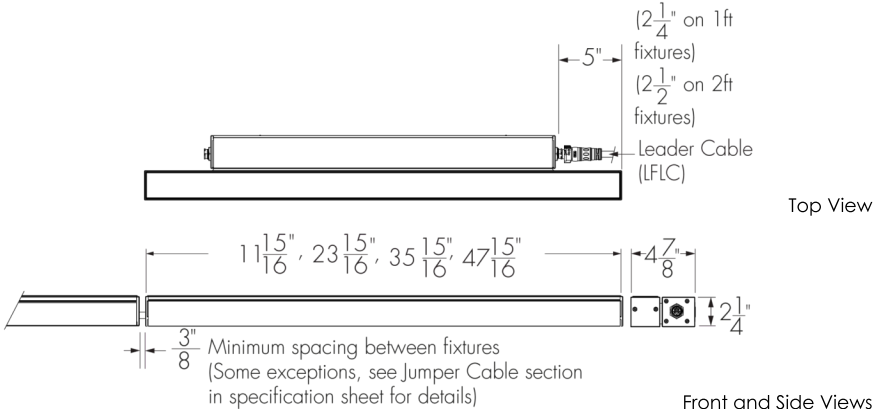


Project Name \_\_\_\_\_

Qty \_\_\_\_\_

Type \_\_\_\_\_

Catalog / Part Number \_\_\_\_\_



MDWH Configuration Shown

Front and Side Views  
36 in Fixtures Shown

Photometric Summary (22 W/ft)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	6,113	81,532
10°x30°	5,777	30,005
10°x60°	5,814	18,433
10°x90°	5,815	12,570
30°x30°	5,705	13,493
30°x60°	5,661	7,384
30°x90°	5,140	5,240
60°x60°	5,593	4,605
90°x90°	5,468	3,165
30°x10°	5,469	26,946
60°x10°	5,618	17,037
60°x30°	5,605	8,335
90°x10°	4,985	10,003
W (120°)	4,310	1,519
Asymmetric		
NAS	6,021	36,752
WW	5,809	9,550
CAS	4,701	6,421

1. Based on MDWH, 48 in, DMX/RDM control.

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

4. Refer to the [Lumenfacade Max Dynamic White Photometric Guide](#) on Lumenpulse website for information on other color temperatures.

Description

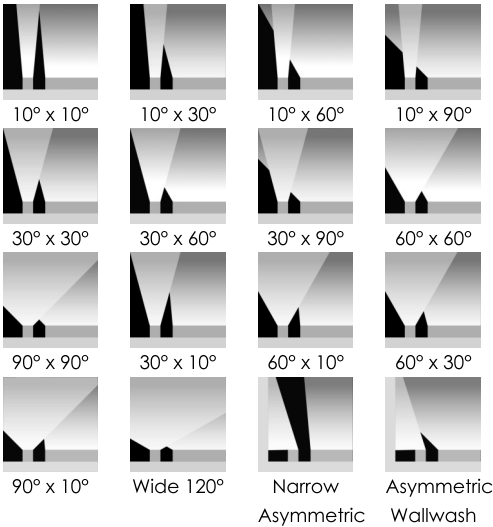
The Lumenfacade Max Dynamic White introduces never-before-seen technologies and is the first linear fixture in the world to feature Opticolor™, Lumenpulse's revolutionary, patented mixed-at-source technology. Available in three colour temperature ranges, as well as Lumenpulse's Dim to Warm option, the Lumenpulse Max Dynamic White allows you the variability to dial each project to your vision.

Features

Length (Nominal)	12: 12 in, 24: 24 in, 36: 36 in, 48: 48 in
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
Vibration Rating	NVR: Buildings and Fixed Structures VRN: Pole-Mounts VRBO: Bridges and Overpasses
Fixed Mounting Options	FXH: Fixed Mounting Horizontal (0° Pivot Limit)

Continuously Adjustable Mounting Options	SMH: Slim Adjustable Mounting Horizontal Continuously Adjustable (100° Pivot Limit)	WMCH3: Wall Mounting Horizontal Continuously Adjustable, 3.5 in to Optical Center (120° Pivot Limit)
	WMCH6: Wall Mounting Horizontal Continuously Adjustable, 6 in to Optical Center (180° Pivot Limit)	WMCH12: Wall Mounting Horizontal Continuously Adjustable, 12 in to Optical Center (180° Pivot Limit)
	WMCH18: Wall Mounting Horizontal Continuously Adjustable, 18 in to Optical Center (180° Pivot Limit)	WMCH24: Wall Mounting Horizontal Continuously Adjustable, 24 in to Optical Center (180° Pivot Limit)

Optic



Color and Color Temperature



Control



Finish



Incrementally Adjustable Mounting Options

**WMIH3:** Wall Mounting  
Horizontal Incrementally Adjustable by 6°, 3.5 in to Optical Center (120° Pivot Limit)  
**WMIH12:** Wall Mounting  
Horizontal Incrementally Adjustable by 6°, 12 in to Optical Center (180° Pivot Limit)  
**WMIH24:** Wall Mounting  
Horizontal Incrementally Adjustable by 6°, 24 in to Optical Center (180° Pivot Limit)

**WMIH6:** Wall Mounting  
Horizontal Incrementally Adjustable by 6°, 6 in to Optical Center (180° Pivot Limit)  
**WMIH18:** Wall Mounting  
Horizontal Incrementally Adjustable by 6°, 18 in to Optical Center (180° Pivot Limit)

Optical Accessories

**LV:** Radial Louver  
**LVAS:** Radial Louver Asymmetric  
**VS:** Visor

Warranty

5-year limited warranty

Performance

Maximum Delivered Output

1,482 lm  
(6 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)  
2,499 lm  
(10 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)  
5,163 lm  
22 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)  
1,682 lm  
(6 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)  
2,859 lm  
(10 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)  
6,113 lm  
(22 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)

Maximum Delivered Intensity

19,765 cd at nadir  
(6 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)  
33,333 cd at nadir  
(10 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)  
68,868 cd at nadir  
(22 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM)  
22,430 cd at nadir  
(6 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)  
38,138 cd at nadir  
(10 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)  
81,532 cd at nadir  
(22 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)

Certifications



Illuminance at Distance	Minimum 1 fc at 141 ft (6 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM) Minimum 1 fc at 183 ft (10 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM) Minimum 1 fc at 262 ft (22 W/ft, 48 in fixture, MDWW and MDTW, 10° x 10°, CL lens, DMX/RDM) Minimum 1 fc at 150 ft (6 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM) Minimum 1 fc at 195 ft (10 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM) Minimum 1 fc at 286 ft (22 W/ft, 48 in fixture, MDWH, 10° x 10°, CL lens, DMX/RDM)
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
Physical	
Housing Material	Low copper content extruded aluminum
Lens Material	Tempered glass
Hardware Material	Stainless steel
End Cap Material	Die cast aluminum
Gasket Material	Silicone
Surface Finish	<b>XD:</b> Luminaire treated with extra-durable, multi-step finish: zirconium pretreatment completed with corrosion-resistant primer and electrostatically-applied, powder coat paint finish
Weight	5 lbs (12 in fixture) 9.3 lbs (24 in fixture) 14 lbs (36 in fixture) 17.5 lbs (48 in fixture)
Electrical and Control	
Voltage	120 to 277 Volts (UL Certification) 220 to 240 volts (CE certification, Class I ) 100 to 200 volts (PSE Certification)  Note: For 208V, 220V, 240V, and 277V systems, the voltage drop must not fall below 195V. For 200V system with PSE Certification, the voltage drop must not fall below 160V.
Wattage	<b>6W:</b> 6 W/ft, <b>10W:</b> 10 W/ft, <b>22W:</b> 22 W/ft
Control	<b>DALI8:</b> DALI 2 T8 Enabled Dimming 0.1% <b>LT:</b> Lumentalk <b>DMX/RDM:</b> DMX/RDM Enabled Dimming <b>DIM:</b> 0-10V Dimming <b>ETX:</b> ExtendX™

Inrush Current (Peak)	Meets NEMA-410 requirements (Based on voltage and control specifications, consult factory for details)
Environmental	
Storage Temperature	-40 °F to 185 °F
Start-up Temperature	-40 °F to 122 °F
Operating Temperature	For 6 W/ft fixtures: -40 °F to 122 °F For 10 W/ft fixtures: -40 °F to 122 °F For 22 W/ft fixtures, UL Certification: -40 °F to 122 °F For 22 W/ft fixtures, CE Certification: -40 °F to 104 °F
Ingress Protection Rating	IP66 IP67 (suitable for applications with temporary immersion in water only (no permanent immersion), proper drainage around the fixture is required). Consult factory for details
Impact Resistance Rating	IK07 (CL lens), IK07 (HFR lens), IK06 (FR lens) Consult factory for IK08 lens option
Application Wind Speed	Luminaires were designed based on AASHTO 2013 standard to ensure highest quality and safety. Installation should be validated by a local project engineer to ensure the luminaires are suitable for the wind speed and exposure of the specific application
Environment	Wet location rating

Accessories (Order Separately)

Cables	<b>LFLC:</b> Lumenfacade Leader Cable <b>LFJC:</b> Lumenfacade Jumper Cable <b>LFTJ:</b> Lumenfacade T-Junction
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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.

