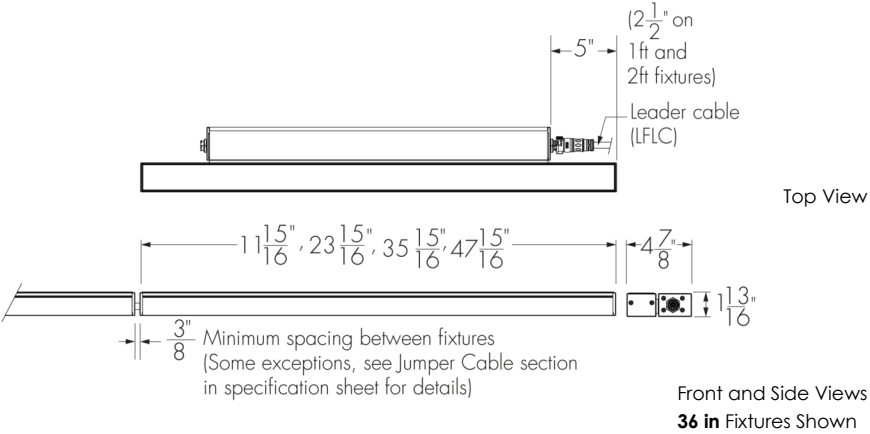


Project Name _____ Qty _____

Type _____ Catalog / Part Number _____



Photometric Summary (17 W/ft)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	6,692	231,840
10°x10°	6,643	155,860
10°x30°	6,504	46,823
10°x60°	7,249	30,034
10°x90°	6,709	14,617
30°x30°	6,379	18,213
30°x60°	6,346	9,593
30°x90°	5,868	6,689
60°x60°	6,295	5,715
90°x90°	6,147	3,812
30°x10°	6,184	40,706
60°x10°	6,422	25,559
60°x30°	6,309	10,824
90°x10°	6,116	14,815
W (120°)	4,950	1,702
Asymmetric		
NAS	6,183	82,064
WW	5,906	10,126
CAS	4,935	9,542

1. Based on 4000K, 4 ft.
2. Photometric performance is measured in compliance with IESNA LM-79-24.
3. 8x8, 10x10, 10x30, 10x60, 10x90, 30x30, 30x60, 30x90, 60x60, 90x90, 30x10, 60x10, 60x30, 90x10, W and CAS optics tested with CL lens. NAS and WW optics tested with HFR lens.
4.
Refer to the [Lumenfacade Pure Photometric Guide](#) on Lumenpulse website for information on other color temperatures.

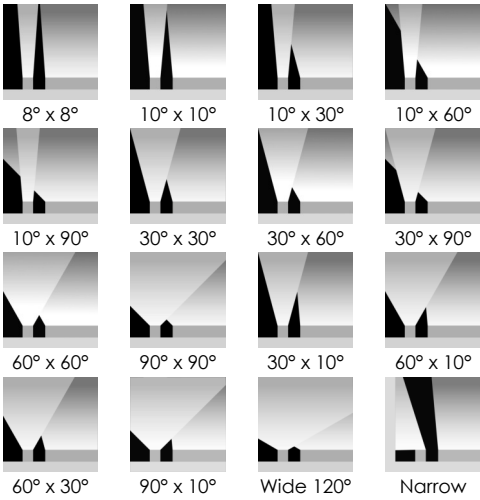
Description

The Lumenfacade Pure Continuous Horizontal is the purest expression of Lumenpulse's form, quality, and performance. Designed from the inside out to be a cutting-edge expression of Lumenpulse quality, the Lumenfacade Pure possesses simplified control options, integrated accessories, and cohesive mounting options. Rethink everything you've thought about white light; think Lumenpulse.

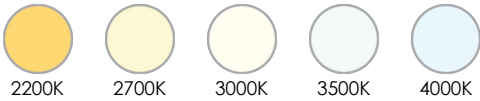
Features

Length (Nominal)	12: 12 in, 24: 24 in, 36: 36 in, 48: 48 in	
Color and Color Temperature	22K: 2200K, 27K: 2700K, 30K: 3000K, 35K: 3500K, 40K: 4000K	
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 (110° 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



Lumencycle™ Program



Incrementally Adjustable Mounting Options

WMIH3: Wall Mounting Horizontal Incrementally Adjustable by 6°, 3.5 in to Optical Center (120° Pivot Limit)	WMIH6: Wall Mounting Horizontal Incrementally Adjustable by 6°, 6 in to Optical Center (180° Pivot Limit)
WMIH12: Wall Mounting Horizontal Incrementally Adjustable by 6°, 12 in to Optical Center (180° Pivot Limit)	WMIH18: Wall Mounting Horizontal Incrementally Adjustable by 6°, 18 in to Optical Center (180° Pivot Limit)
WMIH24: Wall Mounting Horizontal Incrementally Adjustable by 6°, 24 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	1,820 lm (3.75 W/ft, 48 in fixture, 4000K, CRI 80+, 10° x 60°, CL Lens) 4,958 lm (10 W/ft, 48 in fixture, 4000K, CRI 80+, 10° x 60°, CL Lens) 7,249 lm (17 W/ft, 48 in fixture, 4000K, CRI 80+, 10° x 60°, CL Lens)
Maximum Delivered Intensity	58,192 cd at nadir (3.75 W/ft, 48 in fixture, 4000K, CRI 80+, 8° x 8°, CL lens) 158,579 cd at nadir (10 W/ft, 48 in fixture, 4000K, CRI 80+, 8° x 8°, CL Lens) 231,840 cd at nadir (17 W/ft, 48 in fixture, 4000K, CRI 80+, 8° x 8°, CL Lens)
Illuminance at Distance	Minimum 1 fc at 247 ft (3.75 W/ft, 48 in fixture, 4000K, CRI 80+, 8° x 8°, CL Lens) Minimum 1 fc at 408 ft (10 W/ft, 48 in fixture, 4000K, CRI 80+, 8° x 8°, CL Lens) Minimum 1 fc at 493 ft (17 W/ft, 48 in fixture, 4000K, CRI 80+, 8° x 8°, CL Lens)
Color Consistency	2 SDCM
Lumen Maintenance	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
Color Rendering	CRI 80+ Consult factory for CRI 90+
Physical	
Housing Material	Low copper content extruded aluminum
Lens Material	Tempered glass

Certifications



Hardware Material	Stainless steel
End Cap Material	Die cast aluminum
Gasket Material	Silicone
Surface Finish	XD: Luminaire treated with extra-durable, multi-step finish: zirconium pretreatment completed with corrosion-resistant primer and electrostatically-applied, powder coat paint finish
Weight	4.5 lbs (12 in fixture) 9 lbs (24 in fixture) 12 lbs (36 in fixture) 16 lbs (48 in fixture)

