

Product Information Sheet

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

Supplier's name or trade mark: JUWEL Aquarium AG & Co. KG

Supplier's address: JUWEL Aquarium AG & Co. KG, Karl-Göx-Strasse 1, 27356 Rotenburg Wümme, DE

Model identifier: NovoLux LED 60

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):	Nein
Colour-tuneable light source:	Nein	Envelope:	-
High luminance light source:	Nein		
Anti-glare shield:	Nein	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	7	Energy efficiency class	G
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°)	624 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	6 500
On-mode power (P_{on}), expressed in W	6,5	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	85

Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	21	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	490		
	Depth	21		
Claim of equivalent power ^(a)		-	If yes, equivalent power (W)	-
			Chromaticity coordinates (x and y)	0,311 0,330
Parameters for LED and OLED light sources:				
R9 colour rendering index value		24	Survival factor	1,00
the lumen maintenance factor		0,93		
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)		0,90	Colour consistency in McAdam ellipses	2
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)		1,0	Stroboscopic effect metric (SVM)	0,4

(a) '-': not applicable;

(b) '-': not applicable;

Spectral power distribution

