



Light Source Information Leaflet

GENERAL

Type	LED yellow (590 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	591 nm (± 2.10 eV)
Centroid wavelength	590 nm (± 2.10 eV)
Full width @ half emission maximum	14 nm
Lumen equivalent	512 lm/W _{opt}
CIE1931 chromaticity coordinates (x, y)	0.568, 0.431
Color rendering index (R _a)	-29
Color temperature	1801 K

PHYSICAL PROPERTIES

Input power *	40 mW _{el}
Luminous efficiency *	11 lm/W _{el}

* Product description from the manufacturer

