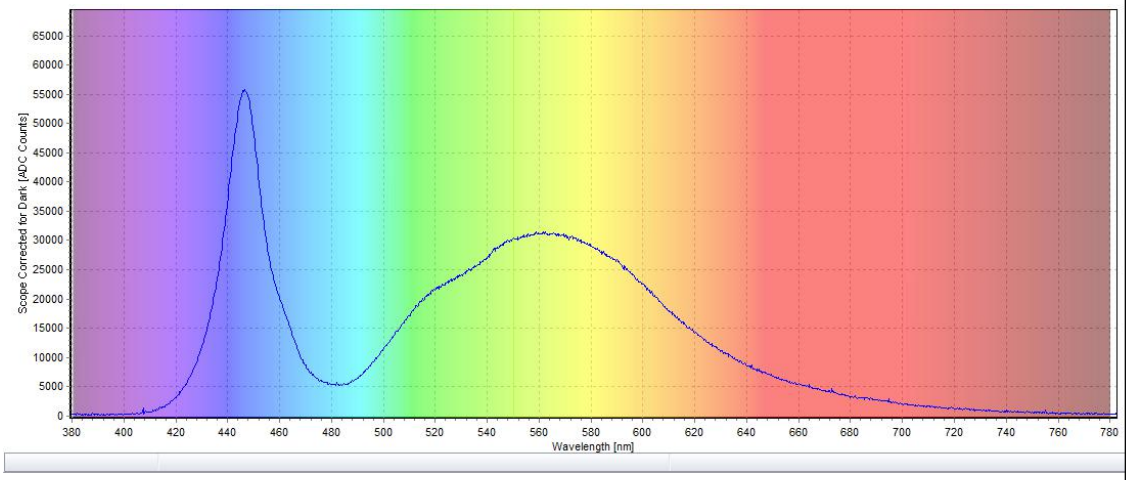
Public information

The Ecodesign for Energy-Related Products and Energy Information (Lighting Products) Regulations 2021

Model identifier:	PEN2114
Supplier's name or trade mark	Shenzhen Peisheng Network Technology Co., Ltd.
Type of light source	
Lighting technology used	☐ HL ☐ LFL T5 HE☐ LFL T5 HO ☐ CFLni ☐ other FL ☐ HPS ☐ MH ☐ other HID ☒ LED ☐ OLED ☐ mixed ☐ other
Non-directional or directional	☒ Directional ☐ Non-directional
Light source cap-type (or other electric interface)	Integrate
Mains or non-mains	☐ Mains ☒ Non-mains
Connected light source (CLS)	☐ Yes ☒ No
Colour-tuneable light source	☐ Yes ☒ No
Envelope (other HID)	☒ No ☐ Second ☐ Non-clear ☐ Second + Non-clear
High luminance light source:	☐ Yes ☒ No
Anti-glare shield	☐ Yes ☒ No
Dimmable	☒ Yes ☐ No ☐ Only with specific dimmers
General product parameters	
Parameters	5V ⎓
Energy consumption in on-mode (kWh/1000h)	1
Energy efficiency class	☐ A ☐ B ☐ C ☐ D ☒ E ☐ F ☐ G
Useful luminous flux (lm)	65
Beam angle correspondence	☐ Sphere (360°) ☒ Wide cone (120°) ☐ Narrow cone (90°)
Correlated colour temperature type	☒ Single value ☐ Range ☐ Steps
Correlated colour temperature (K)	5500
On-mode power (W)	0.68
Standby power (W)	-
Networked standby power for CLS (W)	-
Colour rendering index	83
Colour rendering index range (Minimum)	83
Colour rendering index range (Maximum)	83
Outer dimensions (Height) (millimetre)	440
Outer dimensions (Width) (millimetre)	15
Outer dimensions (Depth) (millimetre)	10
Claim of equivalent power	☐ Yes ☒ Not applicable

Equivalent power (W)	-
Chromaticity coordinates (x)	0.3335
Chromaticity coordinates (y)	0.3394
Spectral power distribution, at full-load	
	
Parameters for directional light sources	
Peak luminous intensity (cd)	20
Beam angle (degrees)	120
Beam angle (degrees) (Minimum)	120
Beam angle (degrees) (Maximum)	120
Parameters for LED and OLED light sources	
R9 colour rendering index	0
Survival factor	1
Lumen maintenance factor	0.96
Parameters for LED and OLED mains light sources	
Displacement factor	0.99
Colour consistency in McAdam ellipses	5
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	☐ Yes ☒ Not applicable
Replacement claim (W)	-
Flicker metric	-
Stroboscopic effect metric	-