

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:20325 / 20318			
Type of light source: LED			
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
Product parameters			
Parameter	Value	Parameter	Value
General product parameters			
Energy consumption in on-mode (kWh/1,000 h) rounded up to the nearest integer	4	Energy efficiency class	E
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°)	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
Parameters for directional light sources:			
Peak luminous intensity (cd)	--	Beam angle in degrees, or the range of beam angles that can be set	330
Parameters for LED and OLED light sources:			
R9 colour rendering index value	>0	Survival factor	90%
The lumen maintenance factor	95.8%		
Parameters for LED and OLED mains light sources:			
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 ($P_{st LM}$)	<1.0	Stroboscopic effect metric (SVM)	<0.4