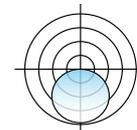


CONTOUR-MLS RECESSED MOUNT



ESTEE LAUDER OFFICES, NYC

The Mercury Lighting CONTOUR series showcases specificable, modern curves in recessed and pendant versions. The fluid shapes offer soft, even lighting, ideal for architectural settings.



Direct
opal diffuser

MATERIAL

Extruded aluminum / powder coat finish

STANDARD COLORS

White / Black / Gray

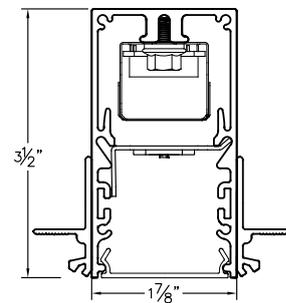
SOURCE INFORMATION

LUMENS/FT	Up to 1200 lm/feet
CRI	80 CRI standard. 90 CRI available
INPUT VOLTAGE	120-277V
IP RATING	20

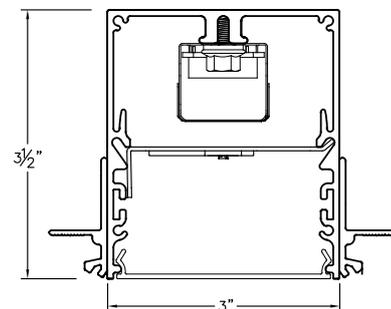


DIMENSIONS

MLS2-CTR



MLS3-CTR



Fixture type:

Job information:

PRODUCT DEFINITION SHEET

Ex: MLS2-CTR-N5-O24/48-90-72-400-30K-W-1-U-EM10-SR-AU

1	2	3	4	5	6	7	8	9	10	11	12	13
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1	2	3	4	5
SERIES	MOUNTING	SHAPE (ENTER LENGTH IN PRODUCT CODE ABOVE)	CORNER ANGLE	CORNER RADIUS
<input type="checkbox"/> MLS2-CTR	<input type="checkbox"/> N5 Trimless Plaster-In for 5/8" Drywall	<input type="checkbox"/> Q__ Square Configuration (enter side length A, ex: Q18)	<input type="checkbox"/> 30°	<input type="checkbox"/> 12"
<input type="checkbox"/> MLS3-CTR	<input type="checkbox"/> N1 Trimless Plaster-In for 1/2" Drywall	<input type="checkbox"/> R__/_ Rectangular Configuration (enter side lengths A and B, ex. R12/24)	<input type="checkbox"/> 45°	<input type="checkbox"/> 18"
		<input type="checkbox"/> O__/_ Oval Configuration (enter side lengths A and B, ex. O24/48) (24" minimum for A side, see page 4)	<input type="checkbox"/> 60°	<input type="checkbox"/> 24"
		<input type="checkbox"/> L__/_ L-Shaped Configuration (enter side lengths A and B, ex. L12/24)	<input type="checkbox"/> 90°	<input type="checkbox"/> 30"
		<input type="checkbox"/> U__/_/_ U-Shaped Configuration (enter side lengths A, B, and C, ex. U12/12/24)		<input type="checkbox"/> 36"
		<input type="checkbox"/> S__/_/_ S-Shaped Configuration (enter side lengths A, B, and C, ex. S12/12/24)		<input type="checkbox"/> 48"
		<input type="checkbox"/> C Custom (Specify pattern on page 5)		<input type="checkbox"/> 60"
				<input type="checkbox"/> 72"
				<input type="checkbox"/> 84"
				<input type="checkbox"/> 96"

Lengths greater than 8' consist of multiple individual housing sections joined together. Lengths are nominal and may vary based on lamping and other specification selections. Consult Mercury when exact lengths are required.
All configurations are 90° corner only (except custom)

