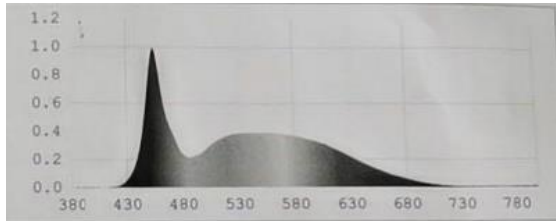


ENERGY CONSERVATION

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

Product information sheet

Supplier's name or trade mark: MiniSun			
Supplier's address: 4 Omega Drive, Irlam, Manchester, M44 5GR			
Model identifier: 16135			
Type of light source: LED			
Lighting technology used:	led	Non-directional or directional:	Non-directional
Light source cap-type (or other electric interface)	/		
Mains or non-mains:	mains	Connected light source (CLS):	no
Colour-tuneable light source:	no	Envelope:	[no/second/non-clear]
High luminance light source:	no		
Anti-glare shield:	no	Dimmable:	no
Product parameters			
Parameter	Value	Parameter	Value
General product parameters			
Energy consumption in on-mode (kWh/1,000 h) rounded up to the nearest integer	2kWh/1000h	Energy efficiency class	F
Useful luminous flux (Φ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	135lm	Correlated colour temperature, rounded to the nearest 100K, or the range of correlated colour temperatures, rounded to the nearest 100K, that can be set	7000k

On-mode power (P_{on}), expressed in W	2W		Standby power (P_{sb}), expressed in W and rounded to the second decimal point	
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal point	2W		Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	≥ 80
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	25	Spectral power distribution in the range 250 nm to 800 nm, at full-load	[graphic] 
	Width	40		
	Depth	/		
Claim of equivalent power (see paragraph [2(1) and (2)])	NO		If yes, equivalent power (W)	x
			Chromaticity coordinates (x and y)	0.30 0.33
Parameters for directional light sources:				
Peak luminous intensity (cd)	NA		Beam angle in degrees, or the range of beam angles that can be set	NA
Parameters for LED and OLED light sources:				
R9 colour rendering index value	/		Survival factor	0.9
The lumen maintenance factor	0.95			
Parameters for LED and OLED mains light sources:				
Displacement factor ($\cos \phi_1$)	x.xx		Colour consistency in McAdam ellipses	x
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage (see paragraph [2(3)]).	NO		If yes then replacement claim (W)	x
Flicker metric ($P_{st LM}$)	x.x		Stroboscopic effect metric (SVM)	x.x

