



Light Source Information Leaflet

GENERAL

Type	LED yellow (594 nm)
Product name	LED Super-Bright Kingbright
Light generation process	Electroluminescence of Gallium arsenid phosphide
Application areas	Signal and decoration illumination
Primary energy	Direct current (2 V, 20 mA)

OPTICAL PROPERTIES

Emission maxima	593 nm (± 2.09 eV)
Centroid wavelength	594 nm (± 2.09 eV)
Full width @ half emission maximum	15 nm
Lumen equivalent	480 lm/W _{opt}
CIE1931 chromaticity coordinates (x, y)	0.586, 0.413
Color rendering index (R _a)	-22
Color temperature	1598 K

PHYSICAL PROPERTIES

Input power *	40 mW _{el}
Luminous efficiency *	7 lm/W _{el}

* Product description from the manufacturer

