

ANNEX

Data Sheet

Suspension



DESIGN PLUS



ANNEX Suspension L · Reflector crystal

A quite archetypal suspension lamp with that added functionality we value: two 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.

ANNEX Suspension can be used in any number of ways and is particularly suitable for high rooms. ANNEX Suspension fits perfectly in private and commercial rooms, for a central ceiling connection or in rows, e.g. in corridors, above kitchen units, counters, reception and sales counters.

Design Uwe Fischer

Material

Surfaces



reflector opal



reflector polished



reflector crystal

Housing

aluminium highly polished and powder coated white RAL 9010

Shade

hand-blown glass clear

Reflector

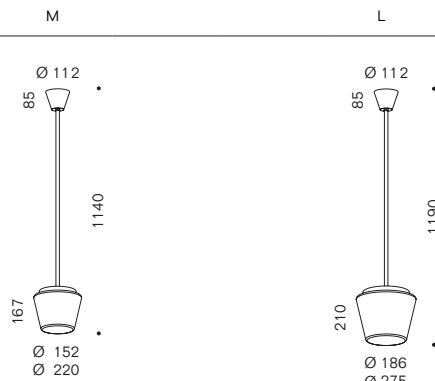
acrylic glass opal, aluminium polished, crystal glass with aluminium reflector

suspension

chromed steel tube

Variations

Dimensions in mm



Weight

3,8 kg

4,5 kg

LED

Light color	Color rendering Index CRI	Color consistency	Luminous flux	Energy efficiency class
M 2700 K	>97	2 Step	111 lm/W	E
M 3000 K	>97	2 Step	116 lm/W	E
L 2700 K	>97	2 Step	115 lm/W	E
L 3000 K	>97	2 Step	120 lm/W	E

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
M TRIAC	20 W	230 V AC / 50 Hz	500 mA / 35 V	dimnable
M DALI	27 W	230 V AC / 50 Hz	700 mA / 35 V	dimnable
L TRIAC	34 W	230 V AC / 50 Hz	900 mA / 35 V	dimnable
L DALI	41 W	230 V AC / 50 Hz	1050 mA / 35 V	dimnable, Touch DIM

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

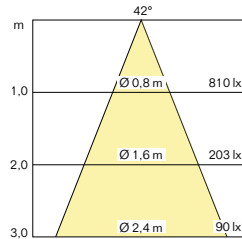
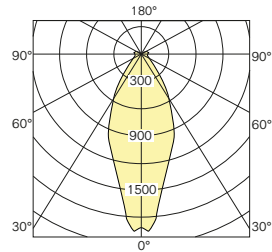


Photometric data sheet

ANNEX Suspension M reflector opal



Light: directed downwards,
distributed all around

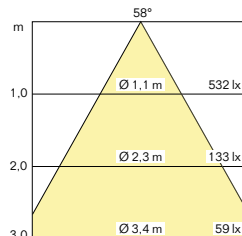
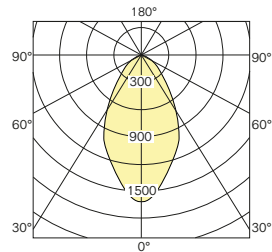


Power	CRI	CCT	Luminous flux (measured value)
20 W	Ra>97 R9>80	2700 K	1443 lm
		3000 K	1525 lm
27 W	Ra>97 R9>80	2700 K	2162 lm
		3000 K	2284 lm

ANNEX Suspension M reflector polished



Light: directed downwards,
diffuse all around

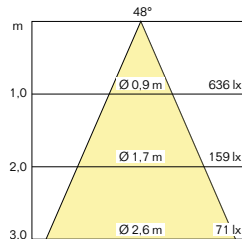
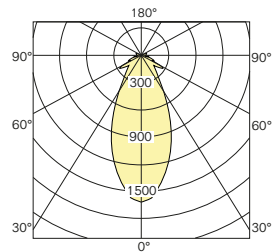