Photometric Information

6 W/ft (MDWW and MDTW)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	1,482	19,765
10°x30°	1,400	7,274
10°x60°	1,409	4,469
10°x90°	1,410	3,047
30°x30°	1,383	3,271
30°x60°	1,372	1,790
30°x90°	1,246	1,270
60°x60°	1,356	1,116
90°x90°	1,325	767
30°x10°	1,326	6,533
60°x10°	1,362	4,130
60°x30°	1,359	2,021
90°x10°	1,208	2,425
W (120°)	1,045	368
Asymmetric		
NAS	1,460	8,910
WW	1,408	2,315
CAS	1,140	1,557

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°	2,499	33,333
10°x30°	2,362	12,267
10°x60°	2,377	7,536
10°x90°	2,377	5,139
30°x30°	2,332	5,516
30°x60°	2,314	3,019
30°x90°	2,102	2,142
60°x60°	2,287	1,883
90°x90°	2,235	1,294
30°x10°	2,236	11,017
60°x10°	2,297	6,965
60°x30°	2,291	3,407
90°x10°	2,038	4,090
W (120°)	1,762	621
Asymmetric		
NAS	2,462	15,026
WW	2,375	3,904
CAS	1,922	2,625

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

22 W/ft (MDWW and MDTW)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	5,163	68,868
10°x30°	4,879	25,345
10°x60°	4,911	15,570
10°x90°	4,912	10,618
30°x30°	4,819	11,397
30°x60°	4,781	6,237
30°x90°	4,342	4,426
60°x60°	4,724	3,890
90°x90°	4,618	2,673
30°x10°	4,620	22,761
60°x10°	4,745	14,391
60°x30°	4,734	7,040
90°x10°	4,210	8,449
W (120°)	3,641	1,283
Asymmetric		
NAS	5,086	31,044
WW	4,907	8,067
CAS	3,971	5,424

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

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

Symmetric

	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	1,682	22,430
10°x30°	1,589	8,254
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	1,442
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	1,656	10,111
WW	1,598	2,627
CAS	1,293	1,767

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

10 W/ft (MDWH)

Symmetric

	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	2,859	38,138
10°x30°	2,702	14,035
10°x60°	2,720	8,622
10°x90°	2,720	5,880
30°x30°	2,669	6,311
30°x60°	2,648	3,454
30°x90°	2,405	2,451
60°x60°	2,616	2,154
90°x90°	2,558	1,480
30°x10°	2,558	12,605
60°x10°	2,628	7,969
60°x30°	2,622	3,899
90°x10°	2,332	4,679
W (120°)	2,016	711

Asymmetric

NAS	2,816	17,191
WW	2,717	4,467
CAS	2,199	3,004

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

22 W/ft (MDWH)

Symmetric

	Delivered Output (lm)	Intensity (Peak cd)
10°x10°	6,113	81,532
10°x30°	5,777	30,005
10°x60°	5,814	18,433
10°x90°	5,815	12,570
30°x30°	5,705	13,493
30°x60°	5,661	7,384
30°x90°	5,140	5,240
60°x60°	5,593	4,605
90°x90°	5,468	3,165
30°x10°	5,469	26,946
60°x10°	5,618	17,037
60°x30°	5,605	8,335
90°x10°	4,985	10,003
W (120°)	4,310	1,519

Asymmetric

NAS	6,021	36,752
WW	5,809	9,550
CAS	4,701	6,421

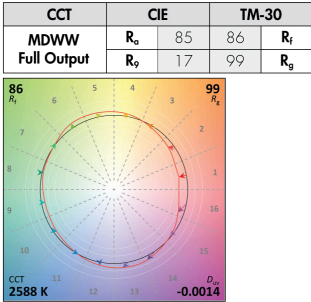
Based on MDWH, full output, 48 in, DMX/RDM.

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

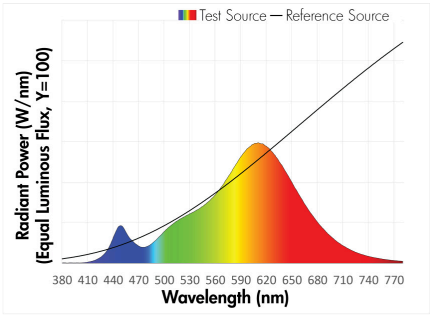
10x10, 10x30, 10x60, 10x90, 30x30, 30x60, 30x90, 60x60, 90x90, 30x10, 60x10, 60x30, 90x10, W, NAS and CAS optics tested with CL lens. WW optic tested with HFR lens.

Chromaticity Data

TM-30 - MDWW

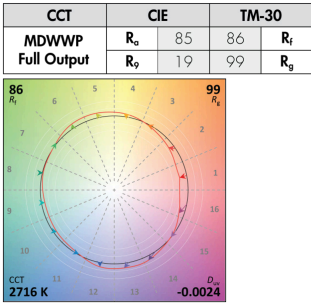


MDWW Spectral Power Distribution

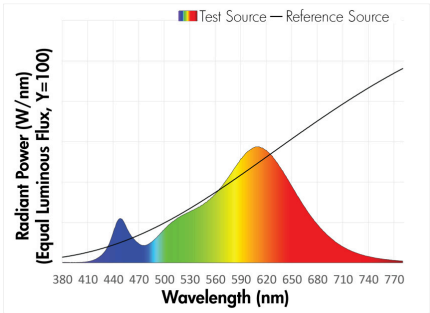


Refer to the TM-30 and Spectral Power Distribution Guide on the website for information on other color temperatures.

TM-30 - MDWWP

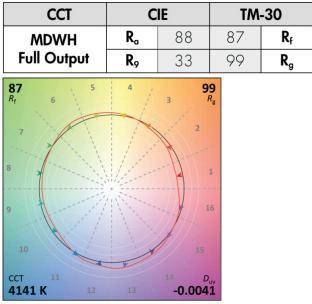


MDWWP Spectral Power Distribution

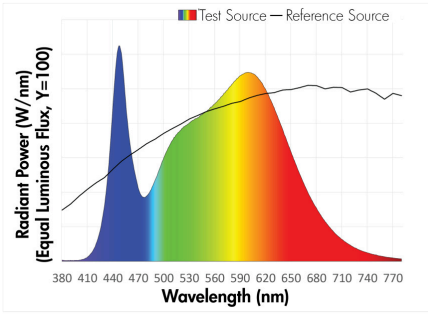


Refer to the TM-30 and Spectral Power Distribution Guide on the website for information on other color temperatures.

TM-30 - MDWH

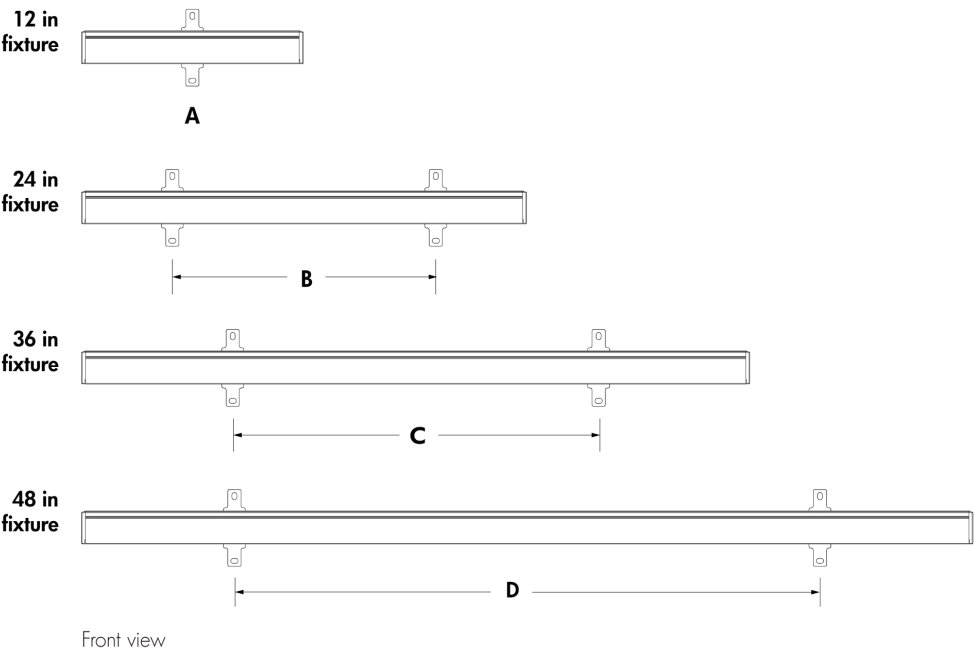


MDWH Spectral Power Distribution



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

Mounting Bracket Placement (Minimum and Maximum Distances)

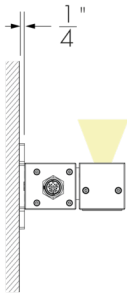


- A - Bracket in the center of the fixture
  - B - Minimum 14 in to maximum 17 in
  - C - Minimum 20 1/2 in to maximum 23 1/2 in
  - D - Minimum 30 1/2 in to maximum 33 1/2 in
- FXH mounting brackets shown.

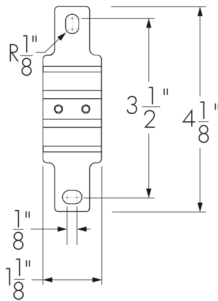
The mounting bracket(s) must be centered on fixture and as symmetrical as possible. Distances must be respected for all installations.

Mounting Options

FXH - Fixed Mounting Horizontal



FXH - Mounting Hole Pattern

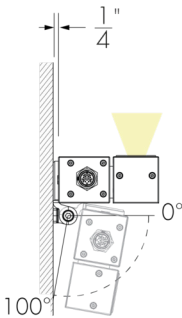


One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

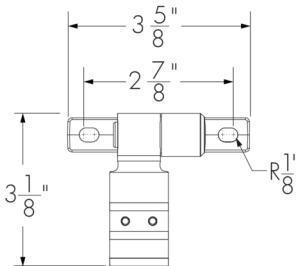
Weight of one FXH Mounting Bracket: 0.11 lbs.  
Weight of two FXH Mounting Brackets: 0.22 lbs.

For proper hardware selection, use the dimensions of the mounting option, the weight and EPA values of the mounting option, and the weight and EPA values of the fixture and accessories for your engineering calculations.

SMH - Slim Adjustable Mounting Horizontal



SMH - Mounting Hole Pattern



Not suitable for pole-mounted or bridge and overpass applications.

One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

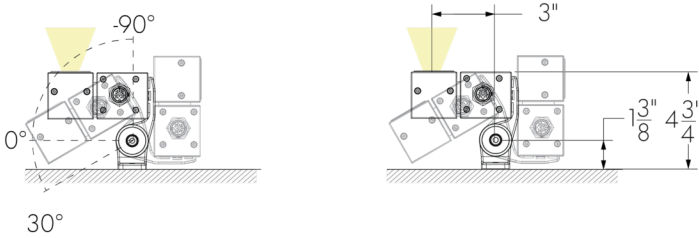
Weight of one SMH Mounting Bracket: 0.26 lbs.  
Weight of two SMH Mounting Brackets: 0.53 lbs.

Not suitable when fixture is exposed to wind.

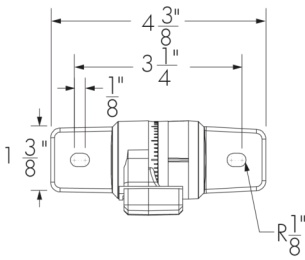
For proper hardware selection, use the dimensions of the mounting option, the weight and EPA values of the mounting option, and the weight and EPA values of the fixture and accessories for your engineering calculations.



WMCH3 - Wall Mounting Horizontal Continuously Adjustable, 3.5 in to Optical Center  
WMIH3 - Wall Mounting Horizontal Incrementally Adjustable by 6°, 3.5 in to Optical Center



WMCH3 WMIH3 - Mounting Hole Pattern



Not suitable for pole-mounted or bridge and overpass applications.

