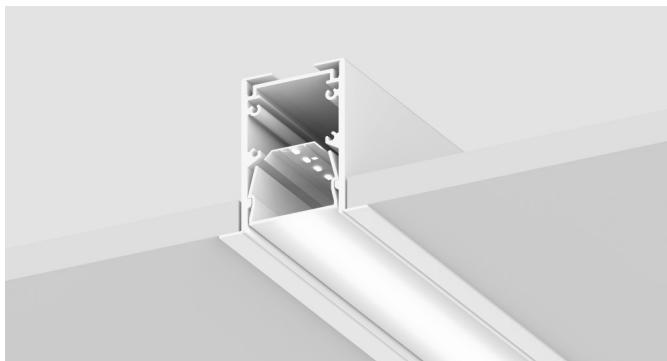
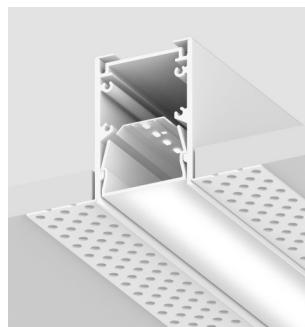
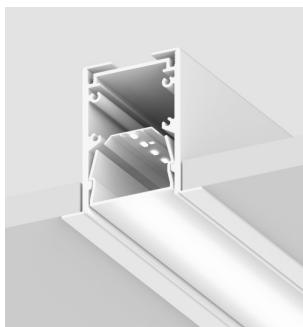


Type:	
Project:	
REP/Agent:	
Order #:	

## MED BEAM



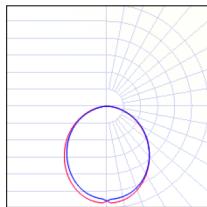
## OPTIONS



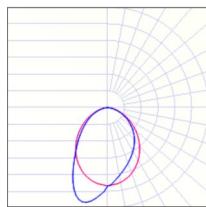
## FEATURES

- ★ 2', 4', 6' and 8' individual units, or continuous row
- ★ Efficacy up to 130 lm/W
- ★ Anti-Microbial powder coat finishes standard
- ★ 0-10v dimming is standard\*\*
- ★ Dim to 1% of output current is standard
- ★ 90 CRI (R9 50min) available
- ★ CA Title 24 / JA8 installation compatible
- ★ Extruded aluminum single piece housing
- ★ Linear runs with proprietary joiner design
- ★ Light levels can be set at the factory
- ★ Soft diffuse direct lighting
- ★ Approved for wet locations

## DISTRIBUTION

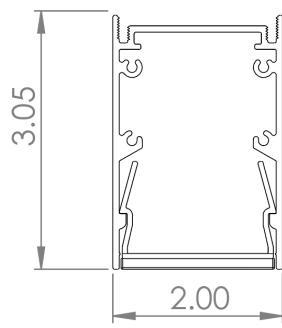


SD= Satin Diffuse



AS= Asymmetrical

## DIMENSIONS



Type:	
Project:	
REP/Agent:	
Order #:	

# MED BEAM

MDBEAM					
SERIES	LENGTH	LUMENS PER FOOT	DISTRIBUTION	CCT	CRI
MDBEAM	<b>XX</b> = Run Length <b>Sxx</b> = Symmetric Run Length	<b>350</b> = 350 LPF <b>500</b> = 500 LPF <b>750</b> = 750 LPF <b>1000</b> = 1000 LPF <b>XXX</b> = Custom LPF	<b>SD</b> = Satin Ice Diffuse <b>AS</b> = Asymmetrical	<b>30K</b> = 3000K <b>35K</b> = 3500K <b>40K</b> = 4000K <b>50K</b> = 5000K	<b>80</b> = 80 <b>90</b> = 90 (R9 50 min)

FINISH	MOUNTING	POWER ENTRY	VOLTAGE	ELECTRICAL
<b>STANDARD ANTI-MICROBIAL</b> <b>PWM</b> = Powder Coat White <b>PBM</b> = Powder Coat Black	<b>COSMETIC BEZEL</b> <b>CB</b> = Cosmetic Bezel (Screw/Rod Mount) <b>CBY</b> = Cosmetic Bezel (Yoke Mount)	<b>T</b> = Top Feed	<b>U</b> = 120-277	<b>1C</b> = Single Circuit <b>MC</b> = Multiple Circuits (multiple switch legs across run length) <b>EC</b> = Emergency Circuit (separate power drops for EC fixtures)
	*NOTE: Bezel color will match fixture color unless otherwise specified, consult factory for options.			
	<b>SPACKLE FLANGE</b> <b>SF</b> = Spackle Flange (Screw/Rod Mount) <b>SFY</b> = Spackle Flange (Yoke Mount)			
	<b>TRIMLESS</b> <b>TR</b> = Trimless (Screw/Rod Mount)			

