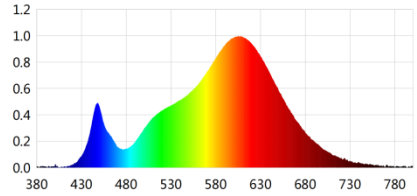
ENERGY CONSERVATION

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: 19835			
Type of light source: LED GU10			
Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
Mains or non-mains:	MLS	Connected light source (CLS):	YES
Colour-tuneable light source:	NO	Envelope:	second
High luminance light source:	YES		
Anti-glare shield:	NO	Dimmable：	YES
Product parameters			
Parameter	Value	Parameter	Value
General product parameters			
Energy consumption in on-mode (kWh/1,000 h) rounded up to the nearest integer	5kWh/1,000 h	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°)	430LM wide cone	Correlated colour temperature, rounded to the nearest 100K, or the range of correlated colour temperatures, rounded to the nearest 100K, that can be set	2800K-3200K
On-mode power (P_{on}), expressed in W	5.0W	Standby power (P_{sb}), expressed in W and rounded to the second decimal point	0.2
Networked standby power (P_{net}) for CLS, expressed in W	x.xx	Colour rendering index, rounded to the nearest	CRI＞80

and rounded to the second decimal pointCLS			integer, or the range of CRI-values that can be set	
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	53	Spectral power distribution in the range 250 nm to 800 nm, at full-load	[graphic] 
	Width	50		
	Depth	x		
Claim of equivalent power (see paragraph [2(1) and (2)])	[yes/-]		If yes, equivalent power (W)	
			Chromaticity coordinates (x and y)	x=0.4400 y=0.4030
Parameters for directional light sources:				
Peak luminous intensity (cd)	180cd		Beam angle in degrees, or the range of beam angles that can be set	[x/x…x]100°
Parameters for LED and OLED light sources:				
R9 colour rendering index value	95		Survival factor	90%
The lumen maintenance factor	90%			
Parameters for LED and OLED mains light sources:				
Displacement factor (cos ϕ1)	＞0.5		Colour consistency in McAdam ellipses	＜6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage (see paragraph [2(3)].	YES		If yes then replacement claim (W)	-60W
Flicker metric (Pst LM)	Pst≤1.0		Stroboscopic effect metric (SVM)	SVM≤0.4