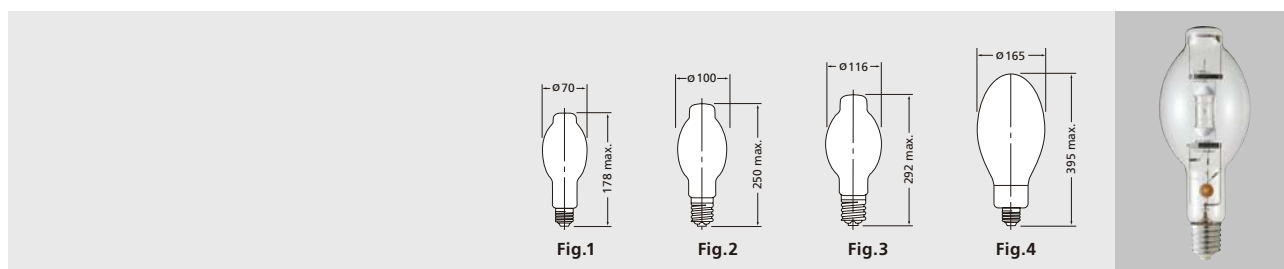


# EYE Multi Super Ace

(For use with Mercury ballast without ignitor.)



## PHYSICAL DATA AND CHARACTERISTICS

Type	Watts (W)	Bulb	Base	Std. Pkg. Qty.	M.O.L. (mm)	L.C.L. (mm)	Lamp		Initial Lumens (lm)	Rated Av. Life (hrs)	Burning position	Fig. No.
							Voltage (V)	Current (A)				
<b>Coated</b>												
MF125LSH/BU	125	BT70	E27	24	178	—	125	1.15	9400	9000	BU ± 15°	1
MF250LSH/U	250	BT100	E40	12	250	—	130	2.13	20000	15000	Any	2
MF400LSH/U	400	BT116	E40	12	292	—	135	3.25	38000	15000	Any	3
MF1000LS/U	1000	E165	E40	6	395	—	145	7.50	87000	9000	Any	5
<b>Coated with shatterproof coating</b>												
MF100LSH/BUP	100	BT70	E27	24	178	—	115	1.00	7500	9000	BU ± 15°	1
MF125LSH/BUP	125	BT70	E27	24	178	—	125	1.15	9400	9000	BU ± 15°	1
MF250LSH/BUP	250	BT100	E40	12	250	—	130	2.13	22000	15000	BU ± 15°	2
MF400LSH/BUP	400	BT116	E40	12	292	—	135	3.25	42000	15000	BU ± 15°	3
<b>Clear</b>												
M125LSH/BU	125	BT70	E27	24	178	115	125	1.15	10000	9000	BU ± 15°	1
M250LSH/U	250	BT100	E40	12	250	160	130	2.13	21500	15000	Any	2
M400LSH/U	400	BT116	E40	12	292	185	135	3.25	40000	15000	Any	3
<b>Clear with shatterproof coating</b>												
M100LSH/BUP	100	BT70	E27	24	178	115	115	1.00	8000	9000	BU ± 15°	1
M125LSH/BUP	125	BT70	E27	24	178	115	125	1.15	10000	9000	BU ± 15°	1
M250LSH/BUP	250	BT100	E40	12	250	160	130	2.13	23800	15000	BU ± 15°	2
M400LSH/BUP	400	BT116	E40	12	292	185	135	3.25	44000	15000	BU ± 15°	3

High efficacy flicker-less\* metal halide lamp with built-in FEC ignitor for use with ballast for mercury lamp without ignitor. The five-band\* multi-wavelength white light produces good colour rendering.

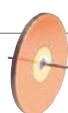
\* LSH type.

### Features

- Long lamp life
- Built-in FEC ignitor controls pulse voltage, width and phase. The controlled pulse reduces arc tube darkening and lumen depreciation increasing lamp life.
- Up to 110 lm/w high efficacy, 1.8 times greater than mercury lamps.
- Good colour rendering crisp white colour  
Coated: Ra 75, CCT=4200K (1000W: Ra 70, 3800K)  
Clear: Ra 70, CCT=4500K
- FEC protects ballast and wiring when lamp ceases to operate as the ignition pulse will be reduced to a harmless level.
- Shatterproof coated types available

Notes:

Warning / Caution notices: page 35



### FEC

- World's first switching capacitor that can resist the high temperature present in the lamp's outer jacket.

## EYE Multi Super Ace and mercury lamp ballast combination.

(Max. wiring distance from the ballast)

Type	Mercury lamp ballast (Reactor)	Allowable external capacitance*
MF125LSH/U	125W	1500pF
MF250LSH/U	250W	2500pF
MF400LSH/U	400W	5000pF
MF700LS/U	700W	5000pF
MF1000LS/U	1000W	5000pF

\* 100pF stray capacitance may be equivalent to about 1 meter length of twin cable.