6	7	8	9
LUMENS/FT	COLOR TEMP-CCT	FINISH	DRIVER
ASO	80 CRI	<input type="checkbox"/> W White	<input type="checkbox"/> I 0-10V 1% Dimming
<input type="checkbox"/> 400	<input type="checkbox"/> 30K 3000K	<input type="checkbox"/> B Black	<input type="checkbox"/> IDD 0-10% Dimming Dim to Dark
<input type="checkbox"/> 500	<input type="checkbox"/> 35K 3500K	<input type="checkbox"/> G Gray	<input type="checkbox"/> eL eidoLED Solo 0.1%
<input type="checkbox"/> 625	<input type="checkbox"/> 40K 4000K	<input type="checkbox"/> Custom RAL No. _____	<input type="checkbox"/> LDE1 Lutron Hi- Lume
<input type="checkbox"/> 950*	<input type="checkbox"/> 50K 5000K Upon request	Custom powder coat color matching is available for a setup fee.	<input type="checkbox"/> - As Specified
<input type="checkbox"/> 1200**	<input type="checkbox"/> TW Tunable White 2700K-6500K	Consult Mercury Lighting for additional information.	
*For MLS2-CTR only	90 CRI		
**For MLS3-CTR only	<input type="checkbox"/> 927K 2700K		
Custom Lumen Packages. Contact Mercury Lighting.	<input type="checkbox"/> 930K 3000K		
	<input type="checkbox"/> 935K 3500K		
	<input type="checkbox"/> 940K 4000K		

OPTIONS			
10	11	12	13
VOLTAGE	STANDBY MODULES	SENSOR READY	LIGHTING CONTROLS
<input type="checkbox"/> U Uni 120-277V	<input type="checkbox"/> EM10 Emergency Battery Pack 10W	<input type="checkbox"/> SR Sensor Ready	<input type="checkbox"/> AU Autani
	<input type="checkbox"/> EM12 Emergency Battery Pack 12W	Required for Certain Controls, Contact Mercury Lighting	<input type="checkbox"/> AVI Avi-On
	<input type="checkbox"/> NO OPTION		<input type="checkbox"/> CA Casambi
			<input type="checkbox"/> LV Leviton
			<input type="checkbox"/> LT Lutron
			<input type="checkbox"/> NL nLight
			<input type="checkbox"/> PS Philips/Signify
			<input type="checkbox"/> WA Wattstopper
			<input type="checkbox"/> CU Current nx
			<input type="checkbox"/> NO No option
			<input type="checkbox"/> AU Autani
			<input type="checkbox"/> AVI Avi-On
			<input type="checkbox"/> CA Casambi
			<input type="checkbox"/> LV Leviton
			<input type="checkbox"/> LT Lutron
			<input type="checkbox"/> NL nLight
			<input type="checkbox"/> PS Philips/Signify
			<input type="checkbox"/> WA Wattstopper
			<input type="checkbox"/> CU Current nx
			<input type="checkbox"/> NO No option

Consult Mercury Lighting for further information and other options.

Mercury should be notified if the controls are to be Wireless, Networked Lighting Controls, 0-10v Dimming, DMX, etc.

If controls aren't specified, the fixture ships 0-10V, 1% dimming, unified D/I control.

CONTOUR-MLS RECESSED MOUNT

PERFORMANCE

MLS2-CTR (4FT)

Based on 4FT Module 80 CRI 35K-LV6 BOARDS

Lumens/Ft	Fixture Lumens	Watts	lm/W-LV6
400	1600	18	89
500	2000	23	87
625	2500	29	86
950	3800	47	81

Actual performance may differ by +/- 5% when operating between 120V-277V +/- 10%. Consult Factory for 90 CRI performances.

Multiplier for other Color Temp (K)

3000K	97%
3500K	100%
4000K	102%
5000K	103%



MLS3-CTR (4FT)

Based on 4FT Module 80 CRI 35K-LV6 BOARDS

Lumens/Ft	Fixture Lumens	Watts	lm/W-LV6
400	1600	15	107
500	2000	18	111
625	2500	23	109
1200	4800	48	100

Actual performance may differ by +/- 5% when operating between 120V-277V +/- 10%. Consult Factory for 90 CRI performances.

