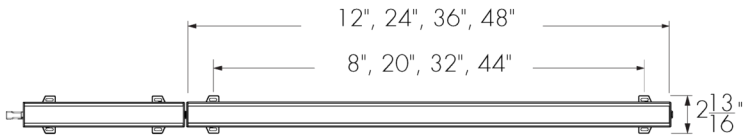
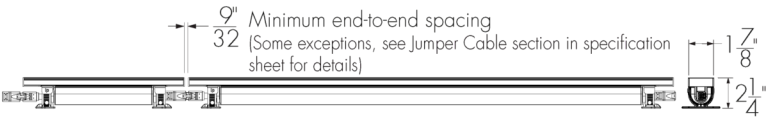


Project Name _____ Qty _____

Type _____ Catalog / Part Number _____



Top View
ST Mounting Option Shown



Front and Side Views

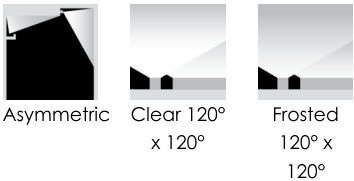
Photometric Summary (13 W/ft)

	Delivered Output (lm)
AB	2,654
CL	3,261
FR	2,749

1. Based on RGBW40K, full output, 48 in.
2. Photometric performance is measured in compliance with IESNA LM-79-24.
3.

Refer to the [Lumencore Linear Cove Color Changing Photometric Guide](#) on Lumenpulse website for information on other color temperatures.

Optic



Color and Color Temperature

Discrete Red, Green, Blue, Amber	Discrete Red, Green, Blue, White 30K	Discrete Red, Green, Blue, White 40K	Discrete Red, Green, Blue

Description

The Lumencore Linear Cove Color Changing fixture offers a dynamic and flexible lighting solution, perfect for enhancing architectural spaces with vibrant colors and ambient illumination. Leveraging advanced Optidrive technology, this luminaire enables seamless color transitions and an extensive palette of hues, allowing designers to craft unique atmospheres tailored to any occasion. With high lumen output and precise optics, the Lumencore Linear Cove ensures consistent, high-quality performance while integrating smoothly into cove applications. Its sleek design enhances the aesthetics of any environment, making it ideal for both accent and indirect lighting. Elevate your space with captivating color and sophisticated ambiance with this innovative lighting solution.

Features

Length (Nominal)	12: 12 in, 24: 24 in, 36: 36 in, 48: 48 in
Color and Color Temperature	RGBA: Discrete Red, Green, Blue, Amber RGBW30K: Discrete Red, Green, Blue, White 30K RGBW40K: Discrete Red, Green, Blue, White 40K RGB: Discrete Red, Green, Blue
Optic	AB: Asymmetric CL: Clear 120° x 120° FR: Frosted 120° x 120°
Compact Mounting Options	ST: Standard Mounting SM: Slim Adjustable Mounting Continuously Adjustable

Control



Certifications



Wall Mounting Options	WMC3: Wall Mounting Continuously Adjustable 3 in to Optical Center WMC6: Wall Mounting Continuously Adjustable 6 in to Optical Center WMC18: Wall Mounting Continuously Adjustable 18 in to Optical Center	WMC4: Wall Mounting Continuously Adjustable 4 in to Optical Center WMC12: Wall Mounting Continuously Adjustable 12 in to Optical Center WMC24: Wall Mounting Continuously Adjustable 24 in to Optical Center
Finish	MWH: Matte White MBK: Matte Black CC: Custom Color and Finish (Please Specify RAL Color) SP: Special Color (Choose From Standard Point Source Color Palette)	
Cable Color	BK: Black WH: White	
Optical Accessories	BS: Beam Softener VS: Visor LV: Louver HL: Honeycomb Louver SN: Snoot SH: Shield	
Warranty	5-year limited warranty	

Performance

Maximum Delivered Output	Up to 871 lm (4 W/ft, 4 ft fixture, RGBW40K, Clear 120° x 120°) Up to 1715 lm (7 W/ft, 4 ft fixture, RGBW40K, Clear 120° x 120°) Up to 2570 lm (10 W/ft, 4 ft fixture, RGBW40K, Clear 120° x 120°) Up to 3261 lm (13 W/ft, 4 ft fixture, RGBW40K, Clear 120° x 120°)
Lumen Maintenance	L70>60,000 hrs Ta 77 °F (TM-21 reported) L70=76,400 hrs Ta 77 °F (projected)* L95=6100 hrs Ta 77 °F (TM-21 reported) *Estimated based on in-situ case temperature and LM-80 report

Electrical and Control

Voltage	120 Volts to 277 Volts
Wattage	4W: 4 W/ft, 7W: 7 W/ft, 10W: 10 W/ft, 13W: 13 W/ft
Control	DALI8: DALI 2 T8 Enabled Dimming 0.1% DMX/RDM: DMX/RDM Enabled Dimming 0.1%
Flicker	Designed to comply with recommended practices of IEEE 1789:2015
Inrush Current (Peak)	Meets NEMA-410 requirements

Physical

Housing Material	Aluminum
Diffuser Material	Polymethyl methacrylate (PMMA)

AB Asymmetric Optic Material	Polymethyl methacrylate (PMMA) with PC Cover
End Cap Material	Die cast aluminum
Weight	1.46 lbs (12 in fixture) 2.67 lbs (24 in fixture) 3.6 lbs (36 in fixture) 5.47 lbs (48 in fixture)

Environmental

Storage Temperature	-40 °F to 122 °F
Start-up Temperature	-4 °F to 122 °F
Operating Temperature	-40 °F to 122 °F
Environment	Damp location rating (interior applications only)
Ingress Protection Rating	IP20

Accessories - Optional (Order Separately)

Cables	LCVALC: Lumencore Linear Leader Cable LCVAJC: Lumencore Linear Jumper Cable
Installation Accessories	LCVAT: Lumencore Linear Alignment Track LCVARC: Lumencore Linear Alignment Track Cover
Control Boxes	CBX-DMX/RDM: DMX/RDM enabled (Daisy Chain or Star Configuration) CBX-ENET: Ethernet enabled (Daisy Chain or Star Configuration) LDBI: Lumentalk Data Bridge Indoor WC: Wiring Compartment (LCV/A Configuration)
Control System	PHAROS: Pharos® kit
Diagnostic and Addressing Tools	LID: LumenID

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

4 W/ft (RGBW30K)		7 W/ft (RGBW30K)		10 W/ft (RGBW30K)		13 W/ft (RGBW30K)	
	Delivered Output (lm)		Delivered Output (lm)		Delivered Output (lm)		Delivered Output (lm)
AB	697	AB	1,374	AB	2,058	AB	2,612
CL	857	CL	1,688	CL	2,529	CL	3,209
FR	722	FR	1,423	FR	2,132	FR	2,705

Based on 48 in fixture length, full output.

Consult website for IES files. Delivered output: +/- 10% tolerance.

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

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

4 W/ft (RGBW40K)

	Delivered Output (lm)
AB	709
CL	871
FR	734

7 W/ft (RGBW40K)

	Delivered Output (lm)
AB	1,396
CL	1,715
FR	1,446

10 W/ft (RGBW40K)

	Delivered Output (lm)
AB	2,092
CL	2,570
FR	2,166

13 W/ft (RGBW40K)

	Delivered Output (lm)
AB	2,654
CL	3,261
FR	2,749

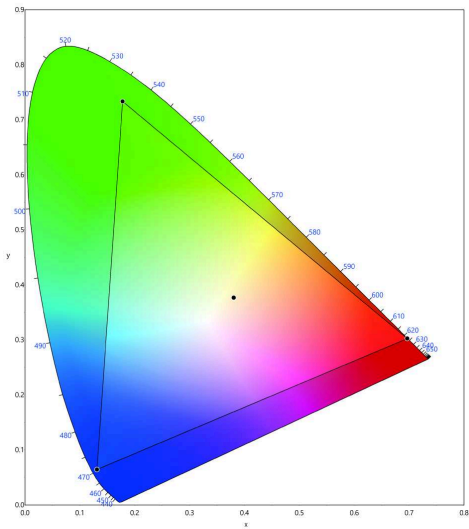
Based on 48 in fixture length, full output.

