MARK ARCHITECTURAL LIGHTING

MARKCOVE

INTEGRATED COVE LUMINAIRE
STATIC WHITE & COLOR

HIGHLIGHTS

- Created for integration with the MARKCOVE MCVE integrated cove extrusion profiles (sold separately)
- Available in 2, 3, and 4-foot lengths
- Two distributions:
  Asymmetric and Symmetric
  Injection molded optics for consistent aesthetic appearance
- Lumen outputs from 400 to 1200 lumens per foot
- Five static white color temperatures in two CRI options
- Cable and wire splice box selections available for installation ease
- Optional fixed mount hardware for independent mounting
- Flicker-free dimming to dark (0.1%) powered by eldoLED® drivers
- Alternate DALI, ELV, and Lutron® dimming solutions available
- nLight® enabled system networking wired and wireless
- Standard in semi-gloss white powder paint finish with optional RAL, or custom color selections
- Total System Integration features a 5-year limited warranty by Acuity Brands covering all components and construction

LUMEN OUTPUT

MCV504 STATIC WHITE

Nominal Lumens	400LMF	600LMF	800LMF	1000LMF	1200LMF
Delivered Lumens	456	690	914	1141	1417
Input Watts	3.6	5.5	7.5	9.7	13.0
Lumens/Watt	127	125	122	118	109

** Performance data based upon ASYM/35K /80CRI

MCV504 COLOR

Nominal Lumens	RED	GRN	BLU	AMB
Delivered Lumens Per FT	403	982	293	343
Input Watts	5.6	6.9	7.5	6.0
Lumens/Watt	71	141	39	57

** Performance data based upon ASYM Optic

DIMENSIONS

Reference Drawing Detail section for additional information

ASYMMETRIC DISTRIBUTION

NO MOUNT	MCFMC MOUNT
1-15/16" [49.37mm], 3-1/16" [78.54mm]	2-3/16" [54.81mm], 2-13/16" [71.58mm], 3-1/16" [78.54mm]

SYMMETRIC DISTRIBUTION

NO MOUNT	MCFMC MOUNT
1-15/16" [49.37mm], 3-1/16" [78.54mm]	2-3/16" [54.81mm], 2-13/16" [71.58mm], 3-1/16" [78.54mm]

24-1/2" [621.03mm]
36-3/8" [924.24mm]
48-3/8" [1227.46mm]

3-1/16" [78.54mm]

0" TO 1-1/2" [0 mm] [38.10mm]

3/16" [4.63mm]

1-15/16" [49.04mm]

STANDARD DISTRIBUTION

75° FWHM, Peak 45°, 60°

ASYMMETRIC

60° 60° 60°

SYMMETRIC

COMPANION LUMINAIRE(S)

MCVE KEC DWM
MARKCOVE Extrusion
Knife Edge Dry Wall

MCVE KEC MUD
MARKCOVE Extrusion
Knife Edge Mud In

MCVE SEC DWM
MARKCOVE Extrusion
Square Edge Dry Wall

MCVE SEC MUD
MARKCOVE Extrusion
Square Edge Mud In

D4+ CAPABLE · CSA C US · nLIGHT · eldoLED® · DAMP LOCATION™ · BAA · BABA · Declare. · Acuity Brands

MARKCOVE
Integrated Cove Luminaire
Static White & Color

ORDERING

Example: MCV504 LLP 24FT MSL4 90CRI 35K 800LMF ASYM DARK MVOLT SGW ZT MFCLC25L
Example: MCV504 LLP 17FT MSL3 GRN 120X120DEG MIN1 MVOLT SGW DALI MCVFWP

Series		Linear Plan		Total Run Length		Max Section Length		Mounting		Direct Light Source Color Rendering		Direct LED Color Temp			
MCV504	MARKCOVE 504	**LLP**	Linear Longest Possible	**__FT**	Total Run Length. Specify feet in 1' increments starting at 2'. (Example: 24FT)	**MSL2**	2'	**(blank)**	Installing into MARKCOVE MCVE extrusion	**(blank)**	Color LEDs	**27K**	2700K	**AMB**	Amber
		LSL	Linear Same Length			**MSL3**	3'			**80CRI**	80CRI	**30K**	3000K	**BLU**	Blue
		LCB	Linear Center Balance			**MSL4**	4'	**MCFMC**	Fixed mount kit	**90CRI**	90CRI	**35K**	3500K	**GRN**	Green
												40K	4000K	**RED**	Red
												50K	5000K		

Direct LED Light Output		Direct Distribution		Minimum Dimming Level		Voltage		Finish	
(blank)	Color LEDs	**120X120DEG**	120 x 120 degrees	**DARK**	Constant Current, Dimming to <1%	**MVOLT**	120 - 277 Volt	**SGW**	Semi-Gloss White Paint
400LMF**	400 Nominal Lumens per Foot	**ASYM**	Asymmetric	**MIN1**	Constant Current, Dimming to 1%	**120***	120 Volt	**RALTBD**	RAL Color TBD
600LMF**	600 Nominal Lumens per Foot			**MIN5***	Constant Current, Dimming to 5%	**347****	347 Volt		RALTBD is for pricing only. Replace with applicable RAL number when placing order.
800LMF	800 Nominal Lumens per Foot			*Only available with 120 & ELV.		*Only available with MIN5. Not available with color LEDs.		
1000LMF	1000 Nominal Lumens per Foot					**Provided as a remote stepdown transformer		
1200LMF*	1200 Nominal Lumens per Foot							
*Not available with ECOD or in 3FT/4FT 120 MIN5 ELV								
**Not available with ELV option								
***Not available in 2FT 120 MIN5 ELV								

Control Input		Power Feed		Options	
DALI	DALI	**MCVFBXL**	Wire splice box left	**(blank)**	No Options
ELV*	Phase Dimming	**MCVFBXR**	Wire splice box right	**CP**	Chicago Plenum
NLIGHT	nLight Enabled	**MCVFWP***	Conduit whip	CP is only available with NLIGHT or NLTAIR2.	
NLTAIR2	nLight AIR (wireless) Enabled	**MFCLC100L**	Left 100ft feed cable, female		
ZT	0 - 10V	**MFCLC100R**	Right 100ft feed cable, male		
ECOD**	Lutron Hi-Lume EcoSystem Digital LED Driver, 1% dimming	**MFCLC10L**	Left 10ft feed cable, female		
*Only available with MIN5		**MFCLC10R**	Right 10ft feed cable, male		
**Only available with MIN1		**MFCLC25L**	Left 25ft feed cable, female		
		MFCLC25R	Right 25ft feed cable, male		
		MFCLC50L	Left 50ft feed cable, female		
		MFCLC50R	Right 50ft feed cable, male		
		NOFCL	No Power Feed Cable		
		*Required when installing with MARKCOVE MCVE Extrusion.			

