



# Light Source Information Leaflet

## GENERAL

Type	LED green (575 nm)
Product name	LED Super-Bright Kingbright
Light generation process	Electroluminescence of Aluminium gallium indium phosphide
Application areas	Signal and decoration illumination
Primary energy	Direct current (2.2 V, 20 mA)

## OPTICAL PROPERTIES

Emission maxima	566 nm ( $\pm$ 2.19 eV)
Centroid wavelength	575 nm ( $\pm$ 2.16 eV)
Full width @ half emission maximum	30 nm
Lumen equivalent	588 lm/W <sub>opt</sub>
CIE1931 chromaticity coordinates (x, y)	0.450, 0.547
Color rendering index (R <sub>a</sub> )	-8
Color temperature	3676 K

## PHYSICAL PROPERTIES

Input power *	44 mW <sub>el</sub>
Luminous efficiency *	1.1 lm/W <sub>el</sub>

\* Product description from the manufacturer