Consult website for IES files. Delivered output: +/- 10% tolerance.
Photometric performance is measured in compliance with IESNA LM-79-24.

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


Color Point Information


MRGBW40K





Red: 620-625nm
Green: 528-533nm
Blue: 465-470nm


SP - Special Colours (Palette for Fixture and Shield Finish)



MBR - Matte Brown


MOR - Matte Orange



MGR - Matte Green



MBL - Matte Blue



MSI - Matte Silver



GWH - Glossy White



GBK - Glossy Black



GYL - Glossy Yellow



GLR - Glossy Red


GVI - Glossy Violet


GGR - Glossy Green

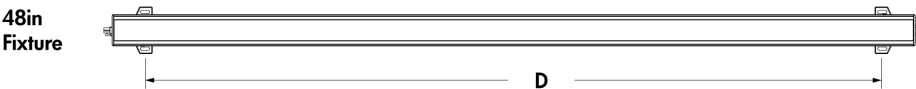
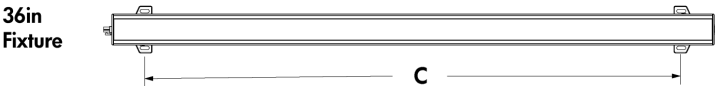
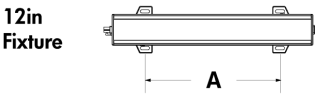

GIY - Glossy Ivory


MLG - Metalized Gray


IBR - Italian Brick Red

Mounting Bracket Placement

ST - Standard Mounting



Top view

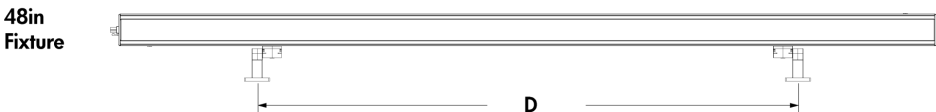
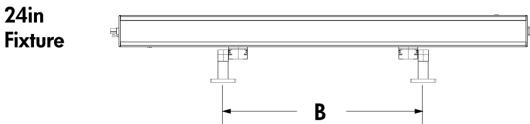
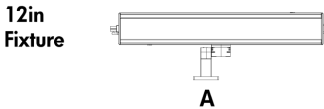
Fixed Dimensions Between Brackets

- A - 8 in
- B - 20 in
- C - 32 in
- D - 44 in

Mounting Bracket Placement (Minimum and Maximum Distances)

SM - Slim Adjustable Mounting

WMC - Wall Mounting Continuously Adjustable



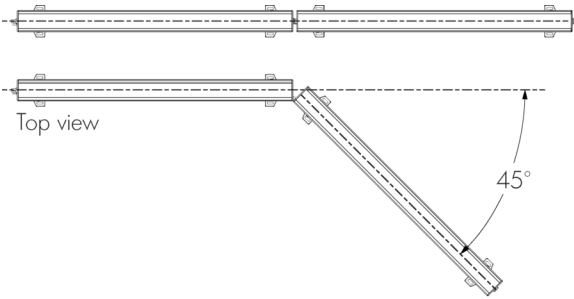
Top view

- A - Bracket in the center of the fixture
- B - Minimum 10 in to maximum 16 in
- C - Minimum 15 in to maximum 28 in
- D - Minimum 20 in to maximum 40 in

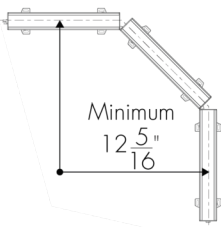
WMC3 mounting brackets shown.

Adjustment

Maximum Angle Adjustment

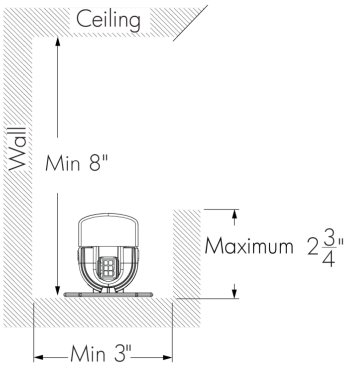


Minimum Radius

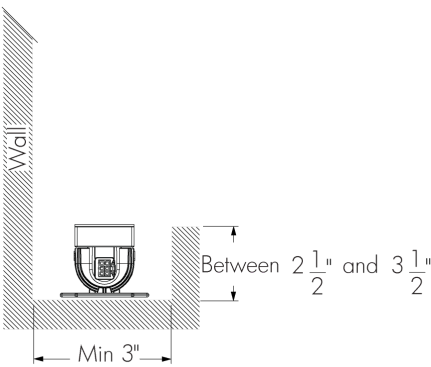


Suggested Cove Dimensions

Asymmetric Optic



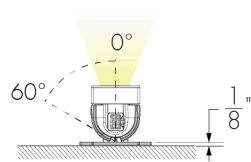
120°x120° (Clear or Frosted)



Fixture is shown with a 0° tilt adjustment. For best results, adjust fixture to 20° angle.

Mounting Options

ST - Standard Mounting



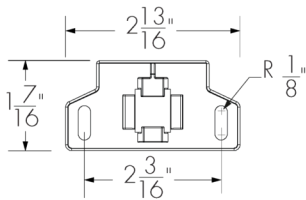
Two mountings brackets provided for all fixture lengths.

Weight of one ST Mounting Bracket: 0.02 lbs.

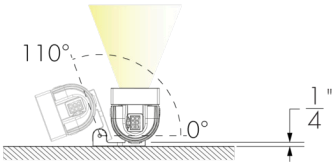
Weight of two ST Mounting Brackets: 0.04 lbs.

The weight of the mounting bracket is in addition to the weight of the fixture.

ST - Mounting Hole Pattern



SM - Slim Adjustable Mounting



The angle range will be impacted if optical accessories are added.

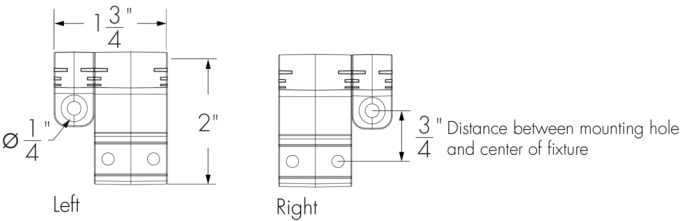
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

Weight of one SM Mounting Bracket: 0.09 lbs.

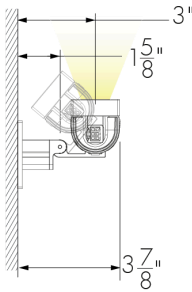
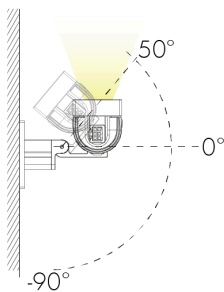
Weight of two SM Mounting Brackets: 0.19 lbs.

The weight of the mounting bracket is in addition to the weight of the fixture.

SM - Mounting Hole Pattern



WMC3 - Wall Mounting Continuous Adjustable 3 in to Optical Center



The angle range will be impacted if optical accessories are added.

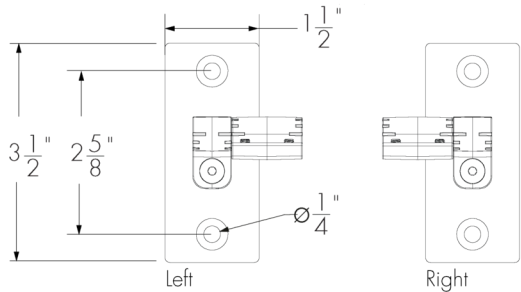
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

Weight of one WMC3 Mounting Bracket: 0.24 lbs.