Electrical and Control

Voltage	120 to 277 volts
Wattage	3.75W: 3.75 W/ft, 10W: 10 W/ft, 17W: 17 W/ft
Control	NO: On/Off Control, DIM: 0-10V Dimming, DALI: DALI 2 T6 Enabled Dimming 0.1%, PH: Phase Dimming
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 and up (NO, DIM and DALI controls) 14 °F and up (PH control)
Operating Temperature	For 3.75 W/ft and 10 W/ft fixtures: -40 °F to 122 °F (NO, DIM and DALI controls) 14 °F to 122 °F (PH control) For 17 W/ft fixtures: -40 °F to 104 °F (NO, DIM and DALI controls) 14 °F to 104 °F (PH control)
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 2018 (50 ft, 150 mph) 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. Consult factory for zones with higher wind speeds or higher mounting heights. See accessories' section for exception.
Environment	Wet location rating

Accessories (Order Separately)

Cables	LFLC: Lumenfacade Leader Cable
	LFJC: Lumenfacade Jumper Cable
	LFTJ: Lumenfacade T-Junction

Operation and Maintenance

Lumencycle™ Program	Lumencycle-enabled fixtures are designed for serviceability and circular lifecycle management. Lumenpulse will provide factory refurbishment programs, allowing luminaires to be restored and redeployed rather than replaced.
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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.

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

3.75 W/ft (3000K)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	1,557	53,944
10°x10°	1,546	36,265
10°x30°	1,513	10,895
10°x60°	1,687	6,988
10°x90°	1,561	3,401
30°x30°	1,484	4,238
30°x60°	1,477	2,232
30°x90°	1,365	1,556
60°x60°	1,465	1,330
90°x90°	1,430	887
30°x10°	1,439	9,471
60°x10°	1,494	5,947
60°x30°	1,468	2,518
90°x10°	1,423	3,447
W (120°)	1,152	396
Asymmetric		
NAS	1,439	19,094
WW	1,374	2,356
CAS	1,148	2,220

Based on 3000K, CRI 80+, 48 in fixture.

3.75 W/ft (4000K)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	1,680	58,192
10°x10°	1,667	39,121
10°x30°	1,633	11,753
10°x60°	1,820	7,539
10°x90°	1,684	3,669
30°x30°	1,601	4,571
30°x60°	1,593	2,408
30°x90°	1,473	1,679
60°x60°	1,580	1,434
90°x90°	1,543	957
30°x10°	1,552	10,217
60°x10°	1,612	6,415
60°x30°	1,583	2,717
90°x10°	1,535	3,719
W (120°)	1,243	427
Asymmetric		
NAS	1,552	20,598
WW	1,483	2,542
CAS	1,239	2,395

Based on 4000K, CRI 80+, 48 in fixture.

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

10 W/ft (3000K)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	4,243	147,002
10°x10°	4,212	98,826
10°x30°	4,124	29,689
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	3,921	52,034
WW	3,745	6,421
CAS	3,129	6,050

Based on 3000K, CRI 80+, 48 in fixture.

10 W/ft (4000K)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	4,577	158,579
10°x10°	4,544	106,608
10°x30°	4,449	32,027
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	4,229	56,132
WW	4,040	6,926
CAS	3,375	6,526

Based on 4000K, CRI 80+, 48 in fixture.

17 W/ft (3000K)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	6,203	214,916
10°x10°	6,158	144,482
10°x30°	6,029	43,405
10°x60°	6,720	27,842
10°x90°	6,219	13,550
30°x30°	5,913	16,883
30°x60°	5,883	8,893
30°x90°	5,440	6,201
60°x60°	5,836	5,298
90°x90°	5,698	3,534
30°x10°	5,733	37,734
60°x10°	5,953	23,693
60°x30°	5,848	10,034
90°x10°	5,669	13,734
W (120°)	4,589	1,578
Asymmetric		
NAS	5,732	76,073
WW	5,475	9,387
CAS	4,575	8,845

Based on 3000K, CRI 80+, 48 in fixture.

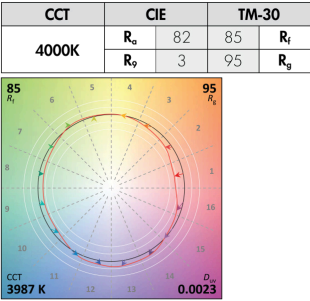
17 W/ft (4000K)

Symmetric		
	Delivered Output (lm)	Intensity (Peak cd)
8°x8°	6,692	231,840
10°x10°	6,643	155,860
10°x30°	6,504	46,823
10°x60°	7,249	30,034
10°x90°	6,709	14,617
30°x30°	6,379	18,213
30°x60°	6,346	9,593
30°x90°	5,868	6,689
60°x60°	6,295	5,715
90°x90°	6,147	3,812
30°x10°	6,184	40,706
60°x10°	6,422	25,559
60°x30°	6,309	10,824
90°x10°	6,116	14,815
W (120°)	4,950	1,702
Asymmetric		
NAS	6,183	82,064
WW	5,906	10,126
CAS	4,935	9,542

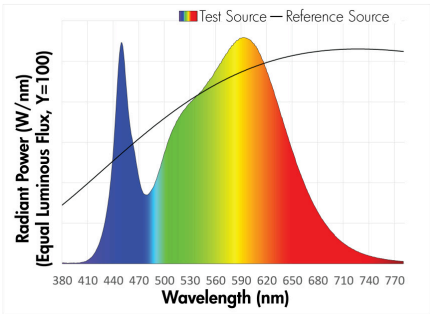
Based on 4000K, CRI 80+, 48 in fixture.

Chromaticity Data

TM-30 - 4000K

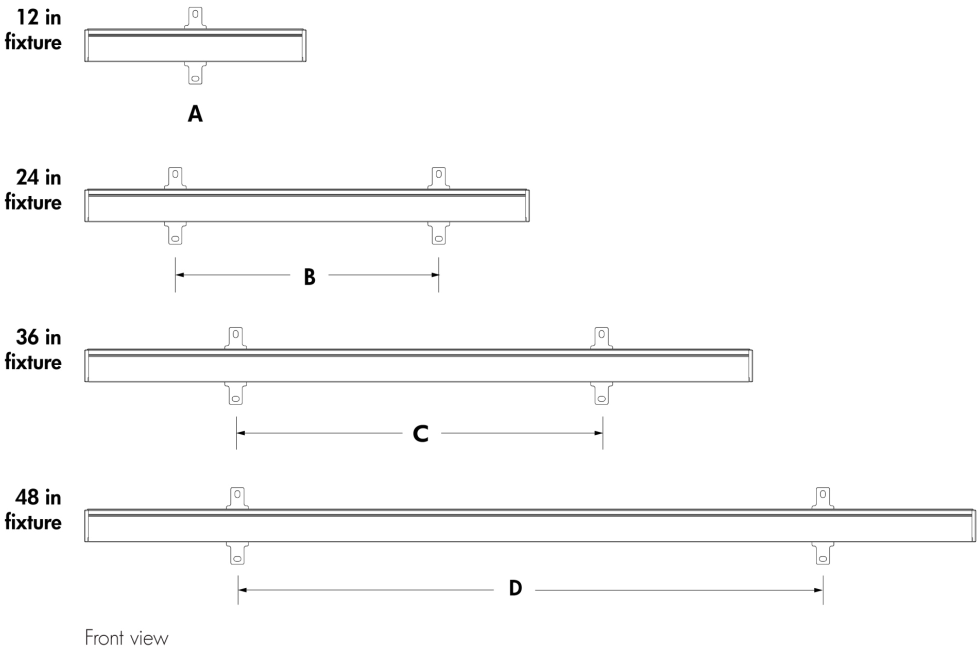


Spectral Power Distribution



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)

