



Light Source Information Leaflet

GENERAL

Spectral Type	Reflector of the sun (G2 V)
Product name	Moon
Light Generation Process	Reflection of sunlight (thermal radiation)
Application areas	General illumination, Influence on plants and animals
Primary energy	Sunlight (nuclear fusion of hydrogen to helium)

OPTICAL PROPERTIES

Emission maxima (watt)	665 nm (\pm 1.86 eV)
Centroid wavelength (counts)	671 nm (\pm 1.85 eV)
Full width @ half emission maximum (counts)	462 nm
Lumen equivalent	189 lm/W _{vis}
CIE1931 chromaticity coordinates (x, y)	0.364, 0.376
Color rendering index (R _a)	97
Color temperature	4480 K

PHYSICAL PROPERTIES

Input power	$1.30 \cdot 10^{16}$ W
Albedo (diffuse reflection efficiency)	12%