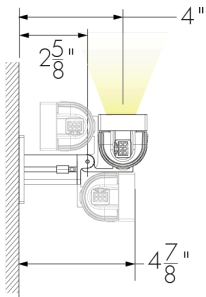
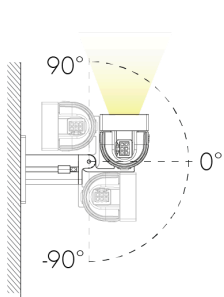
Weight of two WMC3 Mounting Brackets: 0.49 lbs.

The weight of the mounting bracket is in addition to the weight of the fixture.

WMC3 - Mounting Hole Pattern



WMC4 - Wall mounting Continuous adjustable 4 in to Optical Center



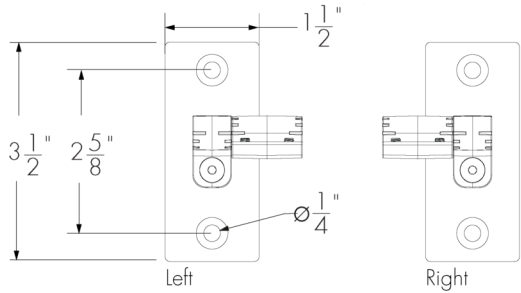
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

Weight of one WMC4 Mounting Bracket: 0.3 lbs.

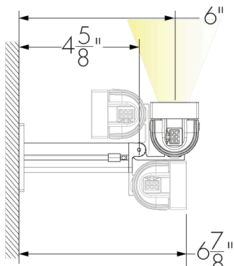
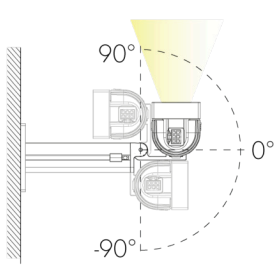
Weight of two WMC4 Mounting Brackets: 0.6 lbs.

The weight of the mounting bracket is in addition to the weight of the fixture.

WMC4 - Mounting Hole Pattern



WMC6 - Wall Mounting Continuous Adjustable 6 in to Optical Center



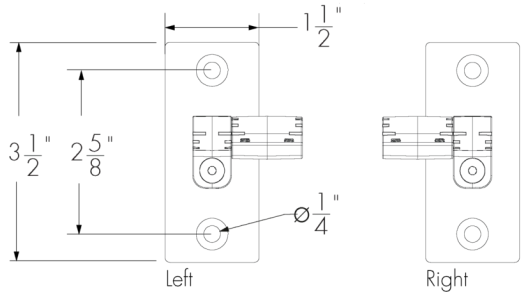
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

Weight of one WMC6 Mounting Bracket: 0.4 lbs.

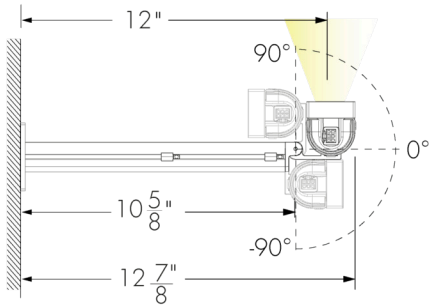
Weight of two WMC6 Mounting Brackets: 0.79 lbs.

The weight of the mounting bracket is in addition to the weight of the fixture.

WMC6 - Mounting Hole Pattern



WMC12 - Wall Mounting Continuous Adjustable 12 in to Optical Center



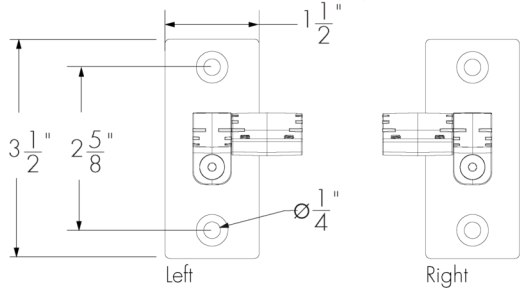
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

Weight of one WMC12 Mounting Bracket: 0.72 lbs.

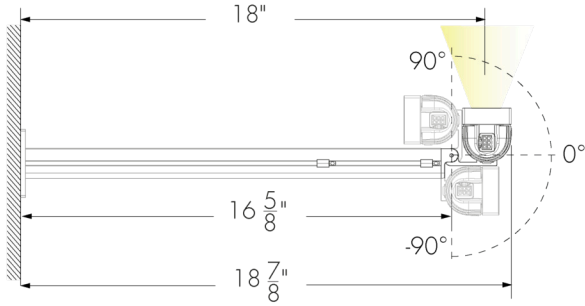
Weight of two WMC12 Mounting Brackets: 1.43 lbs.

The weight of the mounting bracket is in addition to the weight of the fixture.

WMC12 - Mounting Hole Pattern



WMC18 - Wall Mounting Continuous Adjustable 18 in to Optical Center



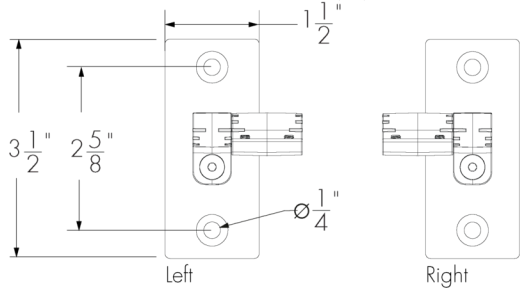
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

Weight of one WMC18 Mounting Bracket: 1.03 lbs.

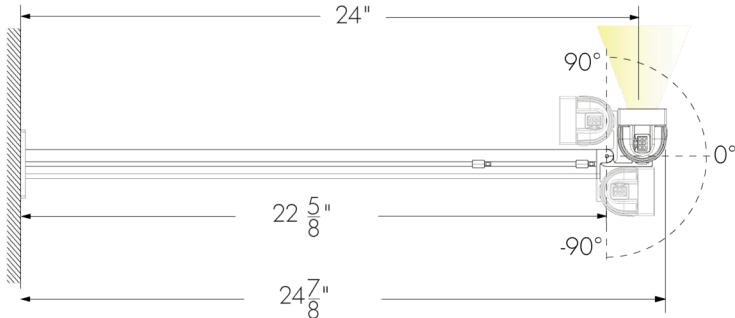
Weight of two WMC18 Mounting Brackets: 2.05 lbs.

The weight of the mounting bracket is in addition to the weight of the fixture.

WMC18 - Mounting Hole Pattern



WMC24 - Wall Mounting Continuous Adjustable 24 in to Optical Center



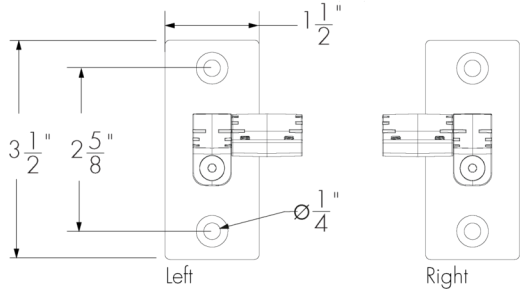
One mounting bracket provided for 12 in fixtures. Two mounting brackets provided for 24 in, 36 in and 48 in fixtures.

Weight of one WMC24 Mounting Bracket: 1.34 lbs.

