

# MEDMASTER™

## Behavioral Healthcare Luminaires

### MMAC SERIES – Linear Fluorescent

#### PRODUCT FEATURES:

- » Surface, recessed grid or recessed flange mount – 2'x2', 2'x4'
- » Center diffuser provides direct/indirect ambient lighting
- » Heavy-duty one-piece TIG and spot welded housing
- » Doorframe with Polycarbonate lens secured with Torx® fasteners for security
- » Ligature resistant construction



#### PROJECT INFORMATION

Job Name \_\_\_\_\_

Fixture Type \_\_\_\_\_

Catalog Number \_\_\_\_\_

Approved by \_\_\_\_\_

#### SPECIFICATIONS

**HOUSING:** Die-formed prime grade material as specified – see Ordering Information. TIG and spot welded construction.

**DOOR:** One-piece die-formed prime grade material as specified – see Ordering Information. Doorframe supported to housing with two aircraft cables. Corners continuously seam welded and smooth with no post grinding (TIG).

**FINISH:** TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test: 1,000 hours; Reflectance: 92%. Optional antimicrobial finish.

**LENS:** As specified – maximum thickness .375" – see Ordering Information.

**LAMP SHIELDING:** Perforated metal (white TGIC polyester powder coat finish) with pearlescent acrylic diffuser.

**GASKET:** Closed cell silicone gasket seals door to housing.

**FASTENERS:** Torx® head with center pin hardened security screws. Fully recessed.

**ELECTRICAL:** Fluorescent electronic 120/277V ballasts high power factor (<10% THD). See Ordering Information for optional equipment. Lamps by others. Optional LVCD control provides low-voltage patient interface, controlling the primary light source independently with dimming control, and if ordered DLN and DLNA option independently without dimming.

**INSTALLATION: SURFACE MOUNT:** Four .312" diameter holes. **GRID MOUNT:** Designed for 1" and 1.5" grid. (Housing includes hanging brackets to secure housing with wire to super structure).

**FLANGE MOUNT:** Yoke mounting hardware & brackets included. Install Frame and Plaster Frames both positively locates yoke brackets within ceiling opening assures alignment of fixture. Install frame has no need for drywall backing; backing is supplied on the frame brackets.

**LISTINGS:** UL and CUL Listed for Wet Location. UL certified IP65 per IEC 60598. NSF2 Splash/Non-Food Zone. Ligature resistant construction.



#### ORDERING INFORMATION (Ex: MMAC22-S-0/0-7-1-17-IS-1-120)

Model	Mounting	Door/Housing Material	Lens	Lamp Qty	Lamp Type	Ballast Type	Ballast Qty	Voltage	Options	Accessory
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<b>Model</b>				<b>Lamp Quantity</b>				<b>Voltage</b>		
MMAC22 2'x2'				1 One Lamp				120 120 Volts		
MMAC24 2'x4'				2 Two Lamps				277 277 Volts		
				3 Three Lamps (n/a with F54T5HO)				347 347 Volts		
								DV 120-277 Volts		
<b>Mounting Options</b>				<b>Lamp Type</b>				<b>Options</b>		
F Flange				2'x2'				AMF Antimicrobial Finish on exposed surfaces		
S Surface				14† F14T5				DLN LED Night Light w/Light Level Control (100% - 20%; voltage specific selection required)		
G Grid (1" and 1.5")				24† F24T5HO				DLNA Amber LED Night Light w/Light Level Control (100% - 20%; voltage specific selection required)		
				17 F17T8				EL One-Lamp Emergency Battery Pack (32°F; 347V dry location only)		
<b>Door/Housing Material</b>				2'x4'				FS Fuse & Holder		
0 14-Ga CRS (Painted)				28† F28T5				LVC† Low Voltage Controller (Click <a href="#">here</a> for specifications)		
1 16-Ga CRS (Painted)				32 F32T8				LVCD† Low Voltage Controller with Dimming (Click <a href="#">here</a> for specifications)		
2 18-Ga CRS (Painted) (n/a as Door Material)				54 F54T5HO				RF† Radio Frequency Filter		
A 18-Ga SS (Brushed) (n/a as Door Material)								TN† Night Light – 5/7/9 Watt PL (Lamp supplied by other; voltage specific selection required)		
B 18-Ga SS (Painted) (n/a as Door Material)				<b>Ballast Type</b>				TC T-Bar Clips (Grid Mount only)		
3 14-Ga SS (Painted)				IS Instant Start Electronic <10% THD (T8)						
4 16-Ga SS (Painted)				RS Rapid Start Electronic <10% THD (T8,T5,T5HO)						
6 14-Ga SS (Brushed)				SB Specified Ballast						
7 16-Ga SS (Brushed)				<b>Ballast Quantity</b>						
				1 One						
<b>Accessory</b>				2 Two						
IF Install Frame (Flange only)(Add .375 to each Ceiling Cutout dimension)										

