

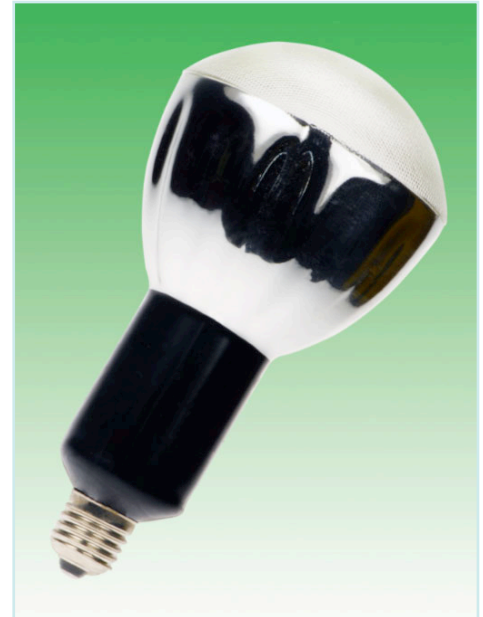
Sheet 140 - High Pressure Mercury Lamp HPR125

August 2009

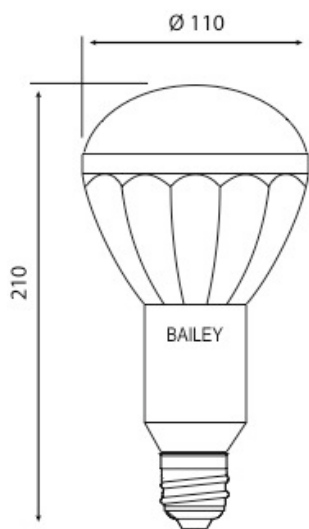
The HPR lamp has an internal reflector and incorporates a standard high pressure quartz mercury arc tube within its hard glass bulb to deliver a powerful bluishwhite light with strong actinic radiation.

The high actinic content of the beam makes the lamp particularly suitable for use in copy board equipment for black and white photographic copying and reproduction. The lamp also finds applications in the silk screen printing industry.

HPR lamps are fabricated from a glass which is mildly transmissive to ultraviolet radiation. It does not pass the shorter UV wavelengths emanating from the quartz discharge tube, but some actinic radiation down to about 300nm is transmitted.



Bailey type number	Description	Base	Voltage	Wattage
UVHPR125	Graphic UV	E27	120V	125W



Applications

- Reprography
- Plate-making
- Mining and metal detection
- Curing lacquers
- Food freshness checking
- Discovery of forgeries
- Insect killing
- Illumination of fluorescent signs and textiles