



# Light Source Information Leaflet

## GENERAL

Type	LED green (572 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 (2.1 V, 20 mA)

## OPTICAL PROPERTIES

Emission maxima	571 nm ( $\pm$ 2.17 eV)
Centroid wavelength	572 nm ( $\pm$ 2.17 eV)
Full width @ half emission maximum	17 nm
Lumen equivalent	629 lm/W <sub>opt</sub>
CIE1931 chromaticity coordinates (x, y)	0.450, 0.548
Color rendering index (R <sub>a</sub> )	-23
Color temperature	3682 K

## PHYSICAL PROPERTIES

Input power *	42 mW <sub>el</sub>
Luminous efficiency *	2.1 lm/W <sub>el</sub>

\* Product description from the manufacturer