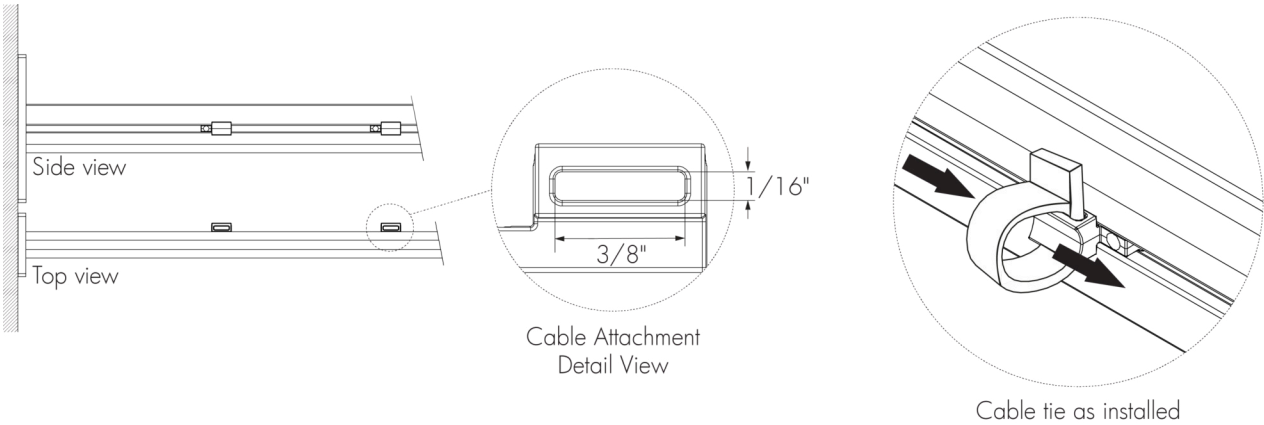
Weight of two WMC24 Mounting Brackets: 2.69 lbs.

The weight of the mounting bracket is in addition to the weight of the fixture.

WMC24 - Mounting Hole Pattern



Cable Management System for Wall Mounting Brackets



No cable attachment provided for WMC3.

One cable attachment provided for WMC4 & WMC6.

Two cable attachments provided for WMC12 & WMC18.

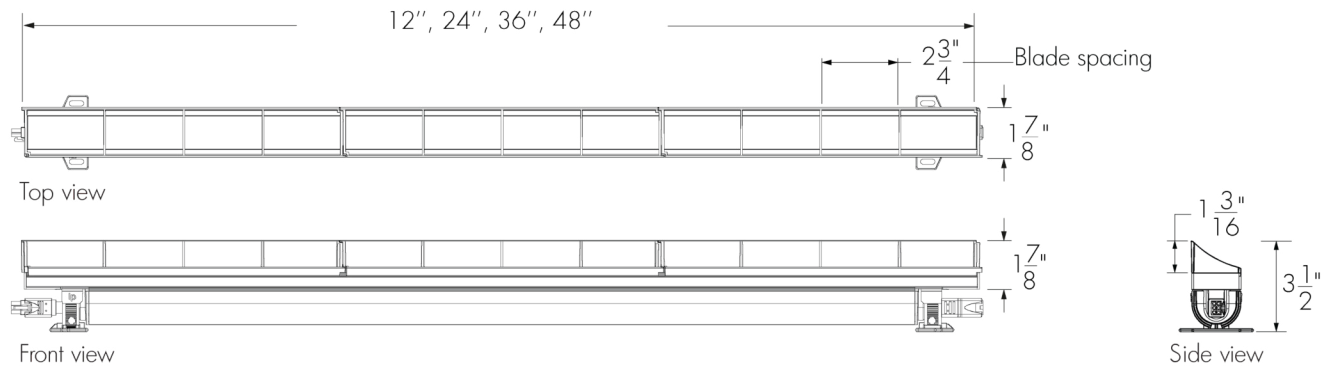
Three cable attachments provided for WMC24.

Maximum cable tie size: 0.35 in width, 0.08 in in thickness.

Cable ties are recommended, provided by others.

Accessories

VS - Visor



Accessories come in 12 in sections. 12 in Fixture requires 1 accessory, 24 in fixture requires 2 accessories, 36 in fixture requires 3 accessories, 48 in fixture requires 4 accessories.

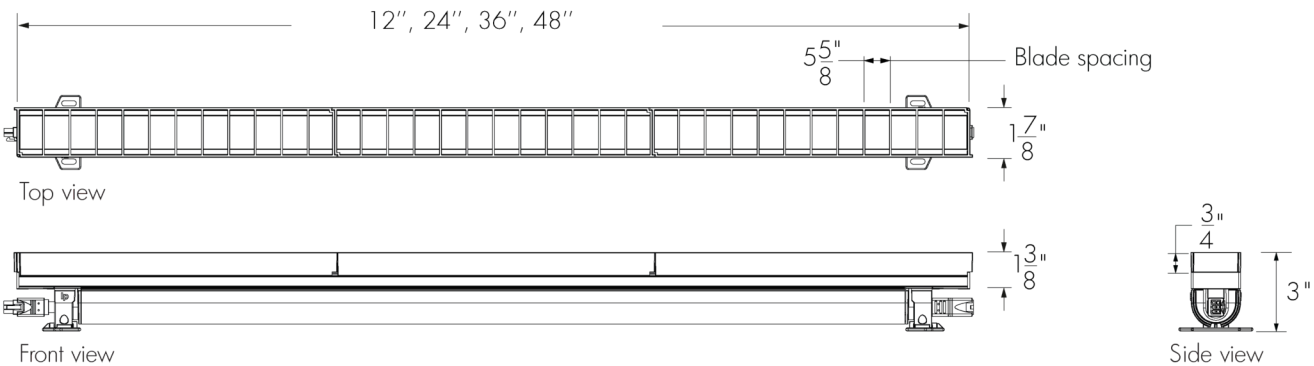
Weight of 1 accessory: 0.1 lbs, weight of 2 accessories: 0.2 lbs, weight of 3 accessories: 0.3 lbs, weight of 4 accessories: 0.4 lbs.

Note: The weight of the accessory is in addition to the weight of the fixture.

- 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. Interior surface is matte black.

Not available for AB Asymmetric Optic.

LV - Louver



Accessories come in 12 in sections. 12 in Fixture requires 1 accessory, 24 in fixture requires 2 accessories, 36 in fixture requires 3 accessories, 48 in fixture requires 4 accessories.

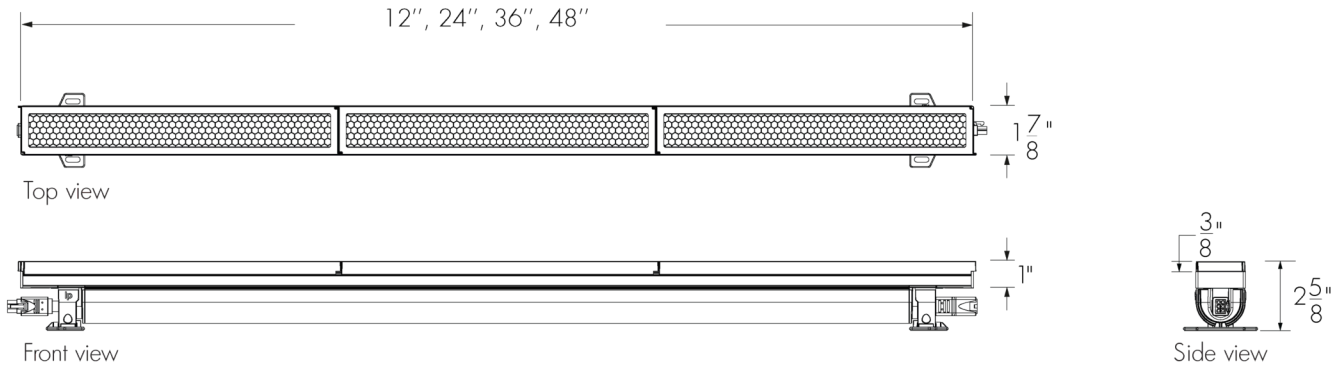
Weight of 1 accessory: 0.13 lbs, weight of 2 accessories: 0.26 lbs, weight of 3 accessories: 0.4 lbs, weight of 4 accessories: 0.53 lbs.