One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

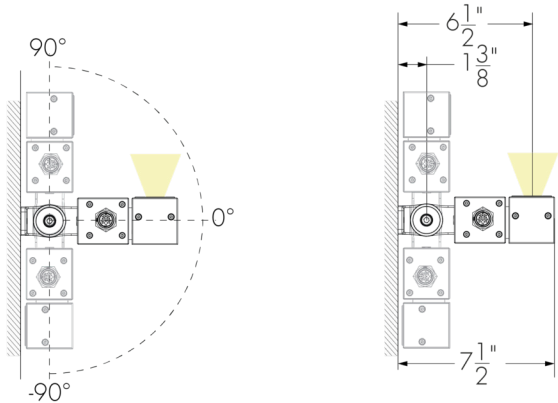
Weight of one WMCH3/WMIH3 Mounting Bracket: 0.62 lbs.

Weight of two WMCH3/WMIH3 Mounting Brackets: 1.23 lbs.

For proper hardware selection, use the dimensions of the mounting option, the weight and EPA values of the mounting option, and the weight and EPA values of the fixture and accessories for your engineering calculations.

WMCH6 - Wall Mounting Horizontal Continuously Adjustable, 6 in to Optical Center

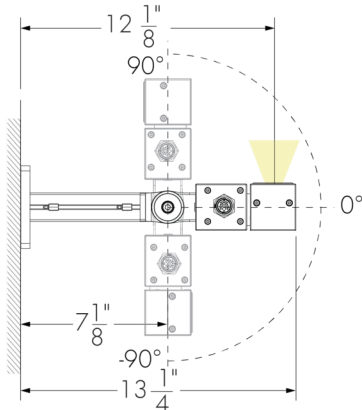
WMiH6 - Wall Mounting horizontal Incrementally Adjustable by 6°, 6 in to Optical Center



Weight of one WMCH6/WMiH6 Mounting Bracket: 0.62 lbs.  
Weight of two WMCH6/WMiH6 Mounting Brackets: 1.23 lbs.

WMCH12 - Wall Mounting Horizontal Continuously Adjustable, 12 in to Optical Center

WMiH12 - Wall Mounting Horizontal Incrementally Adjustable by 6°, 12 in to Optical Center

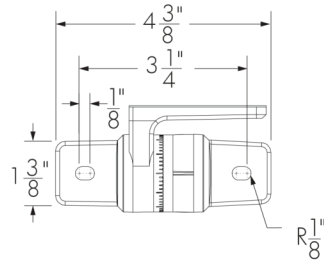


Weight of one WMCH12/WMiH12 Mounting Bracket: 1.5 lbs.  
Weight of two WMCH12/WMiH12 Mounting Brackets: 3 lbs.

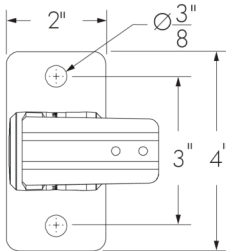
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

For proper hardware selection, use the dimensions of the mounting option, the weight and EPA values of the mounting option, and the weight and EPA values of the fixture and accessories for your engineering calculations.

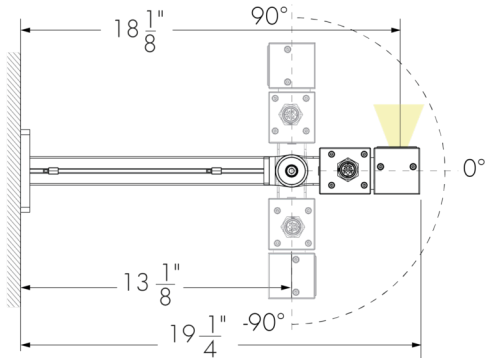
WMCH6 WMiH6 - Mounting Hole Pattern



WMCH12 WMiH12 - Mounting Hole Pattern

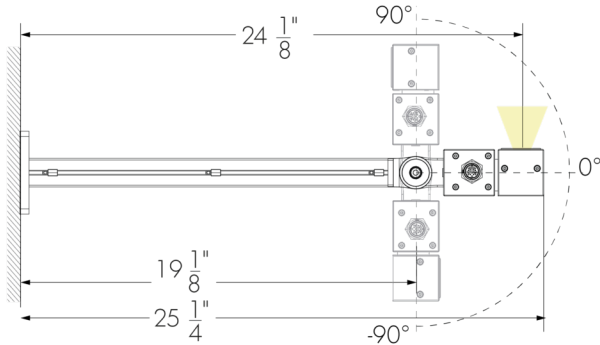


**WMCH18 - Wall Mounting Horizontal Continuously Adjustable, 18 in to Optical Center**  
**WMI1H8 - Wall Mounting Horizontal Incrementally Adjustable by 6°, 18 in to Optical Center**



Weight of one WMCH18/WMI1H8 Mounting Bracket: 2.09 lbs.  
Weight of two WMCH18/WMI1H8 Mounting Brackets: 4.19 lbs.

**WMCH24 - Wall Mounting Horizontal Continuously Adjustable, 24 in to Optical Center**  
**WMIH24 - Wall Mounting Horizontal Incrementally Adjustable by 6°, 24 in to Optical Center**

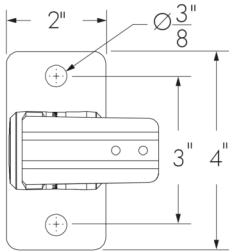


Weight of one WMCH24/WMIH24 Mounting Bracket: 2.65 lbs.  
Weight of two WMCH24/WMIH24 Mounting Brackets: 5.29 lbs.

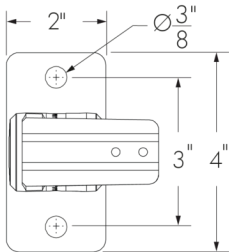
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

For proper hardware selection, use the dimensions of the mounting option, the weight and EPA values of the mounting option, and the weight and EPA values of the fixture and accessories for your engineering calculations.

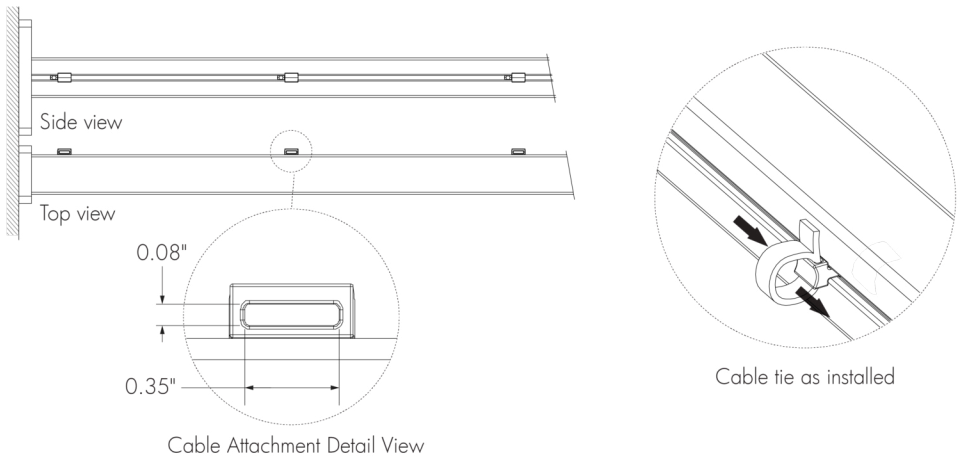
**WMCH18 WMIH18 - Mounting Hole Pattern**



**WMCH24 WMIH24 - Mounting Hole Pattern**



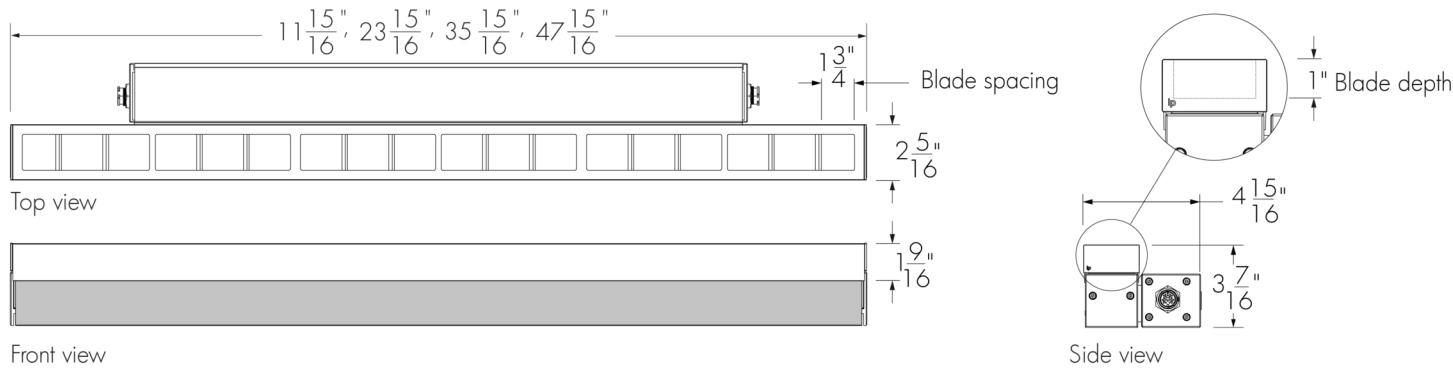
Cable Management System for Wall Mounting Brackets



- 1 cable attachment provided for WMCH6 and WMiH6 mounting arms.
  - 2 cable attachments provided for WMCH12, WMiH12, WMCH18 and WMiH18 mounting arms.
  - 3 cable attachments provided for WMCH24 and WMiH24 mounting arms.
- Maximum cable tie size: 0.35 in width, 0.08 in thickness.
- Cable ties for outdoor applications are recommended, provided by others.

