

SOLO SLIM.
LESS IS MORE.



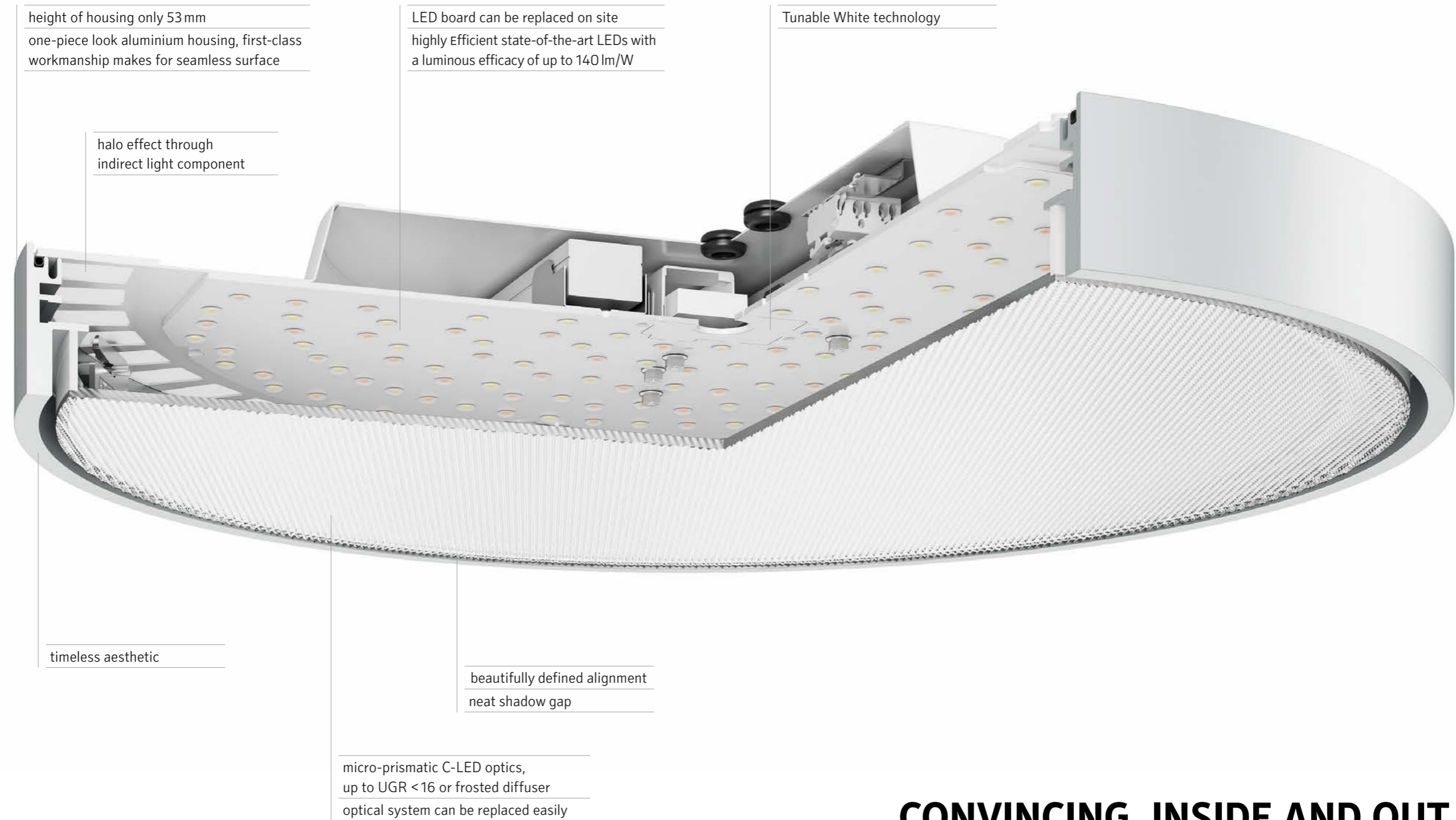
THE CONCEPT.

