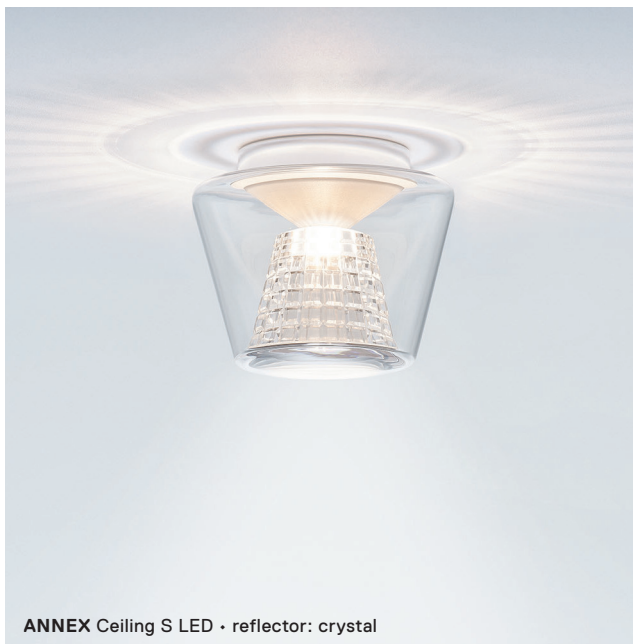


ANNEX

Data Sheet

Ceiling S LED



ANNEX Ceiling S LED • reflector: crystal



ANNEX Ceiling S LED • reflector: opal



ANNEX Ceiling S LED • reflector: polished aluminum

The Annex luminaire range is the result of a profound understanding of light and design. Various inner reflectors are available; the latter combined with the elegant glass shade create a formal unity and permit different lighting effects.

Examples of applications:
Private and commercial spaces.
Singly for central ceiling mounting and in series, e.g., over kitchen worktops, bars, reception and sales counters.

Technical data sheet

Downlight and ceiling luminaire in one ally suited for standardized ceiling mounting, Annex is designed to lend itself to a variety of uses. The new LED version combines timeless design with durable LED technology. Thanks to a standardized fitting system the LED unit can be replaced. And given the illuminant's long life, Annex Ceiling with LED is an ideal choice for commercial premises.

Design Prof. Uwe Fischer

Awards

Baden-Württemberg International Design Award Focus Silber 2011,
German Design Award nomination 2012.



Material & surfaces



Material canopy	aluminum			
Surface canopy	high gloss polished and powder coated RAL 9010			
Glass shade	mouth-blown clear	mouth-blown clear	mouth-blown clear	mouth-blown opal
Reflector	opal acrylic glass	polished aluminum	crystal	-

Dimensions



Technical data


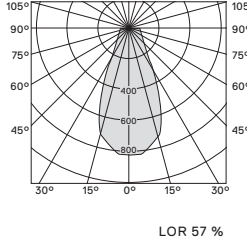

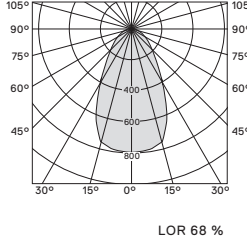

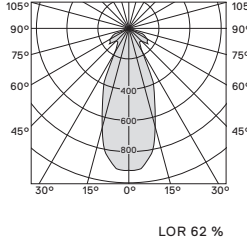

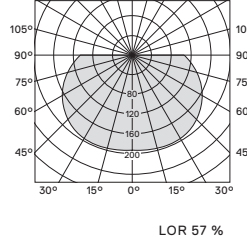
Illuminant	LED CoB (The LED circuit board can be replaced by qualified staff)			
Power	9 W	9 W	9 W	9 W
Luminous flux LED 2700 K (nominal value) 1/2	1010 lm	1010 lm	1010 lm	1010 lm
Color temperature 3000 K	1060 lm	1060 lm	1060 lm	1060 lm
Color rendering index	> 90 CRI (other color rendering indices available on request)			
Operating voltage	primary 220 – 240 V AC, secondary 36 V DC (9 W also available as primary 110 V AC, secondary 36 V DC)			
Control	TRIAC			
Average lifetime LED	50.000 h ²			
Energy efficiency class	A++ to A			
Guarantee	2 years			
Features	glass shade mounted tool-free; 110 V versions on request			
Weight	ca. 0.8 kg			



The crossed-out wheeled 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.

Photometric data sheet

Depending on the version, different light emissions and moods can be achieved: Even light distribution throughout the room with opal shade without inner reflector. More targeted with clear shade and conic opal reflector for light directly downwards and softly dispersed all round. A more dramatic lighting effect is achieved with a reflector of polished aluminum: directly downwards and diffuse via ceiling. Brilliant: with a reflector of faceted crystal glass.

			Power (measured value) ¹	Color Temperature	CRI	Luminous flux (measured value) ¹
ANNEX Ceiling S LED Clear glass shade Reflector opal acrylic glass 		9 W	2700 K	> 90	570 lm	
			3000 K	> 90	600 lm	
ANNEX Ceiling S LED Clear glass shade Reflector polished aluminum 		9 W	2700 K	> 90	690 lm	
			3000 K	> 90	720 lm	
ANNEX Ceiling S LED Clear glass shade Reflector crystal glass 		9 W	2700 K	> 90	630 lm	
			3000 K	> 90	660 lm	
ANNEX Ceiling S LED Opal glass shade 		9 W	2700 K	> 90	570 lm	
			3000 K	> 90	600 lm	





Please note:

You can download the photometric data (EULUMDAT) from <http://serien.com/downloads/>.

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.

Article numbers

		Output (nominal value) ¹	Control Technology	CRI ²	Color Temperature ³	Article Number
	ANNEX Ceiling S LED Clear glass shade Reflector opal acrylic glass	9 W	TRIAC	> 90	2700 K	AN3201
					3000 K	AN3202
	ANNEX Ceiling S LED Clear glass shade Reflector polished aluminum	9 W	TRIAC	> 90	2700 K	AN3211
					3000 K	AN3212
	ANNEX Ceiling S LED Clear glass shade Reflector crystal glass	9 W	TRIAC	> 90	2700 K	AN3221
					3000 K	AN3222
	ANNEX Ceiling S LED Opal glass shade	9 W	TRIAC	> 90	2700 K	AN3231
					3000 K	AN3232

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.

Annex Ceiling S LED	9 W	TRIAC	Busch Jäger 6513 U-102 Busch Jäger 6523 U Berker 286710 Eltako EUD61NPN-UC Feller 40200.LED.EB Feller 40200.LED. (alle Varianten) Jung 225 TDE Merten MEG5134 Merten MEG5300-0001 Schalk ETD U2 Schalk F03 U2E
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¹ The nominal and measured values given refer to the illuminants employed at the time the data sheet was compiled. Subject to alterations.

² Specified by the manufacturer. serien Raumeuchten GmbH assumes no liability for the accuracy of the information.

³ Other versions available on request.