OPTIONS
---------

## BATTERIES

**#EMB10**= 10W EM Battery (Iota/Bodine)

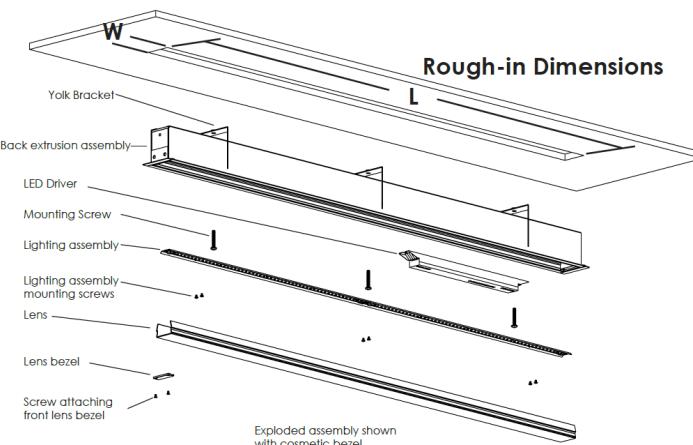
## SURGE PROTECTOR

**SRG**= Surge Protector

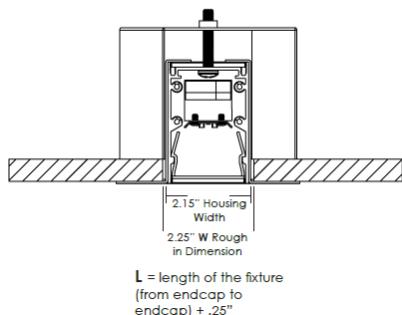
## EMI FILTER

**RIF**= Radio Frequency Interference Filter

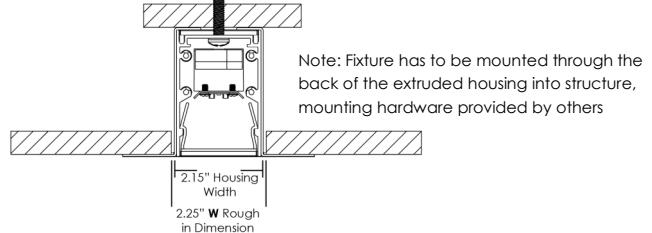
**EXAMPLE: MDBEAM-40-750-SD-35K-80-PW-CB-T-U-1C-1EMB10**



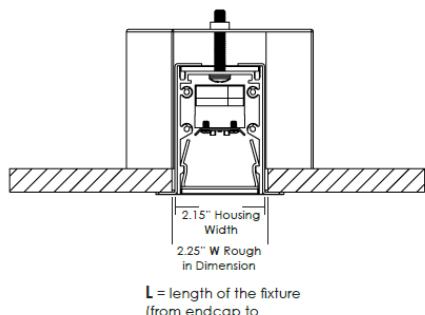
**SFY - Spackle Flange (Yoke Mount)**



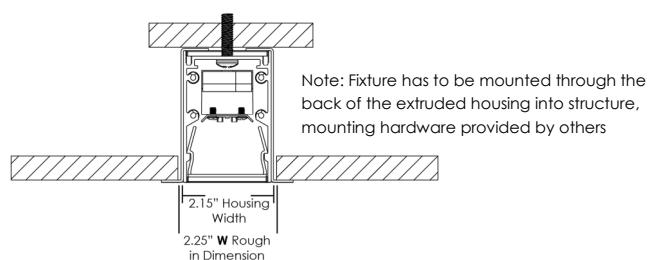
**SF - Spackle Flange (Screw/ Rod Mount)**



