



Light Source Information Leaflet

GENERAL

Type	Blue Light Fluorescent Lamp
Product name	Megaman Colour Blue 11 W
Light Generation Process	Low-pressure Hg discharge partly converted by phosphor screen (BaMgAl ₁₀ O ₁₇ :Eu ²⁺ Mn ²⁺)
Application areas	Decoration lighting
Primary energy	Alternating current (230 V, 50 Hz)

OPTICAL PROPERTIES

Emission maxima	435 nm (2.85 eV); 546 nm (2.27 eV); 451 nm (2.75 eV); 513 nm (2.42 eV)
Centroid wavelength	479 nm (2.59 eV)
Full width @ half emission maximum	Lines + 56.5 nm (451 nm Peak); 34.2 nm (513 nm Peak)
Lumen equivalent	167 lm/W _{opt.}
CIE1931 chromaticity coordinates (x, y)	0.156; 0.172
Color rendering index (R _a)	-
Color temperature	-

PHYSICAL PROPERTIES

Input power *	11 W _{el.}
Luminous efficiency	18 lm/W _{el.}
Luminous flux	194 lm

* Product data from manufacturer

