

Technical Data Sheet

Manufacturer name: Besselink Licht Import B.V.			
Address: Nieuwgraaf 10, 6921 RJ DUIVEN, THE NETHERLANDS			
Model identifier: L110100-06			
Type of light source: LED bulb (Self-ballasted LED-lamps)			
Lighting technology used:	LED	Non-directional or directional:	Non-directional
Mains or non-mains:	Non-mains	Connected light source (CLS):	General Lighting Service (GLS)
Colour-tuneable light source:	No (Dimmable lamps)	Envelope:	N/A.
High luminance light source:	N/A. (3000 K)		
Anti-glare shield:	N/A.	Dimmable:	No (Dimmable lamps)
Product parameters			
Parameter	220-240 V~, 50 Hz, E27, 2 W, 3000 K, 160 lm, non-dimmable.		
General product parameters:			
Energy consumption in on-mode (kWh/1 000 h)	2	Energy efficiency class	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°)	160 lm (Φ_{use})	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 K
On-mode power (P_{on}), expressed in W	W	Standby power (P_{sb}), expressed in W and rounded to the second decimal	N/A.

Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal		N/A.	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 (millimeter)	Height	14cm	Spectral power distribution in the range 250 nm to 800 nm, at full-load	N/A.
	Width	6.4cm		
	Depth	6.4cm		
Claim of equivalent power ⁽³⁾		Yes.	If yes, equivalent power (W)	CFL: 11 W, Incandescent: 40 W
			Chromaticity coordinates (x and y)	N/A. (Not special purpose products)
Parameters for directional light sources:				
Peak luminous intensity (cd)		N/A.	Beam angle in degrees, or the range of beam angles that can be set	N/A.
Parameters for LED and OLED light sources:				
R9 colour rendering index value		≥ 80	Survival factor	0.85
the lumen maintenance factor		> 0.96		
Parameters for LED and OLED mains light sources:				
displacement factor ($\cos \phi_1$)		N/A.	Colour consistency in McAdam ellipses	N/A.
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.		N/A.	If yes then replacement claim (W)	N/A.
Flicker metric (Pst LM)		N/A.	Stroboscopic effect metric (SVM)	N/A.