	LENGTH	WEIGHT
MCV504	24-1/2" (621mm)	3.0 Lbs
	36-3/8" (924mm)	5.0 Lbs
	48-3/3" (1227mm)	6.0 Lbs

MARKCOVE
Integrated Cove Luminaire
Static White & Color

PERFORMANCE DATA

Static White

Lumens Per Foot	Fixture Length	Distribution	CCT	CRI	Delivered Lumens	Input Watts	Lumen/ Watt
400	2FT	ASYM	35K	80	908	7.2	126
	2FT	120X120DEG	35K	80	1002	7.2	139
	3FT	ASYM	35K	80	1383	10.8	128
	3FT	120X120DEG	35K	80	1527	10.8	141
	4FT	ASYM	35K	80	1847	14.4	128
	4FT	120X120DEG	35K	80	2039	14.4	142
600	2FT	ASYM	35K	80	1311	10.7	123
	2FT	120X120DEG	35K	80	1448	10.7	135
	3FT	ASYM	35K	80	1999	16.0	125
	3FT	120X120DEG	35K	80	2207	16.0	138
	4FT	ASYM	35K	80	2669	21.5	124
	4FT	120X120DEG	35K	80	2947	21.5	137
800	2FT	ASYM	35K	80	1754	14.7	119
	2FT	120X120DEG	35K	80	1936	14.7	132
	3FT	ASYM	35K	80	2673	22.0	122
	3FT	120X120DEG	35K	80	2951	22.0	134
	4FT	ASYM	35K	80	3569	29.5	121
	4FT	120X120DEG	35K	80	3940	29.5	134

Lumens Per Foot	Fixture Length	Distribution	CCT	CRI	Delivered Lumens	Input Watts	Lumen/ Watt
1000	2FT	ASYM	35K	80	2165	19.0	114
	2FT	120X120DEG	35K	80	2390	19.0	126
	3FT	ASYM	35K	80	3300	28.3	117
	3FT	120X120DEG	35K	80	3643	28.3	129
	4FT	ASYM	35K	80	4405	38.0	116
	4FT	120X120DEG	35K	80	4864	38.0	128
1200	2FT	ASYM	35K	80	2708	25.4	107
	2FT	120X120DEG	35K	80	2989	25.4	118
	3FT	ASYM	35K	80	4127	37.9	109
	3FT	120X120DEG	35K	80	4557	37.9	120
	4FT	ASYM	35K	80	5510	51.0	108
	4FT	120X120DEG	35K	80	6084	51.0	119

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

IES data is available at https://winonalighting.acuitybrands.com/ Refer to website for the latest IES file updates.

Static Color

Lumens Per Foot	Fixture Length	Distribution	Delivered Lumens	Input Watts	Lumen/ Watt	Delivered Lumens Per Foot	Input Watts Per Foot
RED	2FT	ASYM	689	12.4	56	345	6.20
	2FT	120X120DEG	760	12.4	61	380	6.20
	3FT	ASYM	1009	17.6	57	336	5.87
	3FT	120X120DEG	1114	17.6	63	371	5.87
	4FT	ASYM	1662	22.7	73	416	5.68
	4FT	120X120DEG	1835	22.7	81	459	5.68
GREEN	2FT	ASYM	1681	15.2	111	841	7.60
	2FT	120X120DEG	1855	15.2	122	928	7.60
	3FT	ASYM	2463	21.5	115	821	7.17
	3FT	120X120DEG	2719	21.5	126	906	7.17
	4FT	ASYM	4058	27.8	146	1015	6.95
	4FT	120X120DEG	4479	27.8	161	1120	6.95
BLUE	2FT	ASYM	509	16.4	31	255	8.20
	2FT	120X120DEG	562	16.4	34	281	8.20
	3FT	ASYM	746	23.2	32	249	7.73
	3FT	120X120DEG	823	23.2	35	274	7.73
	4FT	ASYM	1228	30	41	307	7.50
	4FT	120X120DEG	1356	30	45	339	7.50
AMBER	2FT	ASYM	593	13.2	45	297	6.60
	2FT	120X120DEG	654	13.2	50	327	6.60
	3FT	ASYM	869	18.6	47	290	6.20
	3FT	120X120DEG	959	18.6	52	320	6.20
	4FT	ASYM	1432	24.1	59	358	6.03
	4FT	120X120DEG	1580	24.1	66	395	6.03

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

IES data is available at https://winonalighting.acuitybrands.com/ Refer to website for the latest IES file updates.

Lumen Multipier Table, Static White only

Data table baseline is 3500K 80CRI photometry. This table can be used to approximate the lumen values at different Kelvin temperatures and Color Rendering Index. Power consumption would stay the same.

CCT	CRI	Multiplier
27K	80	0.960
30K	80	0.991
35K	80	1.000
40K	80	1.000
50K	80	1.052
27K	90	0.815
30K	90	0.833
35K	90	0.854
40K	90	0.869
50K	90	0.927

Lumen Multipier Table for when used in CVE Extrusion For both Static White and Color

This table can be used to approximate the lumen values at different Kelvin temperatures and Color Rendering Index. Power consumption would stay the same.

| Distribution	Lens	Multiplier
ASYM	none	0.849
120X120DEG	none	0.904
ASYM	clear	0.780
120X120DEG	clear	0.835
ASYM	frosted	0.763
120X120DEG	frosted	0.818

LINEAR PLAN

Mark offers the ability to provide a continuous run plan to suit your requirements by optionally offering three methods of configuration.

LLP Longest Length Possible:
In this plan the longest length available is optimized resulting in the fewest segments and mounting locations. Caution should be used where balanced appearance is a concern. Example: 22FT row would have (5) 4FT segments and (1) 2FT segment located at one end.

LSL Longest Same Length:
In this configuration each segment is the same length is standardized based on the longest length available and is the only option provided. Because it is dependent on one segment length there are mathematical limitations on what overall row lengths can be achieved. Example: 20FT row would be achieved with (5) 4FT long segments equaling 20FT (nominal).

LCB Longest Center Balanced:
This configuration incorporates the longest center segment(s) along with any additional lengths required to fill located at each end. Example: 22FT row would have (2) 3FT segments (one at each end) and (4) 4FT intermediate segments located in between.

LLP 22FT

| 2' | 4' | 4' | 4' | 4' | 4' |

LSL 20FT

| 4' | 4' | 4' | 4' | 4' |

LCB 22FT

| 3' | 4' | 4' | 4' | 4' | 3' |
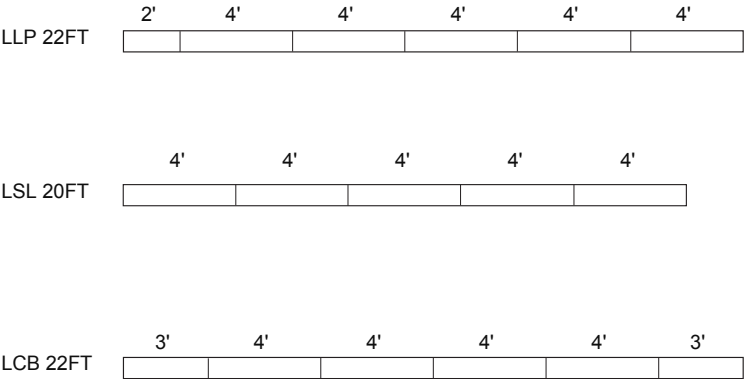
DISTRIBUTION

ASYMMETRIC

+/-10° ADJUSTMENT

In 5° increment rotation

75° FWHM
Peak 45°

60°

SYMMETRIC

+/-10° ADJUSTMENT

In 5° increment rotation

60° 60°

60°
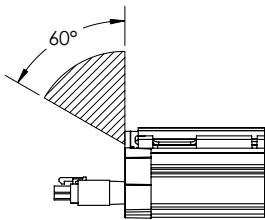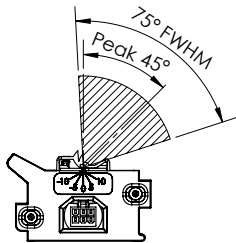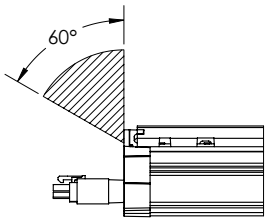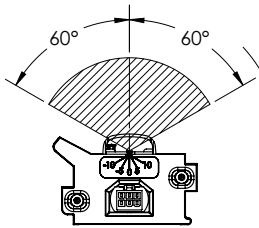
INTELLIGENT LUMINAIRE TECH GUIDE

