SLICE² PI
Data Sheet

Ceiling

FOCUS OPEN 2023
Gold

SLICE² PI Ceiling XL • white

SLICE² PI Ceiling S / M / L • white

SLICE² PI Ceiling M • crémant

SLICE² PI Ceiling M • black

2023.11 I www.serien.com I © photography: Studio Olaf Becker, renderings: serien.lighting

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SLICE² PI

Family

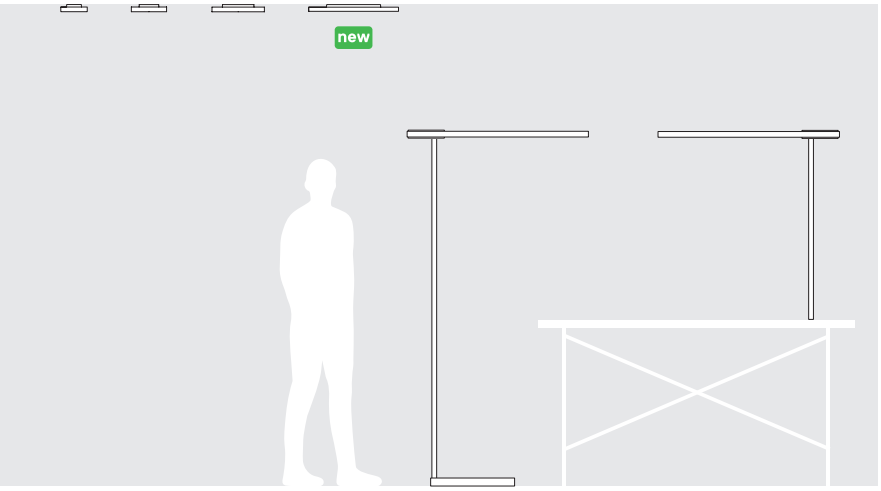
Smooth curve.
Pleasant light.

With the circle as the perfect shape, the SLICE² PI Ceiling luminaire offers the universal lighting solution for all requirements of modern architecture in terms of light output and illumination. Ideal, glare-free downward light is fed in laterally via the edge of the glass and distributed downward by a microprismatic pane – optionally with additional indirect light to lighten up the ceiling.

The completely enclosed housing, the real glass pane and the robust aluminum ring are of substantial quality. Simple mounting by means of a bayonet catch, that establishes both mechanical and electrical contact, makes it easy to realise even large projects.

Design Jean-Marc da Costa

overview



typologies	S	M	L	XL
SLICE² PI Ceiling	●	●	●	● new
SLICE² Floor		●		
SLICE² Furniture		●		

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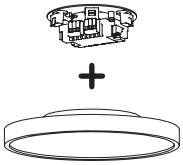
product features



DRIVER UNIT
- integrated control gear
- dimmable via phase dimming (TRIAC) or DALI, optionally with CASAMBI
- optionally with presence sensor

SLICE² PI
- LED ceiling surface mounted light (requires suitable DRIVER UNIT for operation)
- 4 sizes S, M, L and XL
- closed housing (IP40)
- flat design (only 30 mm)
- convenient quick-assembly of the housing via bayonet catch, housing can be replaced without tools
- optionally with indirect light

surfaces

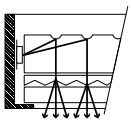
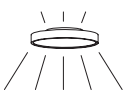
●	black RAL 9005, powder coating matt
○	white RAL 9010, powder coating matt
●	chrome-plated
● new	crémant lacquered satin

Colour deviations and tolerances due to production technology are possible even if the colour is specified exactly by RAL numbers.

materials

housing	◦ aluminium profile with excellent thermal properties ◦ translucent ceiling connection made of opaque polycarbonate
lightguide	◦ PMMA lens with adapted, specially calculated laser engraving ◦ single-sided laser engraving for efficient light extraction
prismatic	◦ PMMA lens with microstructured prism surface ◦ high transparency for effective and homogeneous glare control
genuine glass pane	◦ white glass with high light transmission ◦ colourfast light rendition ◦ unbreakable due to chemical hardening ◦ insensitive to cleaning agents, antistatic

lighting technology

	◦ 2700 K ◦ 3000 K
CRI ≥ 95	excellent color reproduction quality
3 SDCM	very high color consistency - minimal color temperature differences (MacAdam Step 3)
	Light is fed in laterally via the edge of the glass and distributed downwards by a microprismatic pane. The design produces glare-free, perfectly homogeneous homogeneous illumination without visible hotspots and allows for flat and elegant elegant housing proportions.
	◦ unique glare control properties with highest possible efficiency ◦ screen-compatible task luminaire according to DIN EN 12464-1 (size L) ◦ no visible moiré effects ◦ optionally with indirect light