THE MOST SLIMLINE SOLO EVER.

WE ARE PROUD TO ANNOUNCE A NEW ADDITION TO THE SOLO PRODUCT FAMILY: SOLO SLIM. THE ALUMINIUM HOUSING IS EVEN MORE SLIMLINE AND COMPRISES INTEGRAL TUNABLE WHITE TECHNOLOGY TO ENABLE DYNAMIC LIGHTING SOLUTIONS.

Solo Slim remains true to the harmonious formal language of the Solo range. But it is more slimline than ever. Discreet openings in the upper section of the surface-mounted version offer an indirect light component. And the Tunable White technology enables the design of dynamic lighting solutions. Controlled to be adjusted over the course of the day, parallel to daylight conditions, Solo Slim supports concentration and a feeling of well-being at the workplace. Three different mounting options offer scope for diverse applications.





CONVINCING. INSIDE AND OUT.

Solo Slim for recessed and surface mounting on ceilings, and for pendant mounting, direct lighting or with an indirect light component, 4000 K neutral white or 3000 K warm white, colour tolerances MacAdam 3, colour rendering index CRI > 80, luminous efficacy of up to 140 lm/W, ceiling mounted version made of high-grade aluminium, seamless and with no visible screws. Height of only 53 mm. Choice of optics: C-LED (Controlled Luminance Diffuser) for optimum glare control, mounted flush with the ceiling, suitable for application in offices, up to UGR < 16 and $L_{max} \geq 65^\circ \leq 3000 \text{ cd/m}^2$ or with a frosted diffuser, flush with the housing. Uniform spread of light across the diffuser on all versions. Optical system with waiting position. Integral electronic control gear, 230 V, digital control using DALI, 230 V, halogen-free internal wiring.

THE INNOVATIONS. THE HIGHLIGHTS AT A GLANCE.



SOLO SLIM WITH INDIRECT LIGHT COMPONENT.

The surface-mounted version of Solo Slim creates very convincing lighting effects. The clever alignment of the LED light sources coupled with the discreet openings in the upper section of the housing generate a halo effect, creating an even spread of light across the ceiling and giving the impression that Solo Slim is floating in space. True to the concept of the Solo product family – designed to make a clear statement while remaining unobtrusive.

ONE LUMINAIRE. CHOICE OF OPTICS.

Different applications mean that different requirements need to be met with regard to glare control. The requirements to be met for office workplaces are far more stringent than those for circulation zones, for example. That is why the Solo Slim luminaire offers a choice two optical systems: a frosted diffuser or micro-prismatic optics. The latter feature an optimised, highly transparent, micro-structured prism surface and meet the standard requirements for application in office environments. Both optical systems deliver efficient, visible LED light at UGR < 16, even though they look different.



WHERE YOU WOULD OTHERWISE FIND NO DAYLIGHT.

The best light for human beings is daylight. Daylight is dynamic, in a constant state of change. It affects our feeling of well-being, our power to concentrate, how tired we feel – our overall mental state. The Solo Slim with Tunable White technology enables the continuous adjustment of colour temperature from warm white to cool white light. Artificial light becomes dynamic. The luminous

colour can be adjusted to suit individual preferences. The lighting can be controlled to align with changing daylight conditions. For the first time it is possible to simulate daylight conditions at workplaces deep with a space, where you would otherwise not find any daylight.

ONE NAME. MANY DIFFERENT VERSIONS.

WE INCORPORATE OUR PROJECT EXPERIENCE INTO THE **FURTHER DEVELOPMENT OF OUR PRODUCTS.** WHICH ALSO APPLIES TO THE DEVELOPMENT OF SOLO SLIM.