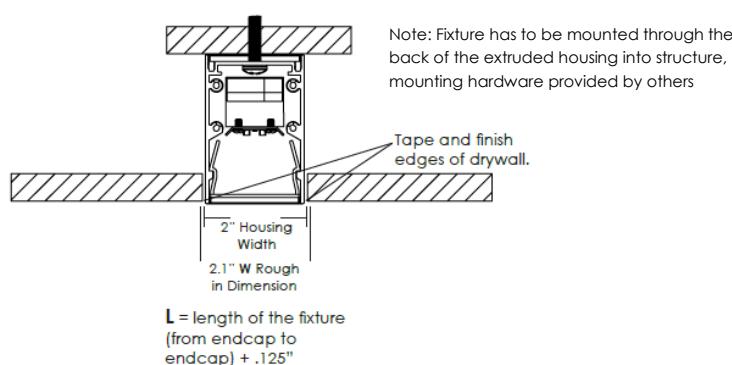
**CBY - Cosmetic Bezel (Yoke Mount)**



**CB - Cosmetic Bezel (Screw/ Rod Mount)**

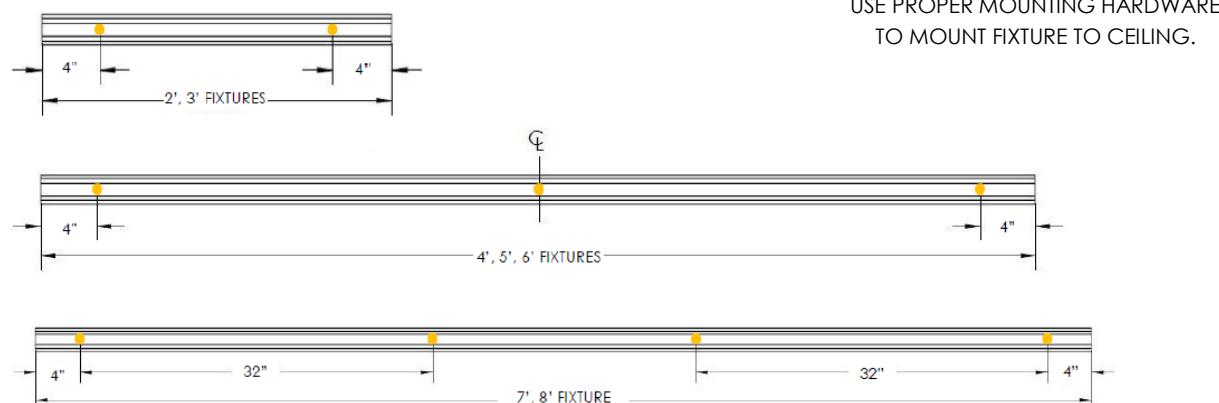


**TR - Trimless**



The number of mounting locations (●) increase as fixtures get longer. Views below show top of fixtures.

Mounting locations (●) vary between SM(T) option and others due to length and power location. Views below show top of fixtures.



NOTE: Hole size at mounting locations is Ø.266".

### xx (Run Length)

The standard construction of run lengths follows the logic of the table below. Consult factory for additional information.

Run lengths always start with the longest fixture and receives the power feed.

# of Sections	Total Length																																						
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
2	1																																						
3		1																																					
4			1					1	1	1	1					1	1	1	1					1	1	1	1				1	1	1	1					
5				1				1			1					1			1					1				1				1				1			
6					1				1			1				1			1				1				1				1				1				
7						1				1			1			1			1				1				1				1				1				
8							1				1	1	1	1	2	1	1	1	2	2	2	3	2	2	2	3	3	3	4	3	3	3	4	4	4	4	4	5	

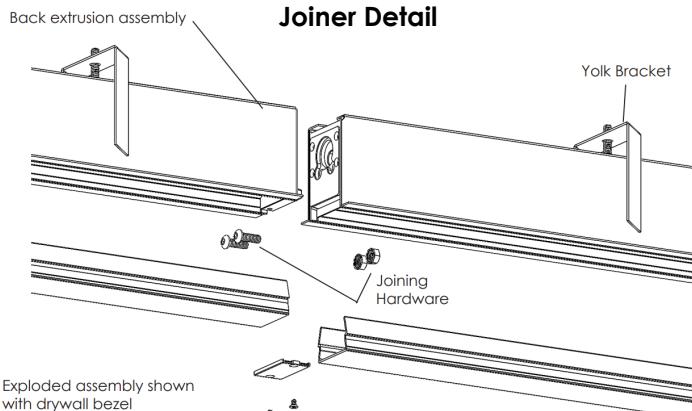
NOTE: Fixtures in continuous runs are available in 6" increments. Consult factory for smaller increments.

