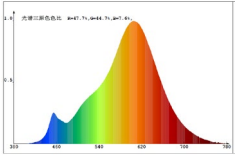


# ENERGY CONSERVATION

## 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:20325 / 20318</b>			
<b>Type of light source: LED</b>			
Lighting technology used:	LED	Non-directional	NDLS
Light source cap-type (or other electric interface)	E27/B22		
Mains or non-mains:	MLS	Connected light source (CLS):	no
Colour-tuneable light source:	no	Envelope:	clear
High luminance light source:	no		
Anti-glare shield:	yes	Dimmable:	N
<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	4	Energy efficiency class	E
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°)	440 in [sphere]	Correlated colour temperature, rounded to the nearest 100K, or the range of correlated colour temperatures, rounded to the nearest 100K, that can be set	2700K
On-mode power ( $P_{on}$ ), expressed in W	4	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	--	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	140	Spectral power distribution in the range 250 nm to 800 nm, at full-load	
	Width	64		
	Depth	64		
Claim of equivalent power (see paragraph [2(1) and (2)])	--		If yes, equivalent power (W)	--
			Chromaticity coordinates (x and y)	0.472 0.424
<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	330
<b>Parameters for LED and OLED light sources:</b>				
R9 colour rendering index value	>0		Survival factor	90%
The lumen maintenance factor	95.8%			
<b>Parameters for LED and OLED mains light sources:</b>				
Displacement factor (cos $\phi_1$ )	--		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)]).	--		If yes then replacement claim (W)	--
Flicker metric (Pst LM)	<1.0		Stroboscopic effect metric (SVM)	<0.4