

# Fibre optic MHR

Metal halide lamps for fibre optic systems. Special lamps; not suitable for general lighting purposes.

## Fibre optic MHR

\* High efficiency due to short axial arc and optimal lamp adjustment

\* Easy lamp replacement without re-adjustment  
\* Uses standard ballasts and ignitors

\* Ideal also for plastic fibres with a small diameter  
\* Hot re-ignition possible (MHR 100 D/HR and MHR 150 N)

Article no.	Designation	Base	Ø [mm]	Length [mm]	Burning position	Ignition voltage [kV]	Lamp current [A]	Nominal lamp power [W]	Rated lamp power [W]	Nominal luminous flux [lm]	Rated luminous flux [lm]	Ambient temperature for max. luminous flux [°C]	Rated lamp efficiency [lm/W]	Mercury content [mg]	Colour temperature [K]	Colour temperature [descr.]	Colour rendering index Ra / Colour rendering level	Nominal service life [h]	Weighted energy consumption [kWh/1 000 h]	Energy efficiency class
270220	MHR 100 D	3-pol. Stecker	71	70,0	p10	4	1,2	100	100	1 600	1 600	25°C	16	18	5 200	daylight white	Ra70-79/2A	6 000	110	B
270221	MHR 100 D/HR	5-pol. Stecker	71	70,0	p10	4	1,2	100	100	1 600	1 600	25°C	16	18	5 200	daylight white	Ra70-79/2A	6 000	110	B
270226 <sup>1)</sup>	MHR 100 D/L	5-pol. Stecker	71	70,0	p10	4	1,2	100	100	1 600	1 600	25°C	16	18	5 200	daylight white	Ra70-79/2A	6 000	110	B
270311	MHR 150 N	5-pol. Stecker	71	70,0	p10	4	1,8	150	150	2 000	2 000	25°C	13,3	26	4 200	neutral white	Ra70-79/2A	4 000	165	C
272312 <sup>1)</sup>	MHR 150 N/B	2-pol. Stecker	89	82,0	p10	4	1,8	150	150	4 500	4 500	25°C	30	22	4 200	neutral white	Ra80-89/1B	6 000	165	B
270411	MHR 250 N	5-pol. Stecker	95	94,0	p10	4	3	250	250	3 000	3 000	25°C	12	46	4 200	neutral white	Ra70-79/2A	5 000	275	D

## Accessories for Fibre optic MHR

Article no.	Designation
45000003 <sup>1)</sup>	Heat protection filter
45000004 <sup>1)</sup>	Lamp holder MHR 100/150
45000005 <sup>1)</sup>	Filter holder

1) On request; minimum order quantities may apply