



## Light Source Information Leaflet

### GENERAL

Type	LED Plant Illumination Lamp
Product name	58 W LED Grow Light PAR38 Plant Light
Light Generation Process	Electroluminescence of (In,Ga)N and (Al, In,Ga)P semiconductor dies
Application areas	Plant growth
Primary energy	Alternating current (220 V, 50 Hz)

### OPTICAL PROPERTIES

Emission maxima	460 nm ( $\pm$ 2.70 eV), 632.5 nm ( $\pm$ 1.96 eV)
Centroid wavelength	-
Full width @ half emission maximum	24nm (460 nm Peak), 17nm (632.5 nm Peak)
Lumen equivalent	124 lm/W <sub>opt</sub>
CIE1931 chromaticity coordinates (x, y)	0.329, 0.131
Color rendering index (R <sub>a</sub> )	-
Color temperature	-

### PHYSICAL PROPERTIES

Input power *	15 W <sub>el</sub>
Luminous efficiency	21 lm/W <sub>el</sub>

\* Product data from manufacturer

