



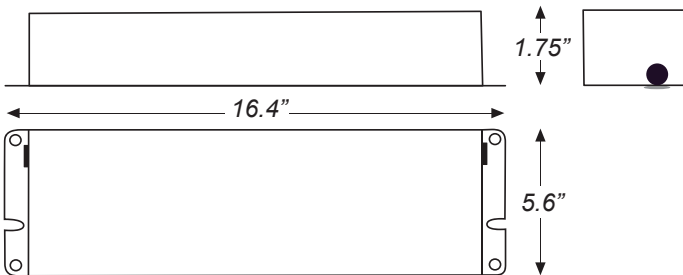
MF40-30-SD
Fluorescent Emergency Ballast 3000 Lumens with Self-Diagnostics



PROJECT: _____
 FIXTURE TYPE: _____
 LOCATION: _____
 CONTACT/PHONE: _____



DIMENSIONS



ILLUMINATION

- Works with or without an AC ballast to convert new or existing fluorescent fixtures in to unobtrusive emergency lighting.
- Operates one or two lamps in the emergency mode for a minimum of 90-minutes.
- Provides a maximum initial lumen output of 3000 lumens.

MOUNTING

- Suitable for installation inside, on top or in remote* of the fixture.
- Can be used in both switched and unswitched fixtures.
- UL Listed for factory or field installation.

ORDERING INFORMATION

Model	Description
MF40-30-SD	3000 Lumens Fluorescent Emergency Ballast with Time Delay and Self-Diagnostics

* When battery packs are remote mounted, the remote distance cannot exceed 1/2 of the distance from ballast to lamp specified by the A.C. ballast manufacturer. The maximum allowable remote mounting distance is 50 feet.

ELECTRICAL

- Universal 120-277 voltage.
- Charge rate/power “ON” LED indicator light and push-to-test switch for mandated code compliance testing.
- 14.4V long life, maintenance-free, rechargeable sealed NiCd battery.
- Internal solid-state transfer switch automatically connects the internal battery to fluorescent lamp(s) for minimum 90-minute emergency illumination.
- Fully automatic solid-state, two rate charger initiates battery charging to recharge a discharged battery in 24 hours.
- Time delay enhancement to overcome end-of-life circuit protection.
- Self-diagnostics feature performs monthly biannual and annual tests to ensure reliable operation and meet electrical and life safety codes.

HOUSING

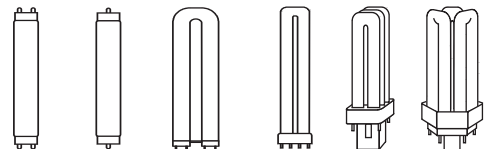
- Durable painted steel construction in red finish.
- Provided with 2' flex conduit.

WARRANTY/LISTING

- Five year warranty against defects in material and workmanship (lamps excluded).
- Meets UL924, NFPA 101 Life Safety Code, NEC, OSHA, Local and State Codes.
- UL Listed for damp locations (0°C – 50°C).
- Suitable for use in sealed and gasketed fixtures.

LAMP COMPATIBILITY

- Compatible with most one-, two-, three-, and four-lamp electronic standard and dimming AC ballasts.
- Operates one or two T5, T5HO, T8, T12, T8HO, T12HO, Circular T5/T9, U-bend T8/T12, 4-Pin CFL and long CFL lamps in emergency mode. Refer to the chart on the next page for a complete list of compatible lamps.



CERTIFIED

ORDERING EXAMPLE: MF40-30-SD



ELECTRICAL INFORMATION

CATALOG NUMBER	INPUT WATTS (W)		INPUT AMPS (A)	
	120V	277V	120V	277V
MF40-30-SD	14.3	14..3	0.17	0.09

LAMP COMPATIBILITY CHART

LAMP TYPE	WATTS	INITIAL LUMENS	
		1-Lamp	2-Lamp
T5	14	1150	1200
T5	21	1650	1750
T5	28	2250	2400
T5	35	2700	2800
T5HO	24	1750	1850
T5HO	39	2650	2750
T5HO	54	2900	3000
T8	17	1150	1200
T8	25	1650	1800
T8	28	1700	1800
T8	32	2850	2900
T8	40	2900	2950
T8HO	44	2900	n/a
T8	51	3000	n/a
T8	59	3000	n/a
T8HO	86	2950	n/a
T12	20	900	950
T12	25	1100	1200
T12	30	1550	1600

LAMP TYPE	WATTS	INITIAL LUMENS	
		1-Lamp	2-Lamp
T12	34	1700	1800
T12	40	2250	2400
T12	75	2950	n/a
T12	85	3000	n/a
T12HO	95	3000	n/a
T12HO	110	3000	n/a
T12HO	160	3000	n/a
T12HO	215	3000	n/a
CFL G24q-1	13	825	900
CFL G24q-2	18	925	1000
CFL G24q-3	21	1025	1100
CFL G24q-3	26	1250	1300
CFL G24q-3	32	1575	1700
CFL G24q-4	42	1750	1850
CFL G24q-5	57	2350	n/a
CFL 2G11	18	1100	1200
CFL 2G11	24	1350	1400
CFL 2G11	36	1650	1800
CFL 2G11	40	1750	1850
CFL 2G11	36	1650	1800

LAMP TYPE	WATTS	INITIAL LUMENS	
		1-Lamp	2-Lamp
CFL 2G11	40	1750	1850
CFL 2G11	50	2200	2300
CFL 2G11	55	2450	n/a
CFL 2G11	80	2750	n/a
CFL GR10q-4	10	575	650
CFL GR10q-4	16	775	900
CFL GR10q-4	21	1050	1200
CFL GR10q-4	28	1450	1550
CFL GR10q-4	38	1675	1800
CFL GR10q-4	55	2350	2500
Circular T9	20	750	800
Circular T9	32	1100	1250
Circular T9	40	1450	1600
Circular T5	22	1400	1550
Circular T5	40	1650	1800
Circular T5	55	2250	2400
U-bend T8	32	1100	1200
U-bend T12	34	1025	1100
U-bend T12	40	975	1050

NOTE: In 2-lamp operation, lumens are equally split between the two lamps.