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	2700К			
On-mode power (Pon), 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 Width	140	Spectral power distribution in the range 250 nm to 800 nm, at full-load	N. P. CREDROCK Self Number 1 and A.		
	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 φ1)			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		