

Title (en)

METAL HALIDE LAMP WITH HIGH COLOUR RENDERING

Title (de)

METALLHALOGENIDLAMPE MIT HOHER FARBWIEDERGABE

Title (fr)

LAMPE À HALOGÉNURE DE MÉTAL AVEC UN RENDU DE COULEUR ÉLEVÉ

Publication

EP 2988318 A1 20160224 (EN)

Application

EP 15181266 A 20150817

Priority

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Abstract (en)

This invention relates to metal halide lamp comprising a discharge vessel, shape of which is optimized to obtain a high colour rendering with a low vessel wall temperature. Thus, the lower burner temperature allows for a long life lamp that also has a very good colour rendering. The shape of the discharge vessel is optimized by shape factor s l and aspect ratio f 0 and the size for a given shape is determined by the wall loading P D . Wherein wherein D outer diameter R l center part radius P l a lamp power L body length center part.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

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