MEDMASTER™
Patient Room Luminaires
MAC2B SERIES – LF FLANGE MOUNT

PROJECT INFORMATION

Job Name _____

Fixture Type _____

Catalog Number _____

Approved by _____

PRODUCT FEATURES:
- » Recessed ceiling mount – flange; 1'×4', 2'×2', 2'×4'
- » Dual side baskets provides indirect ambient lighting
- » Ingress barrier door for IP65 rating

SPECIFICATIONS

HOUSING: 20-gauge CRS one-piece seam welded construction. Housing Flanges – 18-gauge CRS, standard 4-piece construction, spot welded 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.

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 one (1) year Kenall flourescent warranty.

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

c UL us IP65 NSF

IB-AC ONLY

ORDERING INFORMATION (Ex:MAC2B22-F-2-17-IS-1-120-IB-AC)

Model	Mounting	Lamp Qty/Type	Ballast Type	Ballast Qty	Voltage	Doorframe	Options	Accessories
	F					**IB-**		

Model
MAC2B14 1'×4'
MAC2B22 2'×2'
MAC2B24 2'×4'

Mounting
F Flange

Lamp Type
1×4
2-28† Two F28T5
2-32 Two F32T8
2-54 Two F54T5HO

2×2
2-14† Two F14T5
4-14† Four F14T5
2-17 Two 17T8
4-17 Four 17T8

2×4
2-28† Two F28T5
4-28† Four F28T5
2-32 Two F32T8
4-32 Four F32T8
2-54 Two F54T5HO
4-54 Four F54T5HO

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

Ballast Quantity
1 One
2 Two (2×2, 2×4 only)

Voltage
120 120 Volts
277 277 Volts
347 347 Volts

Doorframe
AC Ingress Barrier w/Aircraft Cables (Std.)
HD Ingress Barrier w/Continuous Piano Hinge (not NSF2 listed)

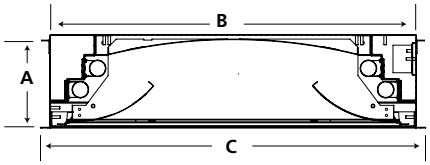
Options
EL Standard Lumen One-Lamp EL Pack (347V dry location only)
AMF Antimicrobial Finish on exposed painted surfaces
DLN LED Night Light w/Light Level Control (100% - 20%)
TN† Night Light – 5/7/9 Watt PL (Lamp supplied by other)
FS Single Fuse & Holder (1 per ballast)
LVC† Low Voltage Controller (See Application Guide or consult factory for switching options)
RF† Radio Frequency Filter (1 per ballast)

Accessories
IF** Install Frame
PF** Plaster Frame
RM Continuous Row Mount
TH 1/2" Trade Size Threaded Hub

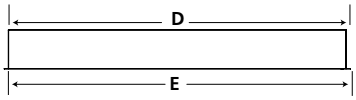
† n/a with 347V
**Add .25" to Ceiling Cutout dimensions

DIMENSIONAL DATA

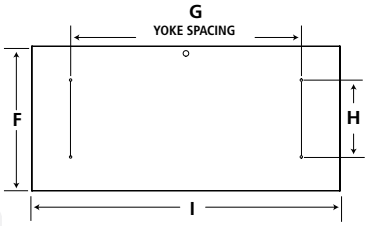
CROSS SECTION



SIDE VIEW



RECOMMENDED CEILING CUTOUT



DIMENSIONAL DATA (IN INCHES)

	A	B	C	D	E	F	G	H	I
1×4 T5	5.25	10.60	11.75	46.60	47.75	10.88	32.00	4.25	46.88
1×4 T8	5.25	10.60	11.75	48.12	49.28	10.88	32.00	4.25	48.38
2×2 T5	6.00	22.60	23.75	22.60	23.75	22.88	12.00	15.75	22.88
2×2 T8/BIAX	6.00	22.60	23.75	24.12	25.28	22.88	12.00	15.75	24.38
2×4 T5	6.00	22.60	23.75	46.60	47.75	22.88	30.00	15.75	46.88
2×4 T8	6.00	22.60	23.75	48.12	49.28	22.88	30.00	15.75	48.38

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