

Product Information Sheet

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

Supplier's name or trade mark: LUMINES Lighting

Supplier's address: LED Labs Sp. z o.o., ul. Zakopiańska 2C, 30-418 Kraków Polska

Model identifier: LUM-ILEDOS180-4K

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	DLS
Light source cap-type (or other electric interface)	terminal block		
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

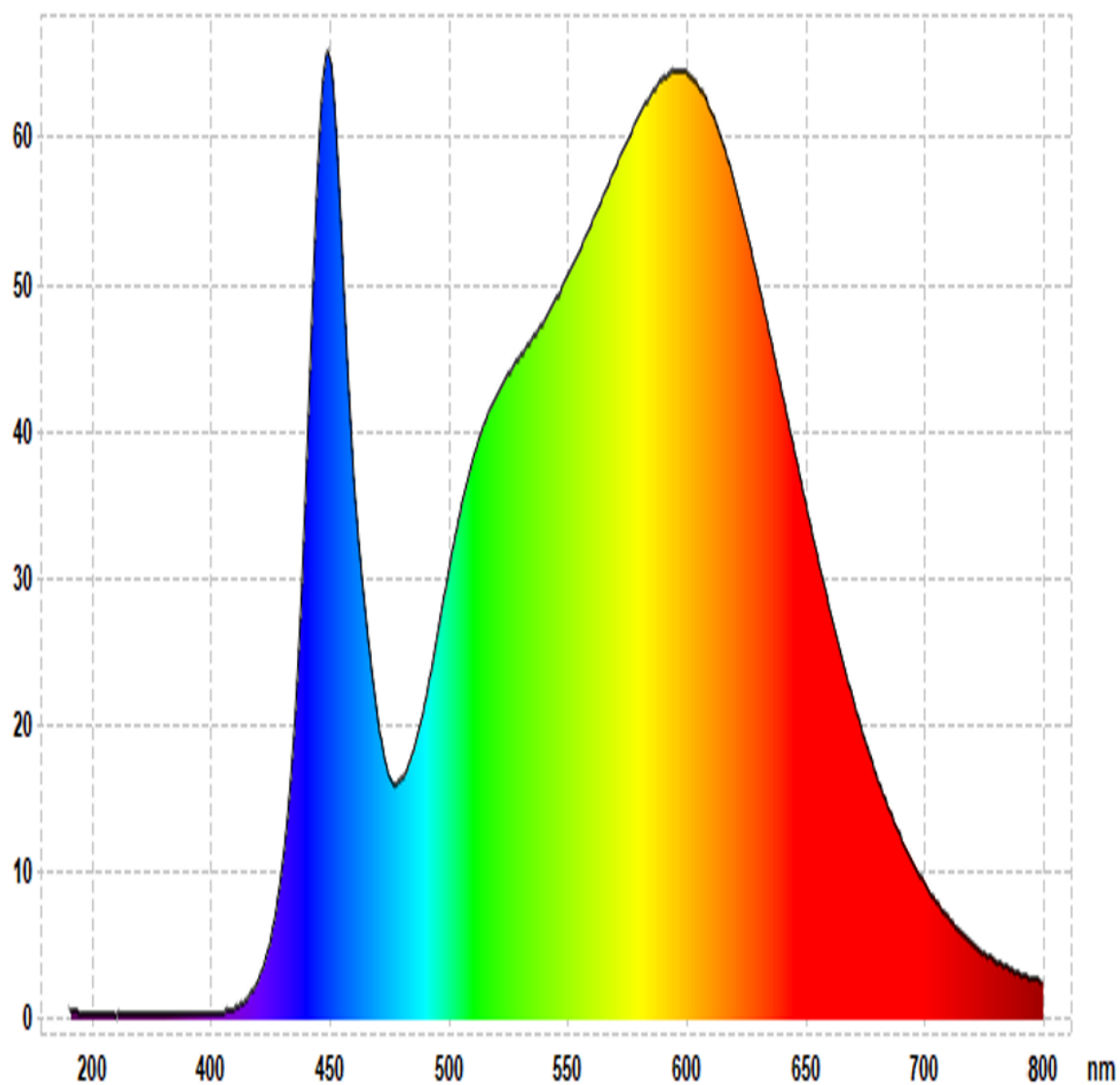
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	56	Energy efficiency class	F
Useful luminous flux (ϕ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)	4 670 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	3 900
On-mode power (P_{on}), expressed in W	56,0	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	83
Outer dimensions without separate control gear, lighting control	Height	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width		
	Depth		

parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,386 0,382	
Parameters for directional light sources:				
Peak luminous intensity (cd)	418	Beam angle in degrees, or the range of beam angles that can be set	99	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	11	Survival factor	1,00	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,97	Colour consistency in McAdam ellipses	4	
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-(b)	If yes then replacement claim (W)	-	
Flicker metric (Pst LM)	0,0	Stroboscopic effect metric (SVM)	0,3	

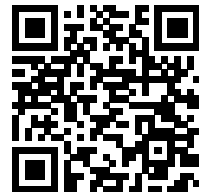
(a) '-': not applicable;

(b) '-': not applicable;

mW/m²/nm



Model placed on the Union market from 02/11/2021



EPREL registration number: 911113

<https://eprel.ec.europa.eu/qr/911113>

Supplier: LED Labs S.A. (Manufacturer)

Website:

Customer care service:

Name: LED Labs Sp. z o.o.

Website: <https://led-labs.pl/>

Email: a.jaworski@led-labs.pl

Phone: 733 377 705

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