

### FEATURES

- Circular recessed fluorescent fixture is truly a distinctive light source that provides the highest quality illumination while meeting demanding architectural and aesthetic requirements
- 9" deep housing insures that there are no lamp images
- Choice of 2', 3', or 4' diameter fixtures
- Deep plaster flange accommodates a wide variety of thick ceilings
- 18 gauge steel plaster ring fits snug with the ceiling ensuring no light leaks around the fixture
- Steel lens hold down clip holds lens firmly in place
- Thick, arched acrylic diffuser conceals light source yet permits high transmission of diffused light
- Circular shape presents a bold design element
- Damp label standard

### PROJECT INFORMATION

Project Name \_\_\_\_\_

Type \_\_\_\_\_

Catalog No. \_\_\_\_\_

Date \_\_\_\_\_

### HOUSING

Fixture is constructed of code gauge steel. Plaster frame is constructed of 18 gauge steel. The fixture is designed for installation in NEMA type "F" ceilings (cannot be installed in NEMA type "G" ceilings). The spring loaded steel trim fits snug with the ceiling. The fixture housing is completely concealed when mounted. M46 fixture must be installed prior to ceiling installation.

### BALLASTS

Energy efficient, thermally protected, automatic resetting, Class P, high power factor, sound rated A, unless otherwise specified. CEE NEMA Premium compliant.

### ELECTRICAL

Standard class "P", thermally protected, auto-resetting HPF ballast, sound rated A. CEE NEMA Premium compliant. All ballast leads extend a minimum of 6" through access location. NEC/CEC-compliant ballast disconnect is standard.

### FINISH

All metal parts processed with a multi-stage phosphate bonding treatment and finished with a high reflectance baked white enamel after fabrication.

### SHIELDING

Standard lens is a color stabilized translucent white with a non-reflecting matte exterior surface. Lens is held firmly in place by steel lens hold down clips. A steel door frame retains the lens in the correct position. The door frame is retained by torsion springs constructed of spring steel.

### CERTIFICATION

All luminaires are built to UL 1598 standards and bear appropriate UL and cUL or CSA labels. Damp location labeling is standard. Emergency-equipped fixtures labeled UL 924.

