Product Information Sheet

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

Supplier's name or trade mark: nanoleaf

Supplier's address: Christian Yan, Nanoleaf Europe 11 Rue de Lourmel 75015 Paris France, FR

Model identifier: NL59

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	NA		
Mains or non-mains:	MLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	Yes	Dimmable:	Yes

Product parameters

Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	2	Energy efficiency class	G
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)	20 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	2200...6500
On-mode power (P_{on}), expressed in W	2,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,10
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	0,10	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	83
Outer dimensions without — Height	20	Spectral power distribution in the	See image in last page
Outer dimensions without — Width	280		
Outer dimensions without — Depth	10		

separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)			range 250 nm to 800 nm, at full-load	
Claim of equivalent power[a]		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,320 0,340
Parameters for LED and OLED light sources:				
R9 colour rendering index value		11	Survival factor	1,00
the lumen maintenance factor		0,90		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ1)		0,90	Colour consistency in McAdam ellipses	9
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)		1,8	Stroboscopic effect metric (SVM)	1,8

[a] '-' : not applicable;

[b] '-' : not applicable;

Spectral Flux Graph