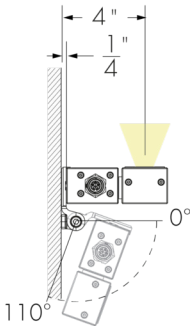


- A - Bracket in the center of the fixture
 - B - Minimum 14 in to maximum 17 in
 - C - Minimum 20 1/2 in to maximum 23 1/2 in
 - D - Minimum 30 1/2 in to maximum 33 1/2 in
- FXH mounting brackets shown.

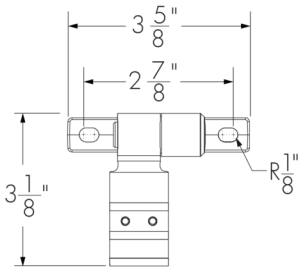
The mounting bracket(s) must be centered on fixture and as symmetrical as possible. Distances must be respected for all installations.

Mounting Options

SMH - Slim Adjustable Mounting Horizontal



SMH - Mounting Hole Pattern



Wind Limits

SM	No Accessories	With Accessories
12in	120mph	90mph
24in	80mph	70mph
36in	80mph	70mph
48in	80mph	70mph

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

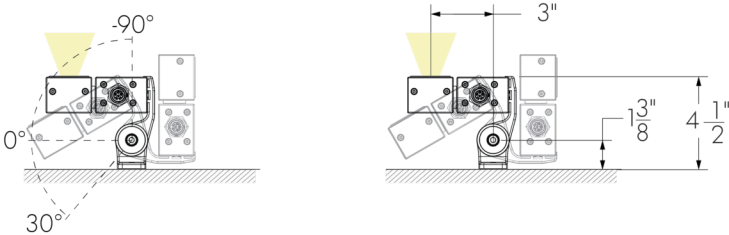
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

Weight of one SMH Mounting Bracket: 0.26 lbs.

Weight of two SMH Mounting Brackets: 0.53 lbs.

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

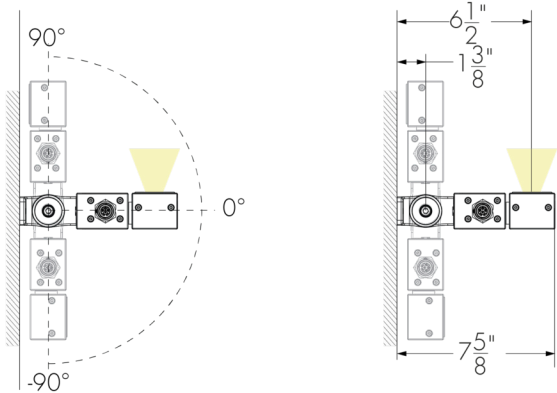


Not suitable for pole-mounted or bridge and overpass applications.

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

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

WMCH6 - Wall Mounting Horizontal Continuously Adjustable, 6 in to Optical Center
WMIH6 - Wall Mounting horizontal Incrementally Adjustable by 6°, 6 in to Optical Center



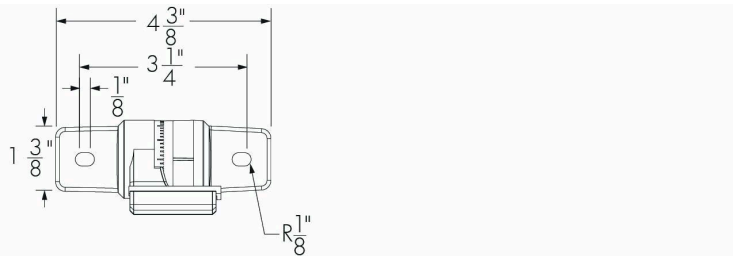
Weight of one WMCH6/WMIH6 Mounting Bracket: 0.62 lbs.

Weight of two WMCH6/WMIH6 Mounting Brackets: 1.23 lbs.

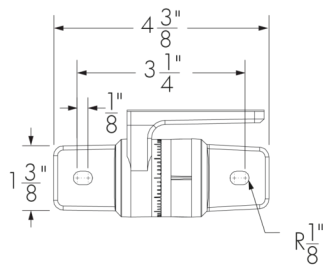
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

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.

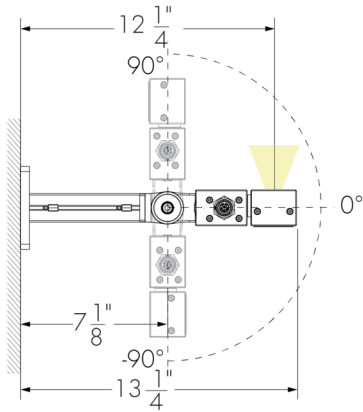
WMCH3 WMIH3 - Mounting Hole Pattern



WMCH6 WMIH6 - Mounting Hole Pattern

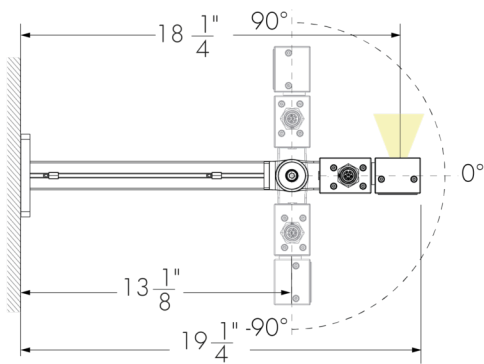


WMCH12 - Wall Mounting Horizontal Continuously Adjustable, 12 in to Optical Center
WMIH12 - Wall Mounting Horizontal Incrementally Adjustable by 6°, 12 in to Optical Center



Weight of one WMCH12/WMIH12 Mounting Bracket: 1.5 lbs.
Weight of two WMCH12/WMIH12 Mounting Brackets: 3 lbs.

WMCH18 - Wall Mounting Horizontal Continuously Adjustable, 18 in to Optical Center
WMIH18 - Wall Mounting Horizontal Incrementally Adjustable by 6°, 18 in to Optical Center

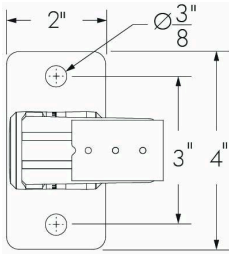


Weight of one WMCH18/WMIH18 Mounting Bracket: 2.09 lbs.
Weight of two WMCH18/WMIH18 Mounting Brackets: 4.19 lbs.