† n/a with 347V

#### ACCESSORIES ORDERED SEPERATELY

MPWS Low Voltage Wall Switch (Click [here](#) for Specifications)



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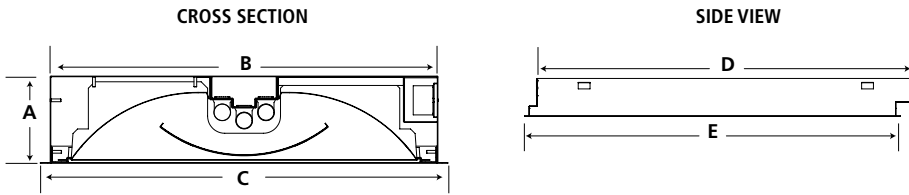
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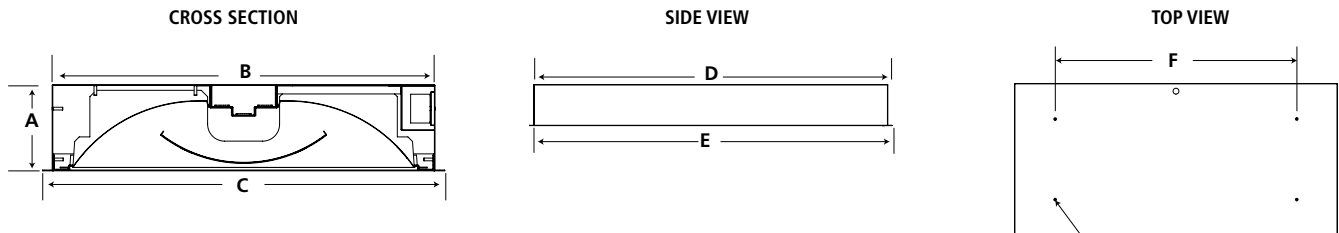
### DIMENSIONAL DATA

#### GRID MOUNT



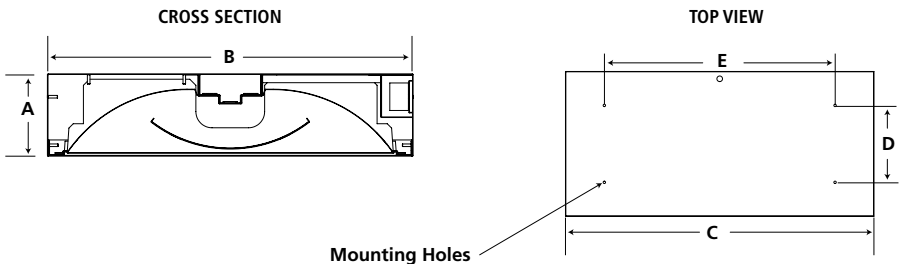
DIMENSIONAL DATA (IN INCHES)					
	A	B	C	D	E
2x2 T5	6.33	22.60	23.75	22.60	23.75
2x2 T8	6.38	22.60	23.75	24.00	23.75
2x4 T5	6.33	22.60	23.75	46.60	47.75
2x4 T8	6.38	22.60	23.75	48.00	47.75

#### FLANGE MOUNT



FLANGE DIMENSIONAL DATA (IN INCHES)						
	A	B	C	D	E	F
2x2 T5	6.33	22.60	23.75	22.60	23.75	12.00
Recommended Ceiling Cutout: 22.88" x 22.88"						
2x2 T8	6.33	22.60	23.75	24.12	25.28	12.00
Recommended Ceiling Cutout: 22.88" x 24.38"						
2x4 T5	6.33	22.60	23.75	46.60	47.75	30.00
Recommended Ceiling Cutout: 22.88" x 46.88"						
2x4 T8	6.33	22.60	23.75	48.12	49.28	30.00
Recommended Ceiling Cutout: 22.88" x 48.38"						

#### SURFACE MOUNT



DIMENSIONAL DATA (IN INCHES)					
	A	B	C	D	E
2x2 T5	6.13	22.60	22.60	12.00	12.00
2x2 T8	6.13	22.60	24.12	12.00	12.00
2x4 T5	6.13	22.60	46.60	12.00	36.00
2x4 T8	6.13	22.60	48.12	12.00	36.00



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