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: LK04-18c-60

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):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Only with specific dimmers

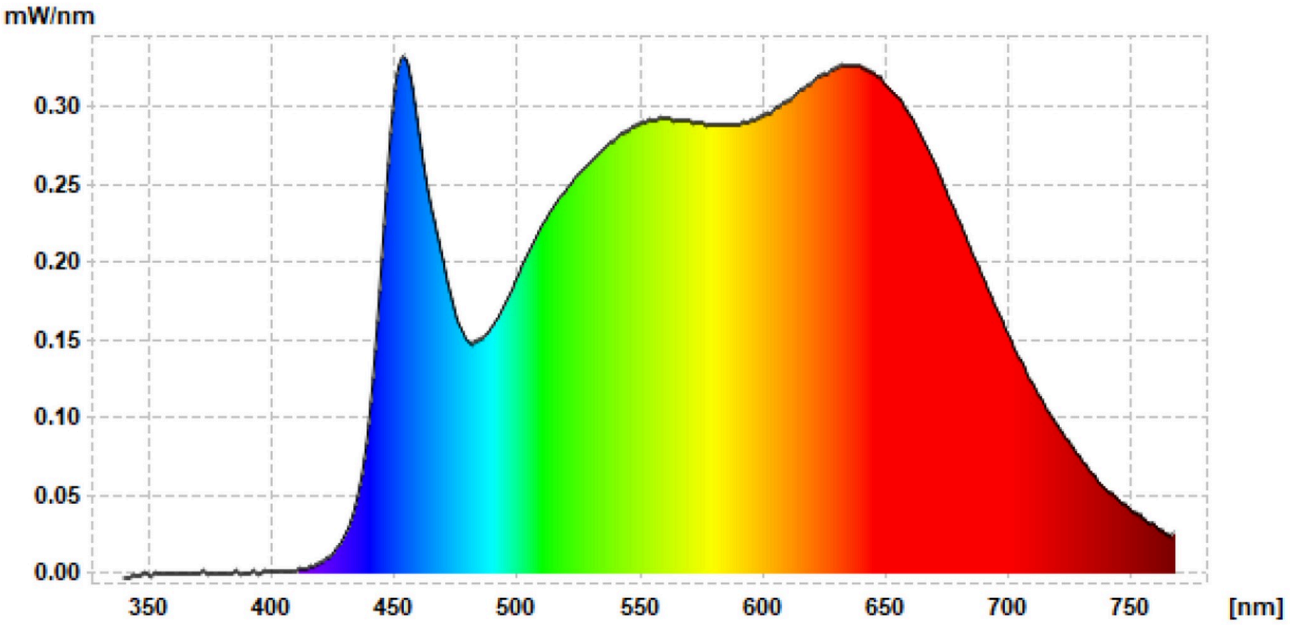
Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	22	Energy efficiency class	E
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	2 720 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	6 000
On-mode power (P_{on}), expressed in W	22,0	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	98
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	12		
	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)	0,323 0,336
Parameters for LED and OLED light sources:				
R9 colour rendering index value		91	Survival factor	1,00
the lumen maintenance factor		0,96		

[a] '-' : not applicable;

[b] '-' : not applicable;


mW/nm
0.30
0.25
0.20
0.15
0.10
0.05
0.00
350
400
450
500
550
600
650
700
750
[nm]

Model placed on the Union market from 01/09/2021

EPREL registration number: 944107

https://eprel.ec.europa.eu/qr/944107

Supplier: LED-Studien GmbH (Importer)

Website: www.led-studien.de

Customer care service:

Name: Technische Abteilung

Website: www.led-studien.de

Email: info@led-studien.de

Phone: +4934198998330

Address:
Mühlenweg 15
04451 Borsdorf
Germany