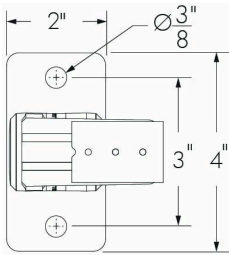
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

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.

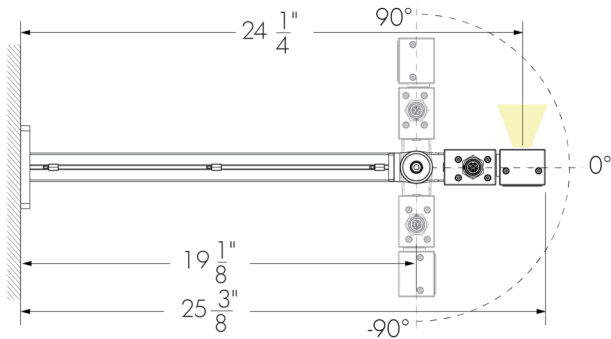
WMCH12 WMIH12 - Mounting Hole Pattern



WMCH18 WMIH18 - Mounting Hole Pattern



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

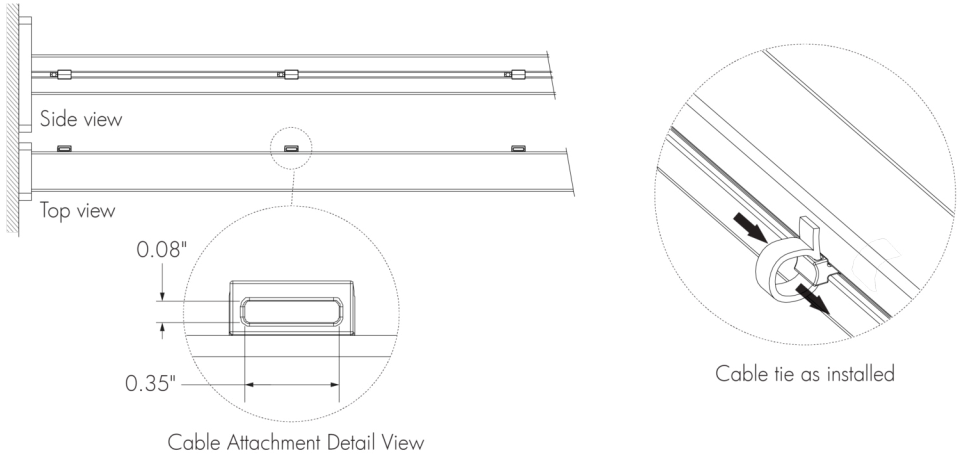


Weight of one WMCH24/WMIH24 Mounting Bracket: 2.65 lbs.
Weight of two WMCH24/WMIH24 Mounting Brackets: 5.29 lbs.

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.

Cable Management System for Wall Mounting Brackets

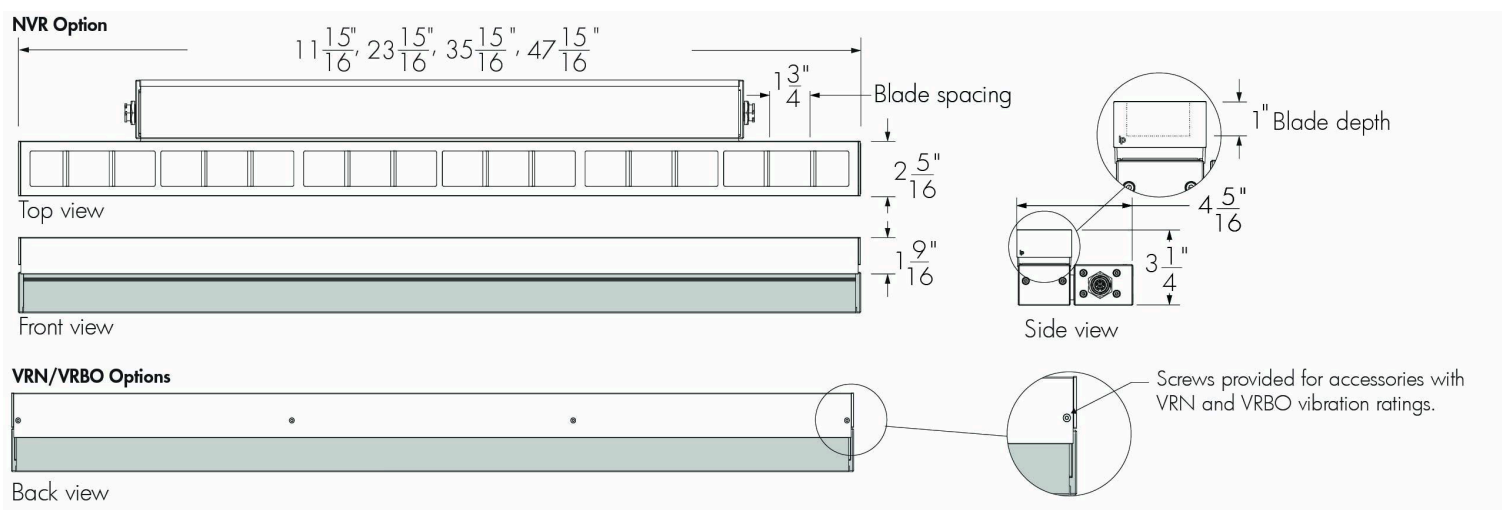


- 1 cable attachment provided for WMCH6 and WMIH6 mounting arms.
- 2 cable attachments provided for WMCH12, WMIH12, WMCH18 and WMIH18 mounting arms.
- 3 cable attachments provided for WMCH24 and WMIH24 mounting arms.

Maximum cable tie size: 0.35 in width, 0.08 in thickness.
Cable ties for outdoor applications are recommended, provided by others.