Accessories

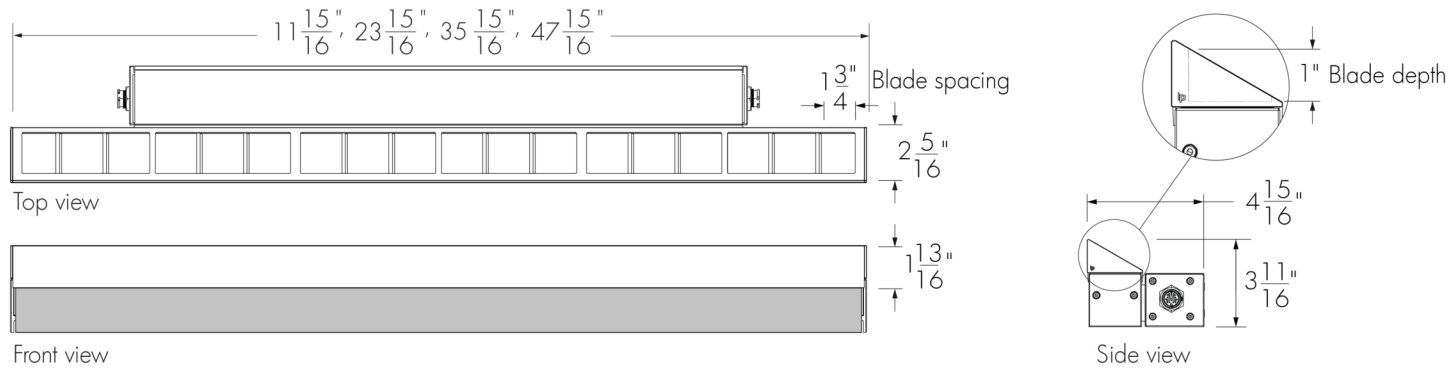
LV - Radial Louver



- A Radial Louver will affect beam distribution. Consult factory for application support.
- The Radial Louver is field installable. The Radial Louver can be combined with the Shield accessory; all other combinations are not possible.
- The exterior finish of the accessory will match the finish specified in the fixture order code (interior surface painted matte black).
- Not suitable for NAS, CAS and WW optics.
- Consult EPA Guide in the specification sheet for engineering calculations.

Weight of 12 in accessory: 0.65 lbs, and 24 in accessory: 1.25 lbs, weight of 36 in accessory: 1.75 lbs, weight of 48 in accessory: 2.3 lbs.  
Note: the weight of the accessory is in addition to the weight of the fixture.

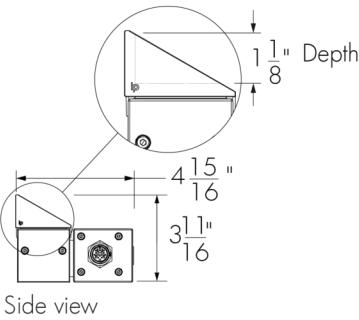
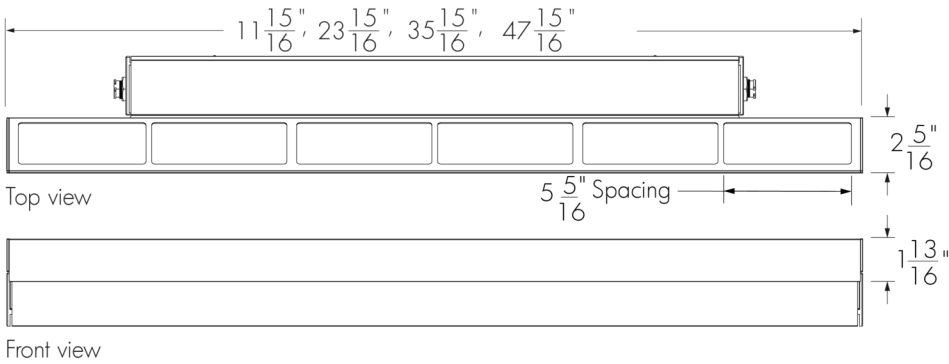
LVAS - Radial Louver Asymmetric



- A Radial Louver Asymmetric will affect beam distribution. Consult factory for application support.
- The Radial Louver Asymmetric is field installable. The Radial Louver Asymmetric can be combined with the Shield accessory; all other combinations are not possible.
- The exterior finish of the accessory will match the finish specified in the fixture order code (interior surface painted matte black).
- Consult EPA Guide in the specification sheet for engineering calculations.

Weight of 12 in accessory: 0.5 lbs, weight of 24 in accessory: 1 lbs, weight of 36 in accessory: 1.3 lbs, weight of 48 in accessory: 1.7 lbs.  
Note: the weight of the accessory is in addition to the weight of the fixture.

VS - Visor



- A Visor will affect beam distribution. Consult factory for application support.
- The Visor is field installable. The Visor can be combined with the Shield accessory; all other combinations are not possible.
- The exterior finish of the accessory will match the finish specified in the fixture order code. The inside of the accessory will be painted matte black, except for the inside portion of the Visor end caps, which will match the finish specified in the fixture order code.
- Consult EPA Guide in the specification sheet for engineering calculations.

Weight of 12 in accessory: 0.4 lbs, weight of 24 in accessory: 0.8 lbs, weight of 36 in accessory: 1.2 lbs, weight of 48 in accessory: 1.5 lbs.  
Note: the weight of the accessory is in addition to the weight of the fixture.

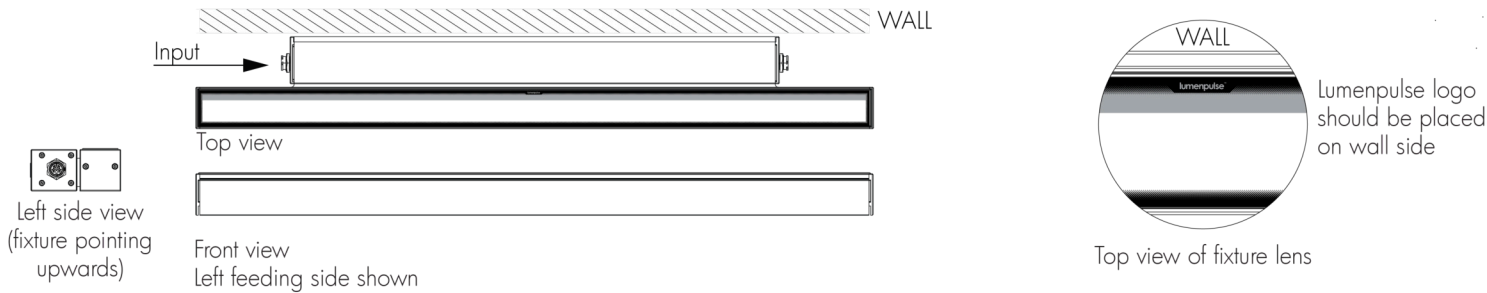
Lens and Optics Combinations Table

Lens/Optics	10x10	10x30	10x60	10x90	30x30	30x60	30x90	60x60	90x90	30x10	60x10	60x30	90x10	W	NAS	WW	CAS
CL Clear Lens	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓
HFR Half-Frosted Lens	✓	✓	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗
FR Frosted Lens	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

- ✓ Lens option
- ✗ Not available

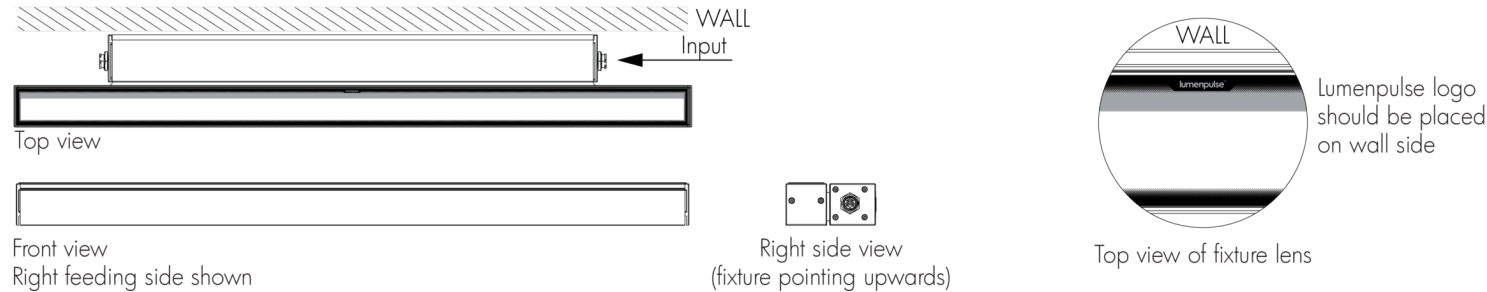
Half-Frosted Lens Details

Left Feeding Side



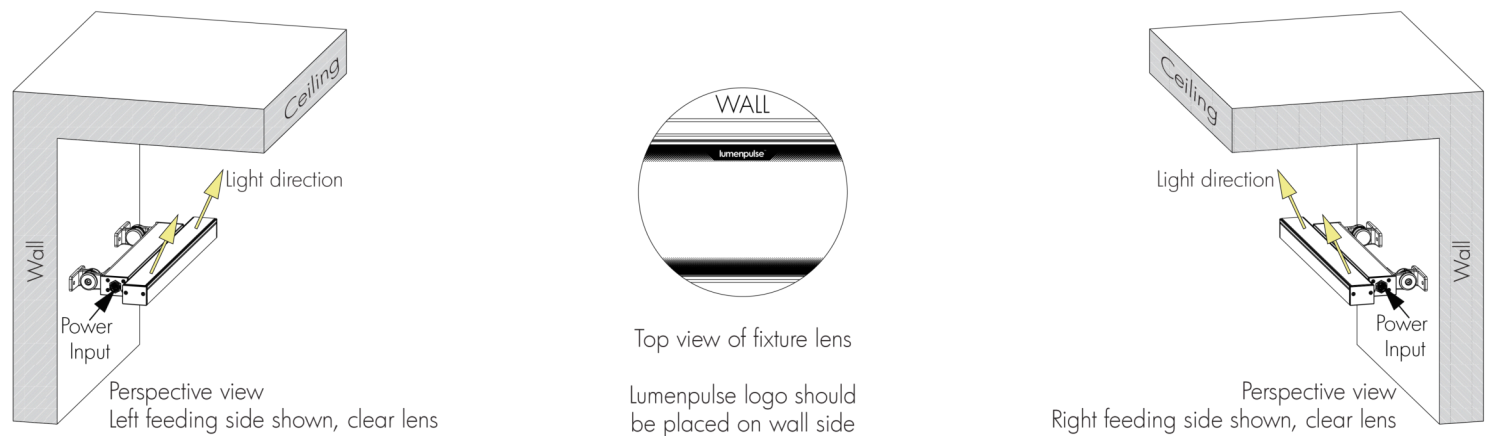
- Position frosted side of the lens and Lumenpulse logo along the wall.
- Fixture's feeding side is based on uplight installations. Feeding sides are reversed when fixture is used in a downlight application.

