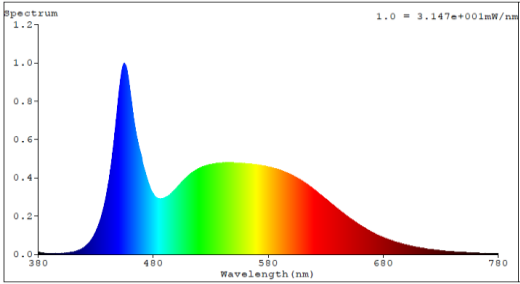


	Light Source Technical DataSheet
EAN	3276007961072
Supplier's name or trade mark	ZEIGER
Date of placement on the market (YYYY-MM-DD)	2025-10-01
Light sources maker model	HT-WILETS-50W-Z-LS
EPREL Registration number	1996504
Link to EU Product Data base	https://eprel.ec.europa.eu/screen/product/lightsources/1996504
Lighting technology used	LED
Non-directional (NDLS) or directional (DLS)	DLS
Light source cap-type	direct wired
Mains (MLS) or non-mains (NMLS)	MLS
Connected light source (CLS)	No
Colour-tuneable light source	No
High luminance light source	No
Anti-glare shield	No
Dimmable	no
Energy consumption in on-mode (kWh/1000h)	50
Useful luminous flux (lm)	4800
Beam angle correspondence (degrees)	120
Energy Efficiency Class	E
Correlated colour temperature type (K)	single value
Correlated colour temperature (K)	6500
On-mode power (W)	50.0
Standby power (W)	NA
Colour rendering index	80
Outer dimensions (Height) (millimetre)	30
Outer dimensions (Width) (millimetre)	174
Outer dimensions (Depth) (millimetre)	139
Spectral power distribution in the range 250 nm to 800 nm. at full-load	
Spectral power distribution (picture name)	Spectral Power Distribution-HT-WILETS-50W-Z-LS.jpg
Claim of equivalent power	Yes
Equivalent power (W)	302
Chromaticity coordinate (x)	0.313
Chromaticity coordinate (y)	0.337
Peak luminous intensity (cd)	2020
Beam angle (degree)	100°
R9 Colour rendering index	≥0
Survival factor	0.90
Lumen maintenance factor	0.96
Displacement factor	0.99
Colour consistency in McAdam ellipses	6
Flicker metric	0.087
Stroboscopic effect metric	NA
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	NO