

Product Information Sheet

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

Supplier's name or trade mark: Long Life Lamp Company

Supplier's address: T2 Arundel Rd Uxbridge UB8 2RP UK

Model identifier: K451

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	Non-directional
Light source cap-type (or other electric interface)	Built-in		
Mains or non-mains:	Mains	Connected light source (CLS):	Isolated
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

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	3	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°)	300 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	3000	
On-mode power (P _{on}), expressed in W	3	Standby power (P _{sb}), expressed in W and rounded to the second decimal	-	
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	80	
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	1840	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	120		
	Depth	120		
Claim of equivalent power ^(a)	Yes	If yes, equivalent power (W)	30	
		Chromaticity coordinates (x and y)	0,430 0,400	

Parameters for LED and OLED light sources:

R9 colour rendering index value	80	Survival factor	90%
the lumen maintenance factor	0,9		

Parameters for LED and OLED mains light sources:

displacement factor (cos ϕ1)	0,9	Colour consistency in McAdam ellipses	3,6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	Yes	If yes then replacement claim (W)	30
Flicker metric (Pst LM)	Flicker-free	Stroboscopic effect metric (SVM)	<5%

(a)“-” : not applicable;

(b)“-” : not applicable;