Note: The weight of the accessory is in addition to the weight of the fixture.

- A Louver will affect beam distribution. Consult factory for application support.
- The Louver is field installable. The 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 is matte black.

Not available for AB Asymmetric Optic.

HL - Honeycomb Louver



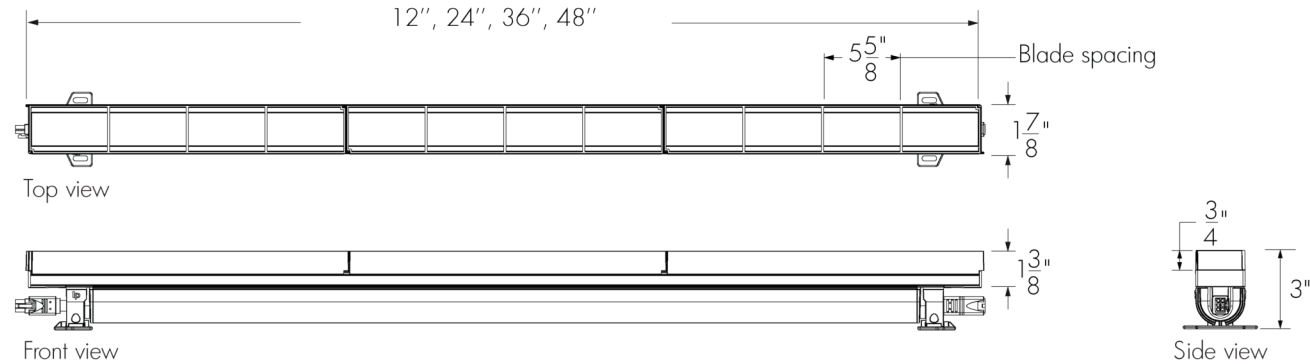
Accessories come in 12 in sections. 12 in Fixture requires 1 accessory, 24 in fixture requires 2 accessories, 36 in fixture requires 3 accessories, 48 in fixture requires 4 accessories.

Weight of 1 accessory: 0.09 lbs, weight of 2 accessories: 0.18 lbs, weight of 3 accessories: 0.26 lbs, weight of 4 accessories: 0.35 lbs.
Note: The weight of the accessory is in addition to the weight of the fixture.

- A Honeycomb Louver will affect beam distribution. Consult factory for application support.
- The Honeycomb Louver is field installable. The Honeycomb 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 is matte black.

Not available for AB Asymmetric Optic.

SN - Snoot



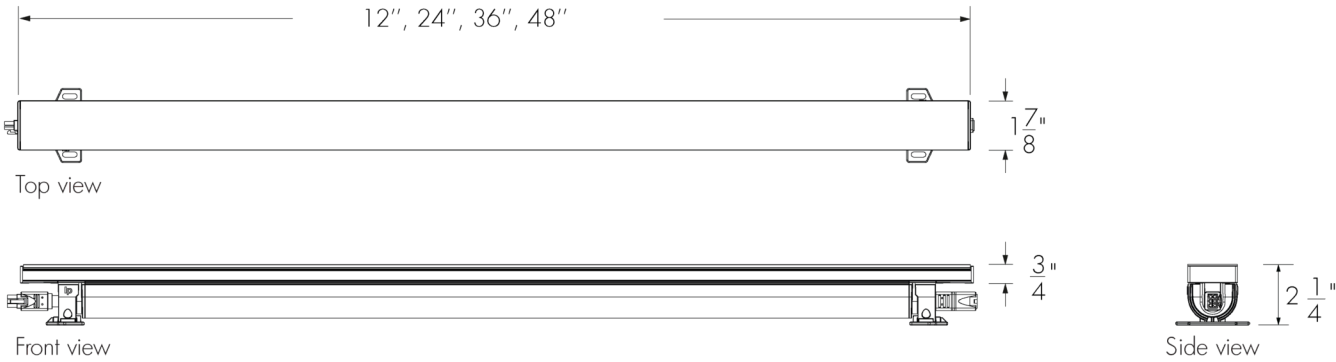
Accessories come in 12 in sections. 12 in Fixture requires 1 accessory, 24 in fixture requires 2 accessories, 36 in fixture requires 3 accessories, 48 in fixture requires 4 accessories.

Weight of 1 accessory: 0.1 lbs, weight of 2 accessories: 0.2 lbs, weight of 3 accessories: 0.3 lbs, weight of 4 accessories: 0.4 lbs.
Note: The weight of the accessory is in addition to the weight of the fixture.

- A Snoot will affect beam distribution. Consult factory for application support.
- The Snoot is field installable. The Snoot 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 is matte black.

Not available for AB Asymmetric Optic.

BS - Beam Softener

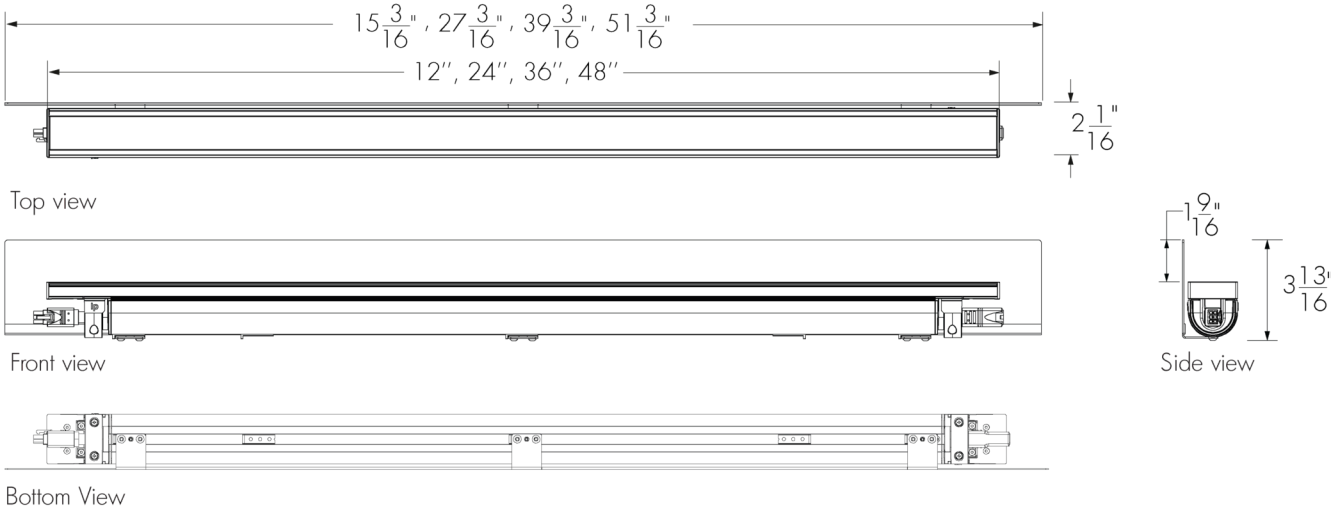


Weight of 12 in accessory: 0.07 lbs, weight of 24 in accessory: 0.13 lbs, weight of 36 in accessory: 0.2 lbs, weight of 48 in accessory: 0.26 lbs.
Note: The weight of the accessory is in addition to the weight of the fixture.

- A Beam Softener will affect beam distribution. Consult factory for application support.
- The Beam Softener is field installable. The Beam Softener 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 is matte black.

Not available for AB Asymmetric Optic.

SH - Shield



Weight of 12 in accessory: 0.31 lbs, weight of 24 in accessory: 0.55 lbs, weight of 36 in accessory: 0.79 lbs, weight of 48 in accessory: 1.05 lbs.
Note: The weight of the accessory is in addition to the weight of the fixture.

