



Light Source Information Leaflet

GENERAL

Type	LED NIR 660 nm
Product name	LED 660 nm, 3 W
Light Generation Process	Electroluminescence of (Al,Ga)As
Application areas	Signal and decoration illumination
Primary energy	Direct current (3.0 V, 700 mA)

OPTICAL PROPERTIES

Emission maxima	661 nm (± 1.88 eV)
Centroid wavelength	657 nm
Full width @ half emission maximum	19 nm
Lumen equivalent	59 lm/W _{vis}
CIE1931 chromaticity coordinates (x, y)	0.722, 0.279
Color rendering index (R _a)	0
Color temperature	< 1000 K

PHYSICAL PROPERTIES

Input power	2.1 W _{el}
Luminous efficiency	11 lm/W _{el}
Output power	0.3 W _{vis}