Multiplier for other Color Temp (K)

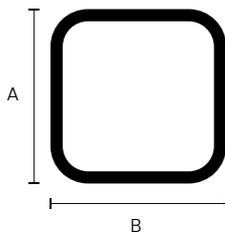
3000K	97%
3500K	100%
4000K	102%
5000K	103%



SHAPES/PATTERNS

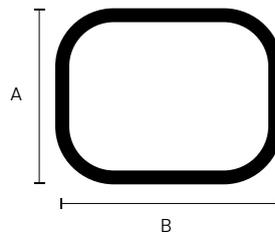
For the following shapes 90° only

For other shapes/patterns consult Mercury Lighting.



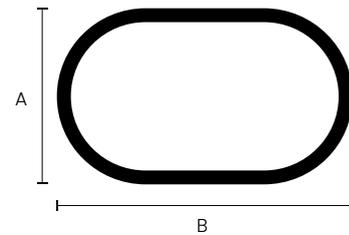
Square

(Q)



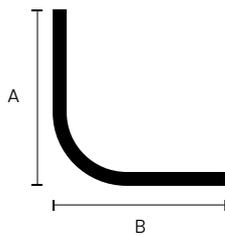
Rectangle

(R)



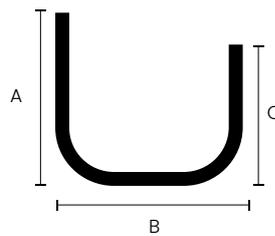
Oval

(O)



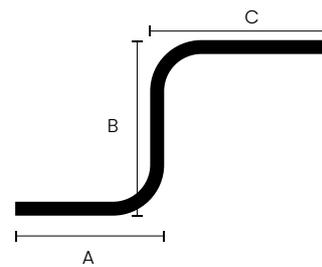
L-Shaped

(L)



U-Shaped

(U)