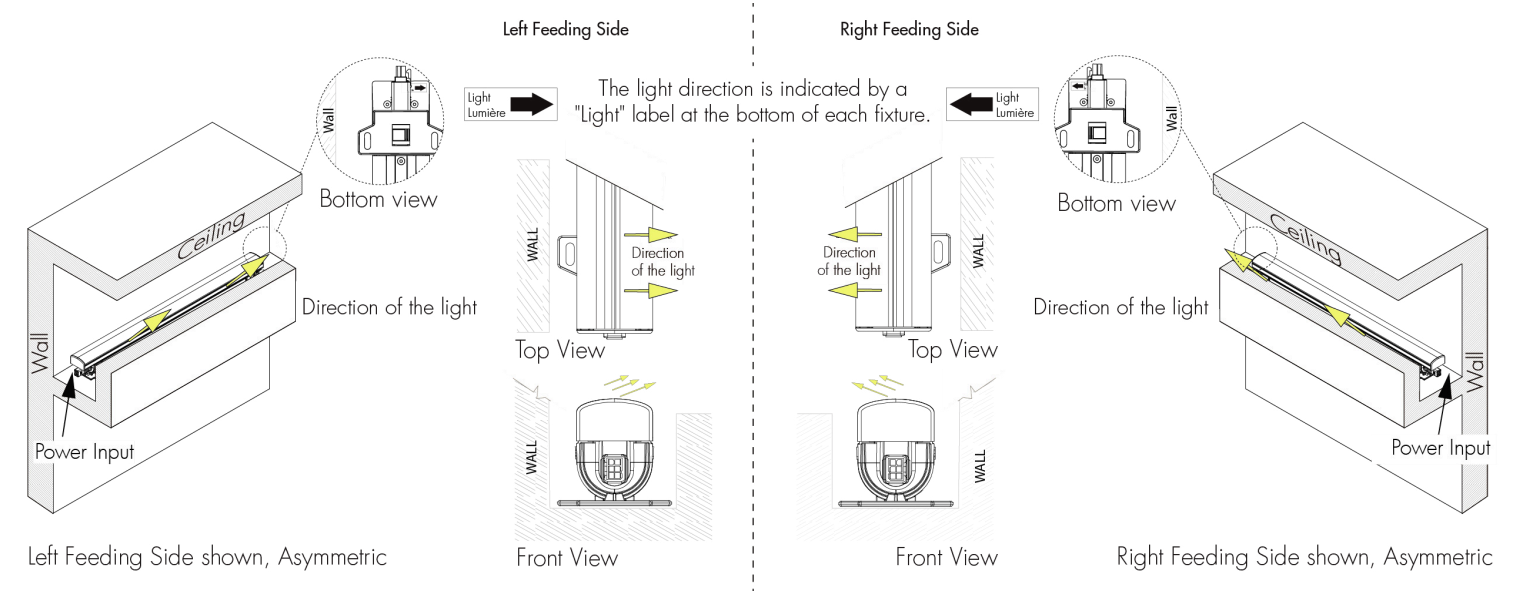
- The Shield can only be used with WMC or SM mounting options.
- A Shield will affect beam distribution. Consult factory for application support.
- The Shield is field installable. The Shield can be combined with one other accessory.
- The exterior finish of the accessory will match the finish specified in the fixture order code (interior surface painted matte black).

Not available for AB Asymmetric Optic.

Weight Table

Weight (lbs)							
	Fixture Only	Fixture With Beam Softener	Fixture With Visor	Fixture With Louver	Fixture With Honeycomb Louver	Fixture With Snoot	Fixture With Shield
1ft	1.39	1.46	1.49	1.52	1.48	1.49	1.7
2ft	2.78	2.91	2.98	3.04	2.95	2.98	3.4
3ft	4.17	4.37	4.46	4.56	4.43	4.46	5.09
4ft	5.56	5.82	5.95	6.08	5.91	5.95	6.79

Asymmetric Optic Details



Resolution Details

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

Mode	Channel Types	DMX Indexes			
RGB (3-Channel)	R,G,B	1,2,3	4,5,6	7,8,9	10,11,12
RGB+White (4-Channel)	R,G,B,W	1,2,3,4	5,6,7,8	9,10,11,12	13,14,15,16
RGB+Amber (4-Channel)	R,G,B,A	1,2,3,4	5,6,7,8	9,10,11,12	13,14,15,16

DMX Indexes			
13,14,15	16,17,18	19,20,21	22,23,24
17,18,19,20	21,22,23,24	25,26,27,28	29,30,31,32
17,18,19,20	21,22,23,24	25,26,27,28	29,30,31,32

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

Mode	Channel Types	DMX Indexes
Pastel RGB (3-Channel)	R,G,B	1,2,3
RGB+White (4-Channel)	R,G,B,W	1,2,3,4
RGB+Amber (4-Channel)	R,G,B,A	1,2,3,4

DMX Indexes	
4,5,6	
5,6,7,8	
5,6,7,8	

Wiring Color Code

DALIT8

UL Color Code	Use
Green	Ground
Black	Line
White	Neutral
Purple	Data +
Pink	Data -

DMX/RDM

UL Color Code	Use
Green	Ground
Black	Line
White	Neutral
Red	Data +
Grey	Data Return
Orange	Data -

Maximum Fixture Run Length Table

Lumencore Linear 4W/ft

	120V	277V
Maximum Run of Fixtures	284ft	664ft

Lumencore Linear 7W/ft

	120V	277V
Maximum Run of Fixtures	172ft	400ft

Lumencore Linear 10W/ft

	120V	277V
Maximum Run of Fixtures	124ft	284ft

Lumencore Linear 13W/ft

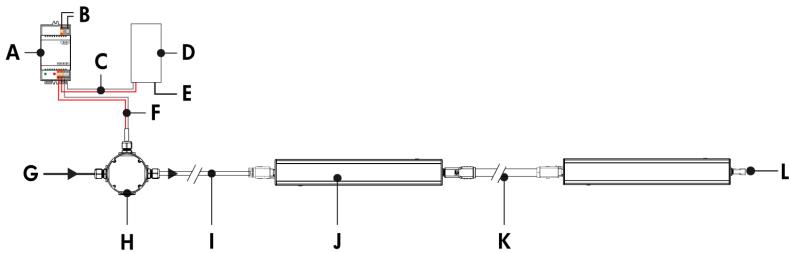
	120V	277V
Maximum Run of Fixtures	96ft	224ft

Based on 48 in fixtures, power limitations only, and a 10 ft Leader Cable for an end-to-end run, with no Jumper Cables between fixtures. Restrictions may apply based on control type.

The current in the Leader Cable shall not exceed 11A, and the voltage on any fixture shall not be lower than 90V during steady-rate operation. Refer to Typical Wiring Diagrams for Control Protocol specific run length rules.

Typical Wiring Diagrams

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 to 277V, wiring by others)
- H - Junction box (by others)
- I - Leader Cable (LCVALC MDR3P2D)
- J - Lumencore Linear
- K - Jumper Cable (optional, LCVAJC MDR3P2D)
- L - End Cap

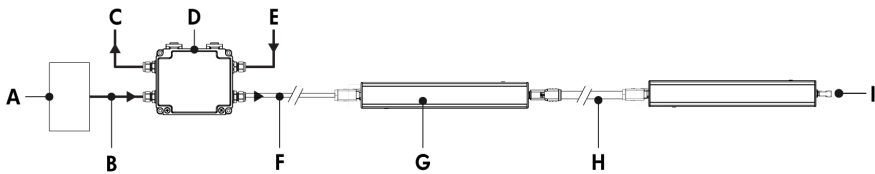
64 DALI addressable device limitation (each fixture is an addressable device).

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 0.1% minimum dimming value.

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 (LCVALC MDR3P3D)
- G - Lumencore Linear
- H - Jumper Cable (optional, LCVAJC MDR3P3D)
- I - DMX/RDM Terminator

Consult CBX installation instructions for additional wiring details.

