

Product Information Sheet

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

Supplier's name or trade mark: Beneito & Faure Lighting, S.L

Supplier's address: BENEITO FAURE, C/ Thomas Edison 4 - 6, 08430 La Roca Del Vallés La Roca Del Vallés Barcelona, ES

Model identifier: 4509

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	Superficie		
Mains or non-mains:	MLS	Connected light source (CLS):	Yes
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	Yes		
Anti-glare shield:	Yes	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		300	Energy efficiency class	E
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°)		39 000 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	4 000
On-mode power (P_{on}), expressed in W		300,0	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		0,00	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, light-	Height	590	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
	Width	387		
	Depth	63		

ing control parts and non-lighting control parts, if any (millimetre)				
Claim of equivalent power ^(a)	-	If yes, equivalent power (W)	-	
		Chromaticity coordinates (x and y)	0,382 0,377	
Parameters for LED and OLED light sources:				
R9 colour rendering index value	62	Survival factor	0,99	
the lumen maintenance factor	0,96			
Parameters for LED and OLED mains light sources:				
displacement factor (cos ϕ_1)	0,40	Colour consistency in McAdam ellipses	3	
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;

