

# MEDMASTER™

## Patient Room Luminaires

### MAC SERIES – Linear Fluorescent

#### PRODUCT FEATURES:

- » Surface, recessed grid or recessed flange mount – 1'×4', 2'×2', 2'×4'
- » Perforated metal central basket design provides direct-indirect illumination style
- » Ingress Barrier Door provides consistent surface for cleanability



#### PROJECT INFORMATION

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

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

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

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

#### SPECIFICATIONS

**HOUSING:** 20-gauge CRS one-piece seam welded construction. Housing Flanges – 18-gauge CRS, standard 4-piece construction, spotwelded to housing. White TGIC polyester powder coat – 5-stage pre-treatment. Salt spray test 1,000 hours. Reflectance 92%. See Ordering Options for Antimicrobial Finish.

**DOORFRAME:** Heavy duty extruded aluminum with clear satin anodized finish. Doorframe supported to housing with aircraft cables (IB-AC) to provide NSF2 listing, or an optional continuous hinged doorframe (IB-HD). Select in ordering options below. Phillips head stainless steel fasteners secure door to housing – 8 with IB-AC (1×4, 2×2), 10 with IB-AC (2×4) and 2 with IB-HD (2×2) and 3 with IB-HD (1×4, 2×4). Extruded closed cell gasket seals doorframe to housing.

**LENS:** .125" clear high impact acrylic. Sealed to extruded aluminum frame with a vinyl gasket.

**LAMP SHIELDING:** Perforated aluminum basket with pearlescent acrylic diffuser – white TGIC polyester powder coat finish.

**ELECTRICAL:** Fluorescent electronic 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/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.

**WARRANTY:** Limited one (1) year Kenall fluorescent warranty.

**LISTINGS:** UL and CUL Listed for Wet Location and UL certified IP65 per IEC 60598. NSF2 Splash Zone (IB-AC only).



#### ORDERING INFORMATION (Ex:MAC22-F-1-17-IS-1-120-AC)

Model	Mounting	Lamp Qty/Type	Ballast Type	Ballast Qty	Voltage	Doorframe	Options	Accessories
<b>IB-</b>								
<b>Model</b>	<b>Lamp Quantity/Type (cont.)</b>		<b>Doorframe</b>			<b>Options</b>		
<b>MAC14</b> 1'×4'	<b>2×4</b>		<b>AC</b> Ingress Barrier w/Aircraft Cables			<b>EL</b> Standard Lumen One-Lamp EL Pack (347V dry location only)		
<b>MAC22</b> 2'×2'	<b>1-28†</b> One F28T5		<b>HD</b> Ingress Barrier w/Continuous Piano Hinge (not NSF2 listed)			<b>AMF</b> Antimicrobial Finish on exposed painted surfaces		
<b>MAC24</b> 2'×4'	<b>2-28†</b> Two F28T5					<b>DLN</b> LED Night Light with 100%-20% Light Level Control (voltage specific selection required)		
	<b>3-28†</b> Three F28T5					<b>DLNA</b> Amber LED Night Light with 100%-20% Light Level Control (voltage specific selection required)		
	<b>1-32</b> One F32T8					<b>FS</b> Single Fuse & Holder (1 per ballast)		
<b>Mounting</b>	<b>2-32</b> Two F32T8					<b>LVC†</b> Low Voltage Controller (Click <a href="#">here</a> for specifications)		
<b>F</b> Flange	<b>3-32</b> Three F32T8					<b>LVCD†</b> Low Voltage Controller with Dimming (Click <a href="#">here</a> for specifications)		
<b>S</b> Surface	<b>1-54</b> One F54T5HO					<b>RF†</b> Radio Frequency Filter (1 per ballast)		
<b>G</b> Grid (1" and 1.5")	<b>2-54</b> Two F54T5HO					<b>TN†</b> Night Light – 5/7/9 Watt PL (Lamp supplied by other; voltage specific selection required)		
						<b>Accessories</b>		
<b>Lamp/Qty Type</b>	<b>Ballast Type</b>					<b>IF**</b> Install Frame (flange mount only)		
<b>1×4</b>	<b>IS</b> Instant Start Electronic <10% THD (T8)					<b>PF**</b> Plaster Frame (flange mount only)		
<b>1-28</b> One F28T5	<b>RS</b> Rapid Start Electronic <10% THD (T8,T5,T5HO)							
<b>2-28</b> Two F28T5	<b>SB</b> Specified Ballast							
<b>1-32</b> One F32T8	<b>Ballast Quantity</b>							
<b>2-32</b> Two F32T8	<b>1</b> One							
<b>1-54</b> One F54T5HO	<b>2</b> Two							
<b>2-54</b> Two F54T5HO	<b>Voltage</b>							
	<b>120</b> 120 Volts							
<b>2×2</b>	<b>277</b> 277 Volts							
<b>1-14†</b> One F14T5	<b>347</b> 347 Volts (consult factory)							
<b>2-14†</b> Two F14T5	<b>DV</b> 120-277 Volts							
<b>3-14†</b> Three F14T5								
<b>1-24†</b> One F24T5HO								
<b>2-24†</b> Two F24T5HO								
<b>3-24†</b> Three F24T5HO								
<b>1-17</b> One 17T8								
<b>2-17</b> Two 17T8								
<b>3-17</b> Three 17T8								