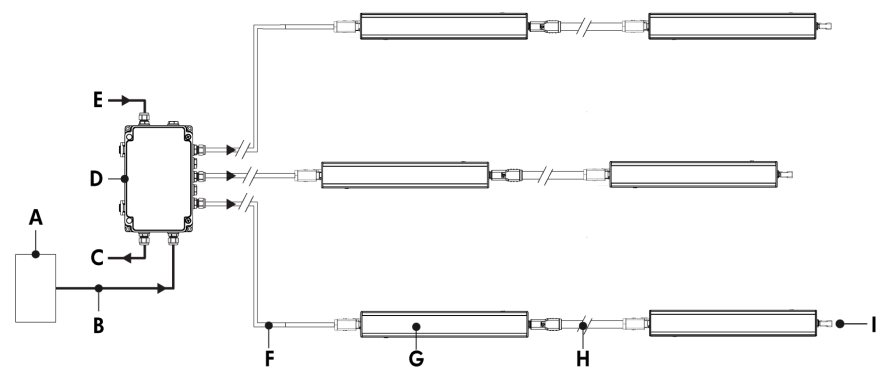
800 ft maximum DMX/RDM "Bus" length.

1 DMX universe = 128 @ 4-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.

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 (LCVALC MDR3P3D)
- G - Lumencore Linear
- H - Jumper Cable (optional, LCVAJC MDR3P3D)
- I - DMX/RDM Terminator

Consult CBX installation instructions for additional wiring details.

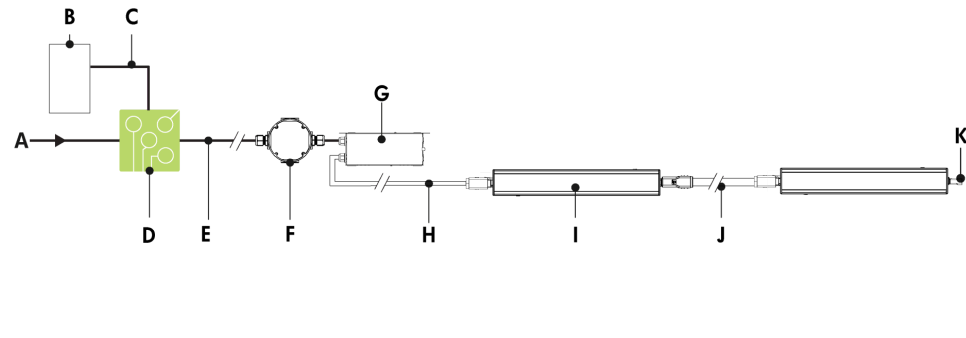
800 ft maximum DMX/RDM "Bus" length.

1 DMX universe = 128 @ 4-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.

DALI or DMX/RDM With Lumentalk Data Bridge Indoor



- A - Power input (120 to 277V, wiring by others)
- B - DMX/RDM controller (order separately from Lumenpulse, or by others)
- C - Data wiring (wiring by others)
- D - Lumentranslator 2 (LTL2-DMX)
- E - Power wiring (by others)
- F - Junction box (by others)
- G - Lumentalk Data Bridge Indoor (LDBI-DMX)
- H - Leader Cable (LCVALC MDR3P3D)
- I - Lumencore Linear
- J - Jumper Cable (optional, LCVAJC MDR3P3D)
- K - End Cap

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.

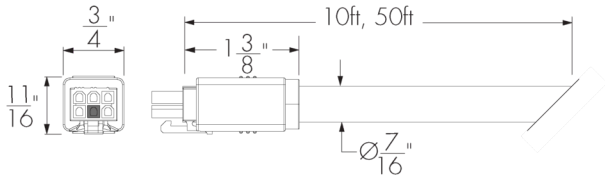
No third-party fixtures allowed on the same circuit.

Consult factory for DALI Lumentalk applications.

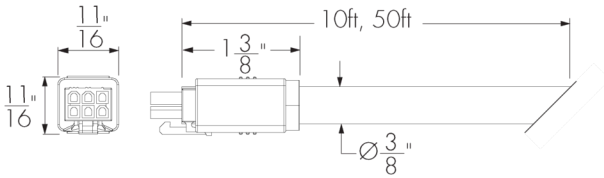
Refer to installation instructions for additional wiring details.

Leader Cable (Order Separately)

LCVALC - Lumencore Linear Leader Cable (MDR3P2D)



LCVALC - Lumencore Linear Leader Cable (MDR3P3D)



LCVALC-UL-CERTIFICATION-CONTROL-LENGTH- FINISH-BK-WH

Please specify:

CERTIFICATION: UL

CONTROL:

MDR3P2D - DALI Control

MDR3P3D - DMX/RDM Control

LENGTH: 10 ft, 50 ft

A DMX/RDM Terminator is mandatory at the end of a fixture run. One (1) included with every MDR3P3D Leader Cable.

Cable Bend Radius:

MDR3P: Minimal bend radius 2 in

MDR3P2D: Minimal bend radius 3 in

MDR3P3D: Minimal bend radius 2 in

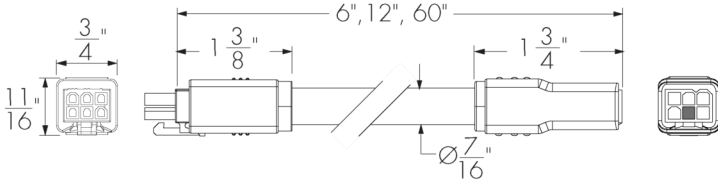
Consult Lumencore Linear Leader Cable specification sheet for additional information.

MDR3P2D: End Cap is provided.

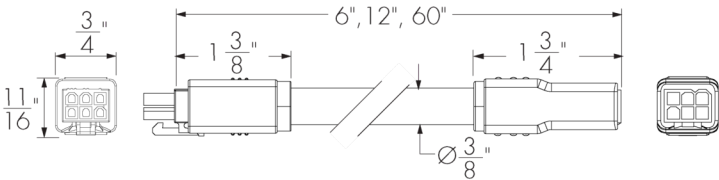
MDR3P3D: DMX/RDM Terminator is provided

Jumper Cable (Order Separately)

LCVAJC - Lumencore Linear Jumper Cable (MDR3P2D)



LCVAJC - Lumencore Linear Jumper Cable (MDR3P3D)



LCVAJC-UL-CERTIFICATION-CONTROL-LENGTH-FINISH-BK-WH

Specify:

CERTIFICATION: UL

CONTROL:

MDR3P2D - DALI

MDR3P3D - DMX/RDM Control

LENGTH: 6 in, 1 ft or 5 ft

Cable Bend Radius:

MDR3P: Minimal bend radius 2 in

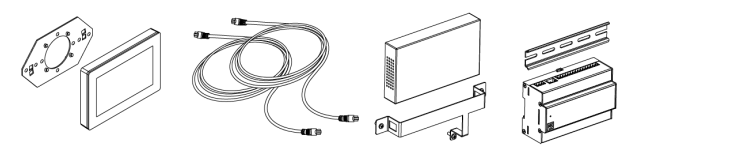
MDR3P2D: Minimal bend radius 3 in

MDR3P3D: Minimal bend radius 2 in

Consult Lumencove Linear Jumper Cable specification sheet for additional information. Minimum spacing two fixtures in a row: 0.28 in (nominal).

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.

Diagnostic And Addressing Tools (Order Separately)

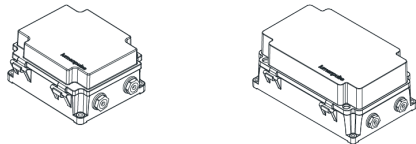
LID - LumenID



The updated LumenID (LID) is now your 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. Consult the LID specification sheet for full details.

