

# 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:** 130-150080-651

## 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	15	Energy efficiency class	F
Useful luminous flux ( $\phi_{use}$ ), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	1450 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	15	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
<b>General product parameters:</b>			
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	146	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	80	
	Depth	80	
Claim of equivalent power	Yes	If yes, equivalent power (W)	110
		Chromaticity coordinates (x and y)	0.3130 0.3370
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	18	Survival factor	0,95
The lumen maintenance factor	0,93		
<b>Parameters for LED and OLED mains light sources:</b>			
Displacement factor (cos $\phi$ 1)	0,97	Colour consistency in McAdam ellipses	$\leq 6$
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 blue peak at approximately 450 nm with a relative intensity of 1.0. Following this peak, there is a secondary, broader peak that spans from approximately 480 nm to 700 nm, with a maximum relative intensity of about 0.5. This secondary peak is multi-colored, transitioning from cyan at 480 nm, through green, yellow, and orange, to red at 700 nm. The intensity drops to near zero by 750 nm.</p>			