



Light Source Information Leaflet

GENERAL

Type	Daylight lamp
Product name	Tageslichtlampe TL40 Brightlight, Fa. Beurer
Light Generation Process	Low-pressure Hg discharge + cold white color 80 phosphor blend
Application areas	Winter blues, general depression
Primary energy	Alternating current (230 V, 50 Hz)

OPTICAL PROPERTIES

Emission maxima	435 nm (\pm 2.85 eV), 544 nm (\pm 2.28 eV), 611 nm (\pm 2.03 eV)
Centroid wavelength	-
Full width @ half emission maximum	-
Lumen equivalent	321 lm/W _{opt}
CIE1931 chromaticity coordinates (x, y)	0.32, 0.35
Color rendering index (R _a)	80
Color temperature	6207 K

PHYSICAL PROPERTIES

Input power *	45 W _{el}
Luminous efficiency *	67 – 71 lm/W _{el}
Luminance intensity *	10000 lux

* Product date from manufacturer

