

Technical Data Sheet

Manufacturer name: Besselink Licht Import B.V.			
Address: Nieuwgraaf 10, 6921 RJ DUVEN, THE NETHERLANDS			
Model identifier: L112010-35			
Type of light source: LED bulb (Self-ballasted LED-lamps)			
Lighting technology used:	LED	Non-directional or directional:	Non-directional
Light source cap-type (or other electric interface)	E27		
Mains or non-mains:	Mains	Connected light source (CLS):	No
Colour-tunable light source:	No	Envelope:	No
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	Yes
Product parameters			
Parameter	220-240 V~, 50 Hz, 4 W, 1800 K, 100 lm, dimmable		
General product parameters:			
Energy consumption in on-mode (kWh/1 000 h)	4 W	Energy efficiency class	Exempt
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°)	100 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	1800 K
On-mode power (P_{on}), expressed in W	4 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	33cm	Spectral power distribution in the range 250 nm to 800 nm, at full-load
	Width	18cm	
	Depth	18cm	
Claim of equivalent power ⁽³⁾	Yes	If yes, equivalent power (W)	Incandescent: 10 W
		Chromaticity coordinates (x and y)	0,533; 0,410

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
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Parameters for LED and OLED light sources:

R9 colour rendering index value	N/A	Survival factor	0.9
the lumen maintenance factor	0.96		

Parameters for LED and OLED mains light sources:

displacement factor ($\cos \varphi_1$)	0.9	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