Choose nomenclature from these columns

	Minimum Dimming Level		Control Input		Driver	Dimming Range	Notes
Driver Configurations for MARKCOVE MCVE	MIN5	+	ELV	=	ERP POWER Constant Current Driver	100 to 1%	ELV Dimming
	MIN1	+	ZT	=	eldoLED ECOdrive	100 to 1%	Linear dimming
	MIN1	+	DALI	=	DALI compatible, eldoLED ECOdrive	100 to 1%	Compatible with DALI. Linear dimming
	MIN1	+	NLIGHT	=	eldoLED ECOdrive	100 to 1%	Linear dimming
	MIN1	+	NLTAIR2	=	eldoLED ECOdrive	100 to 1%	Linear dimming
	MIN1	+	ECOD	=	LUTRON EcoSystem	100 to 1%	*For 2FT Units = LUTRON Hi-Lume Premier 0.1% EcoSystem LED Driver with Soft-on, Fade-to-Balck (model PEQO) *For 3FT & 4FT Units = LUTRON Hi-lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black (model LDE1)
	DARK	+	ZT	=	eldoLED SOLOdrive	100 to 0.1%	Linear dimming
	DARK	+	DALI	=	DALI compatible, eldoLED ECOdrive	100 to 0.1%	Compatible with DALI. Linear dimming
	DARK	+	NLIGHT	=	eldoLED SOLOdrive	100 to 0.1%	Linear dimming
	DARK	+	NLTAIR2	=	eldoLED SOLOdrive	100 to 0.1%	Linear dimming

SYSTEM WIRING (WHEN NOT USED WITHIN MCVE COVE EXTRUSION)

Basic system wiring diagram provides an overview of components and materials required for a simple installation of MCV504 luminaires controlled by building system power (By Others). These diagrams should not be used in place of actual installation instructions or submittal drawings prepared for a specific project.

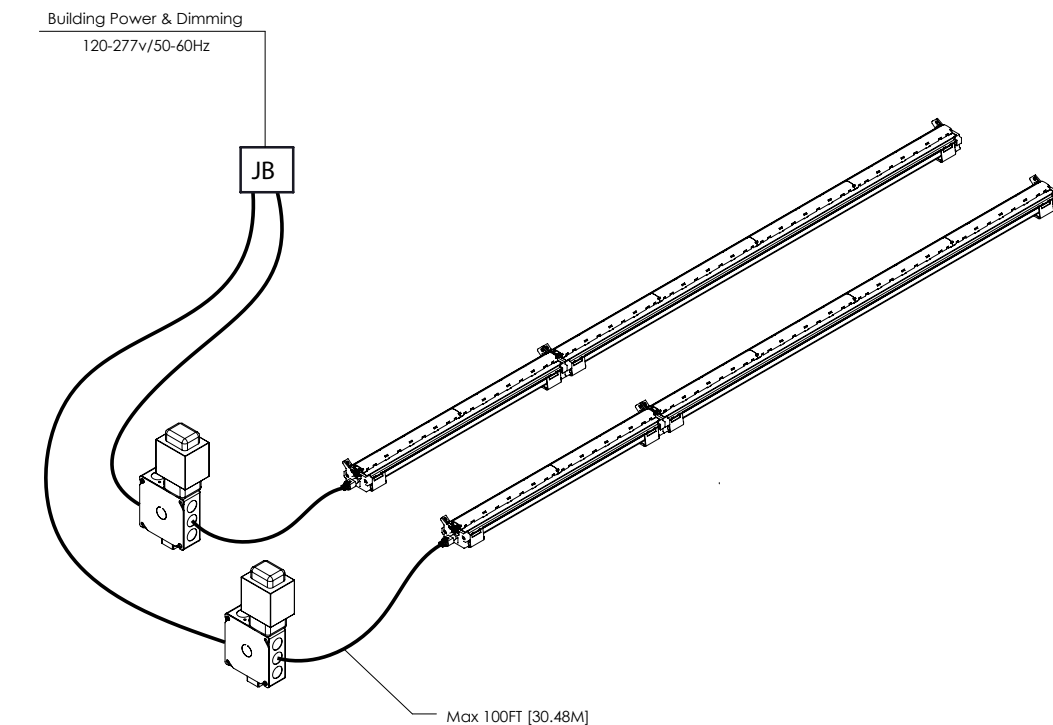**For Non-Dimming, 0-10v Dimming, ELV, DALI, and ECOD Lutron 3-foot & 4-foot units in run only**

Building Power & Dimming
120-277v/50-60Hz

JB

BLACK Power (Line)
WHITE   Power (Common)
GREEN   Ground
GRAY/PINK   0-10v (Dimming -)
PURPLE   0-10v (Dimming +)
Cap RED wire in junction box (not used)

*When not using 0-10v dimming, cap GRAY/PINK and PURPLE separately in junction box.

Model	Voltage	LED Color	Maximum Run Length (FT)
MCV504	120	RED	112
		GRN	92
		BLU	85
		AMB	108
	277	RED	259
		GRN	212
		BLU	195
		AMB	250

*If ordered with NLTAIR2 or NLIGHT, run length limited to 16 fixtures per powered run

For 2-foot fixture with ECOD in run
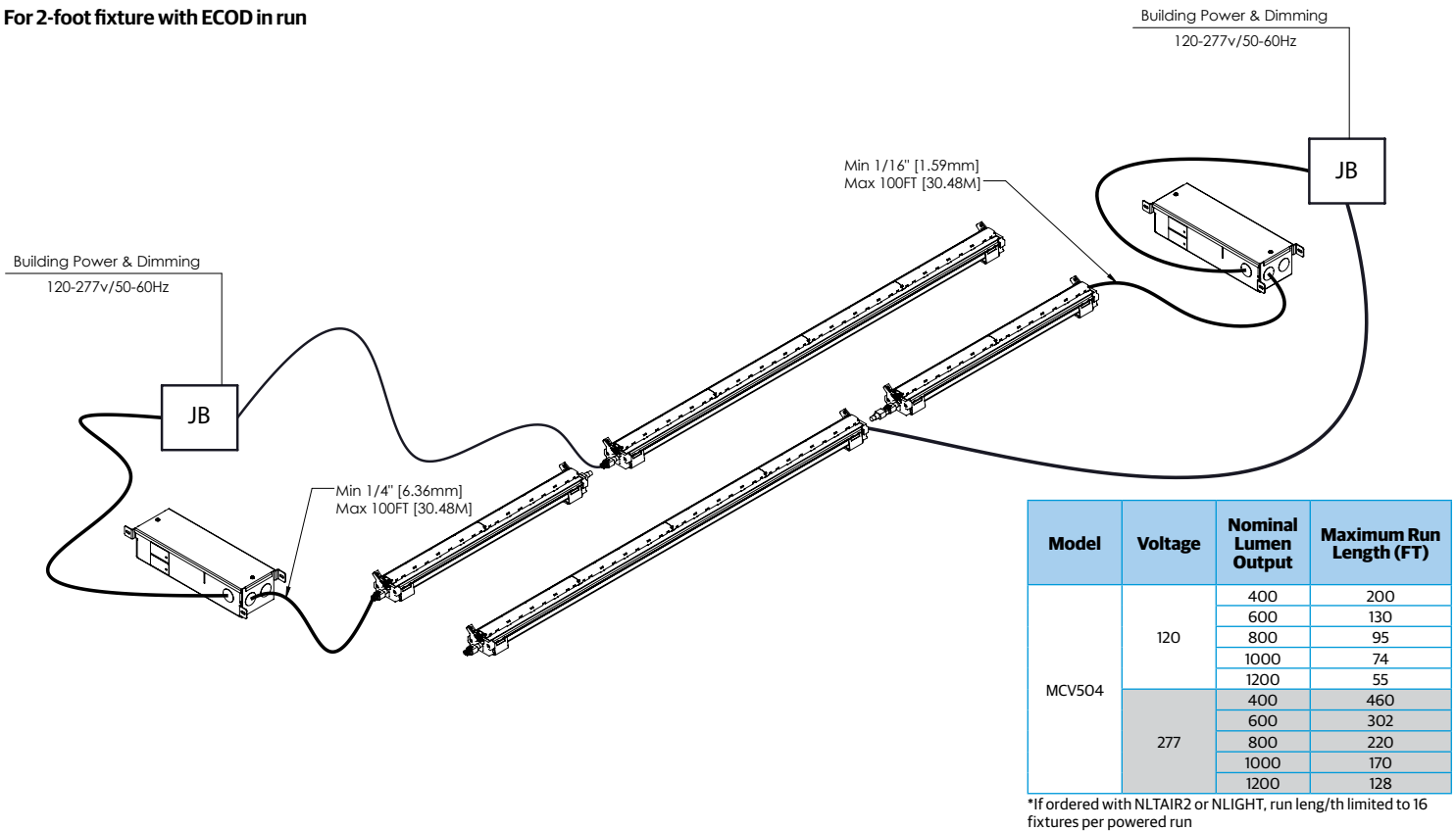
Building Power & Dimming
120-277v/50-60Hz

