

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



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. Approved by the New York State - Office of Mental Health.



ORDERING INFORMATION (Ex: MMAC22-5-0/0-7-1-17-IS-1-120)

Model	Mounting	Door/Housing Material	Lens	Lamp Qty	Lamp Type	Ballast Type	Ballast Qty	Voltage	Options	Accessory
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Model

MMAC22 2'x2'
MMAC24 2'x4'

Mounting Options

F Flange
S Surface
G Grid (1" and 1.5")

Door/Housing Material

0 14-Ga CRS (Painted)
1 16-Ga CRS (Painted)
2 18-Ga CRS (Painted) (n/a as Door Material)
A 18-Ga SS (Brushed) (n/a as Door Material)
B 18-Ga SS (Painted) (n/a as Door Material)
3 14-Ga SS (Painted)
4 16-Ga SS (Painted)
6 14-Ga SS (Brushed)
7 16-Ga SS (Brushed)

Lens

7 .187" Clear Polycarbonate
9 .250" Clear Polycarbonate
B .375" Clear Polycarbonate

Lamp Quantity

1 One Lamp
2 Two Lamps
3 Three Lamps (n/a with F54T5HO)

Lamp Type

2'x2'
14† F14T5
24† F24T5HO
17 F17T8

2'x4'

28† F28T5
32 F32T8
54 F54T5HO

Ballast Type

IS Instant Start Electronic <10% THD (T8)
RS Rapid Start Electronic <10% THD (T8,T5,T5HO)
SB Specified Ballast

Ballast Quantity

1 One
2 Two

Voltage

120 120 Volts
277 277 Volts
347 347 Volts
DV 120-277 Volts

Options

AMF Antimicrobial Finish on exposed surfaces
DLN LED Night Light w/Light Level Control (100% - 20%; voltage specific selection required)
DLNA Amber LED Night Light w/Light Level Control (100% - 20%; voltage specific selection required)
EL One-Lamp Emergency Battery Pack (32°F; 347V dry location only)
FS Fuse & Holder
LVCD† Low Voltage Controller (Click [here](#) for specifications)
LVCD† Low Voltage Controller with Dimming (Click [here](#) for specifications)
RF† Radio Frequency Filter
TN† Night Light – 5/7/9 Watt PL (Lamp supplied by other; voltage specific selection required)
TC T-Bar Clips (Grid Mount only)

Accessory

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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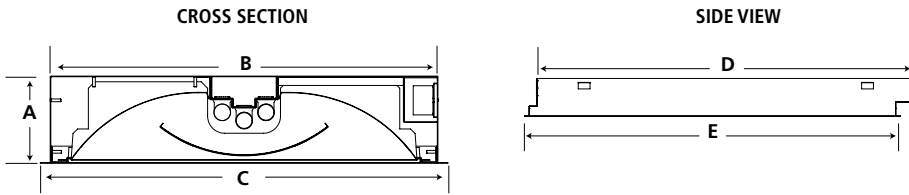
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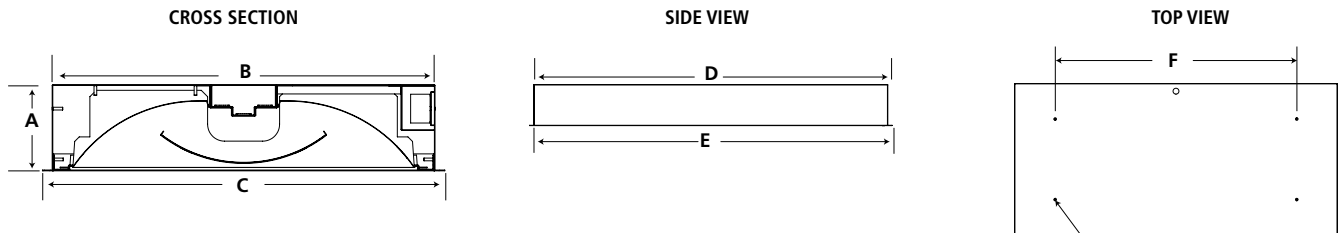
DIMENSIONAL DATA

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

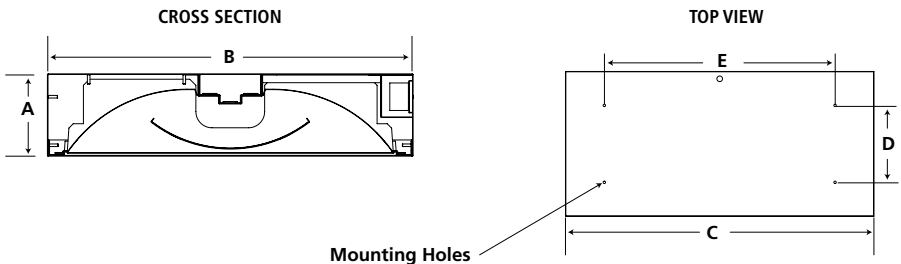
FLANGE MOUNT



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"						

Yoke Mounting Holes

SURFACE MOUNT



Mounting Holes

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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