Accessories

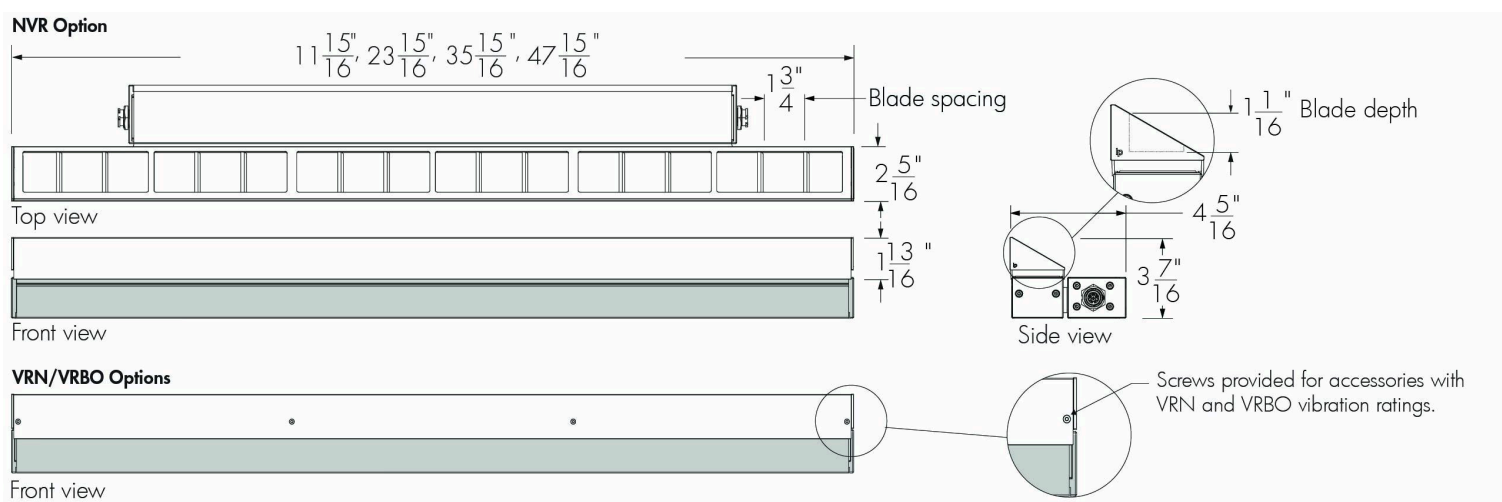
LV - Radial Louver



- A Radial Louver will affect beam distribution. Consult factory for application support.
- Maximum one accessory per fixture. The Radial Louver is field installable.
- 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.

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.

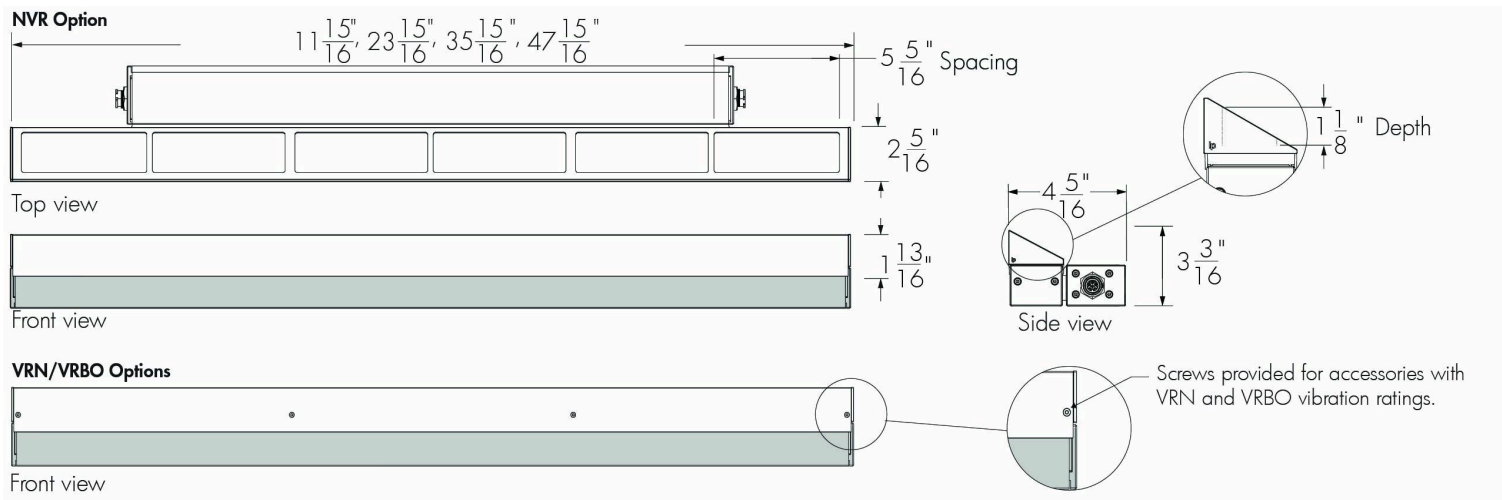
LVAS - Radial Louver Asymmetric



- A Radial Louver Asymmetric will affect beam distribution. Consult factory for application support.
- Maximum one accessory per fixture. The Radial Louver Asymmetric is field installable.
- The exterior finish of the accessory will match the finish specified in the fixture order code (interior surface painted matte black).

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.