JB

Min 1/16" [1.59mm]
Max 100FT [30.48M]

Building Power & Dimming
120-277v/50-60Hz

JB

Min 1/4" [6.36mm]
Max 100FT [30.48M]

Model	Voltage	Nominal Lumen Output	Maximum Run Length (FT)
MCV504	120	400	200
		600	130
		800	95
		1000	74
		1200	55
	277	400	460
		600	302
		800	220
		1000	170
		1200	128

*If ordered with NLTAIR2 or NLIGHT, run leng/th limited to 16 fixtures per powered run

SYSTEM WIRING (WHEN NOT USED WITHIN MCVE COVE EXTRUSION)

Basic system wiring diagram provides an overview of components and materials required for a simple installation of MCV504 luminaires controlled by building system power (By Others). These diagrams should not be used in place of actual installation instructions or submittal drawings prepared for a specific project.

For runs with nLight or nLight Air options

Building Power & Dimming
120-277v/50-60Hz

JB

Max 100FT [30.48M]
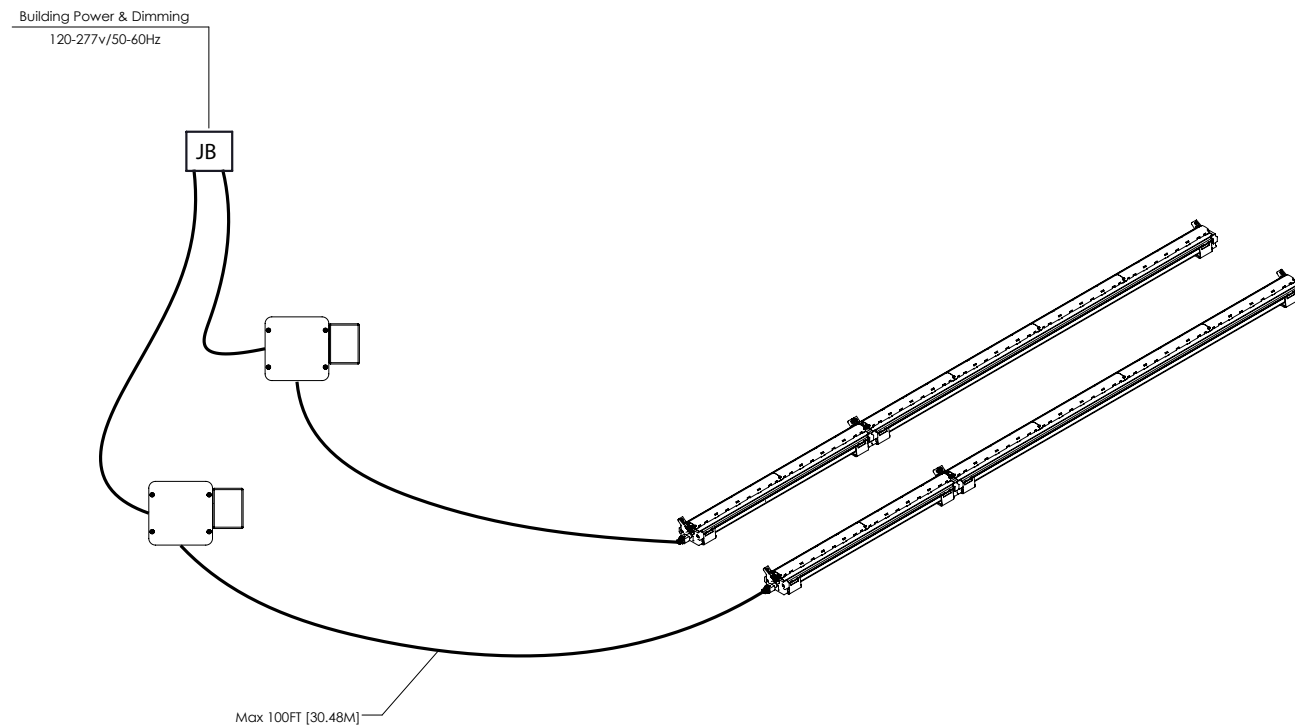
For runs with 347v options

Building Power & Dimming
120-277v/50-60Hz

JB

Max 100FT [30.48M]

ACCESSORY OPTIONS

Conduit Whip Box
Required when using MARKCOVE MKCE cove extrusion
*Minimum of one required per fixture run

Series	
MCVFWP	Conduit Whip
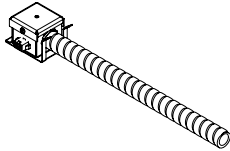
Conduit whip box allows for proper wire termination from building supply wire, through wall, into extrusion, and to fixture run

Feed Cable, Left Feed (Female Plug)
*Minimum of one required per fixture run when not using MARKCOVE MKCE cove extrusion

Series	
MFCLC10L	Left 10FT Feed Cable (Female)
MFCLC25L	Left 25FT Feed Cable (Female)
MFCLC50L	Left 50FT Feed Cable (Female)
MFCLC100L	Left 100FT Feed Cable (Female)

Carries 120-277 line voltage power to left end of first fixture in run.

Use one feed cable per run only.

6" [152.40mm]

10FT	[3.05M]
25FT	[7.62M]
50FT	[15.24M]
100FT	[30.48M]
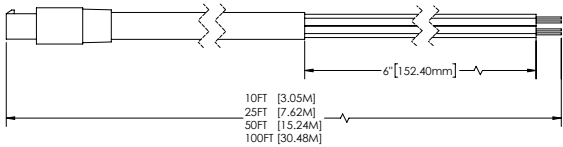
Feed Cable Right Feed (Male Plug)
*Minimum of one required per fixture run when not using MARKCOVE MKCE cove extrusion

Series	
MFCLC10R	Right 10FT Feed Cable (Male)
MFCLC25R	Right 25FT Feed Cable (Male)
MFCLC50R	Right 50FT Feed Cable (Male)
MFCLC100R	Right 100FT Feed Cable (Male)

Carries 120-277 line voltage power to right end of first fixture in run.

Use one feed cable per run only.

6" [152.40mm]

10FT	[3.05M]
25FT	[7.62M]
50FT	[15.24M]
100FT	[30.48M]
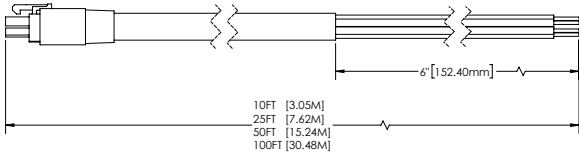
Wire Splice Box, Left Feed (Female Plug) *Optional*
*Minimum of one wire splice box, left or right, per fixture run when not using MARKCOVE MKCE extrusion

Series	
MCVFBXL	Wire Splice Box Left
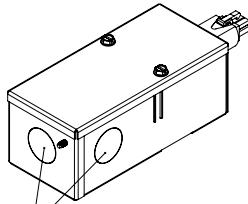
7/8" KNOCKOUT

Replaces feed cable for areas where flexible cord cannot be used to bring 120-277 line voltage power to left end of first fixture in run. Box allows 1/2" NPT conduit fitting connection and area for building wire splice connections.

Use one wire splice box per run only.

