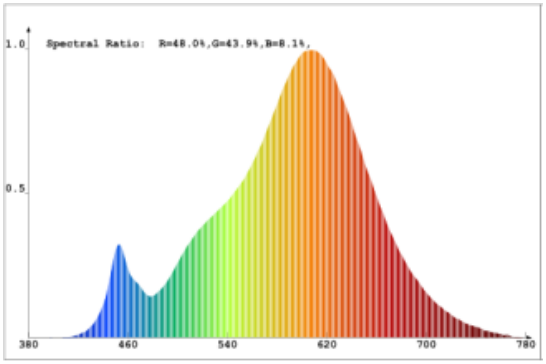
ENERGY CONSERVATION

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

Product information sheet

Supplier's name or trademark: MiniSun			
Supplier's address: 4 Omega Drive, Irlam, Manchester, M44 5GR			
Model identifier: 20704			
Type of light source: LED E27			
Lighting technology used:	LED	Non-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:	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°)	440Lm 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	108	Spectral power distribution in the range 250 nm to 800 nm, at full-load	
	Width	60		
	Depth	60		
Claim of equivalent power (see paragraph [2(1) and (2)])	--		If yes, equivalent power (W)	--
			Chromaticity coordinates (x and y)	0.467 0.419
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