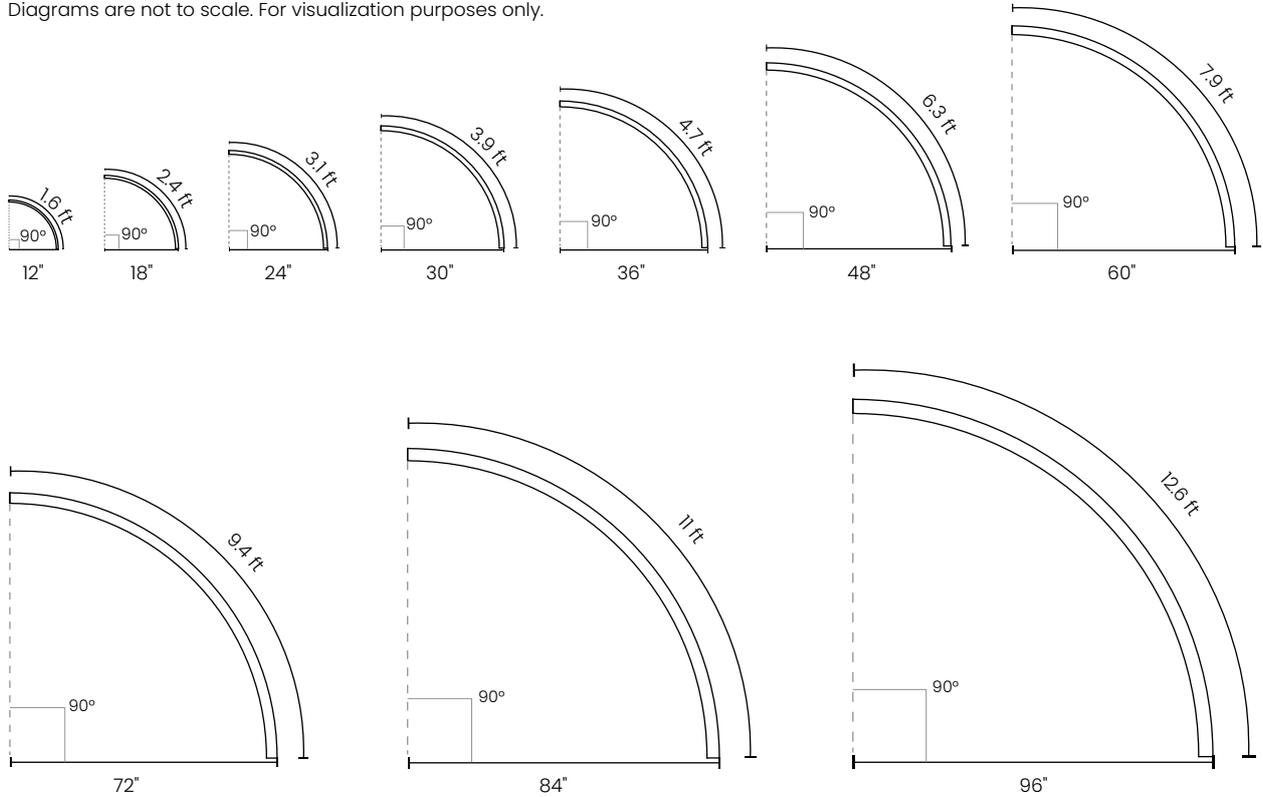


S-Shaped

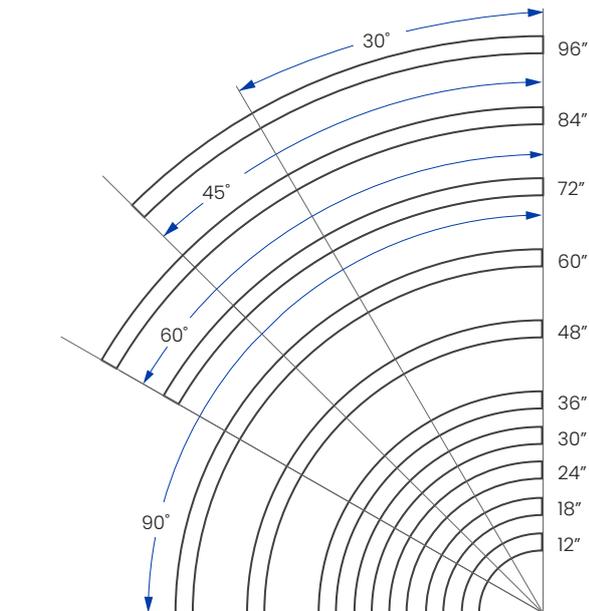
(S)

CORNER RADIUS

Diagrams are not to scale. For visualization purposes only.



CORNER ANGLE

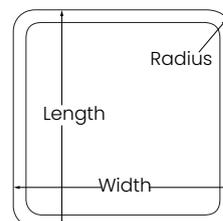


ARC LENGTH FOR CURVES

Radii (Inches)	Angle			
	30°	45°	60°	90°
Linear Feet for each angle/Radii				
12"	0.5 ft	0.8 ft	1.0 ft	1.6 ft
18"	0.8 ft	1.2 ft	1.6 ft	2.4 ft
24"	1.0 ft	1.6 ft	2.1 ft	3.1 ft
30"	1.3 ft	2.0 ft	2.6 ft	3.9 ft
36"	1.6 ft	2.4 ft	3.1 ft	4.7 ft
48"	2.1 ft	3.1 ft	4.2 ft	6.3 ft
60"	2.6 ft	3.9 ft	5.2 ft	7.9 ft
72"	3.1 ft	4.7 ft	6.3 ft	9.4 ft
84"	3.7 ft	5.5 ft	7.3 ft	11.0 ft
96"	4.2 ft	6.3 ft	8.4 ft	12.6 ft