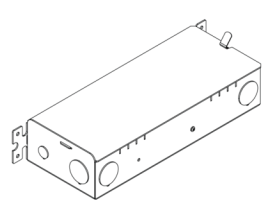
Control Boxes (Order Separately)

CBX-DMX/RDM - DMX/RDM Enabled (Daisy Chain or Star Configuration)



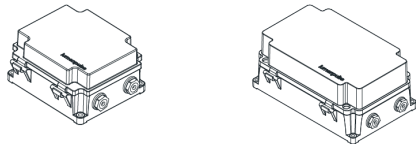
DMX/RDM control box. Up to six power and data outputs to fixtures or fixture runs. Consult CBX specification sheet and installation instructions for details. Lumenterminators provided with CBX (2x for Daisy Chain configuration, 6x for Star configuration), consult factory to order spares.

LDBI - Lumentalk Data Bridge Indoor



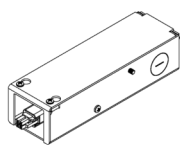
The Lumentalk Data Bridge Indoor is a digital interface that connects non-Lumentalk luminaires to the Lumentalk network, DMX output. Consult the Lumentalk Data Bridge Indoor specification sheet and installation instructions for details.

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



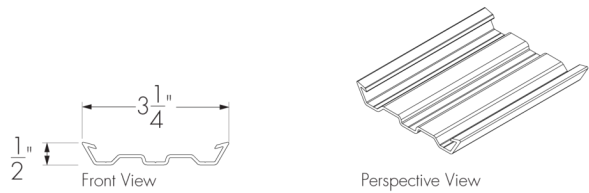
Ethernet control box. Up to four power and data outputs to fixture or fixture runs. Consult Ethernet CBX specification sheet and installation instructions for details.

WC - Wiring Compartment



The Lumenpulse Wiring Compartment is pre-wired with a leader cable, allowing the quick connection of conduits. Consult the Wiring Compartment specification sheet and installation instructions for details.

Alignment Track (Order Separately)



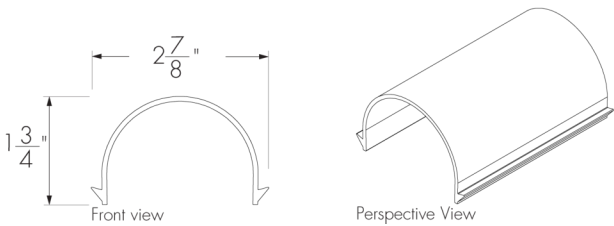
LCVAT-LENGTH-COLOR

LENGTH: 5 ft

COLOR: WH (White)

Alignment Track can only be used with ST Mounting Option. Alignment Track must be cut on site to desired length.

Alignment Track Cover (Order Separately)



LCVARC-LENGTH-COLOR

LENGTH: 5 ft

COLOR: WH (White)

Alignment Track Cover must be used in combination with Alignment Track. Alignment Track Cover can be used to cover cable between two fixtures. To be cut on site to desired length.

How to Order

Housing	Certification	Voltage	Length	Wattage	Color and Color Temperature	Optic	Feeding Side	Control ⁽⁴⁾	Mounting Options	Finish
LCV Lumencore Linear Cove	UL UL Compliant	120-277 120 Volts to 277 Volts	12 12 in	4W 4 W/ft	RGBA Discrete Red, Green Blue, Amber	AB Asymmetric	NF No Feed Information Required ⁽²⁾	DALI8 DALI 2 T8 Enabled Dimming 0.1% ⁽⁵⁾	ST Standard Mounting ⁽⁷⁾ ⁽⁸⁾ ⁽⁹⁾ ⁽¹⁰⁾	MWH Matte White
			24 24 in	7W 7 W/ft	RGBW30K Discrete Red, Green, Blue, White 30K ⁽¹¹⁾	CL Clear 120° x 120°	RF Right Feeding Side ⁽³⁾	DMX/RDM DMX/RDM Enabled Dimming 0.1% ⁽⁶⁾	SM Slim Adjustable Mounting Continuously Adjustable ⁽¹¹⁾	MBK Matte Black
			36 36 in	10W 10 W/ft	RGBW40K Discrete Red, Green, Blue, White 40K ⁽¹¹⁾	FR Frosted 120° x 120°	LF Left Feeding Side ⁽³⁾		WMC3 Wall Mounting Continuously Adjustable 3 in to Optical Center ⁽¹¹⁾	CC Custom Color & Finish ⁽⁸⁾ ⁽¹²⁾ ⁽¹³⁾ ⁽¹⁴⁾ ⁽¹⁵⁾
			48 48 in	13W 13 W/ft	RGB Discrete Red, Green, Blue				WMC4 Wall Mounting Continuously Adjustable 4 in to Optical Center ⁽¹¹⁾	SP Special Color (Choose From Standard Point Source Color Palette) ⁽¹⁶⁾

Notes:

1. Typical color rendering for white is CRI 80+.

2. Default option if AB Asymmetric Optic is not specified.

3. Specify for AB Asymmetric Optic only.

4. Lumentalk system is enabled with Lumentalk Data Bridge Indoor (LDBI) accessory. A DMX/RDM control option must be specified in fixture code. See the typical wiring diagrams or consult factory for more details.

5. DALI 2 T8 controller required, provided by others. DALI2 T8 control uses a single DALI short address.

6. A Control Box (CBX-DS or CBX-ST) and lumenID (LID) must be specified.

7. ST Mounting Option is required if the LCVAT Alignment Track will be ordered separately.

8. ST Mounting Option not available with CC Custom Color and Finish, or SP Special Color Finishes.

9. ST Mounting Option is not compatible with SH Shield Accessory.
10. Two mounting brackets provided for each fixture length.

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

12. Textured colours and finishes are not available.

13. 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.

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

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

16. Concrete Grey (CGY) and Parget White (PWH) are not available as special colors.

How to Order

Cable Color ⁽¹⁷⁾	Accessories	Shield	Shield Finish	Buy American Act
BK Black WH White	NA No Accessory ⁽¹⁸⁾ BS Beam Softener VS Visor ⁽¹⁹⁾ ⁽²⁰⁾ ⁽²¹⁾ LV Louver ⁽¹⁹⁾ ⁽²⁰⁾ ⁽²¹⁾ HL Honeycomb Louver ⁽¹⁹⁾ ⁽²⁰⁾ ⁽²¹⁾ SN Snoot ⁽¹⁹⁾ ⁽²⁰⁾ ⁽²¹⁾	NH No Shield SH Shield ⁽²²⁾ ⁽²³⁾ ⁽²⁴⁾	MWH Matte White MBK Matte Black CC Custom Color & Finish ⁽⁸⁾ ⁽¹²⁾ ⁽¹³⁾ ⁽¹⁴⁾ ⁽¹⁵⁾ SP Special Color (Choose From Standard Point Source Color Palette) ⁽¹⁶⁾	BAA Buy American ⁽²⁵⁾

Notes:

- 8.** ST Mounting Option not available with CC Custom Color and Finish, or SP Special Color Finishes.

12. Textured colours and finishes are not available.

13. 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.

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

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

16. Concrete Grey (CGY) and Parget White (PWH) are not available as special colors.

17. The Cable Color must match the Fixture Finish, unless CC or SP is specified in the product code. If CC or SP is specified as the Fixture Finish in the product code, a WH or BK cable can be specified.
- 18.** Default option if AB Asymmetric Optic is specified. NA No Accessory must be specified in the product code.

19. Accessories are sold in 12 in sections. The length specified for the fixture will determine the number of accessories provided.

20. Not available if CC Custom Color and Finish or SP Special Color is specified in the product code.

21. Matte black interior surface, exterior finish matches housing color.

22. The SH Shield Accessory is not available with ST Mounting Option.

23. The SH Shield Accessory is not available with AB Asymmetric Optic.

24. The SH Shield Accessory can be combined with one other accessory.

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