

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: 130-250100-651

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
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General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	25	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°)	2500 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	6500
On-mode power (P_{on}), expressed in W	25	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	173	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	100	
	Depth	100	
Claim of equivalent power	Yes	If yes, equivalent power (W)	185
		Chromaticity coordinates (x and y)	0.3164 0.3326
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)	0,94	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 spectral power distribution (SPD) of the light source. The x-axis represents wavelength in nanometers (nm), ranging from 380 to 780 nm with major ticks every 50 nm. The y-axis represents relative intensity, ranging from 0.0 to 1.2 with major ticks every 0.2. The SPD curve shows a prominent, narrow blue peak at approximately 450 nm with a relative intensity of 1.0. Following this peak, there is a dip and then a broad, multi-colored band of light extending from approximately 480 nm to 700 nm. This band is filled with a rainbow gradient, with the highest intensity (around 0.5) occurring between 500 nm and 600 nm. The intensity gradually decreases towards the red end of the spectrum, reaching near zero by 780 nm.</p>			