

# TWIN

## Data Sheet

LED



The structure of this elegant suspension luminaire is clear and transparent, without appearing sober, and highlights the principle behind the way it functions. The distance between the two shades can be continually increased by simply pulling the two arms of the luminaire apart. In this way Twin can grow with the table, the number of guests, or the particular requirements of the moment as regards flexible table lighting. The simple scissors mechanism becomes a striking design feature, otherwise Twin is subtle in design and accentuates areas without dominating spaces.

### Examples of applications:

At home or in the public domain. Above a living room table, dining table, conference table. Ideal for all extendable tables. Also in a row above long counters, presentation surfaces, table systems.

## Technical data sheet

The ingenious structure, which is based on the scissors principle, makes it possible to adjust the distance between the two shades to suit the needs of the moment. Irrespective of the angle of the arms, the shades always remain level. The small LED CoBs ensure brilliant light on table tops. When Twin is fully extended, the space between the shades can be put to good use – for example large vases and flower arrangements.

Design Hans Karuga

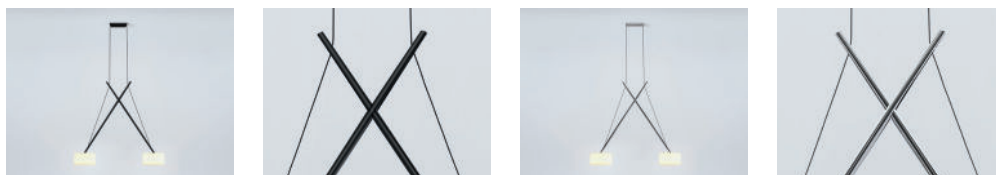
## Awards

Design Plus powered by Light+Building 2014,  
German Design Award 2015 Gold

DESIGN PLUS  
powered by: light+building

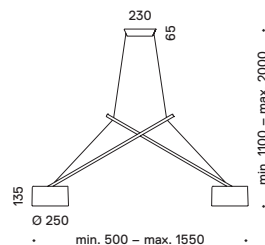


## Material &amp; surfaces



Material frame	aluminum	
Surface	coated black	glossy chrome-plated
Material shade	acrylic glass opal white or mouth-blown glass opal white	
Cable	textile-covered black	

## Dimensions



## Technical data

Illuminant	LED CoB (LED-module tool-free replaceable on site)
Power	2x11,5 W
Luminous flux LED 2700K (nominal value) <sup>1</sup> /	2100 lm
Color temperature 3000K	2200 lm
Color rendering index	> 90 CRI (other color rendering indices available on request)
Operating voltage	primary 220 – 240 V AC, secondary 70 V DC
Control	TRIAC
Average lifetime LED	50.000 h <sup>2</sup>
Energy efficiency class	A++ to A
Guarantee	2 years
Cleaning	only clean with slightly damp microfibre cleaning cloth
Weight	with acrylic glass shades ca. 3,4 kg, with mouthblown glass shades ca. 4,8 kg



The crossed-out wheellie bin indicates that this electrical appliance must not be disposed of via household waste. In order to protect human health and the environment against potentially hazardous substances, at the end of its lifecycle this product can be taken to a collection point close to you and disposed of free of charge there. This separate disposal enables electrical appliances to be reused or recycled.

## Article numbers

		Output (nominal value) <sup>1</sup>	Control Technology	CRI <sup>3</sup>	Color Temperature <sup>3</sup>	Shades	Article Number
	<b>TWIN LED</b> polished chrome-plated aluminum	2x11,5 W	TRIAC	> 90	2700 K	opal white acrylic glass	TW1101
						opal white mouthblown glass	TW1301
		2x11,5 W	TRIAC	> 90	3000 K	opal white acrylic glass	TW1105
						opal white mouthblown glass	TW1305
	<b>TWIN LED</b> black lacquered aluminum	2x11,5 W	TRIAC	> 90	2700 K	opal white acrylic glass	TW1103
						opal white mouthblown glass	TW1303
		2x11,5 W	TRIAC	> 90	3000 K	opal white acrylic glass	TW1107
						opal white mouthblown glass	TW1307

## Recommended dimmers

The following list is the result of internal tests conducted in a controlled environment. However, in some cases there is a possibility that owing to technical specifications (e. g., drivers, cables, switches, etc.) a specific combination of dimmer and LEDs does not work.

As such our recommendations do not represent a guarantee.

<b>TWIN LED</b> with ELT DLC 125/350-A driver	<b>Distributed until</b> November 2016	2x11,5 W	TRIAC	Merten MEG5300-0001 Feller 40200.LED (all variants) Jung 225NV DE Merten MEG5134
<b>TWIN LED</b> with driver P-3022	<b>Distributed after</b> November 2016	2x11,5 W	TRIAC	Busch Jäger 6513 U-102 digitalSTROM GE-KM200 Jung 225 TDE Berker 286710 Eltako EUD61NPNUC Schalk ETD U2 Schalk F03 U2E Feller 40200.LED.EB Merten MEG5300-0001

<sup>1</sup> The nominal values given refer to the illuminants employed at the time the data sheet was compiled. Subject to alterations.

<sup>2</sup> Specified by the manufacturer. serien Raumleuchten GmbH assumes no liability for the accuracy of the information.

<sup>3</sup> Other versions available on request.