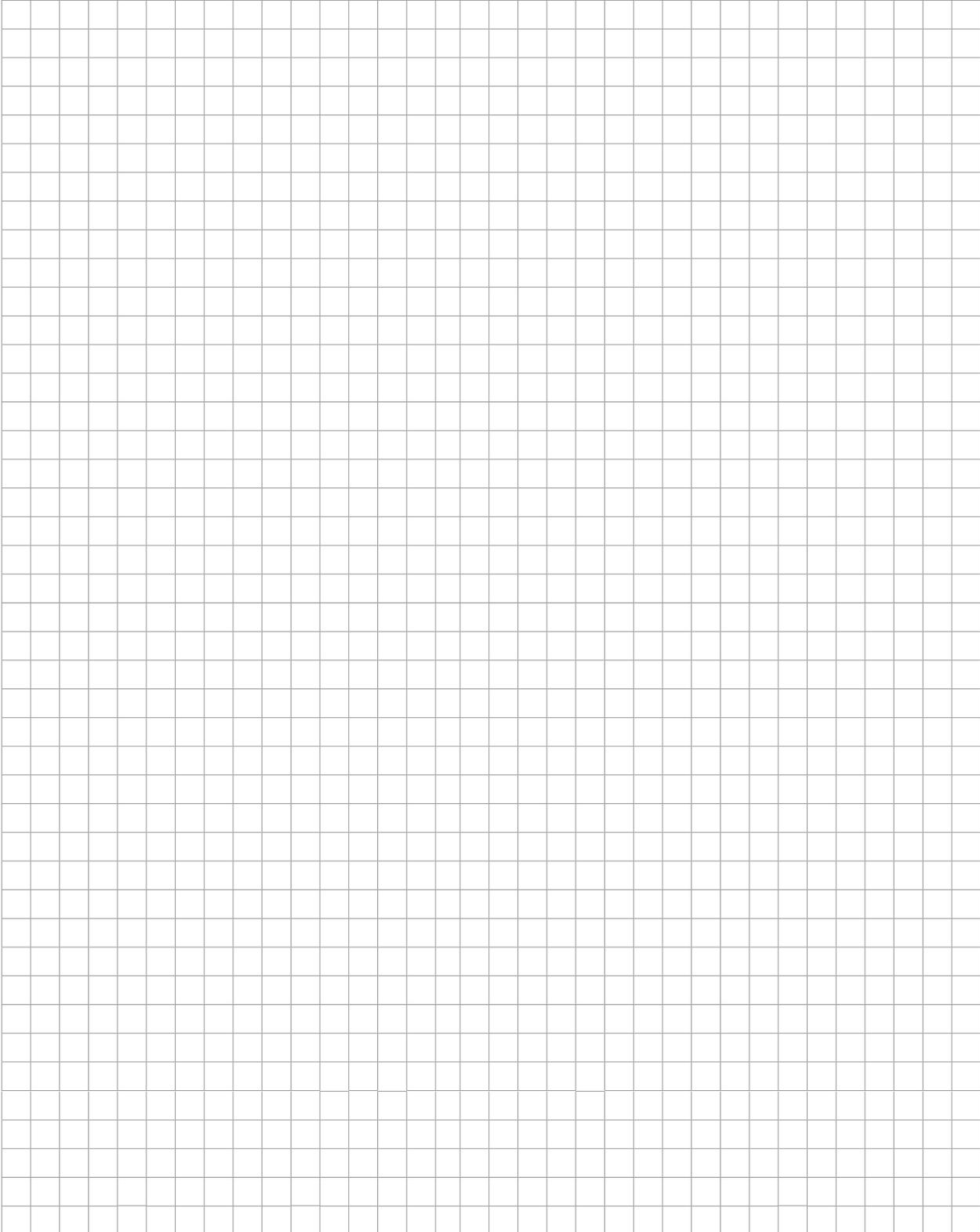
For footage calculation on custom Radii, shapes and patterns, please consult the factory.

