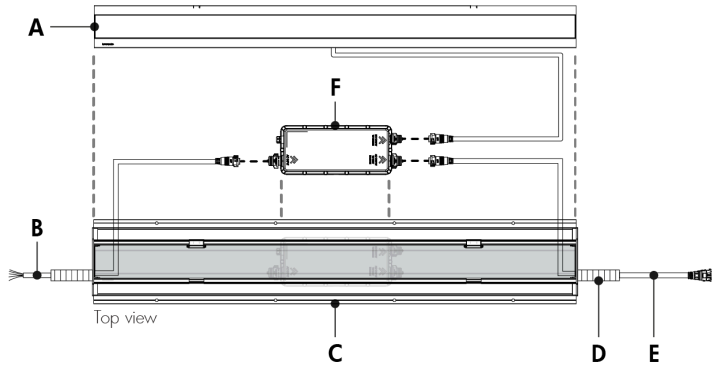
Lumenfacade Max Inground 18W/ft

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.

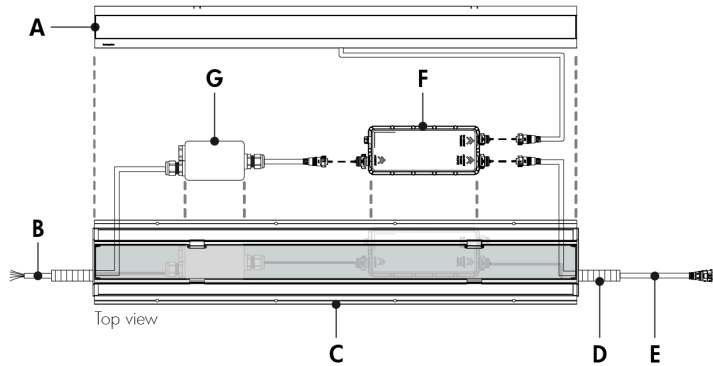
Typical Wiring Diagrams

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

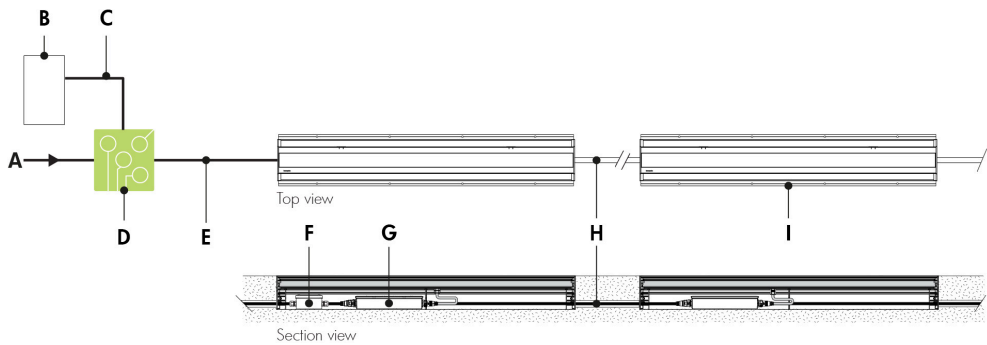
Typical Installation With IP68 LFMIJB Accessory



- 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.

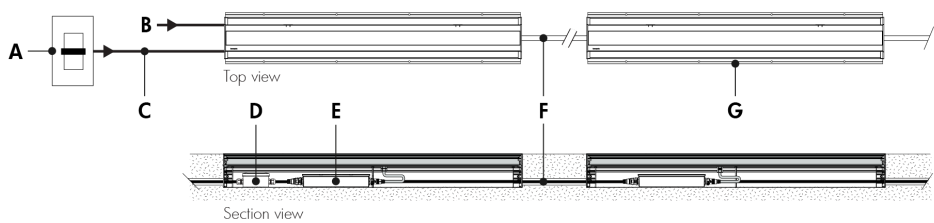
Lumentalk (LT)



- 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 - 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.
- 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.

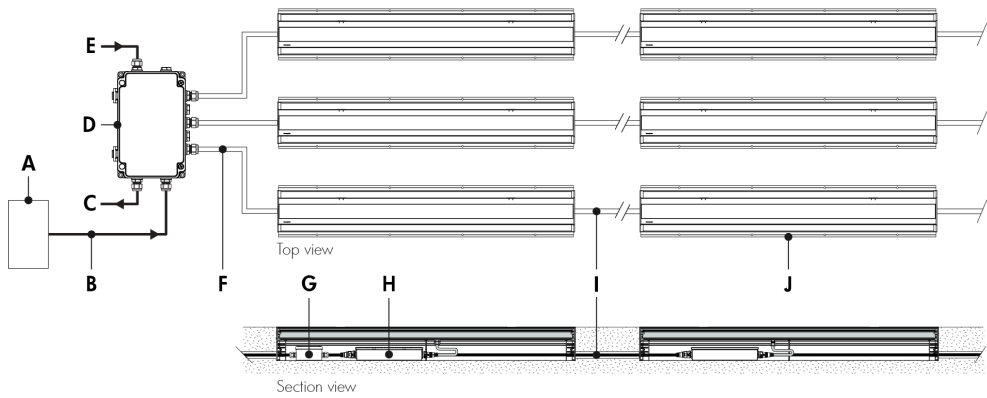
Dim to Warm Via 0-10V (DIM)