### Sxx (Symmetric Run)

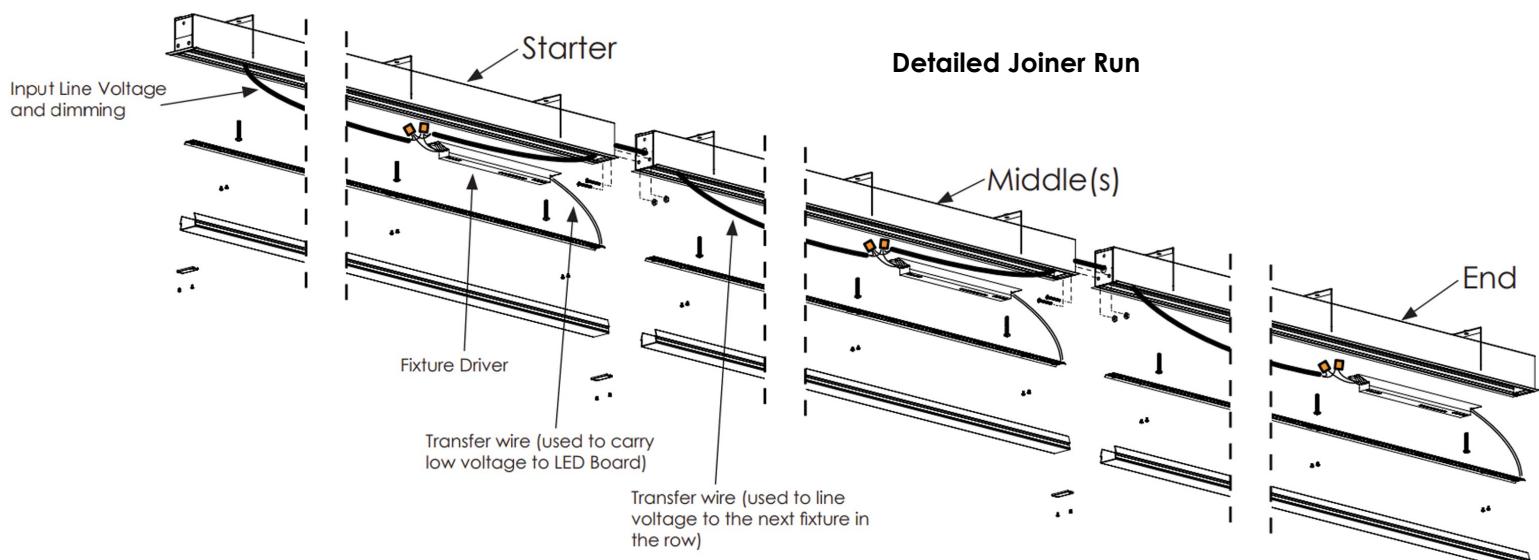
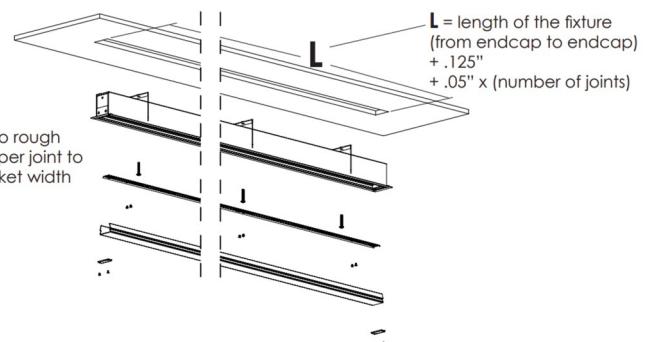
The construction of Sxx (y') is to build with equal length fixtures. The xx indicates the run length. The y' indicates the fixture length used to create the run. Please indicate this on your P.O. when placing your order.