CEILING AND WALL MOUNTED

Ø 430, 530, 680, 980 mm



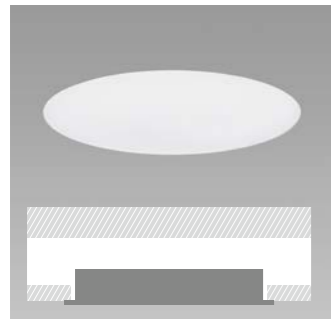
CEILING AND WALL MOUNTED WITH INDIRECT LIGHTING

Ø 430, 530, 680, 980 mm



PENDANT LUMINAIRE

Ø 530, 980 mm



RECESSED CEILING

with trim
Ø 428, 528, 680, 980 mm



RECESSED CEILING

without trim
Ø 414, 514, 664, 964 mm



RECESSED CEILING

in concrete (entire metal housing is recessed)
Ø 414, 514, 664, 964 mm

AVAILABLE AS OF AUTUMN 2016

The housings for the version for embedding in concrete are made of metal and can be recessed in concrete without the need for further accessories, thus also keeping the costs low for this version.

PRODUCT RANGE						
	Recessed ceiling luminaire			Ceiling mounted luminaire (with and without indirect lighting)	Ceiling and wall mounted luminaire (with and without indirect lighting)	Pendant luminaire
Diameter recessed/surface-mounted	without trim with Linect®	with trim with Linect®	in concrete	white/silver	white/silver	white/silver
Solo Slim Office C-LED						
414/430	•	•	•	•	–	–
514/530	•	•	•	•	–	•
670/680	•	•	•	•	–	–
970/980	•	•	•	•	–	•
Solo Slim LED						
414/430	•	•	•	•	•	–
514/530	•	•	•	•	•	•
670/680	•	•	•	•	•	–
970/980	•	•	•	•	•	•



SOLO SLIM CEILING AND WALL MOUNTED LUMINAIRES

round surface-mounted LED luminaire featuring timeless formal language, passive cooling of LEDs, high luminous efficacy of up to 120 lm/W (low energy consumption) extremely even spread of light across the frosted diffuser or micro-prismatic optics meets the standard requirements for glare control at computer workstations (UGR < 19 und $L_{max} \geq 65^\circ \leq 3000 \text{ cd/m}^2$) at luminous flux levels of up to 11,850 lm

self-centring optical system can be locked into place to facilitate mounting

ceiling mounted luminaire with high-grade aluminium housing in silver (painted) or white (powder-coated), no screws and no visible seams on the housing

LED insert packed separately, can be replaced on site when/if necessary

luminous flux of luminaire up to 18,000 lm

light distribution: direct

colour temperature 3000 K or 4000 K

colour rendering index CRI > 80

very long lifespan of LEDs L80 (B10) 50,000 h

colour tolerances MacAdam 3

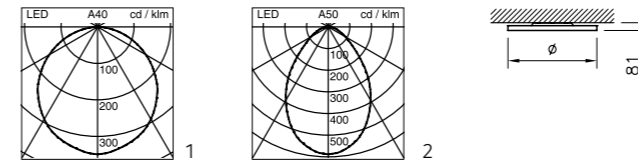
halogen-free LED board and halogen-free internal wiring

DALI-dimmable, suitable for emergency lighting (can be operated on DC) and available with emergency lighting module

4 different diameters (Ø 430, 530, 680 and 980 mm)