Right Feeding Side



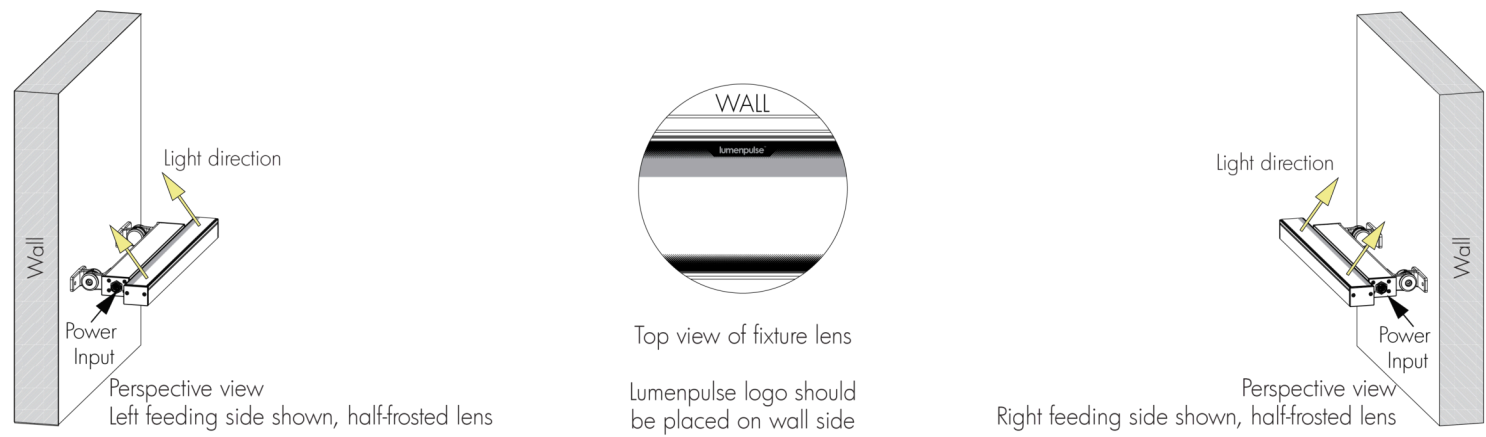
- Position frosted side of the lens and Lumenpulse logo along the wall.
- Fixture's feeding side is based on uplight installations. Feeding sides are reversed when fixture is used in a downlight application.

Ceiling Asymmetric Optic Details



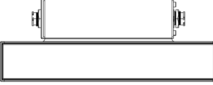


- Always position Lumenpulse logo on lens along the wall.
- Fixture's feeding side is based on uplight installations. Feeding sides are reversed when fixture is used in a downlight application.
- **Ceiling Asymmetric optic guidelines:** 18 in minimum setback, 1:5 setback/canopy depth ratio (based on CL lens).

Narrow Asymmetric and Asymmetric Wallwash Optics Details



- Position frosted side of the lens and Lumenpulse logo along the wall.
- Fixture's feeding side is based on uplight installations. Feeding sides are reversed when fixture is used in a downlight application.
- **Narrow Asymmetric optic guidelines:** 12 in minimum setback, 1:10 setback ratio (based on HFR lens).
- **Asymmetric Wallwash optic guidelines:** 6 in minimum setback, 1:8 setback ratio (based on HFR lens).


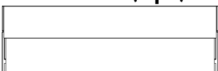

EPA Guide - Fixture

	12 in	24 in	36 in	48 in
<b>EPA Top (sq ft)</b> 	0.403	0.928	1.333	1.858
<b>EPA Front (sq ft)</b> 	0.241	0.483	0.726	0.968
<b>EPA Side (sq ft)</b> 	0.099	0.099	0.099	0.099






EPA Guide - Fixture with Accessory




Fixture With Radial Louver Accessory

	12 in	24 in	36 in	48 in
EPA Top (sq ft) 	0.403	0.928	1.333	1.858
EPA Front (sq ft) 	0.367	0.736	1.105	1.474
EPA Side (sq ft) 	0.138	0.138	0.138	0.138



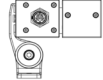
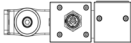
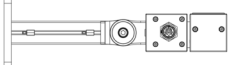
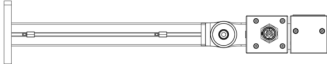

Fixture With Radial Louver Asymmetric Accessory

	12 in	24 in	36 in	48 in
EPA Top (sq ft) 	0.403	0.928	1.333	1.858
EPA Front (sq ft) 	0.379	0.760	1.141	1.522
EPA Side (sq ft) 	0.122	0.122	0.122	0.122

Fixture With Visor Accessory

	12 in	24 in	36 in	48 in
EPA Top (sq ft) 	0.403	0.928	1.333	1.858
EPA Front (sq ft) 	0.379	0.760	1.141	1.522
EPA Side (sq ft) 	0.122	0.122	0.122	0.122

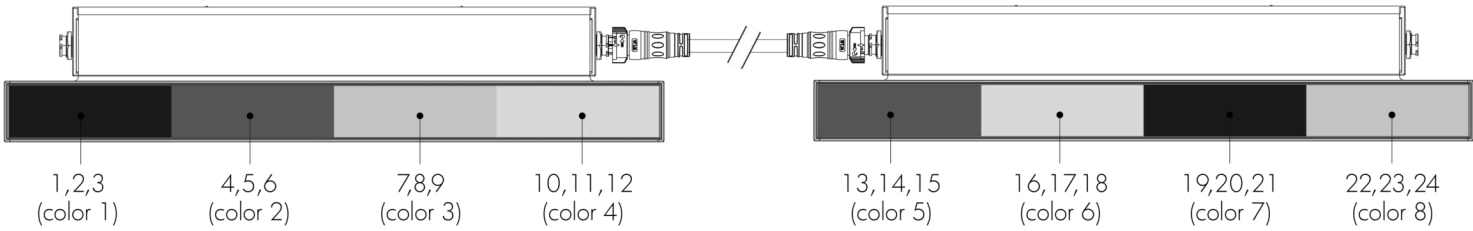
EPA Guide - Mounting Option

	EPA Top/Side (sq ft)	
FXH	N/A	
SMH	0.01	
WMCH3 WMiH3	0.04	
WMCH6 WMiH6	0.05	
WMCH12 WMiH12	0.15	
WMCH18 WMiH18	0.22	
WMCH24 WMiH24	0.30	

Resolution Details

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

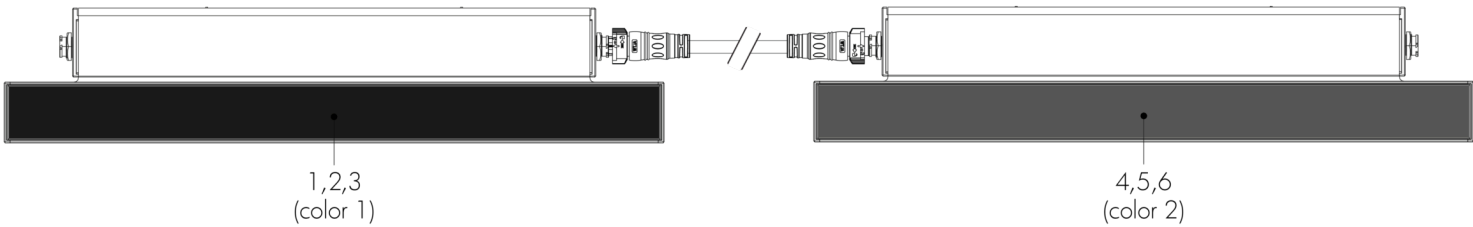
DMX Addresses:



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 option only. Fixture resolution can be configured on-site within the LumenID V3 software. A DMX/RDM enabled CBX is required.

Wiring Color Code

DIM, DALI8 and LT Control (XC3P2D)

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

DMX/RDM and ExtendX Controls (XC3P3D)

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 6W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	160ft	170ft	170ft	170ft

Lumenfacade Max 10W/ft

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

Lumenfacade Max 22W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	64ft	124ft	132ft	156ft

Based on 48 in fixtures, per foot resolution, DMX/RDM control, 10 ft Leader Cable for an end-to-end run with 1 ft Jumper Cables between fixtures. Refer to Typical Wiring Diagrams for Control Protocol specific run length rules.

ExtendX Control (ETX)

Lumenfacade Max 6W/ft

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

Lumenfacade Max 10W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	144ft	264ft	288ft	336ft

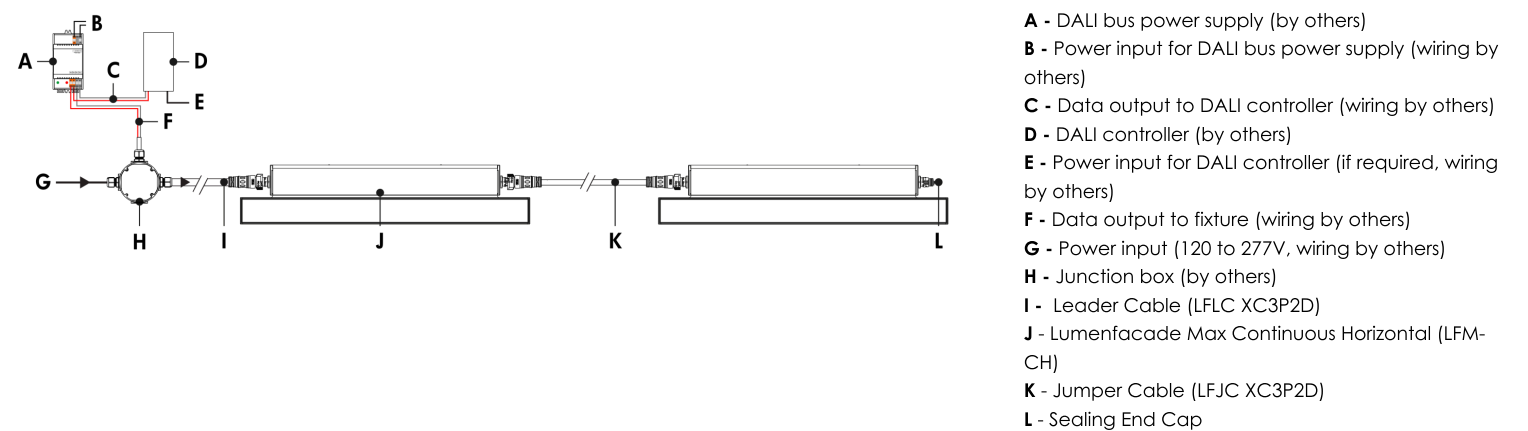
Lumenfacade Max 22W/ft

Voltage	Resolution	120V	220V	240V	277V
Maximum Fixture Run Length	Per Foot	68ft	124ft	136ft	156ft

Based on 48 in fixtures, per foot resolution, ETX control, 10 ft Leader Cable for an end-to-end run with 1 ft Jumper Cables between fixtures. Refer to Typical Wiring Diagrams for Control Protocol specific run length rules.

