

# ENERGY CONSERVATION

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

### Product information sheet

<b>Supplier's name or trade mark: MiniSun</b>			
<b>Supplier's address: 4 Omega Drive, Irlam, Manchester, M44 5GR</b>			
<b>Model identifier: 19639</b>			
<b>Type of light source: LED</b>			
Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	MLS	Connected light source (CLS):	NO
Colour-tuneable light source:	NO	Envelope:	-
High luminance light source:	NO		
Anti-glare shield:	NO	Dimmable:	NO
<b>Product parameters</b>			
Parameter	Value	Parameter	Value
<b>General product parameters</b>			
Energy consumption in on-mode (kWh/1,000 h) rounded up to the nearest integer	5	Energy efficiency class	F
Useful luminous flux ( $\Phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	450 in Sphere (120°)	Correlated colour temperature, rounded to the nearest 100K, or the range of correlated colour temperatures, rounded to the nearest 100K, that can be set	6500K
On-mode power ( $P_{on}$ ), expressed in W	5	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal point	0.00
Networked standby power	-	Colour rendering index,	83

( $P_{net}$ ) for CLS, expressed in W and rounded to the second decimal point		rounded to the nearest 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	58	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	50	
	Depth	50	
Claim of equivalent power (see paragraph [2(1) and (2)])	-	If yes, equivalent power (W)	40w
		Chromaticity coordinates (x and y)	0.445 0.406
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)		Beam angle in degrees, or the range of beam angles that can be set	
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	6	Survival factor	1.00
The lumen maintenance factor	0.95		
<b>Parameters for LED and OLED mains light sources:</b>			
Displacement factor ( $\cos \phi_1$ )	0.92	Colour consistency in McAdam ellipses	1.7
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage (see paragraph [2(3)]).	- (b)	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0.027	Stroboscopic effect metric (SVM)	0.026