- 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

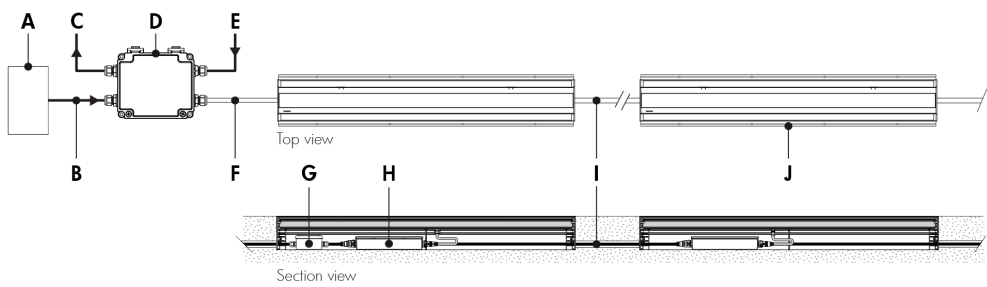
- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- 0-10V mA ratings: passive dimmer (Current Sink): 3 mA per fixture, active dimmer (Current Source): 0.5 mA per fixture.

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

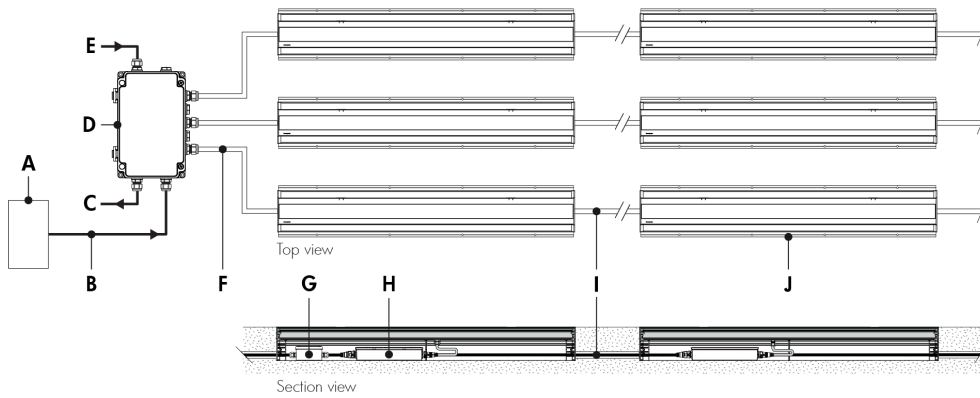
Daisy Chain Layout (DMX/RDM)



- 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

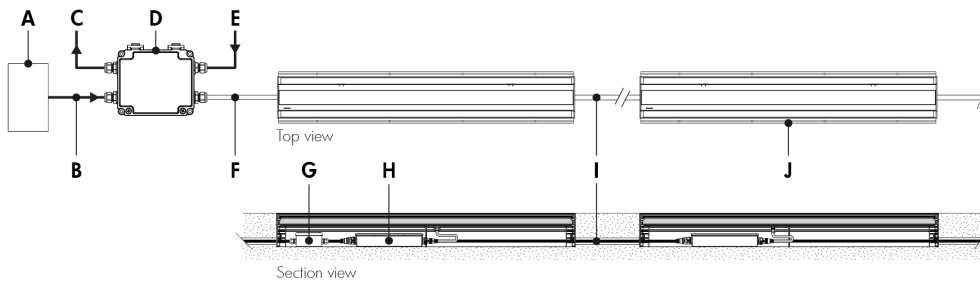
- Consult the installation instructions for additional wiring details.
- Consult factory for specific applications and maximum fixture count/cable length recommendations. Maximum run length calculations are typically based on 48 in fixtures.
- The DMX/RDM protocol states a maximum of 64 DMX/RDM enabled 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.
- DMX/RDM1 control option requires 1 DMX address. DMX/RDM control option requires 3 DMX addresses.