IP44 kit optional

weight: depends on the version of the luminaire



Solo Slim LED ceiling and wall mounted luminaire

System power	Luminous flux	Colour temperature	Diameter	Light control	Light distr. curve	Ref. n° silber	Ref. n° white
approx. 10 W	1150 lm	4000 K	430 mm	DALI	1	114H174L1JC	114W174L1JC
approx. 20 W	2150 lm	4000 K	430 mm	DALI	1	114H174L2JC	114W174L2JC
approx. 19 W	2200 lm	4000 K	530 mm	DALI	1	114H175L1JC	114W175L1JC
approx. 33 W	3600 lm	4000 K	530 mm	DALI	1	114H175L2JC	114W175L2JC
approx. 52 W	5300 lm	4000 K	530 mm	DALI	1	114H175L3JC	114W175L3JC
approx. 33 W	3850 lm	4000 K	680 mm	DALI	1	114H176L1JC	114W176L1JC
approx. 51 W	5550 lm	4000 K	680 mm	DALI	1	114H176L2JC	114W176L2JC
approx. 84 W	8500 lm	4000 K	680 mm	DALI	1	114H176L3JC	114W176L3JC
approx. 74 W	8600 lm	4000 K	980 mm	DALI	1	114H179L1JC	114W179L1JC
approx. 104 W	11300 lm	4000 K	980 mm	DALI	1	114H179L2JC	114W179L2JC
approx. 178 W	18000 lm	4000 K	980 mm	DALI	1	114H179L3JC	114W179L3JC
approx. 35 W	3600 lm	2700 K - 6500 K	530 mm		1	114H175L2BYC	114W175L2BYC

Solo Slim Office C-LED ceiling mounted luminaire

approx. 10 W	1150 lm	4000 K	430 mm	DALI	2	114H274L1JC	114W274L1JC
approx. 20 W	2150 lm	4000 K	430 mm	DALI	2	114H274L2JC	114W274L2JC
approx. 19 W	2200 lm	4000 K	530 mm	DALI	2	114H275L1JC	114W275L1JC
approx. 33 W	3700 lm	4000 K	530 mm	DALI	2	114H275L2JC	114W275L2JC
approx. 52 W	5500 lm	4000 K	530 mm	DALI	2	114H275L3JC	114W275L3JC
approx. 33 W	4050 lm	4000 K	680 mm	DALI	2	114H276L1JC	114W276L1JC
approx. 51 W	5750 lm	4000 K	680 mm	DALI	2	114H276L2JC	114W276L2JC
approx. 74 W	8900 lm	4000 K	980 mm	DALI	2	114H279L1JC	114W279L1JC
approx. 104 W	11850 lm	4000 K	980 mm	DALI	2	114H279L2JC	114W279L2JC
approx. 35 W	3700 lm	2700 K - 6500 K	530 mm		2	114H275L2BYC	114W275L2BYC

Accessories

Sealing ring kit IP44 for surface-mounted luminaire – 2 pcs	Ref. n°	Pendulum suspension for ceiling mounted luminaire	Ref. n°
for ceiling mounted luminaire Ø 430	113DICSET.01	mounting kit, with three mounting points, without cable, $L_{max} = 2.8 \text{ m}$	113MONSET.05
for ceiling mounted luminaire Ø 530	113DICSET.02	mounting kit, 3 suspension cables per mounting point, without cable, $L_{max} = 2.8 \text{ m}$	113MONSET.12
for ceiling mounted luminaire Ø 680	113DICSET.03	cable set, $L = 3000 \text{ mm}$, 5 poles	on request
for ceiling mounted luminaire Ø 980	113DICSET.04		

All versions available with 3000 K (substitute «...JC» at the end of the order number with «...DC»)

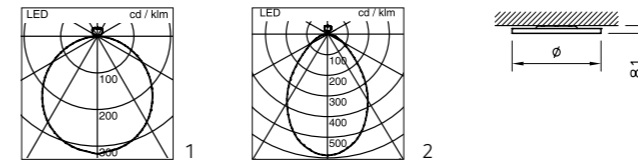
All versions suitable for emergency lighting (DC-compatible)