Wire Splice Box, Right Feed (Male Plug) *Optional*
*Minimum of one wire splice box, left or right, per fixture run when not using MARKCOVE MKCE extrusion

Series	
MCVFBXR	Wire Splice Box Right
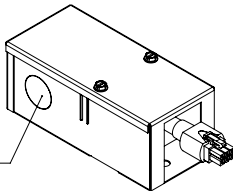
7/8" KNOCKOUT

Replaces feed cable for areas where flexible cord cannot be used to bring 120-277 line voltage power to right end of first fixture in run. Box allows 1/2" NPT conduit fitting connection and area for building wire splice connections.

Use one wire splice box per run only.

ACCESSORY OPTIONS

Jumper Cable *Optional*

Series	
MJCLC100	100FT Jumper Cable
MJCLC4	4FT Jumper Cable
MJCLC2	2FT Jumper Cable
MJCLC4IN	4 Inch Jumper Cable
MJCLC8IN	8 Inch Jumper Cable
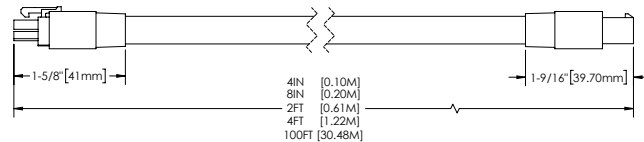
Carries 120-277 line voltage power between two units in a run when larger spacing or corner turn between units is required. Jumpers may be plugged together to create longer jumper. For every jumper-to-jumper connection, calculate as a 2-foot fixture to apply proper voltage drop.

DRAWING DETAILS

MCV504 Asymmetric & Symmetric
(When mounting into MCVE Extrusion)
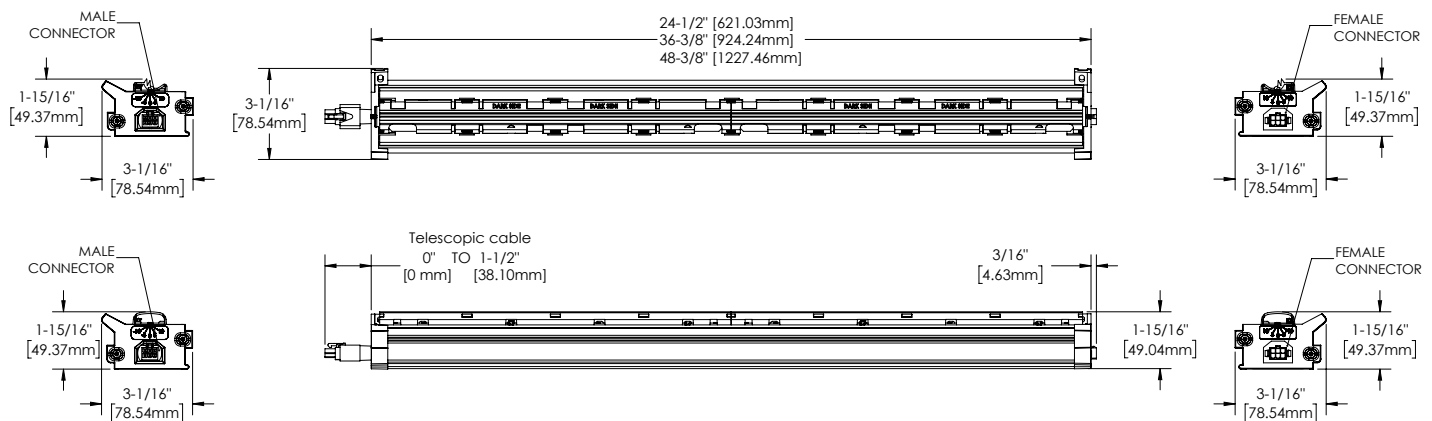
MCV504 Asymmetric & Symmetric
(With MCFMC fixed mount bracket)

MCV504_STWH_STCLR 04/02/24
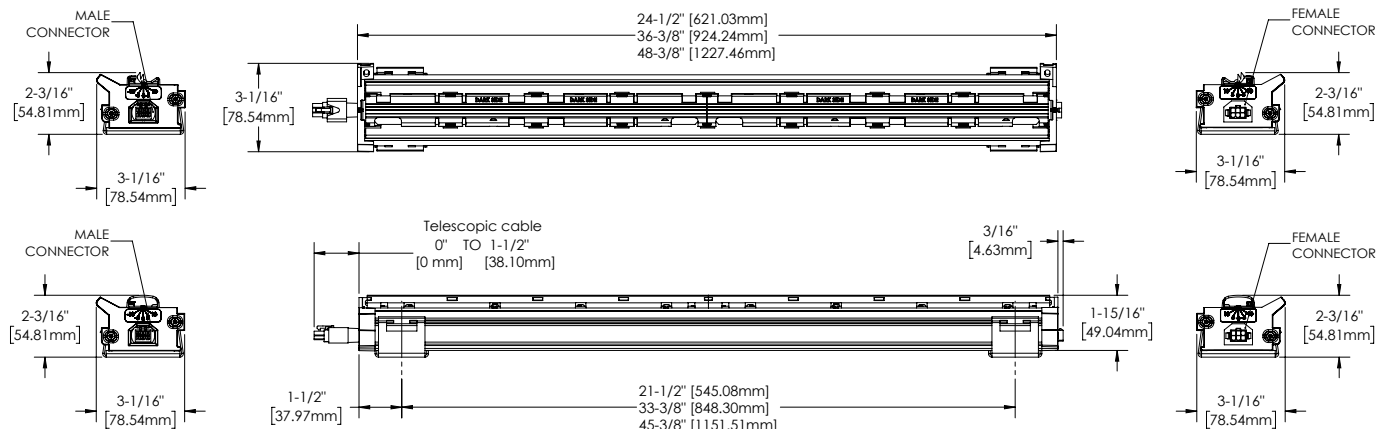
DRAWING DETAILS (CONTINUED)

