

# APP

## Data Sheet

DESIGN PLUS



Wall



APP • Front: Honeycomb



APP • Front: Gray



APP • Front: Fluorescent Green

Intelligent light, creative diversity! A formally reduced LED cube shows the power within. The wall luminaire APP is much more than just an energyefficient light source. Its double-layered front surface opens up immense creative scope also for customized versions and turns APP into a potential information carrier and guidance system.

APP works wonderfully as a solitaire, in a row, in a graphic or a consciously free configuration. In private spaces, in hotels, hospitals, surgeries, office buildings, corridors, entrance halls, staircases. APP achieves particularly beautiful effects on coloured walls.

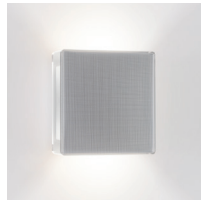
Design Formfjord

## Material

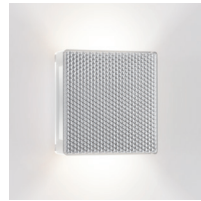
### Surfaces



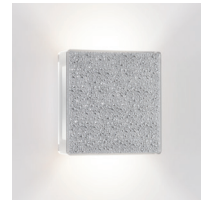
ribbed



pyramid



honeycomb



craced ice



white



genuine glass mirror



grey



fluorescent green



individual foli prints



### Heatsink

Aluminium

### Shade

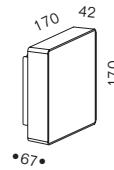
Polycarbonate clear

### Front

Plexiglas®, genuine glass

## Variations

### Dimensions in mm



### Weight

1,2 kg

### LED

Light color	Color rendering Index CRI	Color consistency	Luminous flux	Energy efficiency class
2700 K	>90	3 Step	143 lm/W	D
3000 K	>90	3 Step	147 lm/W	D

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	16 W	230 V AC / 50 Hz	350 mA / 42 V	dimnable
DALI	22 W	230 V AC / 50 Hz	700 mA / 42 V	dimnable

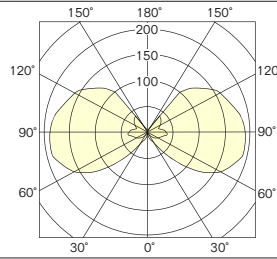
Control gear replaceable by professionals  
The luminaire may be operated at a maximum of the constant current specified above.



**Photometric data sheet**

**APP Wall**











Light: scattered upwards and downwards, sideways diffused



Power	CRI	CCT	Luminous flux (measured value)
16 W	Ra>90	2700 K	1030 lm
		3000 K	1060 lm
22 W	Ra>90	2700 K	1480 lm
		3000 K	1520 lm



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

## APP Wall

figure	description	lamp	control	power	CCT	art.-no.
	lighting unit	LED	TRIAC	16W	2700K	AP1001
					3000K	AP1002
			DALI	22W	2700K	AP1005
					3000K	AP1006
	front ribbed					AP1101
	front pyramid					AP1102
	front honeycomb					AP1103
	front cracked ice					AP1104
	front white					AP1105
	front genuine glass mirror					AP1106
	front grey					AP1107
	front fluorescent green					AP1108
	front individual foil print					AP1199

APP is a modular article. Please order the light unit and front together.

## 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 wheelee 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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