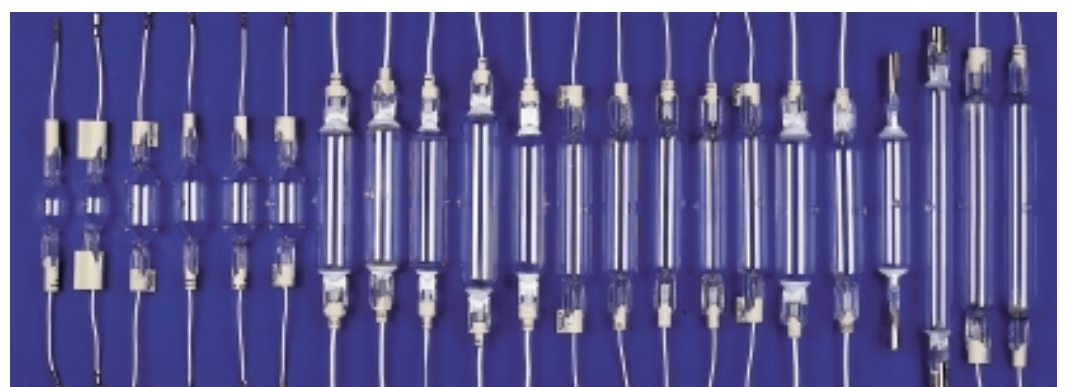
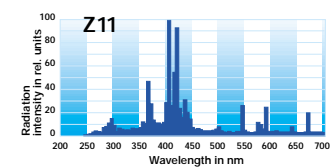
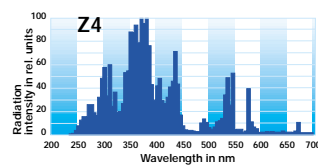
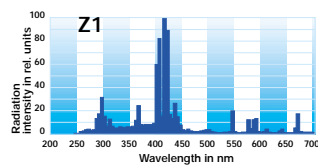




Metal-Halide lamp range

Power W	Operating voltage V	Current A	Total length mm	Arc length mm	Base	Spectrum	Type	Ident-No.
1000	120	10	131	29	1	Z1	RQ 1148 Z1 KC	56070407
1000	120	10	131	29	1	Z4	RQ 1148 Z4 KC	56069575
1000	120	11	130	29	2	Z1	RQ 1154 Z1 KC	45002205
1000	120	11	130	29	2	Z4	RQ 1154 Z4 KC	45002206
2000	220	11	134	49	3	Z1	RQ 2128 Z1 KC	45002002
2000	220	11	133	50	3	Z4	RQ 2128 Z4 KC	56069992
2000	220	11	130	49	10	Z1	RQ 2120 Z1 KC	45002207
2000	220	11	130	50	10	Z4	RQ 2120 Z4 KC	45002208
2000	220	9	187	106	4	Z4	Q 2123 Z4	56001358
2000	220	9	187	106	5	Z11	Q 2123 Z11	56001321
2000	250	10	187	108	5	Z4	Q 2131 Z4	56066463
2000	240	9	215	128	4	Z11	Q 2137 Z11	56001319
2000	250	10	187	108	4	Z11	Q 2231 Z11	56069639
3000	400	9	190	102	6	Z1	RQ 3148 Z1 KC	45002280
3000	400	9	192	102	6	Z4	RQ 3148 Z4 KC	45002281
3000	400	9	190	102	7	Z1	RQ 3147 Z1 KC	45002209
3000	400	9	190	102	7	Z4	RQ 3147 Z4 KC	45002210
4000	410	11	190	104	6	Z1	RQ 4128 Z1 KC	45000799
4000	400	11	190	104	6	Z4	RQ 4128 Z4 KC	56070313
4000	400	11	190	104	10	Z1	RQ 4129 Z1 KC	45002211
4000	410	11	185	104	10	Z4	RQ 4129 Z4 KC	45002212
4000	300	15	200	112	6	Z1	Q 4137 Z1	56001247
4000	280	16	190	104	6	Z1	Q 5127 Z1	55006626
3500	260	14	230	104	8	Z1	Q 5527 Z1	56001209
3400	260	14	230	104	8	Z4	Q 5528 Z4	56069684
4000	220	20	281	173	9	Z1	Q 5846 Z1	56001246
4000	240	18	281	184	9	Z4	Q 5846 Z4	56001348
5000	400	14	248	160	6	Z1	RQ 6138 Z1 KC	45000802
5000	400	14	248	160	6	Z4	RQ 6138 Z4 KC	56070822
5000	400	14	244	160	10	Z1	RQ 6139 Z1 KC	45002213
5000	400	14	242	159	10	Z4	RQ 6139 Z4 KC	45002214



Lamps with different power ranges

Bases for all reprographic equipment available on the market

We reserve the right to change the pictures and technical data of this leaflet.

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Heraeus

Heraeus Amba Australia Pty. Ltd
 Unit 3, 41-49 Norcal Road
 Nunawading, Victoria, 3131
 Australia
 Phone +61 (3) 9874 7455
 Telefax +61 (3) 9874 7488
 E-Mail sales@heraeus-amba.com.au
 Internet www.heraeus-amba.com.au



Reg. No. 39254

www.heraeus-amber.com.au

METAL HALIDE LAMPS FOR THE PRINTING INDUSTRY

METAL HALIDE LAMPS FOR THE PRINTING INDUSTRY

Heraeus

Metal halide lamps are generally used for high-resolution film exposures and in photo-polymerisation processes. Such processes are, for example, the exposure of diazo materials, microfilms, offset plates and screen coatings but also the exposure of coating films and photo-resistant materials in the production of circuit boards.

MH lamps are mercury lamps which have been adjusted to the spectral sensitivity of photo materials by adding metal halides. For the equipment available on the market the following three ranges are mainly used:

- Z1 for microfilm
- Z4 for coating film
- Z11 for other applications

The quality of MH lamps is seen in a long service life, short exposure times, small variations in exposure time during the life of the lamp, and reliable ignition. A quartz material is used for the lamps which absorbs UV radiation and prevents the formation of ozone.

During operation, the lamps are cooled by air. After switch-off, MH lamps should be allowed to cool down for a moment before they are switched on again. For a cold lamp the warm-up time to full performance is 2 to 3 minutes. A run-up from half-load mode, however, is possible in only a few seconds.

Heraeus supplies lamps for all reprographic equipment available on the market with a power range of 400 to 8000 W. Lamps will be developed to customer's requirements on special request.

For your safety: UV-C and UV-B radiation harms skin and eyes, therefore avoid exposure to direct radiation.

Heraeus Noblelight GmbH