ANNEX
Data Sheet

Focus Open
Silber 2011

DESIGN PL+US

German
Design Award
NOMINEE 2013

ANNEX Ceiling S · opal

A quite archetypal ceiling lamp with that added functionality we value: three different sizes correspond with the proportions of your rooms. The different reflectors on the inside of the mouth-blown spherical shade enable extremely varied light effects, which nonetheless formally are part of one family.

Examples of applications:
ANNEX Ceiling can take on various roles as a central ceiling lamp: evenly distributed light throughout the room with a shade made of milky finished glass with no interior reflector. More targeted with a conic milk glass reflector for direct downward light, for rooms and ceilings as well. With an aluminum reflector floors and ceilings are lit gently, increasing the dramatic effect, more brilliantly with a faceted crystal glass reflector.

serien
.lighting

Technical data sheet

Downlight and ceiling luminaire in one and ideally suited for fitting on most ceilings, ANNEX is designed and conceived to ensure it is highly versatile and combines sustainable design with long-lasting LED technology. A standardized replacement system allows an easy replacement of the LED unit.

Design Prof. Uwe Fischer

Awards

Focus Open - Baden-Württemberg International Design Award, Silver 2011
Design Plus, 2012
German Design Award, Nominee 2013

Material & surfaces

Lighting unit	aluminium highly polished and powder coated white RAL 9010
Glass shade	hand-blown glass clear
Reflector	acrylic glass opal, aluminium polished, crystal glass with aluminium reflector

Dimensions in mm

Ø 102
105
• 145 •
Ø 98
Ø 140
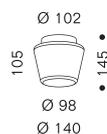
ANNEX Ceiling S LED

Technical data

| Illuminant	2700K - CLU02J-1204C9-272H7U4 / EPREL-ID: 961792
	3000K - CLU028-1204C4-303H5K2 / EPREL-ID: 961792
Energy efficiency class	This product contains a light source of energy efficiency class E
Power (nominal value)	9 W
Color temperature Luminous flux LED (nominal value)	2700 K 950 lm
	3000 K 1000 lm
Operating voltage	primary 220- 240 V AC, secondary 36 V DC
Control	TRIAC
Average lifetime LED	50.000 h*
Warranty	2 years
Weight	ca. 0,8 kg
Features	LED exchangeable, glass shade tool-free mountable with bayonet lock
Marks	IP20 CE ⊕ ▽ ⌧

ANNEX

Photometric data sheet

ANNEX Ceiling can take on various roles as a central ceiling lamp: evenly distributed light throughout the room with a shade made of milky finished glass with no interior reflector. More targeted with a conic milk glass reflector for direct downward light, for rooms and ceilings as well. With an aluminum reflector floors and ceilings are lit gently, increasing the dramatic effect, more brilliantly with a faceted crystal glass reflector.

	Power	CRI	CCT	Luminous flux (measured value)

ANNEX Ceiling S LED reflector opal

|				
			2700 K	550 lm
	9 W	>97		
			3000 K	570 lm
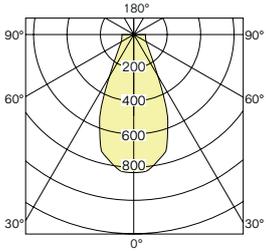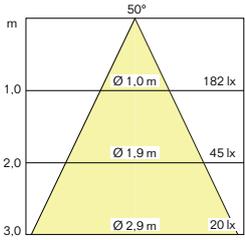
Light: directed downwards, distributed all around

ANNEX Ceiling S LED reflector polished
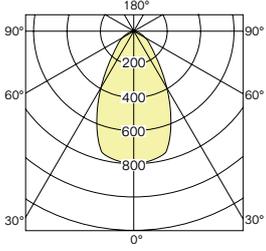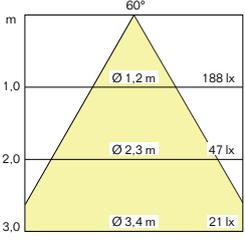
			2700 K	670 lm
	9 W	>97		
			3000 K	690 lm

Light: directed downwards, diffuse all around

ANNEX Ceiling S LED reflector crystal
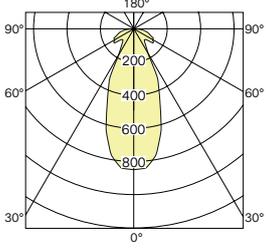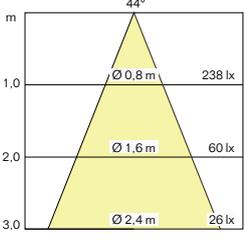
			2700 K	600 lm
	9 W	>97		
			3000 K	630 lm

Light: directed downwards, decorative all around

Note: The photometric data (EULUMDAT) can be downloaded from https://serien.com/downloads/

ANNEX

Article numbers

ANNEX Ceiling S

figure	description	lamp	control	power	CCT	art.-no.
	reflector opal	LED	TRIAC	9 W	2700 K	AN3201
					3000 K	AN3202
		HAL	TRIAC	60 W	2700 K	AN1013
	reflector polished	LED	TRIAC	9 W	2700 K	AN3211
					3000 K	AN3212
		HAL	TRIAC	60 W	2700 K	AN1121
	reflector crystal	LED	TRIAC	9 W	2700 K	AN3221
					3000 K	AN3222
		HAL	TRIAC	60 W	2700 K	AN1043

Special versions

DALI and 1-10 V versions for the use in emergency lighting systems with external driver available on request.
Other Versions (CCT/CRI) available on request.

Lighting data

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.

Caption

+ 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 www.casambi.com.
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	Luminaires with this characteristic have the Dim2Warm function which, when dimmed, reproduces the colour gradient with the warmer light colour of a classic filament lamp.
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 photometric data (EULUMDAT) can be downloaded from https://serien.com/downloads/
▦	We are happy to make the Excel file with article numbers and current prices available to our trade partners. Please contact us at: serien@serien.com
🗑	The crossed-out wheelie 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.

At www.serien.com/downloads you will find helpful information and the latest technical data:
Data sheets, catalogues, price lists, lighting data (EULUMDAT), 3D CAD data, declarations of conformity, returns form, FAQs, assembly instructions, drilling templates and other service instructions.

Credits

©Photography: Ingmar Kurth, Rendering: serien.lighting

Imprint

serien Raumleuchten GmbH, HRB 22042 Amtsgericht Offenbach. Managing Directors: Jean-Marc da Costa, Manfred Wolf. All rights reserved.
No reproductions without prior written consent. All trademarks are registered. All products are protected by law. Infringements will be prosecuted to the fullest extent. Subject to alteration without notice.