

# TWIN

## Data Sheet

Suspension



DESIGN PLUS



TWIN Suspension • black • Glass opal

The structure of this elegant suspended lamp is straightforward and transparent, without seeming sober, and highlights its function. To alter the distance between the two shades, the arms of the lamp are simply pulled apart and thus adapted to the relevant needs. Regardless of the angle of the arms the shades stay horizontal at all times. If TWIN is fully expanded a space opens up between the two shades that can be put to optimum use, for example for large vases and

bouquets on the table top. Also available with hand-blown translucent genuine glass shades! Shortly after it was first presented to the public, Twin LED already has won one of the most renowned design prizes around, the German Design Award 2015 in Gold. This is equivalent to first prize in the category "Excellent Product Design/Lighting".

Design Hans Karuga

### Material

#### Surfaces



chrome-plated



matt black  
RAL 9005

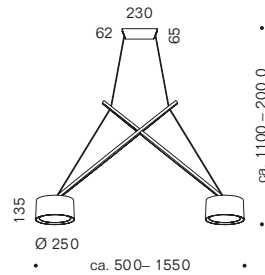
Shade Acrylic glass opal white or hand-blow translucent genuine glass

arms and canopy Aluminium bright chrome-plated or black lacquered

Cable textile coated black

### Variations

#### Dimensions in mm



#### Weight

acrylic glass 3,4 kg  
glass 4,8 kg

LED	Light color	Color rendering Index CRI	Color consistency	Luminous flux	Energy efficiency class
	2700 K	>97	3 Step	121 lm/W	E
	3000 K	>97	3 Step	127 lm/W	E

Other versions (CCT/CRI) available on request.  
LED light source replaceable by professionals  
Average life 50,000 h, all specification according to LED-manufacturer.

Control gear	Control	Connected load	Operating voltage	Constant current / voltage	Feature
	TRIAC	2x 11,5 W	230 V AC / 50 Hz	300 mA / 68 V	dimnable



Control gear replaceable by professionals  
The luminaire may be operated at a maximum of the constant current specified above.



### TWIN Suspension

figure	description	lamp	control	power	CCT	art.-no.
●	black, acrylic glass opal	LED	TRIAC	23 W	2700 K	TW1103
					3000 K	TW1107
●	black, glass opal	LED	TRIAC	23 W	2700 K	TW1303
					3000 K	TW1307
●	chrome-plated, acrylic glass opal	LED	TRIAC	23 W	2700 K	TW1101
					3000 K	TW1105
●	chrome-plated, glass opal	LED	TRIAC	23 W	2700 K	TW1301
					3000 K	TW1305

### Information

+ C	+C indicates products with pre-programmed CASAMBI module integrated in the luminaire. The CASAMBI functionality is basically applicable to all our products. For the different possibilities of integration (depending on the temperature) – in the luminaire, in the suspended ceiling, in the switch or the distribution box) we will be pleased to inform you. CASAMBI is a lighting control system which is operated via Bluetooth and can be integrated completely into the luminaire or behind the light switch. It is controlled via mobile devices using the free CASAMBI app, making its operation simple and intuitive. CASAMBI expands the possibilities of control with new options such as dimming, the programming of specific scenarios or groups, automations and many more. For further information, please visit <a href="http://www.casambi.com">www.casambi.com</a> .
CCT	CCT (Correlated Color Temperature) is the colour temperature of an LED and is specified in Kelvin (K). We supply LED lights with a colour temperature of 2700 K at short notice. LED lights with a color temperature of 3000 K and higher usually have longer delivery times.
CRI	Colour Rendering Index
D2W	Dim2Warm refers to a luminaire functionality that imitates the pleasant dimming behavior of classic incandescent lamps. When dimmed, the light not only becomes darker, but also changes its colour to warm white tone.
DALI 1-10 V	5-core mains cable required for control via DALI or 1–10 V. All LED luminaires operated with DALI power supply units are suitable for use in emergency lighting systems.
Lumen	The luminous flux (lumen) specifications are nominal values, i.e. pure module luminous flux values. The luminous flux indicates how much light radiates in all directions.
TW	Luminaires with this characteristic have variable colour temperature control from warm to cool white light.
UGR	Unified Glare Rating
IP	Protection class
LOR	The luminaire operating efficiency is given as a LOR value (Light Output Ratio) in percent.
	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.
	<b>At <a href="http://www.serien.com/downloads">www.serien.com/downloads</a></b> you will find helpful information and the latest technical data: Data sheets, catalogues, price lists, lighting data (EULUMDAT), 3D CAD data, EU Energy labels, declarations of conformity, returns form, FAQs, assembly instructions, drilling templates and other service instructions.
✓	This data sheet supersedes all previously published data sheet. The drawings shown in this document are for informational purposes only. Although great care has been taken when creating them, their proportions may not correctly reflect the proportions of the real product.
	All values are rated values. Power and luminous flux are subject to an initial tolerance of +/- 10%. Tolerance of color temperature: +/-150 K. When not otherwise indicated the values apply for an ambient temperature of 25 °C. The specified nominal and measured values refer to the illuminants used at the time the data sheet was prepared. Omissions excepted.

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