<b>S12' (2')</b>	2'	2'	2'	2'	2'	2'
<b>S12' (3')</b>	3'		3'		3'	
<b>S12' (4')</b>		4'		4'		4'
<b>S12' (6')</b>			6'			6'

## CONTINUOUS RUN DETAILS



### Rough Opening Length



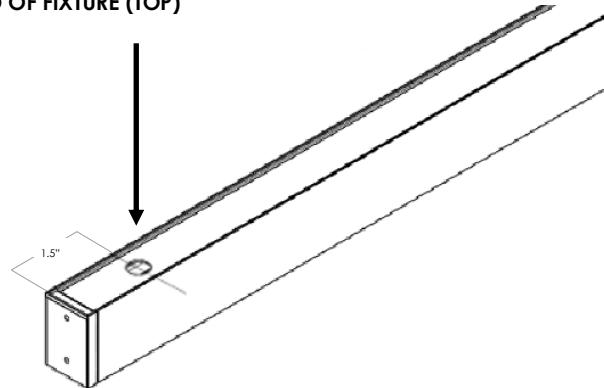
# MED BEAM

## POWER ENTRY

### Power Locations

Power to be fed through one (1) 7/8" hole created in the top—SM(T). Hole can accommodate 1/2" conduit. Lighting fixture is to be wired with UL listed wet location fittings per NEC requirements, supplied by others.

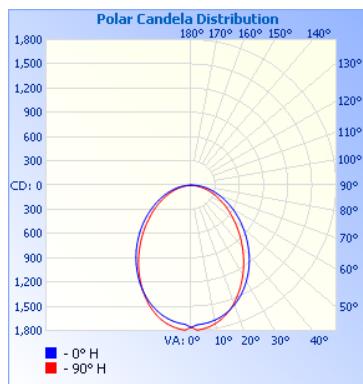
#### POWER LOCATION END OF FIXTURE (TOP)



T (Top Feed)

## PERFORMANCE

### MDBEAM-X-1000-SD (80+ CRI)



MDBEAM-4-1000-SD-35K

Model	Lumens	Watts	LPW
MDBEAM-4-1000-SD-30K	4000	37	107
MDBEAM-4-1000-SD-35K	4000	36	110
MDBEAM-4-1000-SD-40K	4000	36	112
MDBEAM-4-1000-SD-50K	4000	35	115

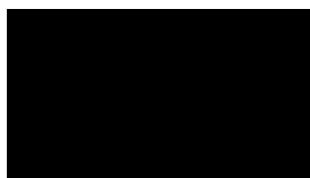
Model	Lumens	Watts	LPW
MDBEAM-8-1000-SD-30K	8000	68	117
MDBEAM-8-1000-SD-35K	8000	67	120
MDBEAM-8-1000-SD-40K	8000	66	122
MDBEAM-8-1000-SD-50K	8000	64	125

## FINISHES

### STANDARD ANTI-MICROBIAL FINISHES



WHITE



BLACK

## SPECIFICATIONS

### Housing

Nominal 3" x 2" x 0.070 thick aluminum housing

### Color

Colors for the housing are available in a powder coated white and black. Consult factory for custom colors.

### Luminaire Length

2', 3', 4', 6' or 8' lengths are available for a single stand-alone section. Using contractor provided conduit, 4' and 8' sections can be joined to form longer rows up to 50'.

### Lensing

0.08" Thick Impact resistant outdoor (F1) rated lensing.

### Source

Variable lumen packages are available in four color temperature options (3000K, 3500K, 4000K and 5000K) — all within 3 MacAdam ellipses.

### Certification

Intertek cETLus Wet Location Listed. RoHS (Restriction of Hazardous Substances) and Buy American Act Compliant.

### Battery

Lithium battery providing up to 1200lm(10W) for 90 minutes. UL924 listed. Class 2 compliant. Meets Title 20 CEC (California Energy Commission) efficiency standards.

### Environment

Suitable for dry, damp, and wet locations.

Operating temp.: -40°C to +50°C  
-40°F to +122°F

### Dimming Driver

Osram Optotronic Outdoor LED Driver allows tunable output currents to achieve infinite configurations of output. UL Class P recognized. 0-10v interface can be wired as Class 1 or Class 2 circuit.

### Packaging

Sustainably manufactured outside cardboard box and biodegradable, protective poly-foam luminaire inserts.

## WARRANTY

5-year limited warranty. Complete warranty terms can be located at:

Note: Actual performance may differ as a result of installation environment and final application.

All values are design or typical values, measured under laboratory conditions, at 25°C (77°F) .