



## Light Source Information Leaflet

### GENERAL

Type	LED blau (459 nm)
Product name	Blue Touch Philips
Light generation process	Electroluminescence of Indium gallium nitride
Application areas	Pain therapy
Primary energy	Direct current (12 V, 1 A)

### OPTICAL PROPERTIES

Emission maxima	451 nm ( $\triangleq$ 2.75 eV)
Centroid wavelength	459 nm ( $\triangleq$ 2.70 eV)
Full width @ half emission maximum	20 nm
Lumen equivalent	38 lm/W <sub>opt</sub>
CIE1931 chromaticity coordinates (x, y)	0.153, 0.028
Color rendering index (R <sub>a</sub> )	-
Color temperature	>100000 K

### PHYSICAL PROPERTIES

Input power *	-
Luminous efficiency *	-

\* Product description from the manufacturer