The length, width and radius are measured to outside edge of housing



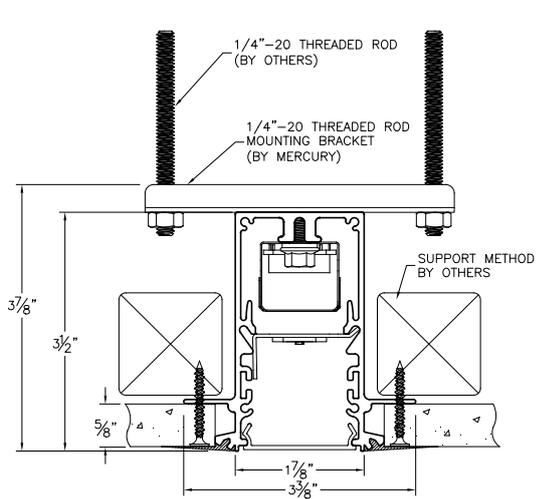
PATTERN CONFIGURATOR

Use grid below to sketch desired pattern

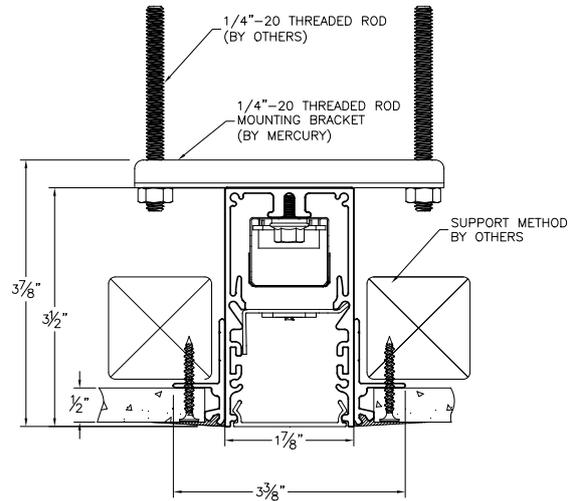


MOUNTING

MLS2-CTR

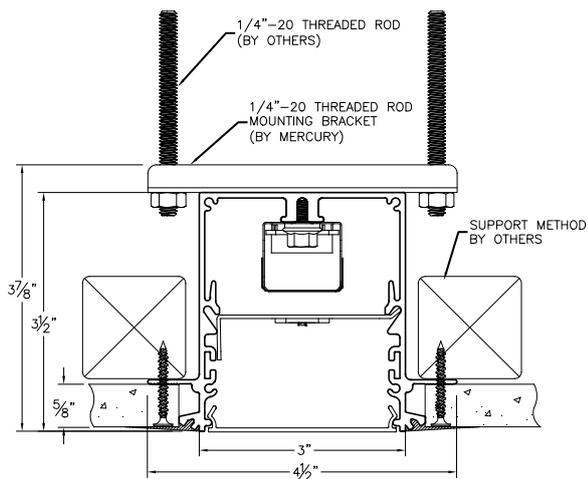


N5
TRIMLESS PLASTER-IN FOR 5/8" DRYWALL

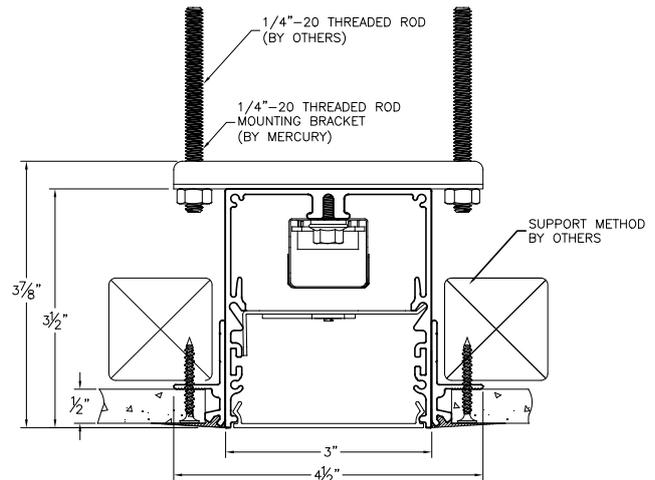


N1
TRIMLESS PLASTER-IN FOR 1/2" DRYWALL

MLS3-CTR



N5
TRIMLESS PLASTER-IN FOR 5/8" DRYWALL



N1
TRIMLESS PLASTER-IN FOR 1/2" DRYWALL

HOUSINGS

Extruded aluminum profile in a 0.080-inch wall thickness. Maximum length of each linear component is 12-ft. .060 aluminum ends are provided where needed at row termini. A one-piece 14GA galvanized steel joiner/aligner bracket is provided for each joint between housings. 18GA steel ends are provided where needed at row termini. Internal cold-rolled steel components. Housing intended for recessing of various types of ceilings systems. Trimless housing for plaster-in or overlapping flange trim. See ceiling types section. Easy-use grid pry outs provided. A custom formulated non-glare matte-white polyester powder coating provides an extremely durable and long-lasting finish.