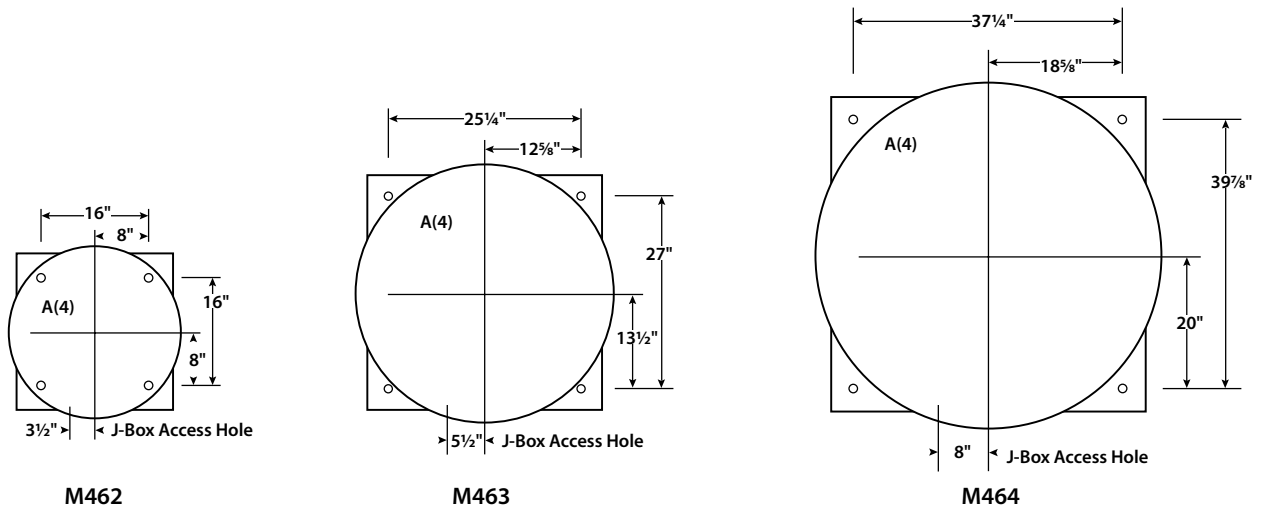
### ORDERING INFORMATION

### EXAMPLE M464-832F-FSOP-4EU-GLR

M46		F		FS		OP				
MODEL	NO. OF LAMPS	CEILING TYPE	SHIELDING	VOLTAGE	OPTIONS	SIZE	LAMP TYPE	DOOR STYLE	BALLAST	BASIC FIXTURE WEIGHTS
M46 Specification Grade Circular Regressed Static Troffer	2 Two 4 Four 6 Six 8 Eight	F Overlap Flange	OP Translucent White Lens	U 120V-277V 347 347V	GLR Fast Blow Fuse EL Emergency Battery Pack NYC NYC Compliant NYCU NYC Compliant, Union Label	2 2' Diameter 3 3' Diameter 4 4' Diameter	14 2', T5: 14 Watt 17 2', T8: 17 Watt 21 3', T5: 21 Watt 24 2', T5HO: 24 Watt 25 3', T8: 25 Watt 28 4', T5: 28 Watt 31U1 U-Bent, 1 7/8" Leg Spacing, T8: 31 Watt 32 4', T8: 32, 30, 28 or 25 Watt 32U6 U-Bent, 6" Leg Spacing, T8: 32 Watt 39 3', T5HO: 39 Watt 40TT Twin Tube Compact, 2G11 Base: 40 Watt 54 4', T5HO: 54 or 51 Watt	FS White Flush Steel (std.)	E Electronic T8, Instant Start 3E 3-Lamp Electronic T8, Instant Start 4E 4-Lamp Electronic T8, Instant Start 24E (1) 2-Lamp and (1) 4-Lamp Electronic T8, Instant Start EP Electronic T5 or T8, Programmed Start 3EP 3-Lamp Electronic T5 (HO only) or T8, Programmed Start 4EP 4-Lamp Electronic T5 (HO only) (N/A 347V) or T8, Programmed Start	M462 - 240U6F 33 lbs. M462 - 420F 37 lbs. M462 - 620F 42 lbs. M463 - 430F 59 lbs. M463 - 630F 63 lbs. M464 - 440F 86 lbs. M464 - 640F 90 lbs. M464 - 840F 94 lbs.

For others available, see Ballast Options.

**INSTALLATION DIMENSIONS**



**Legend**

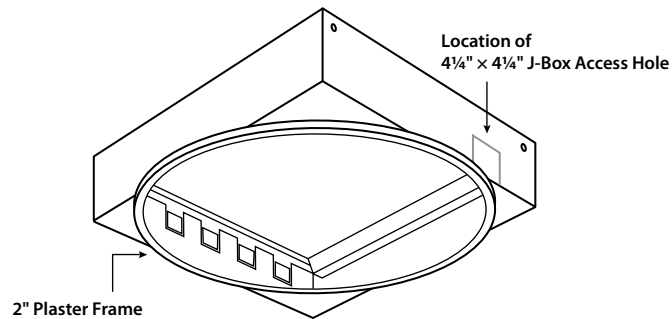
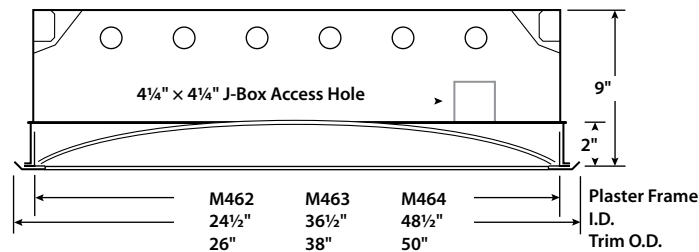
A: 1/2" Diameter rod mounting K.O.

Note: Fixture designed for Rod Hangers - by others.

M463 and M464 are furnished with four (4) each 7/8" wiring access K.O. on back pan.

M462 has two (2) each 7/8" wiring access K.O.'s on fixture ends only.

**DIMENSIONAL DATA**



Plaster frame is an integral part of fixture construction. It cannot be shipped separate from fixture.

**NOTE:** All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.