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technical data

variants		S	M	L	XL
	sizes				
	weight	0,7 kg	1,1 kg	2,2 kg	3,4 kg

light source	size/type	CCT	CRI	MacAdam SDCM	luminous flux (EEK)
	S, M, L, XL new	2700 K	Ra > 95	3 Step	155 lm/W (D)
		3000 K	Ra > 95	3 Step	160 lm/W (C)

Other versions (CCT/CRI) available on request.

control gear		S	M	L	XL new
	TRIAC phase dimming	13 W	16 W	22 W	30 W
	DALI	11 W PushDim	15 W PushDim	22 W PushDim emergency light optional	30 W PushDim emergency light corridorFUNCTION
	CASAMBI	11 W integrated		22 W integrated	30 W integrated
	sensor	-	-	optional	optional

Please note: In addition to the DALI control gear, a DALI system requires a control gear and the appropriate bus wiring. In addition to the standard wiring L, N and PE, two further DALI control lines DA are required.

note

emergency light	optional suitability for installation in emergency lighting systems according to IEC 61347-2-13, Annex J
sensor (optional)	• presence sensor invisibly integrated into the luminaire • convenient adjustment of detection range and delay time via dip switches • automatic switch-on and switch-off
	• control gear can be replaced by specialists. • light source can be replaced by specialists.
certificates	

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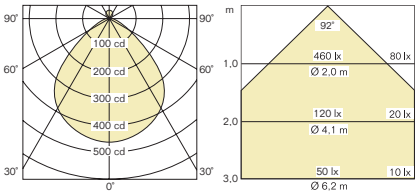
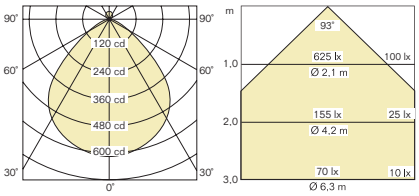
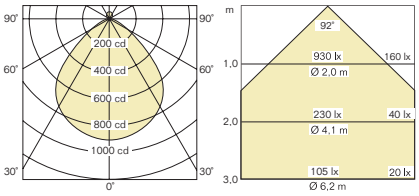
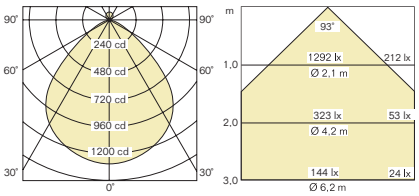
lighting data

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

SLICE² PI S white		CRI	luminous efficacy	power	luminous flux
	2700 K	Ra > 95	80 lm/W	13 W	1010 lm
	distribution			light: downward, indirect upward, soft decorative	
	UGR	≤ 21			

SLICE² PI M white		CRI	luminous efficacy	power	luminous flux
	2700 K	Ra > 95	87 lm/W	16 W	1380 lm
	distribution			light: downward, indirect upward, soft decorative	
	UGR	≤ 21			

SLICE² PI L white		CRI	luminous efficacy	power	luminous flux
	2700 K	Ra > 95	90 lm/W	22 W	1940 lm
	distribution			light: downward, indirect upward, soft decorative	
	UGR	≤ 19			

SLICE² PI XL white new		CRI	Lichtausbeute	Leistung	Lichtstrom
	2700 K	Ra > 95	102 lm/W	30,1 W	3072 lm
	distribution			light: downward, indirect upward, soft decorative	
	UGR	≤ 19			

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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 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
Dim2Warm	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	5-core mains cable required for control via DALI
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.
PushDim	The PushDim function enables the use of a commercially available push-button, which can be used to regulate the brightness by pressing it for a longer period of time. A 5-wire mains cable is required.
Tunable White	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 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, 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 sheets. 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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