20 W	Ra>97 R9>80	2700 K	1239 lm
		3000 K	1304 lm
27 W	Ra>97 R9>80	2700 K	1856 lm
		3000 K	1953 lm


ANNEX Suspension M reflector crystal



Light: directed downwards,
decorative all around



20 W	Ra>97 R9>80	2700 K	1311 lm
		3000 K	1384 lm
27 W	Ra>97 R9>80	2700 K	1965 lm
		3000 K	2073 lm

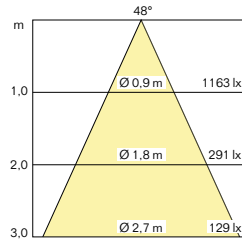
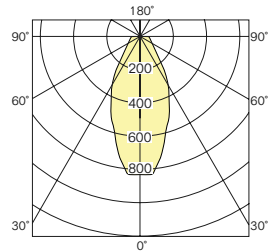
 Note: The photometric data (EULUMDAT) can be downloaded from <https://serien.com/downloads/>

Photometric data sheet

ANNEX Suspension L reflector opal



Light: directed downwards,
distributed all around

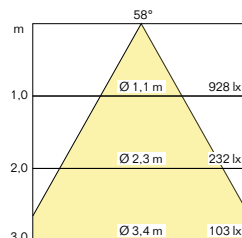
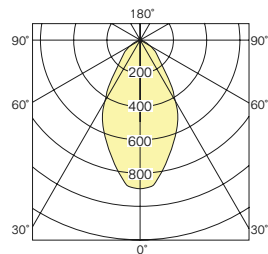


Power	CRI	CCT	Luminous flux (measured value)
34 W	Ra>97 R9>80	2700 K	3080 lm
		3000 K	3250 lm
41 W	Ra>97 R9>80	2700 K	3520 lm
		3000 K	3750 lm

ANNEX Suspension L reflector polished



Light: directed downwards,
diffuse all around

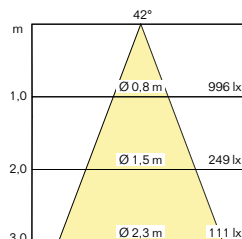
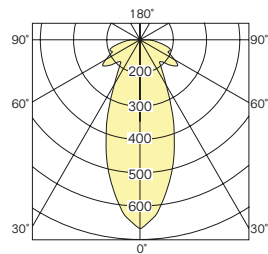


34 W	Ra>97 R9>80	2700 K	2770 lm
		3000 K	2900 lm
41 W	Ra>97 R9>80	2700 K	3170 lm
		3000 K	3340 lm


ANNEX Suspension L reflector crystal




Light: directed downwards,
decorative all around




34 W	Ra>97 R9>80	2700 K	3000 lm
		3000 K	3150 lm
41 W	Ra>97 R9>80	2700 K	3430 lm
		3000 K	3640 lm

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



ANNEX Suspension M

figure	description	lamp	control	power	CCT	art.-no.
	reflector opal	LED	TRIAC	20 W	2700 K	AN3101
					3000 K	AN3102
			DALI	27 W	2700 K	AN3105
					3000 K	AN3106
	reflector polished	LED	TRIAC	20 W	2700 K	AN3111
					3000 K	AN3112
			DALI	27 W	2700 K	AN3116
					3000 K	AN3117
	reflector crystal	LED	TRIAC	20 W	2700 K	AN3121
					3000 K	AN3122
			DALI	27 W	2700 K	AN3125
					3000 K	AN3126

ANNEX Suspension L

figure	description	lamp	control	power	CCT	art.-no.
	reflector opal	LED	TRIAC	34 W	2700 K	AN3147
					3000 K	AN3148
		LED	DALI	41 W	2700 K	AN3151
					3000 K	AN3152
	reflector polished	LED	TRIAC	34 W	2700 K	AN3153
					3000 K	AN3154
		LED	DALI	41 W	2700 K	AN3157
					3000 K	AN3158
	reflector crystal	LED	TRIAC	34 W	2700 K	AN3141
					3000 K	AN3142
		LED	DALI	41 W	2700 K	AN3145
					3000 K	AN3146

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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