

REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Amtech
S8146



General information

TYPE OF
LIGHT SOURCE

Lighting technology used	LED
Non-directional or directional	Non-directional
Light source cap-type (or other electric interface)	AC 220-240, 50/60 Hz
Mains or non-mains	Mains
Connected light source (CLS)	No
Colour-tuneable light source	No
High luminance light source	No
Anti-glare shield	No
Dimmable	No

ENERGY

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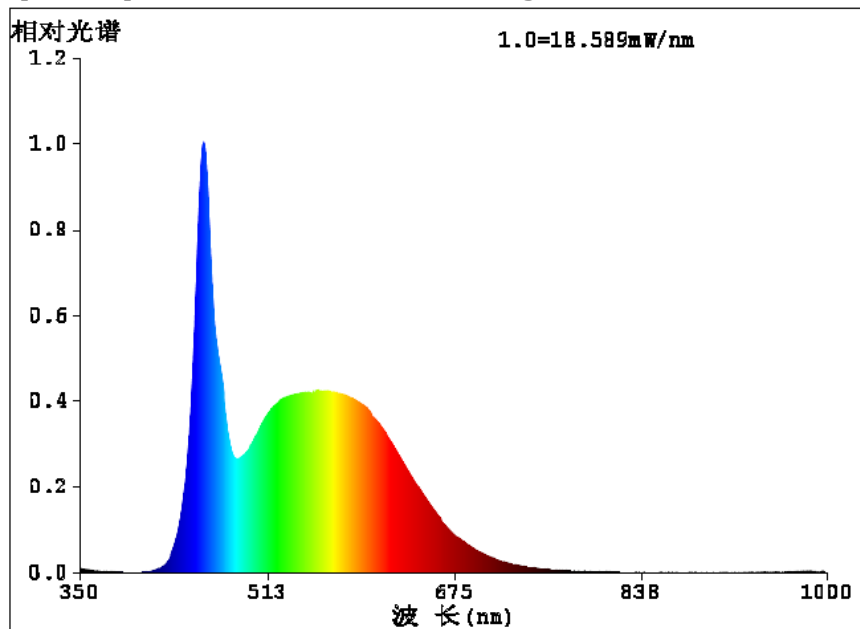
A
B
C
D
E
F
G

5
kWh/1000h

2021 No. 1095

GENERAL PRODUCT PARAMETERS	
Energy consumption in on-mode	5kWh/1000h
Useful luminous flux	525lm
Beam angle correspondence	360°
Correlated colour temperature	6 500K
On-mode power	4,5W
Standby power	0,00W
Colour rendering index	83
Outer dimensions	470(Height) x 40(Width) x 36(Depth)mm
Claim of equivalent power	No
Chromaticity coordinate	x: 0,313 y: 0,337

Spectral power distribution in the range 250 nm to 800 nm, at full-load



PARAMETERS FOR LED AND OLED LIGHT SOURCES

R9 Colour rendering index	10
Survival factor	-
Lumen maintenance factor	-

PARAMETERS FOR LED AND OLED MAINS LIGHT SOURCES

Displacement factor	0,50
Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	No
Flicker metric	1,0
Stroboscopic effect metric	0,9