Available with emergency module



SOLO SLIM CEILING AND WALL MOUNTED LUMINAIRES WITH INDIRECT LIGHT COMPONENT

round surface-mounted LED luminaire featuring timeless formal language, passive cooling of LEDs, high luminous efficacy of up to 121 lm/W (low energy consumption) extremely even spread of light across the frosted diffuser or micro-prismatic optics meets the standard requirements for glare control at computer workstations (UGR < 19 und $L_{max} \geq 65^\circ \leq 3000 \text{ cd/m}^2$) at luminous flux levels of up to 11,850 lm self-centring optical system can be locked into place to facilitate mounting ceiling mounted luminaire with high-grade aluminium housing in silver (painted) or white (powder-coated), no screws and no visible seams on the housing LED insert packed separately, can be replaced on site when/if necessary luminous flux of luminaire up to 18,000 lm light distribution: direct-indirect, (indirect light component approx. 5%) colour temperature 3000 K or 4000 K colour rendering index CRI > 80 very long lifespan of LEDs L80 (B10) 50,000 h colour tolerances MacAdam 3 halogen-free LED board and halogen-free internal wiring DALI-dimmable, suitable for emergency lighting (can be operated on DC) and available with emergency lighting module 4 different diameters (Ø 430, 530, 680 and 980 mm) weight: depends on the version of the luminaire



Solo Slim LED ceiling and wall mounted luminaire with indirect light component

System power	Luminous flux	Colour temperature	Diameter	Light control	Light distr. curve	Ref. n° silver	Ref. n° white
approx. 10 W	1150 lm	4000 K	430 mm	DALI	1	114H194L1JC	114W194L1JC
approx. 20 W	2150 lm	4000 K	430 mm	DALI	1	114H194L2JC	114W194L2JC
approx. 19 W	2200 lm	4000 K	530 mm	DALI	1	114H195L1JC	114W195L1JC
approx. 33 W	3600 lm	4000 K	530 mm	DALI	1	114H195L2JC	114W195L2JC
approx. 52 W	5300 lm	4000 K	530 mm	DALI	1	114H195L3JC	114W195L3JC
approx. 33 W	3850 lm	4000 K	680 mm	DALI	1	114H196L1JC	114W196L1JC
approx. 51 W	5550 lm	4000 K	680 mm	DALI	1	114H196L2JC	114W196L2JC
approx. 84 W	8500 lm	4000 K	680 mm	DALI	1	114H196L3JC	114W196L3JC
approx. 74 W	8600 lm	4000 K	980 mm	DALI	1	114H199L1JC	114W199L1JC
approx. 104 W	11300 lm	4000 K	980 mm	DALI	1	114H199L2JC	114W199L2JC
approx. 178 W	18000 lm	4000 K	980 mm	DALI	1	114H199L3JC	114W199L3JC
approx. 35 W	3600 lm	2700 K - 6500 K	530 mm		1	114H195L2BYC	114W195L2BYC

Solo Slim Office C-LED ceiling mounted luminaire with indirect light component

approx. 10 W	1150 lm	4000 K	430 mm	DALI	2	114H294L1JC	114W294L1JC
approx. 20 W	2150 lm	4000 K	430 mm	DALI	2	114H294L2JC	114W294L2JC
approx. 19 W	2200 lm	4000 K	530 mm	DALI	2	114H295L1JC	114W295L1JC
approx. 33 W	3700 lm	4000 K	530 mm	DALI	2	114H295L2JC	114W295L2JC
approx. 52 W	5500 lm	4000 K	530 mm	DALI	2	114H295L3JC	114W295L3JC
approx. 33 W	4050 lm	4000 K	680 mm	DALI	2	114H296L1JC	114W296L1JC
approx. 51 W	5750 lm	4000 K	680 mm	DALI	2	114H296L2JC	114W296L2JC
approx. 74 W	8900 lm	4000 K	980 mm	DALI	2	114H299L1JC	114W299L1JC
approx. 104 W	11850 lm	4000 K	980 mm	DALI	2	114H299L2JC	114W299L2JC
approx. 35 W	3700 lm	2700 K - 6500 K	530 mm		2	114H295L2BYC	114W295L2BYC

