



Light Source Information Leaflet

GENERAL

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

OPTICAL PROPERTIES

Emission maxima	460 nm (± 2.70 eV), 632.5 nm (± 1.96 eV)
Centroid wavelength	-
Full width @ half emission maximum	24 nm (460 nm peak), 17 nm (632.5 nm peak)
Lumen equivalent	124 lm/W _{opt.}
CIE1931 chromaticity coordinates (x, y)	0.329, 0.131
Color rendering index (R _a)	-
Color temperature	-

PHYSICAL PROPERTIES

Input power *	15 W _{el}
Luminous efficiency	21 lm/W _{el}

* Product data from manufacturer