Typical Wiring Diagrams

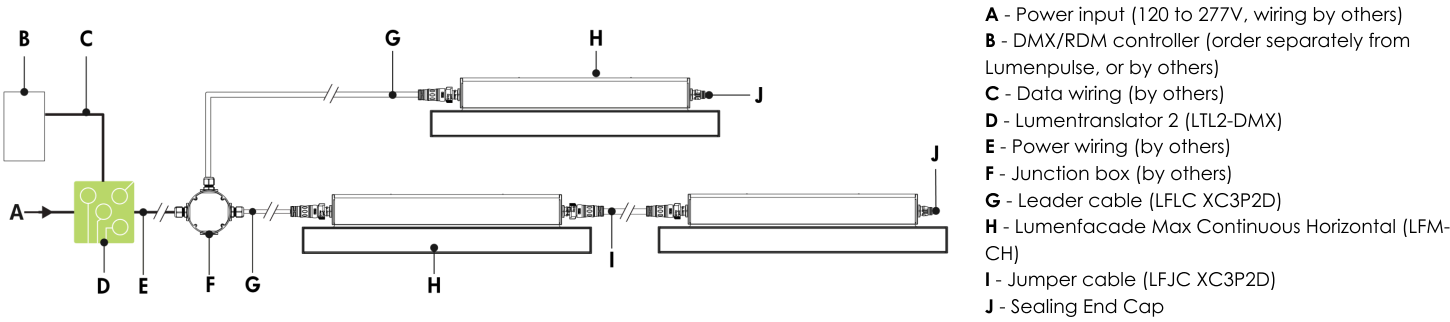
DALI 2 T8 (DALIT8)



Refer to installation instructions for additional wiring details and wiring diagram with Lumenfacade T-Junction accessory.

- 64 DALI addressable device limitation (each fixture is an addressable device).
- DALI does not allow for control by foot, only by fixture.
- Commissioning may be required based on the selection of 3rd party DALI controller. Controller and commissioning provided by others.
- Less than 1% minimum dimming value.

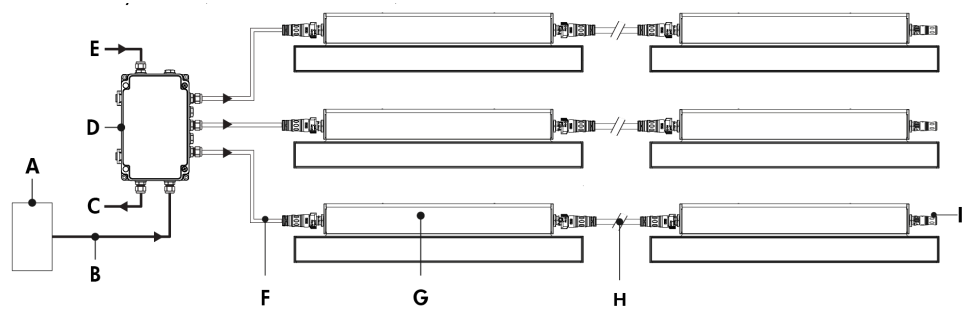
Lumentalk (LT)



Refer to installation instructions for additional wiring details and wiring diagram with Lumenfacade T-Junction accessory.

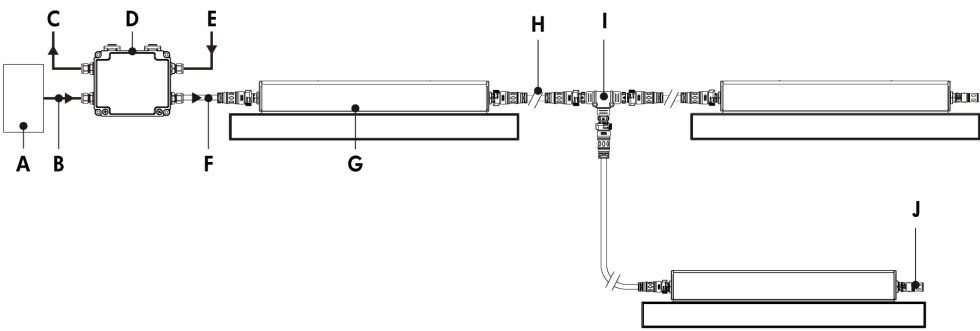
- Consult factory for specific applications and maximum fixture count/cable length recommendations.
- For DMX applications: 1 DMX controller per Lumentalk network, maximum of 48 DMX channels per Lumentalk network (minimum step transition update rate is 1 second, minimum fade time between two colors is 1 minute). Consult factory for applications that require additional capabilities.
- Maximum of 1 transmitter (Lumentranslator or Lumenlink) per system.
- No third-party fixtures allowed on the same circuit.
- Consult factory for DALI Lumentalk applications.

Star Layout (DMX/RDM)



- A - Third-party DMX/RDM controller
- 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 to 277V, wiring by others)
- F - Leader Cable (LFLC XC3P3D)
- G - Lumenfacade Max Continuous Horizontal (LFM-CH)
- H - Jumper Cable (LFJC XC3P3D)
- I - DMX/RDM Terminator

Daisy Chain Layout (DMX/RDM)

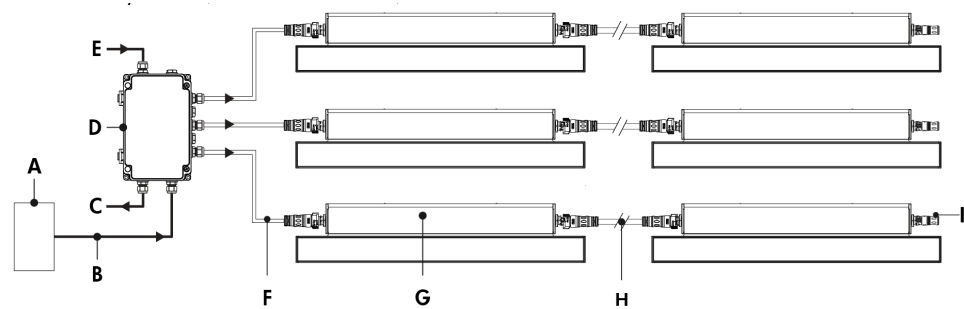


- A - Third-party DMX/RDM controller
- B - Data input (Belden 9841 or equivalent, by others)
- C - Data output to next CBX (optional, not isolated/not boosted)
- D - CBX-DS
- E - Power input (120 to 277V, wiring by others)
- F - Leader Cable (LFLC XC3P3D)
- G - Lumenfacade Max Continuous Horizontal (LFM-CH)
- H - Jumper Cable (LFJC XC3P3D)
- I - Lumenfacade T-Junction (LFTJ XC3P3D, optional)
- J - DMX/RDM terminator

Refer to installation instructions for additional wiring details.

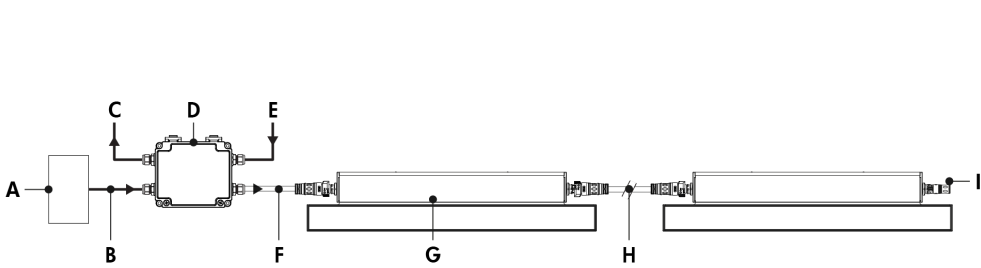
- Consult CBX installation instructions for additional wiring details.
- 50 ft maximum DMX/RDM "Stub" length.
- Maximum of 1 fixture per "Stub".
- 1 DMX universe = 170 @ 3-channel controllable segments.
- Maximum of 4 DMX/RDM repeaters/CBX cascading in line.
- Maximum of 6 outputs per CBX-ST; maximum of 1 output per CBX-DS.
- Maximum of 64 DMX/RDM enabled fixtures per CBX output.
- Maximum DMX/RDM cable length of 800 ft ("Bus" and "Stubs").

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 to 277V, wiring by others)
- F - Leader Cable (LFLC XC3P3D)
- G - Lumenfacade Max Continuous Horizontal (LFM-CH)
- H - Jumper Cable (LFJC XC3P3D)
- I - DMX/RDM Terminator

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 to 277V, wiring by others)
- F - Leader Cable (LFLC XC3P3D)
- G - Lumenfacade Max Continuous Horizontal (LFM-CH)
- H - Jumper Cable (LFJC XC3P3D)
- I - DMX/RDM Terminator

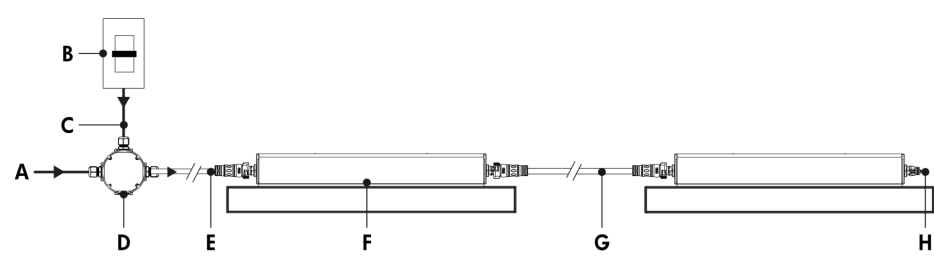
Refer to installation instructions for additional wiring details.

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

Consult CBX installation instructions for additional wiring details.

Lumenfacade T-Junction accessory is not compatible with ExtendX Control.

Dim to Warm Via 0-10V (DIM/DTW)



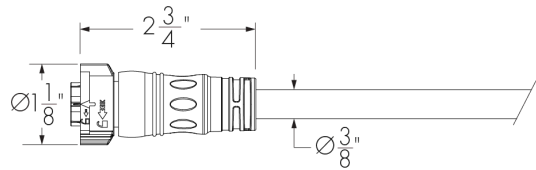
- A - Power input (120 to 277V, wiring by others)
- B - Third-party dimmer
- C - Data wiring (by others)
- D - Junction box (by others)
- E - Leader Cable (LFLC XC3P2D)
- F - Lumenfacade Max Continuous Horizontal (LFM-CH)
- G - Jumper Cable (LFJC XC3P2D)
- H - Sealing End Cap

Refer to installation instructions for additional wiring details and wiring diagram with Lumenfacade T-Junction accessory.

