

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: MONO LIGHTING

Supplier's address: Yassiören Mah. Hadımköy Cad. No:162 Arnavutköy - İSTANBUL / TÜRKİYE

Model identifier: 100-100040-651

Type of light source:

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/1000 h), rounded up to the nearest integer	10	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°)	1000 in Sphere (360°)	Correlated colour temperature, rounded to the nearest 100 K or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	6400
On-mode power (P_{on}), expressed in W	10	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,00
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal		Colour rendering index, rounded to the nearest integer or the range of CRI-values that can be set	85

Product parameters			
Parameter	Value	Parameter	Value
General product parameters:			
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	112	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	60	
	Depth	60	
Claim of equivalent power	Yes	If yes, equivalent power (W)	75
		Chromaticity coordinates (x and y)	0,321 0,335
Parameters for LED and OLED light sources:			
R9 colour rendering index value	18	Survival factor	0,95
The lumen maintenance factor	0,93		
Parameters for LED and OLED mains light sources:			
Displacement factor (cos ϕ_1)	0,71	Colour consistency in McAdam ellipses	≤ 6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage	not applicable	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	$\leq 1,0$	Stroboscopic effect metric (SVM)	$\leq 0,4$
<p>The graph displays the relative spectrum of the light source. The y-axis represents the Relative Spectrum from 0.0 to 1.0, and the x-axis represents the Wavelength in nanometers (nm) from 380 to 780. A prominent blue peak is observed at approximately 450 nm with a relative intensity of 1.0. A secondary, broader band of light extends from approximately 480 nm to 780 nm, with a peak relative intensity of about 0.55 around 580 nm. The spectrum is color-coded: blue (450 nm), cyan (500 nm), green (550 nm), yellow (600 nm), orange (650 nm), and red (700 nm).</p>			