



## Light Source Information Leaflet

### GENERAL

Type	LED NIR 680 nm
Product name	LED 680 nm, 3 W
Light Generation Process	Electroluminescence of (Al,Ga)As
Application areas	Signal and decoration illumination
Primary energy	Direct current (2.7 V, 700 mA)

### OPTICAL PROPERTIES

Emission maxima	675 nm ( $\pm 1.84$ eV)
Centroid wavelength	669 nm
Full width @ half emission maximum	21 nm
Lumen equivalent	33 lm/W <sub>vis</sub>
CIE1931 chromaticity coordinates (x, y)	0.726, 0.274
Color rendering index (R <sub>a</sub> )	0
Color temperature	< 1000 K

### PHYSICAL PROPERTIES

Input power	1.9 W <sub>el</sub>
Luminous efficiency	7 lm/W <sub>el</sub>
Output power	0.4 W <sub>vis</sub>

