



Light Source Information Leaflet

GENERAL

Type	LED filament spotlight
Product name	Sygonix LED 5W
Light Generation Process	Electrolum. of (In,Ga)N (blue) and photolum. of a phosphor screen (green, orange)
Application areas	General illumination
Primary energy	Alternating current (230 V, 50 Hz)

OPTICAL PROPERTIES

Emission maxima	605.8 nm (2.05 eV)
Centroid wavelength	592.9 nm (2.09 eV)
Full width @ half emission maximum	107 nm
Lumen equivalent	327 lm/W _{opt}
CIE1931 chromaticity coordinates (x, y)	0.474, 0.419
Color rendering index (R _a)	81
Color temperature	2580 K

PHYSICAL PROPERTIES

Input power *	5 W _{el}
Luminous efficiency	47.4 lm/W _{el}
Luminous flux	237 lm

* Product data from manufacturer