† n/a with 347V  
 \*\*Add .25" to Ceiling Cutout dimensions

#### ACCESSORIES ORDERED SEPERATELY

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



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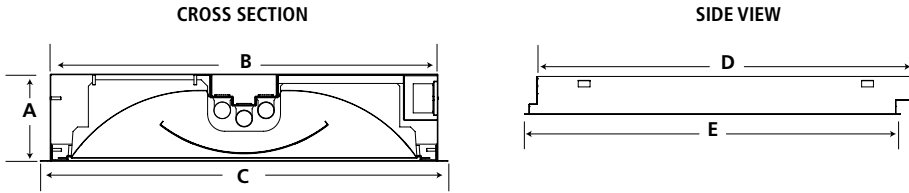
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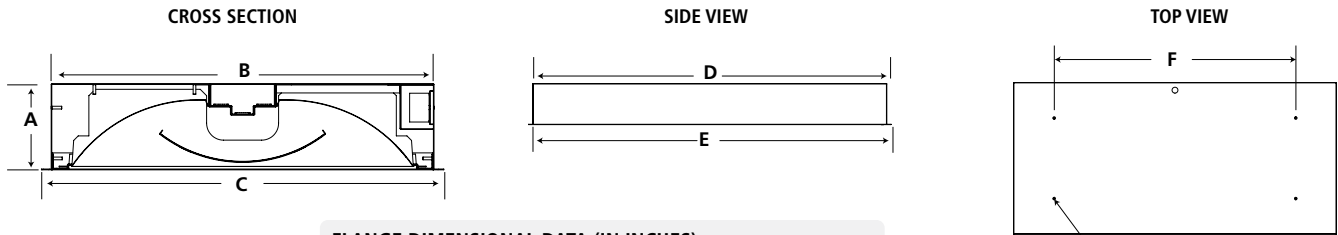
**DIMENSIONAL DATA**

**GRID MOUNT**



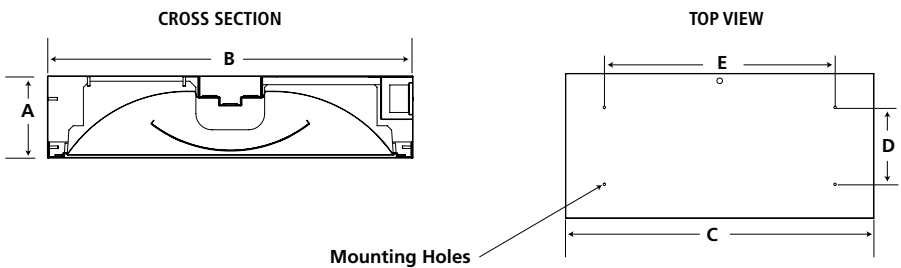
GRID DIMENSIONAL DATA (IN INCHES)					
	A	B	C	D	E
1×4 T5	5.13	10.60	11.75	46.60	47.75
1×4 T8	5.13	10.60	11.75	48.00	47.75
2×2 T5	5.56	22.60	23.75	22.60	23.75
2×2 T8	5.56	22.60	23.75	24.00	23.75
2×4 T5	5.56	22.60	23.75	46.60	47.75
2×4 T8	5.56	22.60	23.75	48.00	47.75

**FLANGE MOUNT**



FLANGE DIMENSIONAL DATA (IN INCHES)						
	A	B	C	D	E	F
1×4 T5	5.13	10.60	11.75	46.60	47.75	32.00
Recommended Ceiling Cutout: 10.88" × 46.88"						
1×4 T8	5.13	10.60	11.75	48.12	49.28	30.00
Recommended Ceiling Cutout: 10.88" × 48.38"						
2×2 T5	5.56	22.60	23.75	22.60	23.75	12.00
Recommended Ceiling Cutout: 22.88" × 22.88"						
2×2 T8	5.56	22.60	23.75	24.12	25.28	12.00
Recommended Ceiling Cutout: 22.88" × 24.38"						
2×4 T5	5.56	22.60	23.75	46.60	47.75	30.00
Recommended Ceiling Cutout: 22.88" × 46.88"						
2×4 T8	5.56	22.60	23.75	48.12	49.28	30.00
Recommended Ceiling Cutout: 22.88" × 48.38"						

**SURFACE MOUNT**



SURFACE DIMENSIONAL DATA (IN INCHES)					
	A	B	C	D	E
1×4 T5	5.13	10.60	46.60	4.25	32.00
1×4 T8	5.13	10.60	48.12	4.25	32.00
2×2 T5	5.56	22.60	22.60	12.00	12.00
2×2 T8	5.56	22.60	24.12	12.00	12.00
2×4 T5	5.56	22.60	46.60	12.00	36.00
2×4 T8	5.56	22.60	48.12	12.00	36.00