MCFMC Fixed Mount Clip
*For use when NOT mounting within MCVE Cove Extrusion
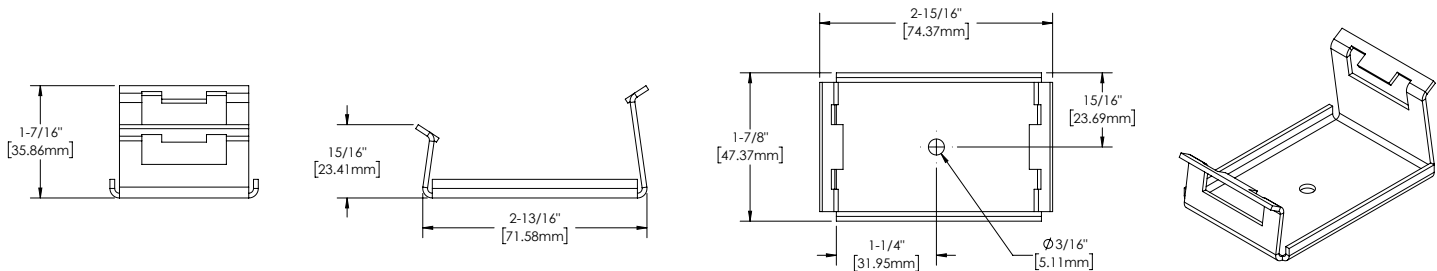
MCVFBXL / MCVFBXR Wire Splice Box
(Same dimensions apply for left or right feed)
For use when NOT mounting within MCVE Cove Extrusion
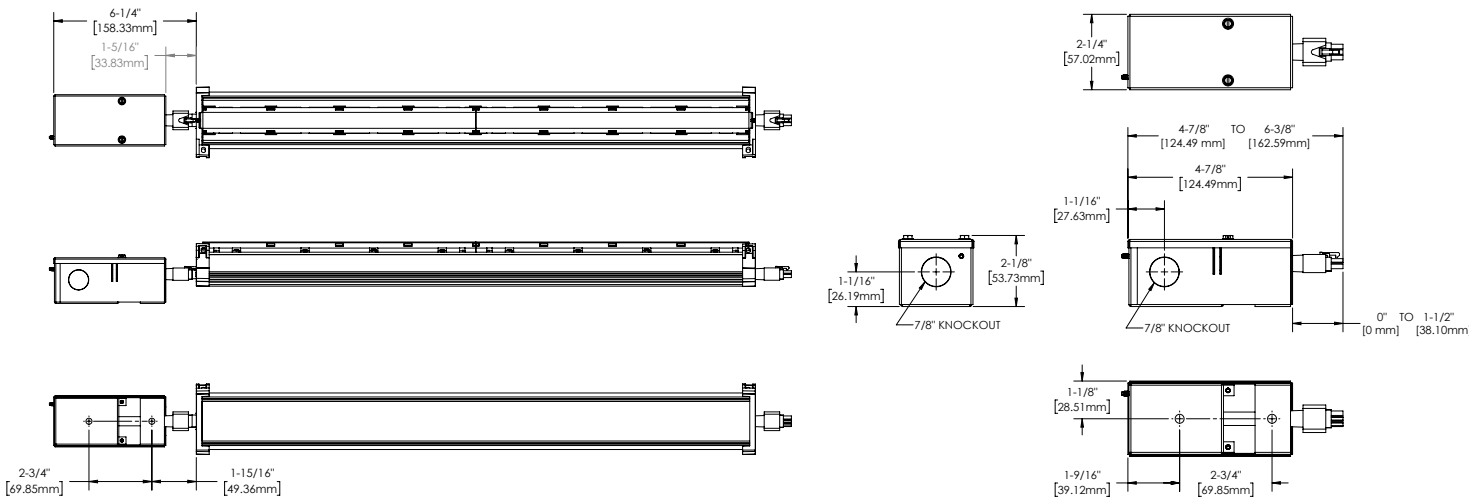
MRDBXC NLIGHT or NLTAIR2 - Remote box
For applications WITH or WITHOUT using MARKCOVE MCVE cove extrusion
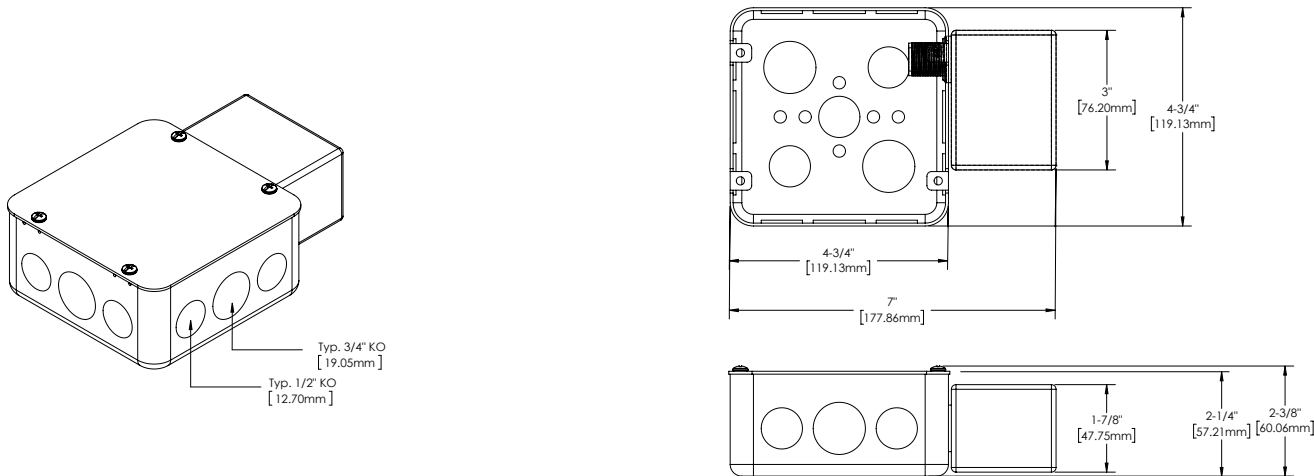
DRAWING DETAILS (CONTINUED)

MRDBXC NLIGHT CP & NLTAIR2 CP - Remote box with Chicago Plenum option
For applications WITH or WITHOUT using MARKCOVE MCVE cove extrusion

Typ. 3/4" KO [19.05mm]
Typ. 1/2" KO [12.70mm]

4-3/4" [119.13mm]
4-3/4" [119.13mm]
9-3/8" [238.25mm]
2-1/4" [57.21mm]
2-3/8" [60.06mm]

Typ. 3/4" KO [19.05mm]
Typ. 1/2" KO [12.70mm]

3" [76.20mm]
4-3/4" [119.13mm]
4-3/4" [119.13mm]
9-3/8" [238.25mm]
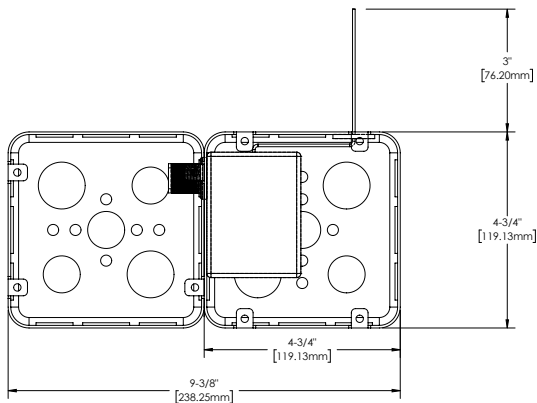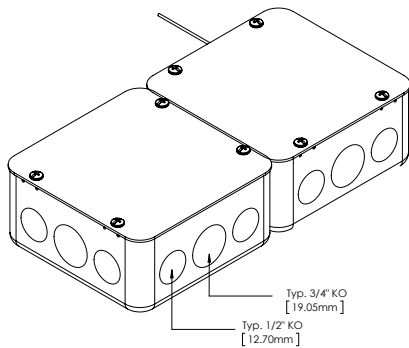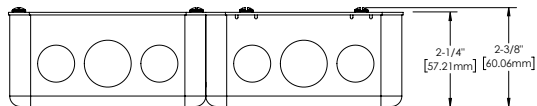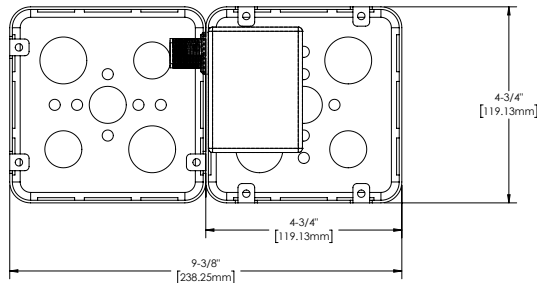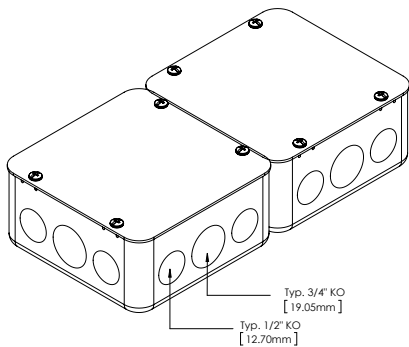
MRTBX - Remote 347v Transformer Box
For applications WITH or WITHOUT using MARKCOVE MCVE cove extrusion
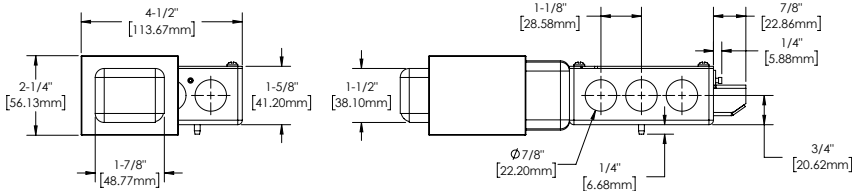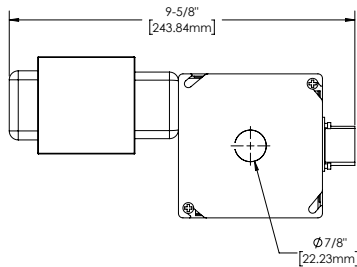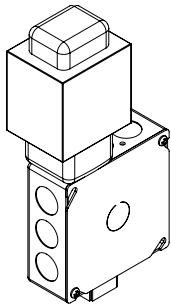
9-5/8" [243.84mm]
Ø 7/8" [22.23mm]

