



Light Source Information Leaflet

GENERAL

Type	Black Light Fluorescent Lamp
Product name	Brilliant 90660A06 13W
Light Generation Process	Low-pressure Hg discharge + Photoluminescence of $\text{SrB}_4\text{O}_7:\text{Eu}^{2+}$
Application areas	Advertisement lighting, Decoration lighting, Product anticounter feiting
Primary energy	Alternating Current (230 V, 50 Hz)

OPTICAL PROPERTIES

Emission maxima	353 nm (± 3.51 eV), 404 nm (± 3.07 eV), 435 nm (± 2.85 eV)
Centroid wavelength	372 nm (± 3.33 eV)
Full width @ half emission maximum	41 nm
Lumen equivalent	25 lm/ W_{opt}
CIE1931 chromaticity coordinates (x, y)	0.21, 0.11
Color rendering index (R_a)	-
Color temperature	-

PHYSICAL PROPERTIES

Input power *	13 W_{el}
Luminous efficiency	-

* Product description from the manufacturer

