



## Light Source Information Leaflet

### GENERAL

Type	LED green (523 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 (3.5 V, 20 mA)

### OPTICAL PROPERTIES

Emission maxima	515 nm ( $\pm$ 2.41 eV)
Centroid wavelength	523 nm ( $\pm$ 2.37 eV)
Full width @ half emission maximum	38 nm
Lumen equivalent	452 lm/W <sub>opt</sub>
CIE1931 chromaticity coordinates (x, y)	0.1645, 0.6957
Color rendering index (R <sub>a</sub> )	-18
Color temperature	-

### PHYSICAL PROPERTIES

Input power *	70 mW <sub>el</sub>
Luminous efficiency *	3.1 lm/W <sub>el</sub>

\* Product description from the manufacturer