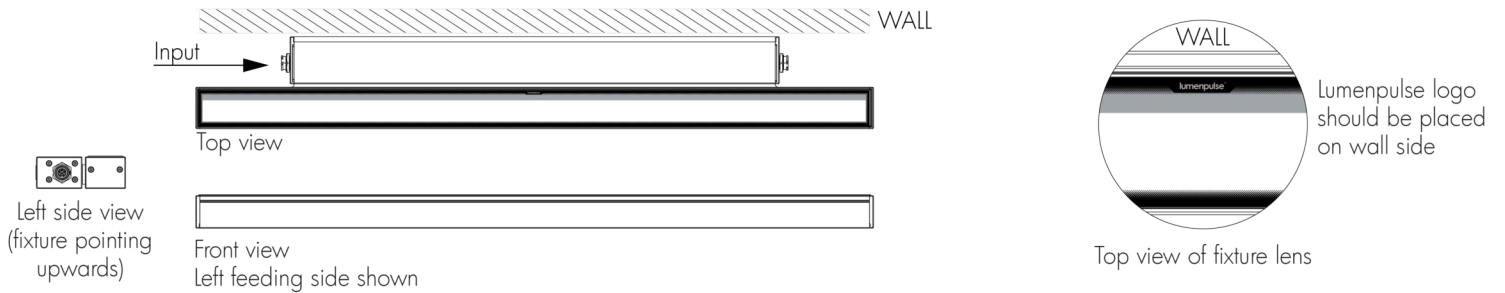
Lens and Optics Combinations Table

Lens/Optics	8x8	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

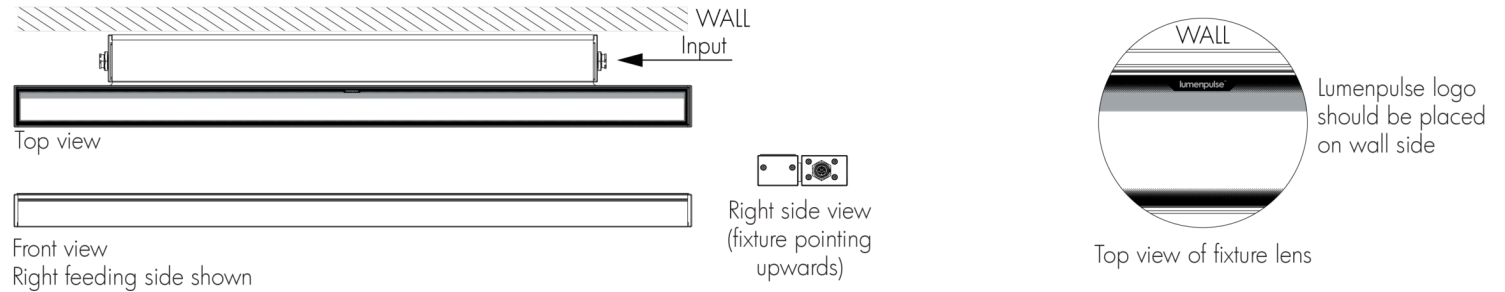
Half-Frosted Lens Details

Left Feeding Side



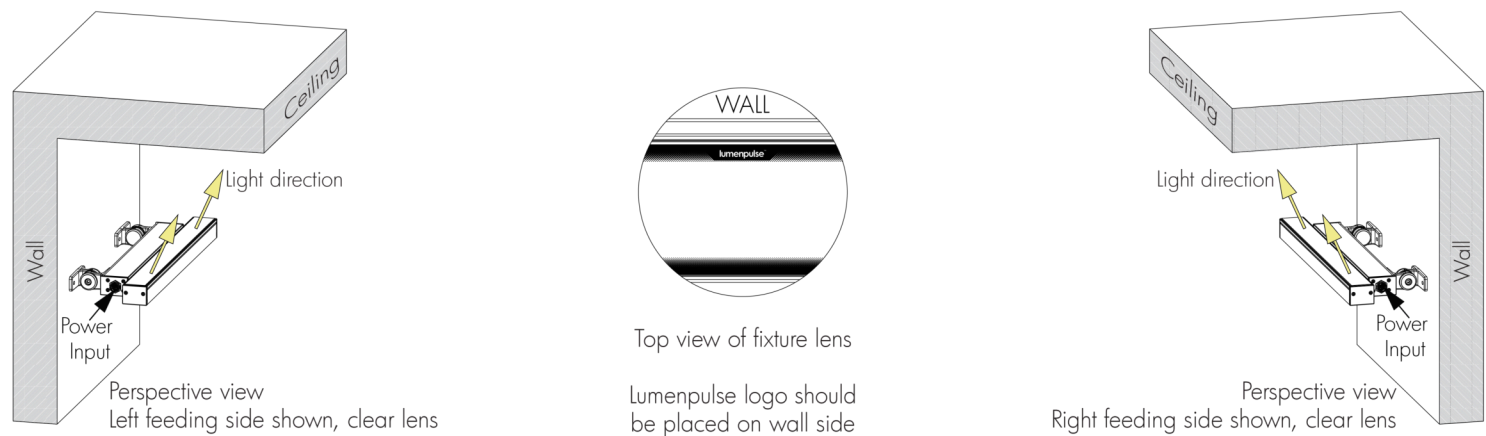
- Position frosted side of the lens and Lumenpulse logo along the wall.
- Fixture's feeding side is based on uplight installations. Feeding sides are reversed when fixture is used in a downlight application.

Right Feeding Side



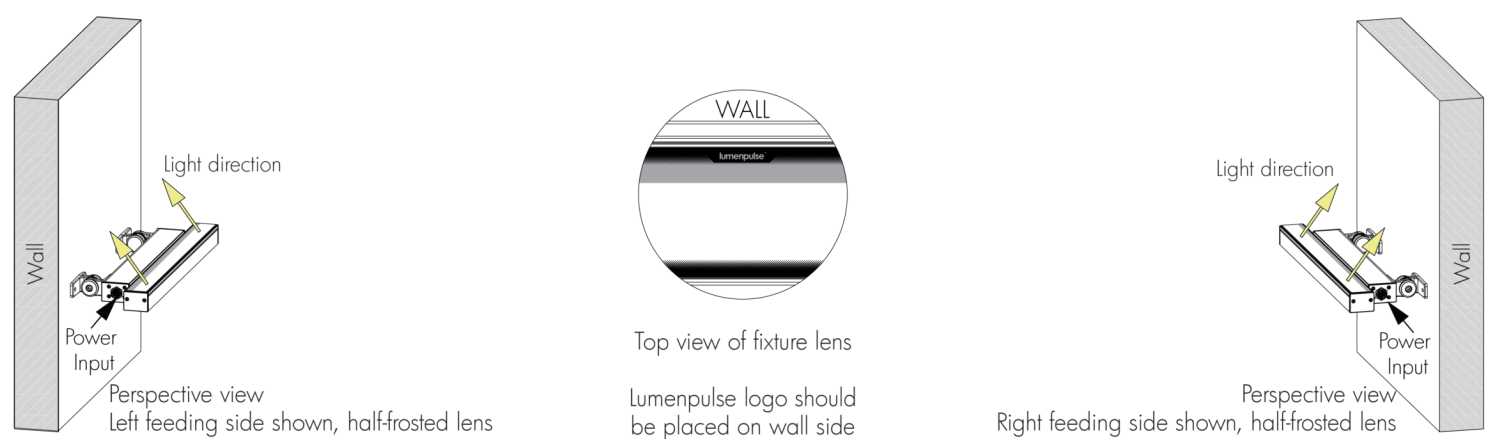
- Position frosted side of the lens and Lumenpulse logo along the wall.
- Fixture's feeding side is based on uplight installations. Feeding sides are reversed when fixture is used in a downlight application.

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:** 6 in minimum setback, 1:12 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	36 in	36 in	48 in
EPA Top (sq ft) 	0.395	0.905	1.301	1.811
EPA Front (sq ft) 	0.187	0.374	0.562	0.750
EPA Side (sq ft) 	0.076	0.076	0.076	0.076

EPA Guide - Fixture with Accessory

Fixture With Radial Louver Accessory

	12 in	36 in	36 in	48 in
EPA Top (sq ft) 	0.395	0.905	1.301	1.811
EPA Front (sq ft) 	0.312	0.627	0.942	1.256
EPA Side (sq ft) 	0.116	0.116	0.116	0.116

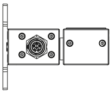
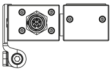
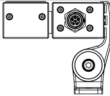
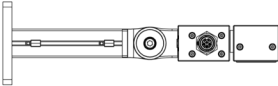
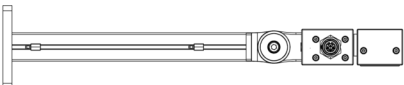
Fixture With Radial Louver Asymmetric Accessory

	12 in	36 in	36 in	48 in
EPA Top (sq ft) 	0.395	0.905	1.301	1.811
EPA Front (sq ft) 	0.324	0.651	0.977	1.304
EPA Side (sq ft) 	0.100	0.100	0.100	0.100

Fixture With Visor Accessory

	12 in	36 in	36 in	48 in
EPA Top (sq ft) 	0.395	0.905	1.301	1.811
EPA Front (sq ft) 	0.324	0.651	0.977	1.304
EPA Side (sq ft) 	0.100	0.100	0.100	0.100