4-1/2" [113.67mm]
2-1/4" [56.13mm]
1-5/8" [41.20mm]
1-7/8" [48.77mm]

1-1/8" [28.58mm]
7/8" [22.86mm]
1/4" [5.88mm]
1-1/2" [38.10mm]
Ø 7/8" [22.20mm]
1/4" [6.68mm]
3/4" [20.62mm]

DRAWING DETAILS (CONTINUED)

MRDBXC ECOD - Remote box for LUTRON driver with 2-foot unit only
For applications WITH or WITHOUT using MARKCOVE MCVE cove extrusion
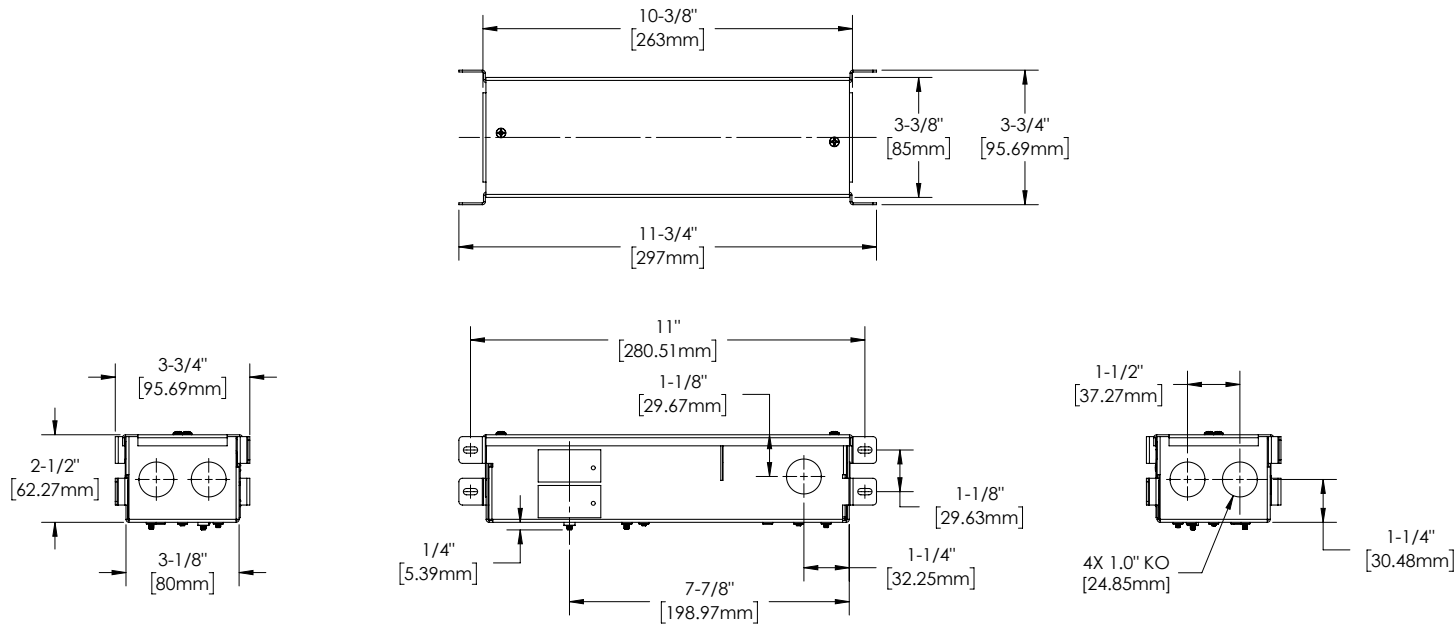
Conduit Whip Box - REQUIRED when using MARKCOVE MCVE cove extrusion
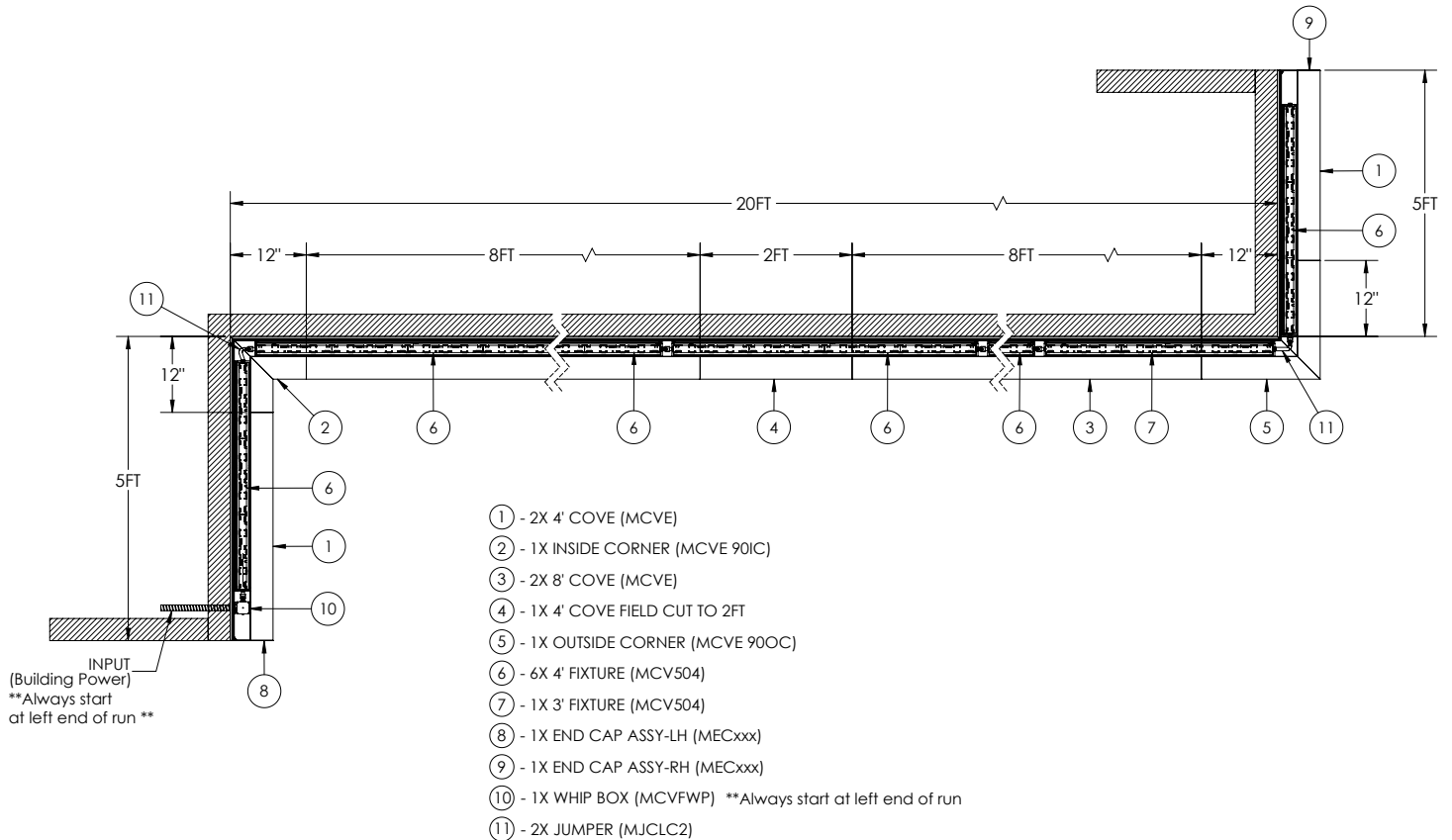*Minimum of one required per fixture run ALWAYS located on left end of run (Painted white box)
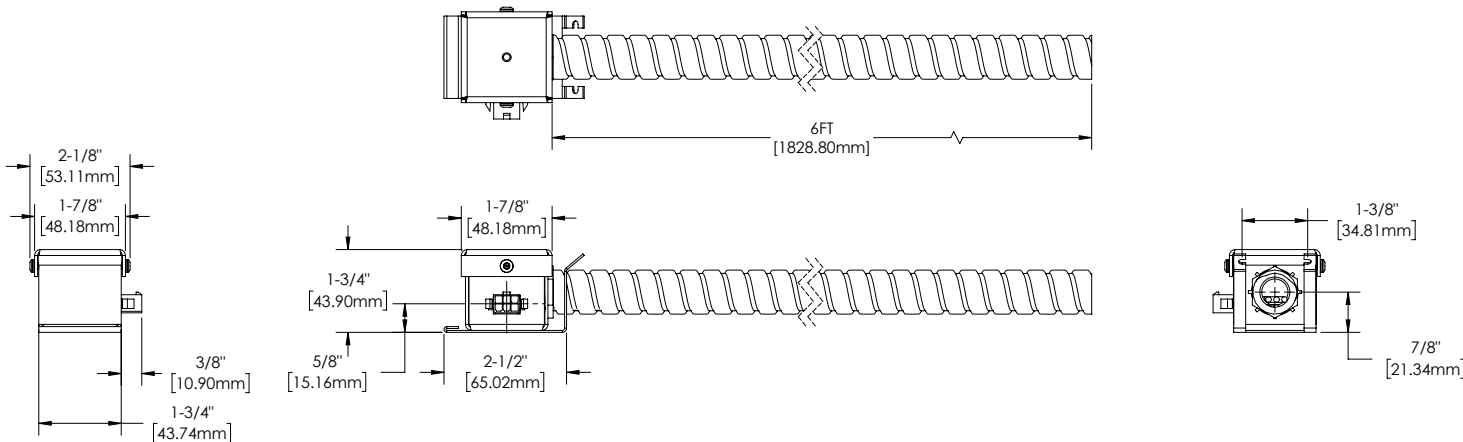
COORDINATED INSTALL WITH MCVE COVE EXTRUSION

