

REFLEX²

Data Sheet

Floor



REFLEX² Floor S · black



REFLEX² Floor S 100 · black



REFLEX² Floor S / M / S 100 · white

REFLEX² Floor uses the principle of indirect lighting, which diffuses the light into the room via the ceiling and thus provides absolutely glare-free light. The design gains its particular strength from the contrast between the minimalist, almost immaterial appearance of the luminaire and the intense light that emanates from this graphic structure. In the reading luminaire, the integrated LEDs create a soft downlight.

Application examples: The formal austerity and clarity of REFLEX² Floor fits particularly well in contemporary architectural contexts, in offices or private rooms where the linearity and openness of the ceiling floodlight make it a minimalist object in the room. The reading light fits into any favourite place.

Desing Jean-Marc da Costa

Material

Surfaces



matte white
RAL 9010



matte black
RAL 9005



Housing

Die-cast aluminum
Lightweight covers flat glass satinée

Reflector

Plexiglas® white matte or black matte

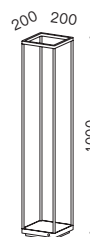
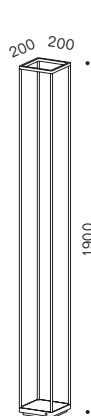
Variations

S

M

S Reading

Dimensions in mm



Weight

3,5 kg

5,6 kg

3,0 kg

LED

Light color	Color rendering Index CRI	Color consistency	Luminous flux	Energy efficiency class
Dim2Warm S	>90	3 Step	up to 154 lm/W	D
Tunable White M	>90	3 Step	up to 149 lm/W	D

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

Control gear

Control	Connected load	Operating voltage	Constant current / voltage	Feature
integrated S	33 W	230 V AC / 50 Hz	800 mA / 36 V	dimnable, Touch DIM
CASAMBI S	33 W	230 V AC / 50 Hz	800 mA / 36 V	dimnable, DALI/Bluetooth
integrated M	50 W	230 V AC / 50 Hz	1050 mA / 48 V	dimnable, Touch DIM
CASAMBI M	50 W	230 V AC / 50 Hz	1050 mA / 48 V	dimnable, DALI/Bluetooth

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



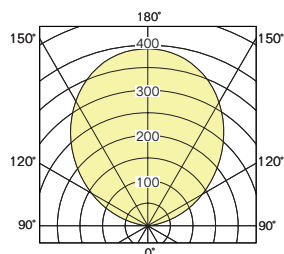
REFLEX²

Floor S, M

Photometric data sheet

Power CRI CCT Luminous flux (measured value)

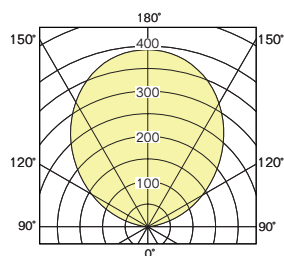
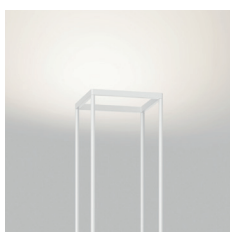
REFLEX² Floor S black



33 W Ra>90 R9>50 2200 K – 3000 K TW 2610 lm

Light: diffused upwards, indirectly via ceiling

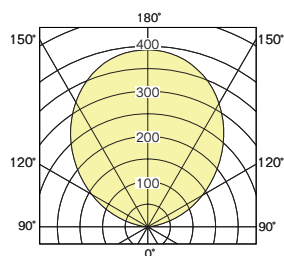
REFLEX² Floor S white



33 W Ra>90 R9>50 2200 K – 3000 K TW 2610 lm

Light: diffused upwards, indirectly via ceiling

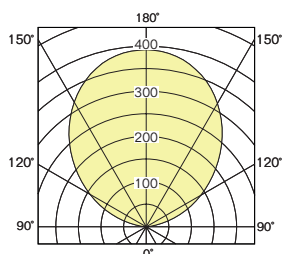
REFLEX² Floor M black



50 W Ra>90 R9>50 2200 K – 4000 K D2W 4880 lm

Light: diffused upwards, indirectly via ceiling

REFLEX² Floor M white



50 W Ra>90 R9>50 2200 K – 4000 K D2W 4880 lm

Light: diffused upwards, indirectly via ceiling

Photometric data sheet

REFLEX² Floor S Reading black



Light: diffused downwards

Power	CRI	CCT	Luminous flux (measured value)
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33 W	Ra>90 R9>50	2200 K – 3000 K D2W	2610 lm
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REFLEX² Floor S Reading white



Light: diffused downwards

33 W	Ra>90 R9>50	2200 K – 3000 K D2W	2610 lm
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Note: You can download the photometric data (EULUMDAT) at <http://serien.com/downloads/>.

REFLEX² Floor S

figure	description	lamp	control	power	CCT	art.-no.
●	black	LED	integr.	33 W	2200–3000 K D2W	RE3501
○	white	LED	integr.	33 W	2200–3000 K D2W	RE3502



REFLEX² Floor M

figure	description	lamp	control	power	CCT	art.-no.
●	black	LED	integr.	50 W	2200–4000 K TW	RE3603
○	white	LED	integr.	50 W	2200–4000 K TW	RE3604

REFLEX² Floor S Reading

figure	description	lamp	control	power	CCT	art.-no.
●	black	LED	integr.	33 W	2200–3000 K D2W	RE3701
○	white	LED	integr.	33 W	2200–3000 K D2W	RE3702

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
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.
	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 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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