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	

Wiring Color Code

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

Maximum Fixture Run Length Table

Lumenfacade Pure 3.75W/ft

Voltage	120V	230V	277V
Maximum Run of Fixtures	192ft	612ft	740ft

Lumenfacade Pure 10W/ft

Voltage	120V	230V	277V
Maximum Run of Fixtures	112ft	268ft	324ft

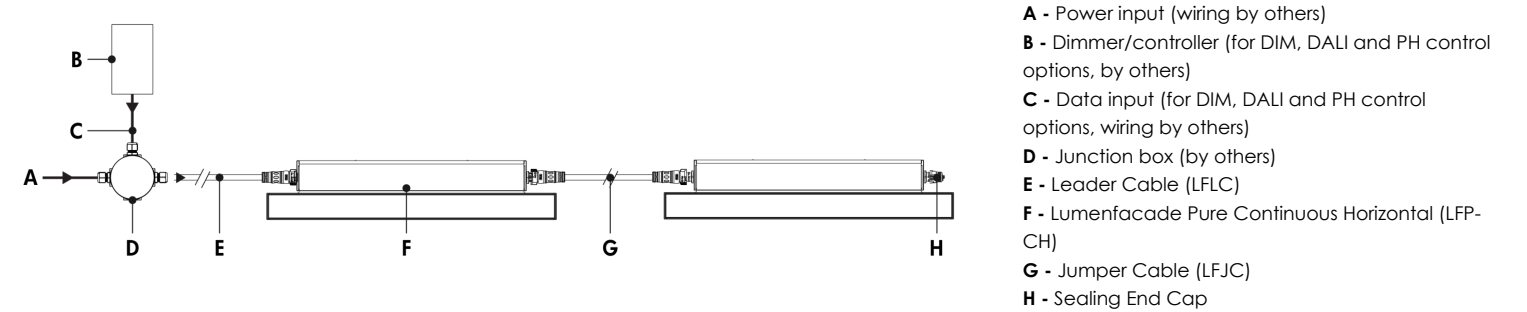
Lumenfacade Pure 17W/ft

Voltage	120V	230V	277V
Maximum Run of Fixtures	84ft	164ft	196ft

Based on 48 in fixtures, NO (on/off) control, 25 ft leader cable for an end-to-end run with 2 ft jumper cables between fixtures.

Typical Wiring Diagram

All Control Options



Consult factory for specific applications and maximum fixture count/cable length recommendations.

DIM Control:

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

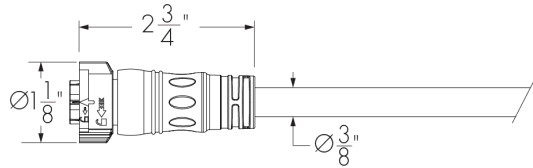
DALI Control:

- 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.

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

Leader Cable (Order Separately)

LFLC - Lumenfacade Leader Cable (XC3P2D)



180D - Straight connector

UL version shown. CE cable diameter is 0.5 in, consult European specification sheet for CE cable details.

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

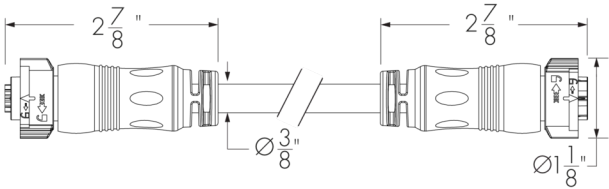
Please specify:

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).

- Suitable for dimming/data and non-dimming applications.
- Waterproof sealing end cap is mandatory for any unused connector. One (1) included with every Leader Cable.
- Consult Lumenfacade Leader Cable specification sheet for all available cable lengths and additional information.

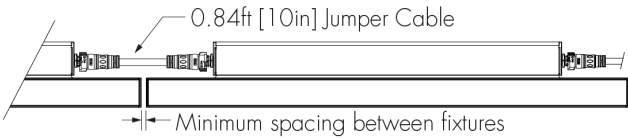
Jumper Cable (Order Separately)

LFJC - Lumenfacade Jumper Cable (XC3P2D)



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

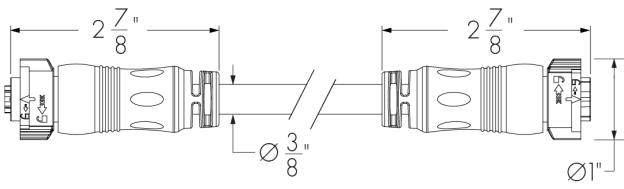
Installation with No Cable Loop



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

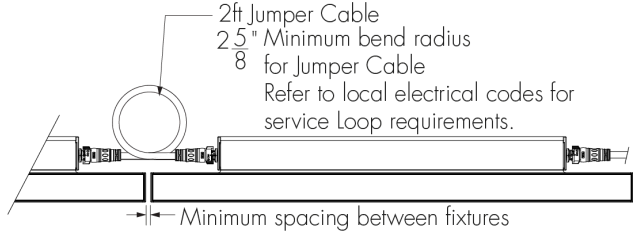
		Fixture A Length			
		12 in	24 in	36 in	48 in
Fixture B Length	12 in	5.3in Fixture Gap		2.75in Fixture Gap	
	24 in				
	36 in	2.75in Fixture Gap		End-to-End* 0.375in Fixture Gap	
	48 in				

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 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

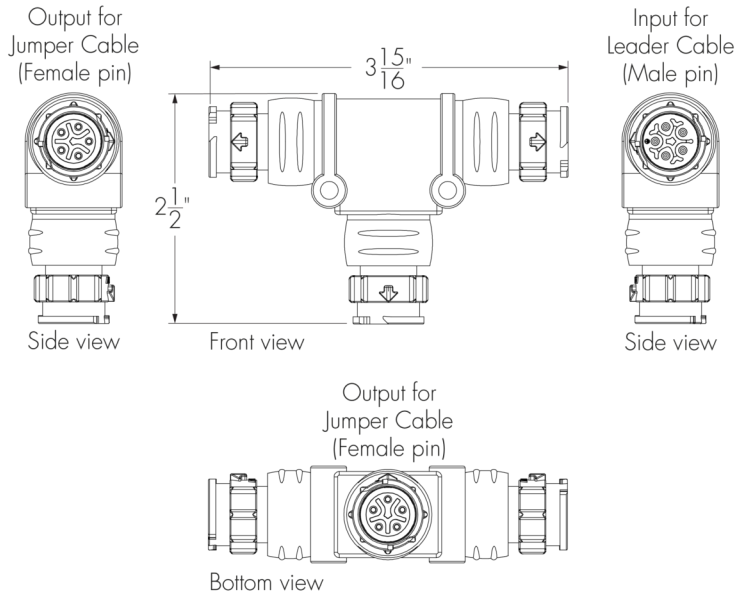
Please specify:

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); **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



LFTJ-CONNECTOR/CABLE TYPE-CABLE/CONNECTOR COLOR

Please specify:

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

- Suitable for dimming/data and non-dimming applications with LFP 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.