Accessories

Pendulum suspension for ceiling mounted luminaire	Ref. n°
mounting kit, with three mounting points, without cable, $L_{max} = 2.8 \text{ m}$	113MONSET.05
mounting kit, 3 suspension cables per mounting point, without cable, $L_{max} = 2.8 \text{ m}$	113MONSET.12
cable set, $L=3000 \text{ mm}$, 5 poles	on request

All versions available with 3000 K (substitute «...JC» at the end of the order number with «...DC»)

All versions suitable for emergency lighting (DC-compatible)

Available with emergency module



SOLO SLIM PENDANT LUMINAIRES

round LED pendant luminaire featuring timeless formal language, passive cooling of LEDs, high luminous efficacy of up to 140 lm/W (low energy consumption)

extremely even spread of light across the frosted diffuser or micro-prismatic optics meets the standard requirements for glare control at computer workstations (UGR < 19 und $L_{max} \geq 65^\circ \leq 3000 \text{ cd/m}^2$) at luminous flux levels of up to 16,100 lm

ceiling canopy made of anodised aluminium with pendant tube and self-levelling ball joint

self-centring optical system can be locked into place to facilitate mounting

pendant luminaire with high-grade aluminium housing in silver (painted) or white (powder-coated), no screws and no visible seams on the housing

LED insert pre-installed in sealed luminaire housing

luminous flux of luminaire up to 16,100 lm

light distribution: direct-indirect

colour temperature 3000 K or 4000 K

colour rendering index CRI > 80

very long lifespan of LEDs L80 (B10) 50,000 h

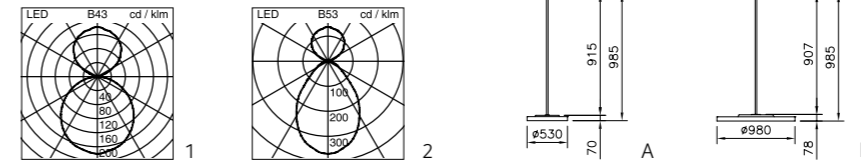
colour tolerances MacAdam 3

halogen-free LED board and halogen-free internal wiring

DALI-dimmable, suitable for emergency lighting (can be operated on DC) and available with emergency lighting module

2 different diameters (Ø 530 and 980mm)

weight: depends on the version of the luminaire



Solo Slim LED pendant luminaire

System power	Luminous flux	Colour temperature	Diameter	Light control	Light distr. curve	Scale drawing	Ref. n° silver	Ref. n° white
approx. 25 W	3300 lm	4000 K	530 mm	DALI	1	A	114H185L1JC	114W185L1JC
approx. 52 W	6500 lm	4000 K	530 mm	DALI	1	A	114H185L2JC	114W185L2JC
approx. 63 W	8250 lm	4000 K	980 mm	DALI	1	B	114H189L1JC	114W189L1JC
approx. 125 W	15600 lm	4000 K	980 mm	DALI	1	B	114H189L2JC	114W189L2JC
approx. 55 W	6500 lm	2700 K – 6500 K	530 mm		1	A	114H185L2BYC	114W185L2BYC

Solo Slim Office C-LED pendant luminaire

approx. 25 W	3400 lm	4000 K	530 mm	DALI	2	A	114H285L1JC	114W285L1JC
approx. 52 W	6600 lm	4000 K	530 mm	DALI	2	A	114H285L2JC	114W285L2JC
approx. 63 W	8400 lm	4000 K	980 mm	DALI	2	B	114H289L1JC	114W289L1JC
approx. 125 W	16100 lm	4000 K	980 mm	DALI	2	B	114H289L2JC	114W289L2JC
approx. 55 W	6600 lm	2700 K – 6500 K	530 mm		2	A	114H285L2BYC	114W285L2BYC

All versions available with 3000 K (substitute «...JC» at the end of the order number with «...DC»)

All versions suitable for emergency lighting (DC-compatible)

Available with emergency module

Contact

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