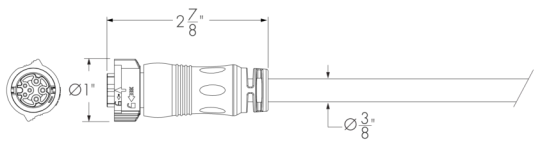
- 0-10V mA ratings: passive dimmer (Current Sink): 3mA per fixture, active dimmer (Current Source): 0.5mA per fixture.
- Less than 1% minimum dimming value.

Leader Cable (Order Separately)

LFLC - Lumenfacade Leader Cable (XC3P2D)



LFLC - Lumenfacade Leader Cable (XC3P3D)



UL version shown. Consult European specification sheet for CE cable details.

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

Please specify:

DALIT8, LT, DIM applications:

**TYPE:** CR/CH (Continuous Run or Continuous Horizontal); **CERTIFICATION:** UL or CE; **VOLTAGE:** 120\_277; **LENGTH:** 10 ft, 25 ft, 50 ft, 100 ft, 150 ft or 200 ft; **CONNECTOR/CABLE TYPE:** XC3P2D (5x 16AWG X-lock size); **CONNECTOR SHAPE:** 180D (Straight Connector); **CABLE/CONNECTOR COLOR:** BK (Black) or WH (White) (connectors are the same color as the specified cable color).

A waterproof sealing end cap is mandatory for any unused connector. One (1) included with every CR/CH XC3P2D Leader Cable.

DMX/RDM applications:

**TYPE:** CR/CH (Continuous Run or Continuous Horizontal); **CERTIFICATION:** UL or CE; **VOLTAGE:** 120\_277; **LENGTH:** 10 ft, 25 ft, 50 ft, 100 ft, 150 ft or 200 ft; **CONNECTOR/CABLE TYPE:** XC3P3D (3x14AWG + 3x24AWG X-lock C-size); **CONNECTOR SHAPE:** 180D (Straight Connector) or 90D (90° Angle Connector); **CABLE/CONNECTOR COLOR:** BK (Black) or WH (White) (connectors are the same color as the specified cable color).

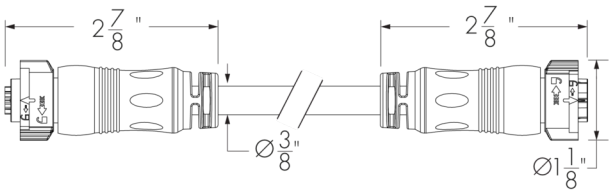
A DMX/RDM terminator is mandatory at the end of a fixture run. One (1) included with every CR/CH XC3P3D Leader Cable.

- Consult Lumenfacade Leader cable specification sheet for all available cable lengths and additional information.



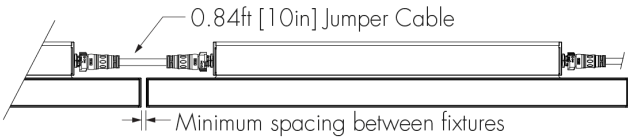
Jumper Cable (Order Separately)

LFJC - Lumenfacade Jumper Cable (XC3P2D)



UL version shown. Consult European specification sheet for CE cable details.

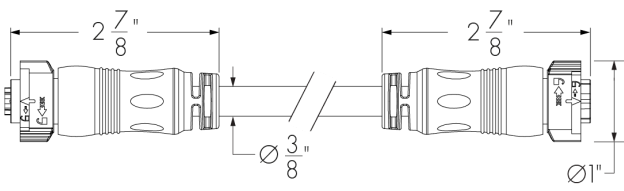
Installation with No Cable Loop



Straight Cable/No Cable Loop (0.84 ft Jumper Cable)  
Minimum Spacing Between Fixtures

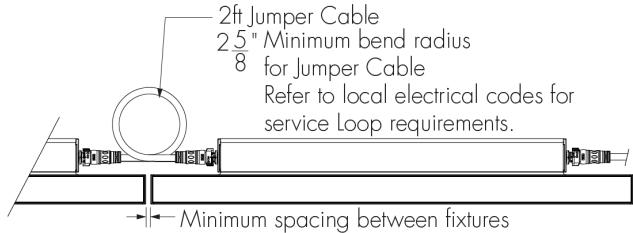
		Fixture A Length			
		12 in	24 in	36 in	48 in
Fixture B Length	12 in	5.3in Fixture Gap		2.75in Fixture Gap	
	24 in				
	36 in	2.75in Fixture Gap		End-to-End* 0.375in Fixture Gap	
	48 in				

LFJC - Lumenfacade Jumper Cable (XC3P3D)



UL version shown. Consult European specification sheet for CE cable details.

Installation with Cable Loop



Cable Loop (2 ft Jumper Cable)  
Minimum Spacing Between Fixtures

		Fixture A Length			
		12 in	24 in	36 in	48 in
Fixture B Length	12 in	2.75in Fixture Gap		End-to-End* 0.375in Fixture Gap	
	24 in				
	36 in	End-to-End* 0.375in Fixture Gap		End-to-End* 0.375in Fixture Gap	
	48 in				

\* When using 36 in and 48 in fixtures in End-to-End applications, fixtures must be spaced exactly 0.375 in apart to ensure proper connection. Due to fixture construction and the lack of adjustment in the Jumper Cable, failure to comply with this spacing will result in a non-suitable jumper cable length and a non-continuous run.

\* If using an End-to-End Cable, plan mounting bracket spacing to accommodate 0.375 in spacing between fixtures.

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

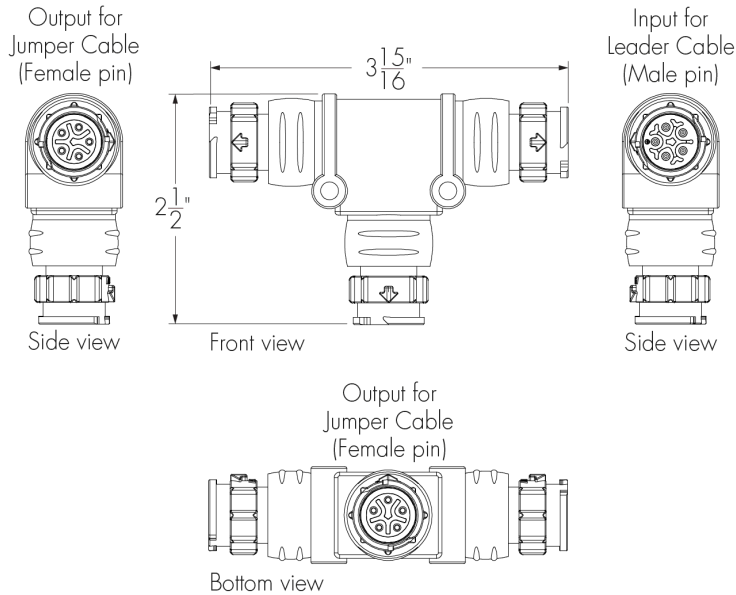
Please specify:

**CERTIFICATION:** UL or CE; **VOLTAGE:** 120\_277; **LENGTH:** 0.84 ft, 2 ft, 5 ft, 10 ft, 25 ft or 50 ft; **CONNECTOR/CABLE TYPE:** XC3P2D (5x 16AWG X-lock size) or XC3P3D (3x14AWG + 3x24AWG X-lock C-size); **CONNECTOR SHAPE:** 180D (straight connector); **CABLE/CONNECTOR COLOR:** BK (Black) or WH (White) (connectors are the same color as the specified cable color).

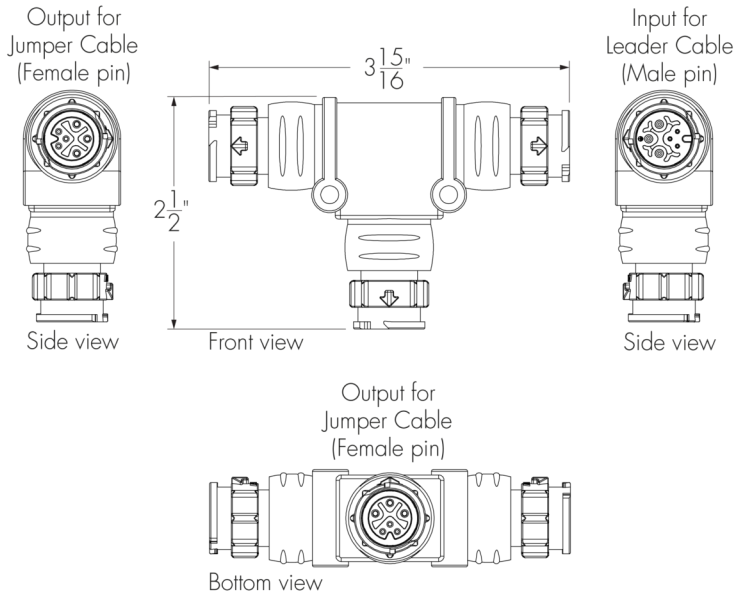
- Suitable for dimming/data and non-dimming applications.
- Consult Lumenfacade Jumper Cable specification sheet for additional information.

T-Junction (Order Separately)

LFTJ - Lumenfacade T-Junction (XC3P2D)  
Available For DALI8, LT and DIM Control Options Only



LFTJ - Lumenfacade T-Junction (XC3P3D)  
Available for DMX/RDM Control Option Only



LFTJ-CONNECTOR/CABLE TYPE-CABLE/CONNECTOR COLOR

Please specify:

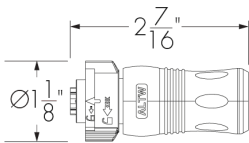
**CONNECTOR/CABLE TYPE:** XC3P2D (5x 16AWG X-lock size) or XC3P3D (3x 14AWG + 3x24AWG) X-lock size; **CABLE/CONNECTOR COLOR:** BK (Black) or WH (White).

- Suitable for dimming/data and non-dimming applications with LFM fixtures.
- Consult factory for guidelines on the use of T-Junctions in a fixture run.
- Consult Lumenfacade T-Junction specification sheet for additional information.
- The T-Junction accessory can be used to connect a feed input, with a throughput to a localized run of fixtures and an output to the rest of your installation.
- Waterproof sealing end cap is mandatory for any unused connector. One (1) included with every T-Junction accessory.
- For DMX/RDM applications, an installation must not exceed 64 fixtures and 800 ft of cable. Additionally, each stub must not exceed 50 ft.

Lumenfacade T-Junction accessory is not compatible with ExtendX Control.