How to Order

Housing	Type	Certification	Voltage	Length	Wattage	Color and Color Temperature	Color Rendering	Optic
LFP Lumenfacade Pure	CH Continuous Horizontal	UL UL Compliant CE CE Compliant (Class I) ⁽¹⁾	120, 277 120 Volts to 277 Volts ⁽¹⁾ 120 120 Volts ⁽²⁾ ⁽³⁾ ⁽⁴⁾	12 12 in	3.75W 3.75 W/ft ⁽⁵⁾	22K 2200K	80 CRI 80+ ⁽⁴⁾	8x8 8° x 8° ⁽⁷⁾
				24 24 in	10W 10 W/ft	27K 2700K		10x10 10° x 10° ⁽⁷⁾
				36 36 in	17W 17 W/ft	30K 3000K		10x30 10° x 30°
				48 48 in		35K 3500K		10x60 10° x 60°
						40K 4000K		10x90 10° x 90°
								30x30 30° x 30° ⁽⁸⁾
								30x60 30° x 60° ⁽⁸⁾
								30x90 30° x 90° ⁽⁸⁾
								60x60 60° x 60° ⁽⁸⁾
								90x90 90° x 90° ⁽⁸⁾
								30x10 30° x 10° ⁽⁸⁾
								60x10 60° x 10° ⁽⁸⁾
								60x30 60° x 30° ⁽⁸⁾
								90x10 90° x 10° ⁽⁸⁾
								W Wide 120° ⁽⁸⁾
								NAS Narrow Asymmetric ⁽⁹⁾
								WW Asymmetric Wallwash ⁽⁹⁾
								CAS Ceiling Asymmetric ⁽⁸⁾

Notes:

1. CE certification is available for 120,277 voltage option only.

2. Available for UL certification only.

3. Available for 24 in, 36 in and 48 in fixture lengths only.

4. Available for 3.75W wattage option when combined with 48 in lengths only.

5. 3.75W Wattage option is suitable for ASHRAE Zone 3 requirement when operated on 120V and for Zone 4 when operated on 277V.
6. Consult factory for CRI 90+.

7. For best results use a minimum 3 in setback from surface. Contact factory for application support.

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

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

How to Order

Lens	Feeding Side	Control	Vibration Rating ⁽¹⁴⁾	Mounting Options ⁽²¹⁾	Environment	Finish	Accessories ⁽³³⁾ ⁽³⁴⁾	Buy America.n Act
CL Clear Lens HFR Half-Frosted Lens FR Frosted Lens	LF Left Feeding Side RF Right Feeding Side	NO On/Off Control DIM 0-10V Dimming ⁽¹⁰⁾ DALI DALI 2 T6 Enabled Dimming 0.1% ⁽¹¹⁾ PH Phase Dimming ⁽²⁾ ⁽³⁾ ⁽⁴⁾ ⁽¹²⁾ ⁽¹³⁾	NVR Buildings and Fixed Structures ⁽¹⁵⁾ VRN Pole-Mounts ⁽¹⁶⁾ ⁽¹⁷⁾ ⁽¹⁸⁾ VRBO Bridges and Overpasses ⁽¹⁹⁾ ⁽²⁰⁾	FXH Fixed Mounting Horizontal (0° Pivot Limit) ⁽²²⁾ SMH Slim Adjustable Mounting Horizontal Continuously Adjustable (110° Pivot Limit) ⁽²³⁾ ⁽²⁴⁾ WMCH3 Wall Mounting Horizontal Continuously Adjustable, 3.5 in to Optical Center (120° Pivot Limit) ⁽²⁴⁾ WMIH3 Wall Mounting Horizontal Incrementally Adjustable by 6°, 3.5 in to Optical Center (120° Pivot Limit) ⁽²⁴⁾ WMCH6 Wall Mounting Horizontal Continuously Adjustable, 6 in to Optical Center (180° Pivot Limit) ⁽²⁴⁾ ⁽²⁵⁾ WMIH6 Wall Mounting Horizontal Incrementally Adjustable by 6°, 6 in to Optical Center (180° Pivot Limit) ⁽²²⁾ WMCH12 Wall Mounting Horizontal Continuously Adjustable, 12 in to Optical Center (180° Pivot Limit) ⁽²⁴⁾ ⁽²⁶⁾ WMIH12 Wall Mounting Horizontal Incrementally Adjustable by 6°, 12 in to Optical Center (180° Pivot Limit) ⁽²⁷⁾ WMCH18 Wall Mounting Horizontal Continuously Adjustable, 18 in to Optical Center (180° Pivot Limit) ⁽²⁴⁾ ⁽²⁶⁾ WMIH18 Wall Mounting Horizontal Incrementally Adjustable by 6°, 18 in to Optical Center (180° Pivot Limit) ⁽²⁷⁾ WMCH24 Wall Mounting Horizontal Continuously Adjustable, 24 in to Optical Center (180° Pivot Limit) ⁽²⁴⁾ ⁽²⁶⁾ WMIH24 Wall Mounting Horizontal Incrementally Adjustable by 6°, 24 in to Optical Center (180° Pivot Limit) ⁽²⁷⁾	XD Extra durable multi-step finish ⁽²⁸⁾ ⁽²⁹⁾	BK Black Sandtex® BRZ Bronze Sandtex® SI Silver Sandtex® WH Smooth White BKTX Textured Black BRZTX Textured Bronze Non-Metallic GRATX Textured Medium Gray GRNTX Textured Green WHTX Textured White CC Custom Color & Finish ⁽³⁰⁾ ⁽³¹⁾ ⁽³²⁾	NA No Accessory LV Radial Louver ⁽³⁵⁾ LVAS Radial Louver Asymmetric VS Visor	BAA Buy America.n ⁽³⁶⁾ ⁽³⁷⁾

Notes:

2. Available for UL certification only.

3. Available for 24 in, 36 in and 48 in fixture lengths only.

4. Available for 3.75W wattage option when combined with 48 in lengths only.

10. Minimum dimming value is less than 1%.

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

12. Available for 120V voltage option only.

13. PH contol option is ELV and TRIAC.

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

15. Available for all mounting options.

16. Specify only if normal roadway application is required as per ANSI 136.31 2018.

17. Consult factory for pole mounting accessories.

18. Available for FXH, WMCH6, WMIH6, WMCH12, WMIH18, WMCH18, WMCH24 and WMIH24 mounting options.

19. Specify only if a bridge or overpass application is required as per ANSI 136.31 2018.

20. Available for FXH, WMIH6, WMIH12, WMIH18 and WMIH24 mounting options.

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

22. Vibration tested in accordance with ANSI 136.31 2018 at 3Gv.
23. Available with NVR vibration rating only. Installation limitations may apply for other vibration rating options, and a review is needed for approval. Consult factory.

24. Not suitable for bridge and overpass applications.

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

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

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

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

29. For natatorium or full salt spray applications, consult factory.

30. 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.

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

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

33. Maximum one accessory per fixture.

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

35. Available for 8x8, 10x10, 10x30, 10x60, 10x90, 30x30, 30x60, 30x90, 60x60, 90x90, 30x10, 60x10, 60x30, 90x10 and W optics only.

36. Not available with CE certification option.
37. Contact your Lumenpulse Sales Representative for more information on order volume details.