Installation of MARKCOVE MCV504 Integrated Cove Luminaire

6-32 FASTENER

FIXTURE FEET

2-1/8"
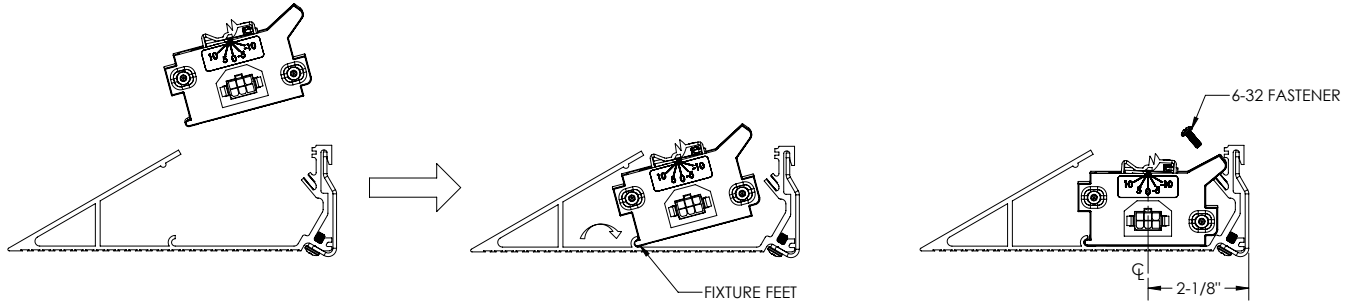
FULL SYSTEM COVE/LUMINAIRE CONFIGURATION

*Reference separate spec sheet and installation documents for additional MCVE Extrusion and MCV504 Luminaire details.

20FT

12"   8FT   2FT   8FT   12"

5FT

12"

12"

5FT

INPUT
(Building Power)
**Always start
at left end of run **

① - 2X 4' COVE (MCVE)

② - 1X INSIDE CORNER (MCVE 90IC)

③ - 2X 8' COVE (MCVE)

④ - 1X 4' COVE FIELD CUT TO 2FT

⑤ - 1X OUTSIDE CORNER (MCVE 90OC)

⑥ - 6X 4' FIXTURE (MCV504)

⑦ - 1X 3' FIXTURE (MCV504)

⑧ - 1X END CAP ASSY-LH (MECxxx)

⑨ - 1X END CAP ASSY-RH (MECxxx)

⑩ - 1X WHIP BOX (MCVFWP) **Always start at left end of run

⑪ - 2X JUMPER (MJCLC2)

SPECIFICATIONS

Housing
Extruded aluminum housing with fabricated steel gear tray and composite endcaps

Optic
Injection molded acrylic optic (ASYM) or injection molded clear acrylic diffuser (120X120DEG)

Finish
Polyester powder coat paint finish in Semi-Gloss White color for housing and gear tray. Composite endcaps are supplied in natural white material. Consult factory for custom colors or specify RAL colors from Architectural brochure.

Mounting
Mounts directly into MARKCOVE MCVE cove extrusion or on any flat surface via MCFMC fixed mount clip accessory

Source
Five LED lumen packages provided for five available color temperatures (2700K, 3000K, 3500K, 4000K, and 5000K) in two CRI (80 or 90) options – LED color variation no greater than a 1.5 MacAdam ellipse from board-to-board. Also available in four available static colors: RED (623nm), GREEN (528nm), BLUE (470nm), and AMBER (590nm).

LED Life
LED light engine — consisting of linear LED boards of 12 LEDs per 12 inches Static white LEDs are rated for 80,000 hours (L80) at +25° C ambient temperature. The color LEDs are rated for 120,000 hours (L70) at +25 °C ambient temperature.

Voltage
120 through 277v in 50 to 60Hz; 347v available with supplied remote transformer

Controls and System Networking Options
Optional integrated nLight® controls make each run addressable - allowing it to digitally communicate with other nLight enabled controls such as dimmers, switches, occupancy sensors, and photocontrols. Connection to nLight is simple. It can be accomplished with remote nLight AIR wireless or through standard Cat-5 cabling. (cabling "by others") nLight offers unique plug-and-play convenience as devices and luminaires automatically discover each other and self-commission, while nLight AIR is commissioned easily through an intuitive mobile app.

Dimming Driver
eldoLED® driver provides smooth, continuous, flicker-free dimming to dark <1%. THD: < 20%. Insignificant inrush current at 120 and 277VAC. FCC Class A and B tested for EMI and RFI. Driver will be set for Linear dimming curve.

Other dimming selections, 0-10V, DALI, ELV, and Lutron high-performance driver options, also available.

Environment
Suitable for dry or damp location

Certification
CSA Certified to meet U.S. and Canadian standards conforming to UL 1598 and CAN/CSA C22.2 No. 250.0

Compliance
Buy American Act compliant

Government Procurement
BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS.
Product also qualifies as manufactured in the United States under DOT Buy America regulations.
BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.
Please refer to www.acuitybrands.com/buy-american for additional information.

Warranty
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application.
All values are design or typical values, measured under laboratory conditions at 25 °C.
Specifications subject to change without notice.

A+ Capable Luminaire
This item is an A+ capable luminaire, which has been designed and tested to provide consistent color appearance and out-of-the-box control compatibility with simple commissioning.

- All configurations of this luminaire meet the Acuity Brands' specification for chromatic consistency

- This luminaire is part of an A+ Certified solution for nLight® control networks when ordered with drivers marked by a shaded background*

- This luminaire is part of an A+ Certified solution for nLight control networks, providing advanced control functionality at the luminaire level, when selection includes driver and control options marked by a shaded background*

To learn more about A+,
visit www.acuitybrands.com/aplus.

*See ordering tree for details