DMX/RDM Terminator (Included with Leader Cable)

148161 (Black) or 150394 (White) - DMX/RDM Terminator



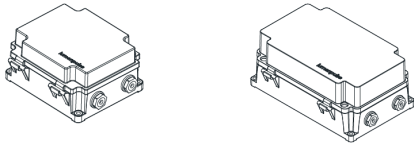
DMX/RDM terminator is mandatory at the end of a fixture run with T-junction for DMX/RDM applications

Please specify:

**148161:** Black (BK) or **150394:** White (WH)

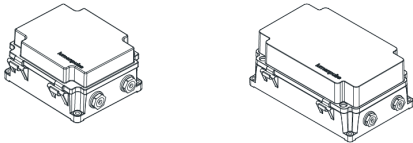
Control Boxes (Order Separately)

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.

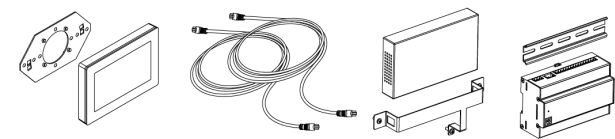
CBX-ENET - Ethernet Enabled (Daisy Chain or Star Configuration)



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.

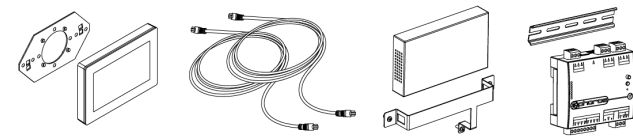
Control Systems (Order Separately)

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® Expert 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.

How to Order

Housing	Type	Certification	Voltage	Length	Wattage	Color and Color Temperature	Optic	Lens	Feeding Side
LFM Lumenfacade Max	CH Continuous Horizontal	UL UL Compliant <sup>(1)</sup>  CE CE Compliant (Class I) <sup>(2)</sup>  PSE PSE Certification <sup>(3)</sup> <sup>(4)</sup> <sup>(5)</sup>	120_277 120 Volts to 277 Volts <sup>(4)</sup>  230 220 to 240 volts <sup>(7)</sup>  100_200 100 to 200 volts (PSE Certification) <sup>(8)</sup>	12 12 in  24 24 in  36 36 in  48 48 in	6W 6 W/ft <sup>(9)</sup> <sup>(10)</sup>  10W 10 W/ft  22W 22 W/ft	MDWW 2200K to 3000K, CRI 80, Multi-Channel Control <sup>(11)</sup>  MDWWP 2200K to 3500K, CRI 80, Multi-Channel Control <sup>(11)</sup>  MDWH 2700K to 6500K, CRI 80, Multi-Channel Control <sup>(11)</sup>  MDTW 2700K to 2200K, CRI 80, Dim to Warm, 1 Channel Control <sup>(12)</sup>	10x10 10° x 10° <sup>(13)</sup>  10x30 10° x 30°  10x60 10° x 60°  10x90 10° x 90°  30x30 30° x 30° <sup>(14)</sup>  30x60 30° x 60° <sup>(14)</sup>  30x90 30° x 90° <sup>(14)</sup>  60x60 60° x 60° <sup>(14)</sup>  90x90 90° x 90° <sup>(14)</sup>  30x10 30° x 10° <sup>(14)</sup>  60x10 60° x 10° <sup>(14)</sup>  60x30 60° x 30° <sup>(14)</sup>  90x10 90° x 10° <sup>(14)</sup>  W Wide 120° <sup>(14)</sup>  NAS Narrow Asymmetric  WW Asymmetric Wallwash <sup>(15)</sup>  CAS Ceiling Asymmetric <sup>(14)</sup>	CL Clear Lens  HFR Half-Frosted Lens  FR Frosted Lens	LF Left Feeding Side  RF Right Feeding Side

Notes:

1. Available for 120\_277 voltage option only.

2. Available for 230 voltage option only.

3. Available for the Japanese market only.

4. Available for 100\_200V voltage option only.

5. Consult your local Sales Representative for PSE certification.

6. Available for UL certification only.

7. Available for CE certification only.

8. Available for PSE Certification only.

9. Consult factory for applications with 12 in fixtures.

10. Consult factory for applications with PSE Certification.

11. Available with DALI8, LT and DMX/RDM control options.

12. Available with LT, DMX/RDM and DIM control options.

13. For best results use a minimum 6 in setback from surface. Contact factory for application support.

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

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

How to Order

Control	Vibration Rating <sup>(23)</sup>	Mounting Options <sup>(28)</sup>	Environment	Finish	Accessories <sup>(39)</sup> <sup>(40)</sup>	Buy American Act
<b>DALIT8</b> DALI 2 T8 Enabled Dimming 0.1% <sup>(16)</sup> <sup>(17)</sup>  <b>LT</b> Lumentalk <sup>(17)</sup> <sup>(18)</sup>  <b>DMX/RDM</b> DMX/RDM Enabled Dimming <sup>(17)</sup> <sup>(19)</sup>  <b>DIM</b> 0-10V Dimming <sup>(17)</sup> <sup>(20)</sup>  <b>ETX</b> ExtendX™ <sup>(17)</sup> <sup>(21)</sup> <sup>(22)</sup>	<b>NVR</b> Buildings and Fixed Structures <sup>(24)</sup>  <b>VRN</b> Pole-Mounts <sup>(25)</sup> <sup>(26)</sup>  <b>VRBO</b> Bridges and Overpasses <sup>(27)</sup>	<b>SMH</b> Slim Adjustable Mounting Horizontal Continuously Adjustable (100° Pivot Limit) <sup>(29)</sup> <sup>(30)</sup>  <b>FXH</b> Fixed Mounting Horizontal (0° Pivot Limit) <sup>(31)</sup>  <b>WMCH3</b> Wall Mounting Horizontal Continuously Adjustable, 3.5 in to Optical Center (120° Pivot Limit) <sup>(29)</sup> <sup>(30)</sup>  <b>WMIH3</b> Wall Mounting Horizontal Incrementally Adjustable by 6°, 3.5 in to Optical Center (120° Pivot Limit) <sup>(29)</sup> <sup>(30)</sup>  <b>WMCH6</b> Wall Mounting Horizontal Continuously Adjustable, 6 in to Optical Center (180° Pivot Limit) <sup>(30)</sup> <sup>(32)</sup>  <b>WMIH6</b> Wall Mounting Horizontal Incrementally Adjustable by 6°, 6 in to Optical Center (180° Pivot Limit) <sup>(31)</sup> <sup>(33)</sup>  <b>WMCH12</b> Wall Mounting Horizontal Continuously Adjustable, 12 in to Optical Center (180° Pivot Limit) <sup>(30)</sup> <sup>(33)</sup>  <b>WMIH12</b> Wall Mounting Horizontal Incrementally Adjustable by 6°, 12 in to Optical Center (180° Pivot Limit) <sup>(34)</sup> <sup>(34)</sup>  <b>WMCH18</b> Wall Mounting Horizontal Continuously Adjustable, 18 in to Optical Center (180° Pivot Limit) <sup>(30)</sup> <sup>(33)</sup>  <b>WMIH18</b> Wall Mounting Horizontal Incrementally Adjustable by 6°, 18 in to Optical Center (180° Pivot Limit) <sup>(34)</sup> <sup>(34)</sup>  <b>WMCH24</b> Wall Mounting Horizontal Continuously Adjustable, 24 in to Optical Center (180° Pivot Limit) <sup>(29)</sup> <sup>(30)</sup>  <b>WMIH24</b> Wall Mounting Horizontal Incrementally Adjustable by 6°, 24 in to Optical Center (180° Pivot Limit) <sup>(29)</sup> <sup>(30)</sup>	<b>XD</b> Extra durable multi-step finish <sup>(35)</sup>	<b>BK</b> Black Sandtex®  <b>BRZ</b> Bronze Sandtex®  <b>SI</b> Silver Sandtex®  <b>WH</b> Smooth White  <b>BKTX</b> Textured Black  <b>BRZTX</b> Textured Bronze Non-Metallic  <b>GRATX</b> Textured Medium Gray  <b>GRNTX</b> Textured Green  <b>WHTX</b> Textured White  <b>CC</b> Custom Color & Finish <sup>(36)</sup> <sup>(37)</sup> <sup>(38)</sup>	<b>NA</b> No Accessory  <b>LV</b> Radial Louver <sup>(29)</sup> <sup>(41)</sup>  <b>LVAS</b> Radial Louver Asymmetric <sup>(29)</sup>  <b>VS</b> Visor <sup>(29)</sup>	<b>BAA</b> Buy American <sup>(6)</sup> <sup>(42)</sup>

Notes:

6. Available for UL certification only.

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

17. Minimum dimming value is less than 1%.

18. A Lumentranslator 2 (LTl2) and LumenID (LID) must be specified for Lumentalk applications. Consult Lumentranslator 2 and Lumentalk pages and specification sheets for details.

19. A Control Box (CBX) and LumenID (LID) must be specified.

20. Available for MDTW color temperature option only.

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

22. ETX Control Option is not compatible with LFTJ T-Junction Accessory.

23. Consult factory for vibration rating requirements on vertical installations.

24. Available for all mounting options.

25. Available for FXH mounting option when combined with VRN vibration rating. All other mounting options may have installation limitations, and a review is needed for approval. Consult factory.

26. Consult factory for pole mounting accessories.

27. Available for FXH mounting option when combined with VRBO vibration rating. All other mounting options may have installation limitations, and a review is needed for approval. Consult factory.

28. One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.
29. Available with NVR vibration rating only. Installation limitations may apply for other vibration rating options, and a review is needed for approval. Consult factory.

30. Not suitable for bridge and overpass applications.

31. Vibration tested in accordance with ANSI 136.31 2018 at 3Gv.

32. Vibration tested in accordance with ANSI 136.31 2018 at 1.5Gv.

33. Vibration tested in accordance with ANSI 136.31 2018 at 2.3Gv.

34. Vibration tested in accordance with ANSI 136.31 2018 at 4.6Gv.

35. Zirconium pretreatment completed with corrosion-resistant primer and electrostatically-applied powder coat paint finish.

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

37. Setup charges apply for RAL colors. Consult factory for details.

38. Longer lead times can be expected for custom RAL color finishes.

39. Maximum one accessory per fixture.

40. The exterior finish of the accessory will match the finish specified in the fixture order code (interior surface painted matte black).

41. Available for 10x10, 10x30, 10x60, 10x90, 30x30, 30x60, 30x90, 60x60, 90x90, 30x10, 60x10, 60x30, 90x10 and W optics only.

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