

# MEDMASTER™

## Patient Room Luminaires

### MAC SERIES – GRID MOUNT

#### PRODUCT FEATURES:

- » Recessed grid mount – 1.0" & 1.5" T-Bar; 1'×4', 2'×2', 2'×4'
- » Indirect ambient lighting
- » Ingress Barrier Door provides consistent surface for cleanliness



#### PROJECT INFORMATION

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

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

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

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

#### SPECIFICATIONS

**HOUSING:** 20-gauge CRS. one-piece 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:** **LED:** Available 3500K, 4000K and 5000K color temperatures, 82 CRI. 120-277VAC, 50/60Hz electrical input with serviceable high power factor electronic, constant-current driver (<20% THD, >0.95 PF). Standard 0-10V dimming with 10-100% range, maximum driver source of 500 µA. **LF:** Fluorescent electronic ballasts, high power factor (<10% THD.) See Ordering Information for optional equipment. Lamps by others.

**SENSOR & CONTROLS:** Optional sensor available with compatible third party controls. To see the full list of compatible controls, click [here](#).

**INSTALLATION:** Designed for 1" and 1.5" grid. (Housing includes hanging brackets to secure housing with wire to super structure).

**WARRANTY:** Limited five (5) year 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-G-1-17-IS-1-120-IB-AC)

Model	Mounting	Lamp Qty/Type	Ballast Type	Ballast Qty	Voltage	Doorframe	Options	Accessories
<b>G</b>		<b>IB-</b>						
<b>Model</b>		<b>Lamp Quantity/Type (cont.)</b>		<b>Lamp Quantity/Type (cont.)</b>		<b>Doorframe</b>		
MAC14 1'×4'		<b>2×2</b>		<b>2×4</b>		<b>AC</b> Ingress Barrier w/Aircraft Cables		
MAC22 2'×2'		<b>45L35K</b> 45 Watt 3500K LED		<b>45L35K</b> 45 Watt 3500K LED		<b>HD</b> Ingress Barrier w/Continuous Piano Hinge (not NSF2 listed)		
MAC24 2'×4'		<b>45L40K</b> 45 Watt 4000K LED		<b>45L40K</b> 45 Watt 4000K LED				
		<b>45L50K</b> 45 Watt 5000K LED		<b>45L50K</b> 45 Watt 5000K LED				
<b>Mounting</b>		<b>1-14▲</b> One F14T5		<b>67L35K</b> 67 Watt 3500K LED		<b>Options</b>		
<b>G</b> Grid (1" and 1.5")		<b>2-14▲</b> Two F14T5		<b>67L40K</b> 67 Watt 4000K LED		<b>LEL</b> LED Emergency Battery Backup (n/a with 1'×4' fixture)		
		<b>3-14▲</b> Three F14T5		<b>67L50K</b> 67 Watt 5000K LED		<b>EL*</b> Standard Lumen One-Lamp EL Pack (347V dry location only)		
<b>Lamp Quantity/Type</b>		<b>1-24▲</b> One F24T5HO		<b>90L35K</b> 90 Watt 3500K LED		<b>AMF</b> Antimicrobial Finish on exposed painted surfaces		
<b>1×4</b>		<b>2-24▲</b> Two F24T5HO		<b>90L40K</b> 90 Watt 4000K LED		<b>DLN</b> LED Night Light w/Light Level Control		
<b>67L35K</b> 67 Watt 3500K LED		<b>3-24▲</b> Three F24T5HO		<b>90L50K</b> 90 Watt 5000K LED		<b>TN▲</b> Night Light – 5/7/9 Watt PL (Lamp supplied by other)		
<b>67L40K</b> 67 Watt 4000K LED		<b>1-17</b> One 17T8		<b>1-28▲</b> One F28T5		<b>FS</b> Single Fuse & Holder (1 per ballast)		
<b>67L50K</b> 67 Watt 5000K LED		<b>2-17</b> Two 17T8		<b>2-28▲</b> Two F28T5		<b>LVC▲</b> Low Voltage Controller (See <a href="#">Application Guide</a> or consult factory for switching options)		
<b>1-28</b> One F28T5		<b>3-17</b> Three 17T8		<b>3-28▲</b> Three F28T5		<b>RF▲</b> Radio Frequency Filter (1 per ballast)		
<b>2-28</b> Two F28T5				<b>1-32</b> One F32T8				
<b>1-32</b> One F32T8				<b>2-32</b> Two F32T8		<b>Accessories</b>		
<b>2-32</b> Two F32T8				<b>3-32</b> Three F32T8		<b>TH</b> 1/2" Trade Size Threaded Hub		
<b>1-54</b> One F54T5HO				<b>1-54</b> One F54T5HO		<b>TC</b> T-Bar Clips		
<b>1-54A</b> One F54T5HO amalgam				<b>2-54</b> Two F54T5HO		<b>HJ</b> Sealed Wireway		
<b>2-54</b> Two F54T5HO								
<b>2-54A</b> Two F54T5HO amalgam								
				<b>Ballast/Driver Type</b>				
				<b>IS</b> Instant Start Electronic <10% THD (T8)				▲n/a with 347V
				<b>RS</b> Rapid Start Electronic <10% THD (T8,T5,T5HO)				*n/a with LED lamping
				<b>SB</b> Specified Ballast				
				<b>DCC</b> Dimming Constant Current Driver				
				<b>Ballast Quantity</b>				
				<b>1</b> One				
				<b>2</b> Two				
				<b>Voltage</b>				
				<b>120</b> 120 Volts				
				<b>277</b> 277 Volts				
				<b>347</b> 347 Volts (consult factory)				
				<b>DV</b> 120-277 Volts				



