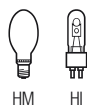




For 220 V 50 Hz:



OMB 50 – 250 W

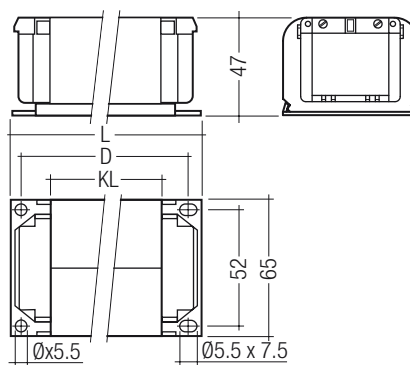
Mercury vapour lamps, metal halide lamps

Product description

- Compact dimensions
- Long service life
- Vacuum impregnation
- Nomex class H gap for fixed calibration
- Resistant to moisture and corrosion
- Very low noise level
- 100 % final testing, including continuity, high voltage, winding short-circuit and operating values

Technical data

Max. winding temperature tw	130 °C
Screw terminal	1.5 – 6 mm ²



Product matrix, page 192

Lamp matrix, page 194

Suitable ignitors, page 275

Ordering data

Weight	Packaging, carton	Packaging, pallet	Type	Article number
220 V 50 Hz				
1.40 kg	5 pieces	600 pieces	OMB 125-06 K 220/50 055A090	89000981
220 V 60 Hz				
1.85 kg	5 pieces	800 pieces	OMB 175-03 K 220/60 075A110	89000993
240 V 50 Hz				
0.80 kg	10 pieces	1,600 pieces	OMB 50 K 240/50 030A065	89001024
1.05 kg	10 pieces	1,600 pieces	OMB 80 K 240/50 040A075	89001030
1.65 kg	5 pieces	800 pieces	OMB 125 K 240/50 065A100	89000974
1.15 kg	5 pieces	800 pieces	OMB 125-00 K 240/50 045A100	89000976
1.65 kg	5 pieces	800 pieces	OMBS 125/110 K 240/50 065A100	89001049
2.00 kg	5 pieces	800 pieces	OMB 175 K 240/50 085A120	89000990
2.90 kg	5 pieces	800 pieces	OMB 250 K 240/50 120A155	89001000
2.10 kg	5 pieces	800 pieces	OMB 250-00 K 240/50 085A155	89001004
250 V 50 Hz				
0.80 kg	10 pieces	1,600 pieces	OMB 50-02 K 250/50 030A065	89001025
1.05 kg	10 pieces	1,600 pieces	OMB 80-03 K 250/50 040A075	89001033
1.65 kg	5 pieces	800 pieces	OMB 125-05 K 250/50 065A100	89000980

Specific technical data

Lamp wattage	Lamp type	Rated lamp current	Type [®]	Article number	Voltage	Mains frequency	Thermal protection	Length L	Hole spacing D1	Core length KL	Δ T	Losses	Circuit power	λ	Compensation, parallel (cos φ > 0.9)		
															Capacitor μF ± 10 %	Mains current	Mains start current
220 V 50 Hz																	
125 W	HM	1.15 A	OMB 125-06 K	89000981	220 V	50 Hz	no	90 mm	76 mm	55 mm	55 K	11.5 W	136.5 W	0.54	10 μF	0.69 A	1.04 A
220 V 60 Hz																	
175 W	HM / HI	1.50 A	OMB 175-03 K	89000993	220 V	60 Hz	no	110 mm	96 mm	75 mm	65 K	13.5 W	188.5 W	0.57	10 μF	0.95 A	1.57 A
240 V 50 Hz																	
50 W	HM / HI	0.61 A	OMB 50 K	89001024	240 V	50 Hz	no	65 mm	51 mm	30 mm	65 K	9.0 W	59.0 W	0.40	6 μF	0.27 A	0.36 A
80 W	HM	0.80 A	OMB 80 K	89001030	240 V	50 Hz	no	75 mm	61 mm	40 mm	65 K	9.5 W	89.5 W	0.47	7 μF	0.41 A	0.60 A
125 W	HM	1.15 A	OMB 125 K	89000974	240 V	50 Hz	no	100 mm	86 mm	65 mm	60 K	12.0 W	137.0 W	0.50	10 μF	0.63 A	0.96 A
125 W	HM	1.15 A	OMB 125-00 K	89000976	240 V	50 Hz	no	100 mm	86 mm	45 mm	65 K	15.5 W	140.5 W	0.51	10 μF	0.65 A	1.13 A
125 W	HM	1.15 A	OMBS 125/110 K	89001049	240 V	50 Hz	no	100 mm	86 mm	65 mm	70 K	13.0 W	138.0 W	0.50	10 μF	0.64 A	0.97 A
175 W	HM / HI	1.50 A	OMB 175 K	89000990	240 V	50 Hz	no	120 mm	106 mm	85 mm	65 K	16.0 W	191.0 W	0.53	12 μF	0.88 A	1.42 A
250 W	HM / HI	2.13 A	OMB 250 K	89001000	240 V	50 Hz	no	155 mm	141 mm	120 mm	65 K	19.5 W	269.5 W	0.53	18 μF	1.25 A	1.94 A
250 W	HM / HI	2.13 A	OMB 250-00 K	89001004	240 V	50 Hz	no	155 mm	141 mm	85 mm	70 K	24.5 W	274.5 W	0.54	18 μF	1.27 A	2.26 A
250 V 50 Hz																	
50 W	HM / HI	0.61 A	OMB 50-02 K	89001025	250 V	50 Hz	no	65 mm	51 mm	30 mm	65 K	11.7 W	61.7 W	0.40	6 μF	0.27 A	0.35 A
80 W	HM	0.80 A	OMB 80-03 K	89001033	250 V	50 Hz	no	75 mm	61 mm	40 mm	65 K	12.4 W	92.4 W	0.46	7 μF	0.41 A	0.57 A
125 W	HM	1.15 A	OMB 125-05 K	89000980	250 V	50 Hz	no	100 mm	86 mm	65 mm	60 K	14.2 W	139.2 W	0.48	10 μF	0.62 A	0.89 A

[®] Other wattages available on request.