



Light Source Information Leaflet

GENERAL

Type	LED red (634 nm)
Product name	LED Super-Bright Kingbright
Light generation process	Electroluminescence of Aluminium gallium arsenide
Application areas	Signal and decoration illumination
Primary energy	Direct current (2 V, 20 mA)

OPTICAL PROPERTIES

Emission maxima	636 nm (± 1.92 eV)
Centroid wavelength	634 nm (± 1.92 eV)
Full width @ half emission maximum	16 nm
Lumen equivalent	169 lm/W _{opt}
CIE1931 chromaticity coordinates (x, y)	0.701, 0.298
Color rendering index (R _a)	-
Color temperature	<1000 K

PHYSICAL PROPERTIES

Input power *	40 mW _{el}
Luminous efficiency *	24 lm/W _{el}

* Product description from the manufacturer