Star Layout (ExtendX)



- A** - Third-party sACN/ArtNet controller
- B** - Data input (Cat5e or better, by others)
- C** - Optional Ethernet connection to next CBX
- D** - CBX-ST-ETX
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LFMILC)
- G** - IP68 LFMIB (optional)
- H** - PACBOX
- I** - Jumper cable (LFMIJC)
- J** - Lumenfacade Max Inground

Daisy Chain Layout (ExtendX)



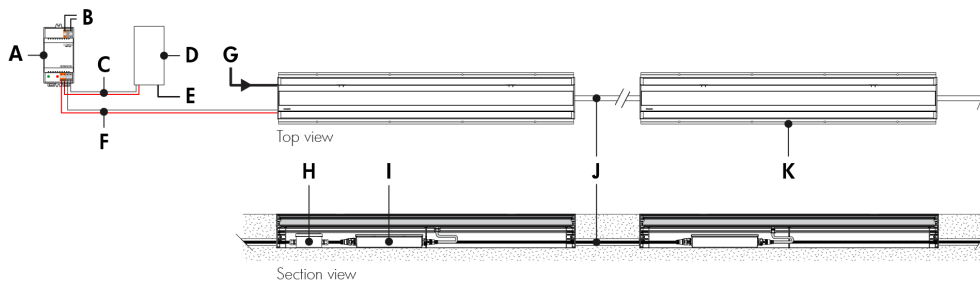
- A** - Third-party sACN/ArtNet controller
- B** - Data input (Cat5e or better, by others)
- C** - Optional Ethernet connection to next CBX
- D** - CBX-DS-ETX
- E** - Power input (120-277V, wiring by others)
- F** - Leader cable (LFMILC)
- G** - IP68 LFMIJB (optional)
- H** - PACBOX
- I** - Jumper cable (LFMIJC)
- J** - Lumenfacade Max Inground

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 (DALIT8)



- 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 (if required, 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.
- The Lumenfacade 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	Color and Color 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 13 1/16 in (7.5 lbs) ⁽⁴⁾	6W 6 W/ft	MDWW 2200K to 3000K, CRI 80, Multi-Channel Control ⁽⁹⁾	10x10 10° x 10° ⁽¹¹⁾	CL Clear Lens	NA No Accessory	DIM 0-10V Dimming (Dim-to-Off) ⁽¹⁵⁾ ⁽¹⁶⁾	BAA Buy America.n ⁽⁷⁾ ⁽²¹⁾
			24 25 1/16 in (15.3 lbs)	10W 10 W/ft	MDWWP 2200K to 3500K, CRI 80, Multi-Channel Control ⁽⁹⁾	10x30 10° x 30°	HFR Half-Frosted Lens	INTL Internal Louver ⁽¹⁴⁾	LT Lumentalk ⁽¹⁶⁾ ⁽¹⁷⁾	
			36 37 1/16 in (21.4 lbs)	18W 18 W/ft	MDWH 2700K to 6500K, CRI 80, Multi-Channel Control ⁽⁹⁾	10x60 10° x 60°	FR Frosted Lens		DMX/RDM DMX/RDM Enabled Dimming 0.1% ⁽¹⁶⁾ ⁽¹⁸⁾	
			48 49 1/16 in (27 lbs)		MDTW 2700K to 2200K, CRI 80, Dim to Warm, 1 Channel Control ⁽¹⁰⁾	10x90 10° x 90°	CL/ASL Clear Lens with Anti-Slip		DALIT8 DALI 2 T8 Enabled Dimming 0.1% ⁽¹⁶⁾ ⁽¹⁹⁾	
						30x30 30° x 30° ⁽¹²⁾	HFR/ASL Half-Frosted Lens with Anti-Slip		ETX ExtendXTM ⁽¹⁶⁾ ⁽²⁰⁾	
						30x60 30° x 60° ⁽¹²⁾	FR/ASL Frosted Lens with Anti-slip			
						30x90 30° x 90° ⁽¹²⁾				
						60x60 60° x 60° ⁽¹²⁾				
						90x90 90° x 90° ⁽¹²⁾				
						30x10 30° x 10° ⁽¹²⁾				
						60x10 60° x 10° ⁽¹²⁾				
						60x30 60° x 30° ⁽¹²⁾				
						90x10 90° x 10° ⁽¹²⁾				
						W Wide 120°				
						NAS Narrow Asymmetric				
						WW Asymmetric Wallwash ⁽¹³⁾				
						LWA Low Wall Asymmetric ⁽¹²⁾				

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. Available with DALIT8, LT and DMX/RDM control options.

10. Available with LT, DMX/RDM and DIM control options.
11. For best results use a minimum 3 in setback from surface. Contact factory for application support.

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

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

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

15. Available for MDTW color temperature option only.

16. Minimum dimming value is less than 1%.

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

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.