

MERCURY DISCHARGE LAMPS

MERCURY DISCHARGE COLOUR CORRECTED TYPE MBF-U

The germanate based phosphor coating recently adopted for the MBF series raises the red content of the emitted light to about 9%, considerably improving the colour rendering properties and making these lamps very suitable for street lighting and interior lighting in factories or similar installations. The 250W and 400W MBF/U are interchangeable with and will provide direct replacements of standard MA/MB types.

Type	Volts	Watts	Cap.	Length mm.	Dia. mm.	Light Centre Length mm.	Price \$	Sales Tax
MBF/U	220/250	80	3 pin BC, ES	160	80	120	4.29	B
MBF/U	220/250	125	ES, GES, 3 pin BC	178	88	133	5.11	B
MBF/U	220/250	250	GES	223	90	150	9.20	B
MBF/U	220/250	400	GES	280	120	177.5	12.27	B
MBF/U	220/250	700	GES	320	143	208	16.87	B
MBF/U	410/450	1,000	GES	350	165	212	21.47	B

LIGHT OUTPUT AND RUNNING CHARACTERISTICS

Type	Watts	Nominal Average Output Throughout Life (Lumens)	P.F. Capacitor m.f.d.	Approximate Starting Current at 240 Volts		Nominal Running Current	
				Without Capacitor Amp.	With Capacitor Amp.	Without Capacitor Amp.	With Capacitor Amp.
MBF/U	80	2,850	8	1.35	0.8	0.8	0.48
MBF/U	125	5,000	8	1.55	1.12	1.10	0.67
MBF/U	250	11,000	15	2.91	2.27	2.2	1.4
MBF/U	400	20,000	20	5.6	3.87	3.2	2.3
MBF/U	700	33,600	28	8.88	6.84	5.3	3.85
MBF/U	1,000	52,000	5	6.78	6.1	3.6	3.1

Objective average life: 7,500 hours.

MERCURY DISCHARGE COLOUR CORRECTED TOPLITE REFLECTOR TYPE MBFR-U

This new lamp has an internal silvered bulb of specially designed contours. Manufactured with a hard glass outer bulb, the lamp is suitable for exposed situations with protection required for only the cap and holder.

Type	Volts	Watts	Cap.	Length mm.	Dia. mm.	Average Lumen Through Life	Price \$	Sales Tax
MBFR/U	220/250	250	GES	250	168	10,250	14.31	B
MBFR/U	220/250	400	GES	275	183	17,200	16.87	B
MBFR/U	220/250	700	GES	312	203	30,800	22.49	B
MBFR/U	410/450	1,000	GES	350	250	45,000	25.56	B

Objective average life: 7,500 hours.

Sales Tax B = 15% (No Supplementary Discount)

MERCURY DISCHARGE MA/V AND MB/U LAMPS

Osram mercury lamps are used in industry for workshop and yard lighting, also for street lighting, car parks, railway stations, bridges, city buildings, etc. Suitable for use on 200-260V A.C. supply only, and must be used in conjunction with a specially designed choke.

Type	Volts	Watts	Cap.	Length mm.	Dia. mm.	Light Centre Length mm.	Price \$	Sales Tax
MA/V	230/240, 250	250	GES	290	48	170	7.62	B
MB/U	230/240, 250	80	3 pin BC, ES	160	80	113	3.37	B
MB/U	230/240, 250	125	3 pin BC, ES	178	90	128	4.09	B
MB/U	230/240, 250	250	GES	290	48	170	8.38	B
MB/U	230/240, 250	400	GES	280	50	190	10.22	B
MB/U	415/450	1,000	GES	335	165	200	20.45	B

LIGHT OUTPUT AND RUNNING CHARACTERISTICS

Type	Watts	Nominal Average Output Throughout Life (Lumens)	P.F. Capacitor m.f.d.	Approximate Starting Current at 240 Volts		Nominal Current	
				Without Capacitor Amp.	With Capacitor Amp.	Without Capacitor Amp.	With Capacitor Amp.
MA/V	250	8,750	15	2.91	2.27	2.2	1.4
MB/U	80	2,700	8	1.35	0.8	0.8	0.48
MB/U	125	4,900	8	1.55	1.12	1.10	0.67
MB/U	250	11,000	15	2.91	2.27	2.2	1.4
MB/U	400	20,000	20	5.06	3.87	3.2	2.3
MB/U	1,000	52,000	5	6.78	6.1	3.6	3.1

Objective average life: 7,500 hours.