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# MEDMASTER™

## Patient Room Luminaires

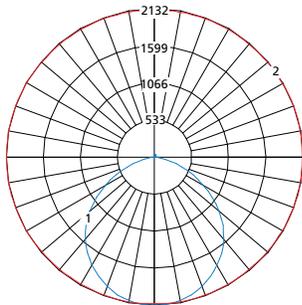
### MAC SERIES – GRID MOUNT

#### PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens			Drive Current (mA)	Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)	Input Power (W)		
MAC14	67L35K	1965	27	72	66	80,000
	67L40K	2095	29	72	66	80,000
	67L50K	2179	30	72	66	80,000
MAC22	45L35K	2547	51	50	94	80,000
	45L40K	2715	54	50	94	80,000
	45L50K	2824	56	50	94	80,000
MAC24	45L35K	2344	47	50	94	80,000
	45L40K	2499	50	50	94	80,000
	45L50K	2599	52	50	94	80,000
	67L35K	3686	50	74	66	80,000
	67L40K	3929	53	74	66	80,000
	67L50K	4086	55	74	66	80,000
	90L35K	4688	48	98	94	60,000
	90L40K	4998	51	98	94	60,000
	90L50K	5198	53	98	94	60,000

Displayed information is for selected luminaires only. Additional wattages and color temperatures are also available. Visit [www.kenall.com](http://www.kenall.com) for additional information.

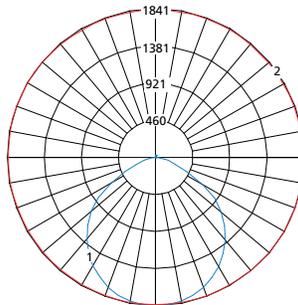
Model: MAC14-G-67L40K-DCC-DV-IB-AC



Maximum Candela = 841 Located At Horizontal Angle = 15, Vertical Angle = 5

- 1 - Vertical Plane Through Horizontal Angles (15-195) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

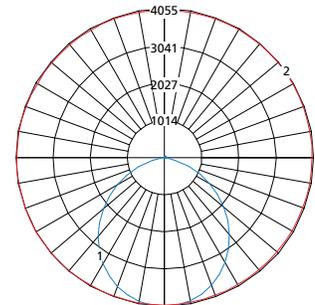
Model: MAC22-G-45L40K-DCC-DV-IB-AC



Maximum Candela = 1086 Located At Horizontal Angle = 330, Vertical Angle = 5

- 1 - Vertical Plane Through Horizontal Angles (330-150) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

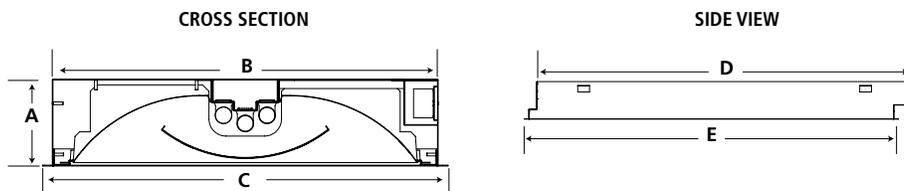
Model: MAC24-G-90L40K-DCC-DV-IB-AC



Maximum Candela = 2008 Located At Horizontal Angle = 210, Vertical Angle = 5

- 1 - Vertical Plane Through Horizontal Angles (210-30) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

#### DIMENSIONAL DATA



#### DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E
1x4 T5	5.13	10.60	11.75	46.60	47.75
1x4 T8/LED	5.13	10.60	11.75	48.00	47.75
2x2 T5	5.56	22.60	23.75	22.60	23.75
2x2 T8/LED	5.56	22.60	23.75	24.00	23.75
2x4 T5	5.56	22.60	23.75	46.60	47.75
2x4 T8/LED	5.56	22.60	23.75	48.00	47.75



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