DIFFUSERS

Seamless fit diffusers. Flawless and consistent end-to-end fit. Standard direct diffuser: made from custom formulated high transmission white acrylic material. Allows maximum light transmission while eliminating pixilation and hot spots. Optional direct diffuser: made from acrylic smooth opal material. Offers a more esthetically white appearance. Note: reduces performance by up to 25%. Smooth finish on both diffusers compliments the architectural elements. Standard indirect diffuser: custom extruded batwing-type that spreads the light in a very consistent and wide beam of illumination. **ASO diffuser:** extruded from custom formulated smooth opal acrylic material. Specify when a more esthetically white appearance is desired. Note: reduces performance by up to 25%. Smooth finish on both diffusers compliments the architectural elements.

LED MODULES

High performance linear configured LED module boards. Each board consists of multiple mid-power, high efficacy LEDs in a precise layout eliminating the need for supplemental heat sinking. The boards produce an even and diffuse light which maximizes optical efficiency. Compatible with the dimming performance of the LED driver. Color temperatures available 90 CRI: 3000K, 3500K and 4000K.

TUNABLE WHITE & RGBW OPTION

Tunable White range: 2700K-6500K. 90CRI.
RGBW range: 3000K, 3500K and 4000K. 90CRI.

LED DRIVERS

Factory programmable constant current LED power supply. Multiple standard drive current outputs (factory set by Mercury) are cataloged with their corresponding lumens per-foot offering. Upon request, custom drive current outputs and lumens-per-foot options are available. Note: Certain cataloged lumens-per-foot offerings may be provided with a non-programmable constant current LED power supply at Mercury's discretion. Contact factory if critical. Universal voltage input, 120V-277V, 50HZ-60HZ. Continuous dimming capability down to 1%-standard. 0.1% available upon request. Dim to Dark option available upon request. Sensor ready (SR) drivers compatible with most lighting controls are optional. Consult factory.

STANDBY LIGHTING OPTIONS

Self-contained module, 10W or 12W as specified. Battery backup upon loss of power. Available in modules of 4-ft. and longer. (Limited to 625 or 900 Lumens per foot packages).

INTEGRAL LIGHTING OPTIONS

Various lighting controls and sensors are optional. Consult factory.

INSTALLATIONS

Designed for recessed installation into drywall type ceiling systems. See ceiling types section for typical installations. Trimless housing requires plastering-in after installation. Overlapping trim neatly closes off drywall opening. For all recessed grid applications see appropriate specification sheets for those ceiling types. Lengths of 12-ft. and less to use one housing with two ends pre-installed. Lengths over 12-ft. will be engineered to job requirements using multiple housings with one end pre-installed at each row end. Lengths over 12-ft. will include appropriate job required quick-connect plug-thru wire harnesses and housing joiners. Wiring access plate provided on top. End plates have 7/8" KO.

CERTIFICATE OF SAFETY COMPLIANCE AND LISTINGS

Luminaire: UL and CUL listed 1598 and bears their label. Suitable for damp locations. Optional: Suitable for wet locations marking is available. Some limitations apply. Contact factory for all details. CCEA option meets the City of Chicago Environmental Air specifications.

WARRANTY

5-year limited warranty is standard. Special 10-year warranty available on a job-to-job basis. Complete LED warranty terms available at www.merclt.com. Actual performance may differ as a result of end-user environment and application. Most LED luminaires are suitable to operate in ambient temperatures from -20C (-4F) to 25C (77F). The following exclusions apply: Luminaires with optional standby lighting option, integral lighting controls options, or wireless control options. Consult factory. LM-79 testing was measured under a controlled 25C (77F) ambient operating temperature.