



Light Source Information Leaflet

GENERAL

Type	LED spotlight
Product name	Mueller Licht LED 8W
Light Generation Process	Electroluminescence of (In,Ga)N (blue) and PL of a phosphor screen (green, orange)
Application areas	General illumination
Primary energy	Alternating current (230 V, 50 Hz)

OPTICAL PROPERTIES

Emission maxima	606 nm (2.05 eV)
Centroid wavelength	593.2 nm (2.09 eV)
Full width @ half emission maximum	118 nm
Lumen equivalent	323 lm/W _{opt.}
CIE1931 chromaticity coordinates (x, y)	0.472, 0.424
Color rendering index (R _a)	81
Color temperature	2640 K

PHYSICAL PROPERTIES

Input power *	8 W _{el.}
Luminous efficiency	45 lm/W _{el.}
Luminous flux	358 lm

* Product data from manufacturer

