



Light Source Information Leaflet

GENERAL

Type	LED blau (444 nm)
Product name	Blaue LED Kingbright
Light generation process	Electroluminescence of Indium gallium nitride
Application areas	Signal and decoration illumination
Primary energy	Direct current (3,8 V, 20 mA)

OPTICAL PROPERTIES

Emission maxima	430 nm (\pm 2.88 eV)
Centroid wavelength	444 nm (\pm 2.79 eV)
Full width @ half emission maximum	60 nm
Lumen equivalent	56 lm/W _{opt}
CIE1931 chromaticity coordinates (x, y)	0.157, 0.064
Color rendering index (R _a)	-
Color temperature	>100000 K

PHYSICAL PROPERTIES

Input power *	76 mW _{el}
Luminous efficiency *	0.66 lm/W _{el}

* Product description from the manufacturer

