

MEDMASTER™

Patient Room Luminaires

MAC SERIES – FLANGE MOUNT

PRODUCT FEATURES:

- » Recessed ceiling mount – flange; 1'×4', 2'×2', 2'×4'
- » Center basket provides indirect ambient lighting
- » 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: 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. LE: 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: 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 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-F-1-17-IS-1-120-AC)

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

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



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MEDMASTER™

Patient Room Luminaires

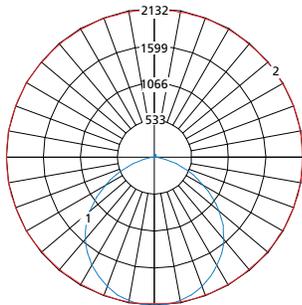
MAC SERIES – LF FLANGE MOUNT

PERFORMANCE

Model	Lamp Type	Initial Delivered Lumens				Estd. L70 LED Life (Hrs)
		@ 25°C	Efficacy (lm/W)	Input Power (W)	Drive Current (mA)	
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 for additional information.

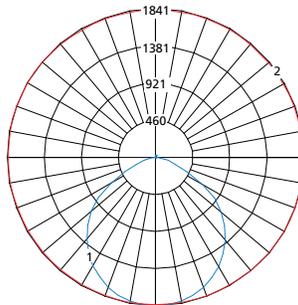
Model: MAC14-F-67L40K-DCC-DV-IB-AC



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.)

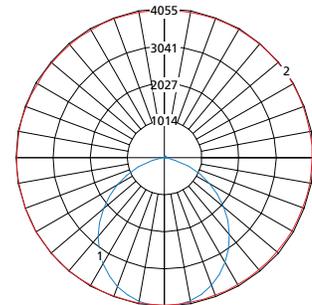
Model: MAC22-F-45L40K-DCC-DV-IB-AC



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-F-90L40K-DCC-DV-IB-AC

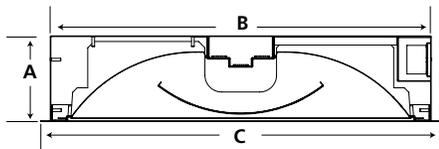


Maximum Candela = 2008 Located At Horizontal Angle = 210, Vertical Angle = 5

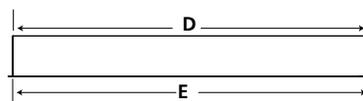
- 1 - Vertical Plane Through Horizontal Angles (210-30) (Through Max. Cd.)
- 2 - Horizontal Cone Through Vertical Angle (5) (Through Max. Cd.)

DIMENSIONAL DATA

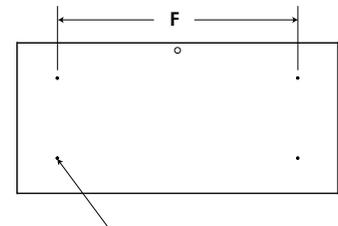
CROSS SECTION



SIDE VIEW



TOP VIEW



DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E	F	G	H	I
1x4 T5	5.13	10.60	11.75	46.60	47.75	10.88	32.00	4.25	46.88
1x4 T8/LED	5.13	10.60	11.75	48.12	49.28	10.88	30.00	4.25	48.38
2x2 T5	5.56	22.60	23.75	22.60	23.75	22.88	12.00	12.00	22.88
2x2 T8/LED	5.56	22.60	23.75	24.12	25.28	22.88	12.00	12.00	24.38
2x4 T5	5.56	22.60	23.75	46.60	47.75	22.88	30.00	12.00	46.88
2x4 T8/LED	5.56	22.60	23.75	48.12	49.28	22.88	30.00	12.00	48.38



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