

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: 19638			
Type of light source: LED			
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
Product parameters			
Parameter	Value	Parameter	Value
General product parameters			
Energy consumption in on-mode (kWh/1,000 h) rounded up to the nearest integer	5	Energy efficiency class	F
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°)	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 (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	83

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	See image in last page
	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
Parameters for directional light sources:				
Peak luminous intensity (cd)			Beam angle in degrees, or the range of beam angles that can be set	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	6		Survival factor	1.00
The lumen maintenance factor	0.95			
Parameters for LED and OLED mains light sources:				
Displacement factor (cos ϕ_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