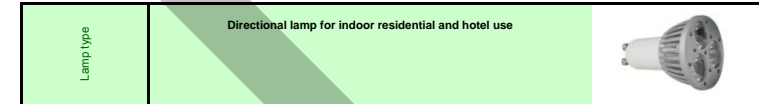


Participating Countries:
Australia, China, Denmark, France, Japan, The Netherlands,
Sweden, The United Kingdom, The United States of America

Comments on these Performance Tiers should
be submitted in writing to: ssl.annex@gmail.com
by February 1, 2012.

Solid State Lighting Annex 2010-2014

Date: November 1, 2011
Status: For Public Release
Author: IEA 4E SSL Annex



Equivalent wattage	Minimum Light Output	Minimum lamp luminous efficacy (lm/W)	Color temperature target (K) and tolerance	Chromaticity tolerance (Du,v)	Center beam/luminous intensity	Color spatial uniformity	Color Maintenance (A,u,v at 6,000h)	Luminous intensity distribution 0-180°	CRI	Lag start time (s)	Lumen Maintenance (Minimum time to L70)	Minimum Rated Lamp Lifetime (B50)	Flicker (Flicker Index)	Glare Luminance (cd/m2)	Minimum power factor	Harmonic distortion	Dimmer compatibility	Photobiological hazard class (UV & blue light)	Safety marking	Warranty Duration	RoHS Compliant	Recyclability (%)	Rapid Cycling Cycle on-off time TBD																																																																																																		
Tier 0 N/A: a large number of these products will be used in off grid applications where light has never been used before. Equivalency in these applications has no meaning.																																																																																																																									
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