

Product Information Sheet

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

Supplier's name or trade mark: LED-Studien

Supplier's address: Technische Abteilung, Mühlenweg 15, 04451 Borsdorf, DE

Model identifier: LK107

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	solder pads		
Mains or non-mains:	NMLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Only with specific dimmers

Product parameters

Parameter	Value	Parameter	Value
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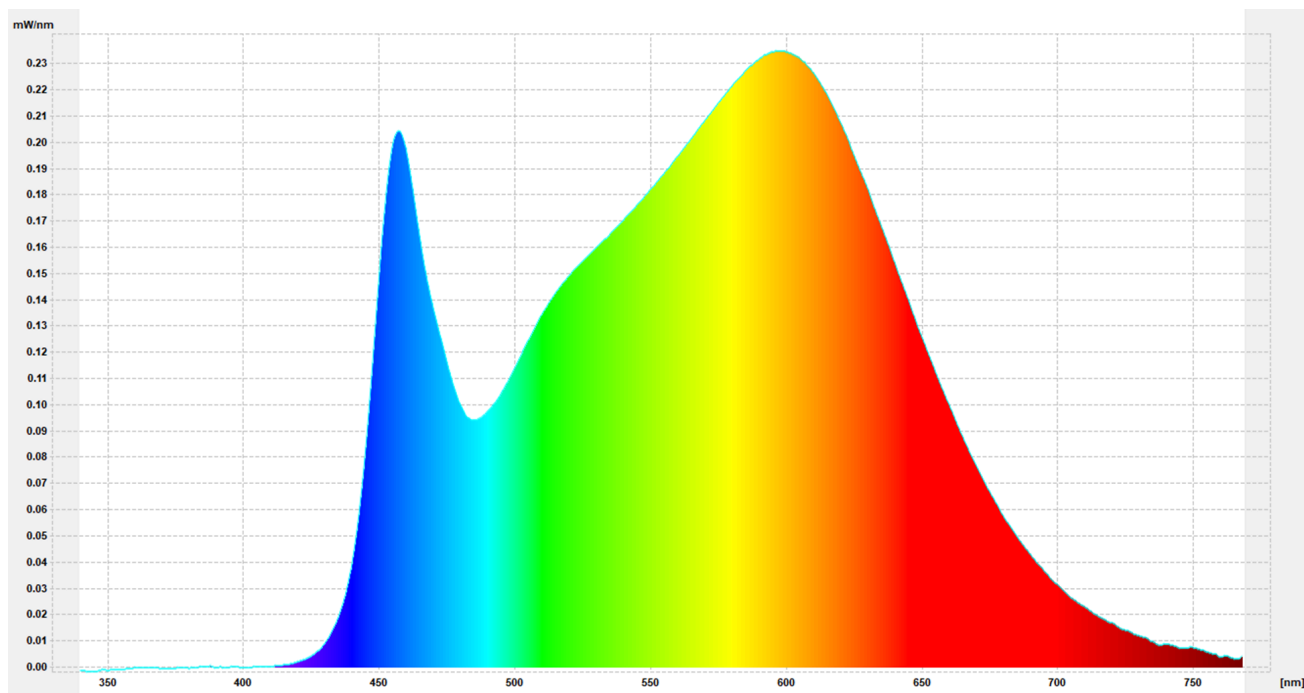
General product parameters:

Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer		5	Energy efficiency class	D
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°)		800 in Wide cone (120°)	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	3 800
On-mode power (P_{on}), expressed in W		5,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,28
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal		0,28	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	84
Outer dimensions without separate control gear, light-	Height	2	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	10		
	Depth	1 000		

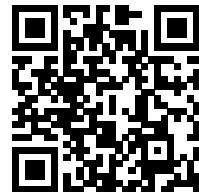
ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,393 0,395	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	13	Survival factor	1,00	
the lumen maintenance factor	0,96			

(a) '-': not applicable;

(b) '-': not applicable;



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



EPREL registration number: 1090274

<https://eprel.ec.europa.eu/qr/1090274>

Supplier: LED-Studien GmbH (Importer)

Website: www.led-studien.de

Customer care service:

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