

# Product Information Sheet

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

**Supplier's name or trade mark:** MÜLLER-LICHT

**Supplier's address:** MÜLLER-LICHT International GmbH, Goebelstrasse 61/63, DE 28865 Lilienthal, DE

**Model identifier:** 401028B

## Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	GU10		
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	5	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°)	345 in Narrow cone (90°)	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	2 700
On-mode power ( $P_{on}$ ), expressed in W	4,5	Standby power ( $P_{sb}$ ), expressed in W and rounded to the second decimal	-
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	80
Outer dimensions without separate control gear, light-	Height	53	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	50	
	Depth	50	
			See image in last page

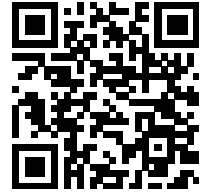
ing control parts and non-lighting control parts, if any (millimetre)			
Claim of equivalent power <sup>(a)</sup>	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,436 0,393
<b>Parameters for directional light sources:</b>			
Peak luminous intensity (cd)	750	Beam angle in degrees, or the range of beam angles that can be set	36
<b>Parameters for LED and OLED light sources:</b>			
R9 colour rendering index value	0	Survival factor	0,90
the lumen maintenance factor	0,90		
<b>Parameters for LED and OLED mains light sources:</b>			
displacement factor (cos $\phi_1$ )	0,92	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	.. <sup>(b)</sup>	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	0,9	Stroboscopic effect metric (SVM)	0,9

(a)'.': not applicable;

(b)'.': not applicable;



Model placed on the Union market from 01/12/2021



**EPREL registration number:** 697409

<https://eprel.ec.europa.eu/qr/697409>

**Supplier:** MÜLLER-LICHT International GmbH (Manufacturer)

**Website:** [www.mueller-licht.de](http://www.mueller-licht.de)

**Customer care service:**

**Name:** MÜLLER-LICHT International GmbH

**Website:** [www.mueller-licht.de](http://www.mueller-licht.de)

**Email:** [r.haupt@mueller-licht.de](mailto:r.haupt@mueller-licht.de)

**Phone:** +49 4298 93700

**Address:**

Goebelstrasse 61/63  
DE 28865 Lilienthal  
Germany