

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: Nanogrid Limited, Room 1301, 13/F, Excel Centre, 483A Castle Peak Road Lai Chi Kok, Kowloon, HK

Model identifier: NL45-0800WT240E27 NL45-0800WT240B22

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	E27, B22d		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	Yes	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	Yes	Dimmable:	-

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	9	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°)	806 in Sphere (360°)	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	2700...6500
On-mode power (P_{on}), expressed in W	9,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,30
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	91
Outer dimensions	Height	Spectral power distribution in the	See image in last page
	Width		
			60

without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Depth	60	range 250 nm to 800 nm, at full-load	
Claim of equivalent power ^(a)		Yes	If yes, equivalent power (W)	60
			Chromaticity coordinates (x and y)	0,460 0,409
Parameters for LED and OLED light sources:				
R9 colour rendering index value	51	Survival factor		1,00
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,89	Colour consistency in McAdam ellipses		5
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)	0,1	Stroboscopic effect metric (SVM)		0,1

(a) '-': not applicable;

(b) '-': not applicable;

