SIMPLIA



INDUSTRIAL

PLASTIC

DUSTPROOF

WATERPROOF

IMPACT RESISTANT

COST-EFFECTIVE

SIMPLIA – industrial plastic LED light fitting

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IP65



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SIMPLIA



... economically efficient, dustproof, waterproof, impact resistant.

USE

The **SIMPLIA** luminaire combines minimalist design, high efficiency and reliable performance in demanding environments.
Thanks to its clean lines and homogeneous light distribution, it ensures high-quality, uniform illumination of both working and technical areas.

The variable light output enabled by the **MultiLumen function** allows the lighting intensity to be adjusted to current requirements, with a strong emphasis on an optimal price-to-performance ratio.
Its robust construction made of highly durable polycarbonate, complemented by stainless steel diffuser locks, guarantees a long service life even in challenging industrial conditions.

SIMPLIA is designed for quick and easy installation with flexible mounting options, saving both time and installation costs.
Thanks to its maintenance-free operation and long lifetime, it minimizes operating expenses and provides efficient and reliable lighting for car parks, garages, workshops, production lines and warehouse facilities.

ADVANTAGES

- Light fitting protection **IP65**
- High temperature resistance in a range from ta = -25 °C to **ta = 40 °C**
- Lifetime: 50 000 hours / L85B20
- Lifetime: 100 000 hours / L70B50
- High **mechanical resistance IK10**
- Flicker-free stable light output
- **Variable suspension pitch,** optional installation of light fitting even on an existing structure on which the original light fittings were suspended
- **MultiLumen (ML)** function enables simple switching between up to four luminous fluxes via driver's DIP switch.
- Optional throughwiring (up to 5 wires inside the light fitting)
- Standard model CRI > 80: 4000 K
- Optional delivery in dimmable version

SIMPLIA

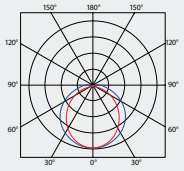


TECHNICAL DESCRIPTION

- Light fitting protection: **IP65**
- Maximum ambient temperature: **ta = 40 °C**
- Maximum ambient temperature: ta = 0-40 °C for version with emergency back-up M3hAt
- Lifetime: 50 000 hours / L85B20
- Lifetime: 100 000 hours / L70B50
- Maximum light fitting efficiency: **137 lm/W**
- Optimum luminaire installation height **from 3 to 8 m**
- **CRI > 80: 4000 K**
- **MultiLumen (ML):** luminous flux variable in up to 4 steps. In the standard version preset maximum luminous flux.
- MacAdam = 4 SDCM
- Diffuser: **translucent PC** (high mechanical resistance, UV stability)
- Body: grey PC (high mechanical resistance, UV stability, RAL 7035)
- Reflector: steel sheet, white colour (RAL 9003)
- Mounting brackets: stainless steel, stainless steel hooks included
- **Diffuser locks: stainless steel**
- Sealing: silicone
- Cable gland: 1x screwed M20x1,5 and 1x blinding plug (basic version)
- Terminal block: screwless, three-pole (basic version)
- The values stated for power consumption and luminous flux are in a tolerance of ± 7.5 %



SIMPLIA M1200



Type	Max. ambient temperature [°C]	Preselected Step 1 of MultiLumen function			Net weight [kg]	A [mm]	D [mm]
		Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]			
Up to ambient temperature ta = 40 °C - body: grey polycarbonate - diffuser: translucent polycarbonate							
SIMPLIA M1200 4400/840 *	40	4440	32,6	136	1,8	1170	570 - 960
SIMPLIA L1500 6400/840 *	40	6470	47,9	135	2,1	1450	850 - 1240

*) Also available with MultiLumen function:

Type	MultiLumen function								
	Step 2			Step 3			Step 4		
	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]
SIMPLIA M1200 4400/840 ML	3810	27,9	137	3170	23,3	136	2540	18,6	137
SIMPLIA L1500 6400/840 ML	5550	41,1	135	4620	34,2	135	3700	27,4	135

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Non-dimmable driver

Code	Type	1F	3F	M3hAt	3F M3hAt
112348	SIMPLIA M1200 4400/840 ML	112383	112385	112387	112389
112349	SIMPLIA L1500 6400/840 ML	112384	112386	112388	112390

SIMPLIA DALI

Digital dimmable driver DALI

Code	Type	1F	3F	M3hAt	3F M3hAt
112391	SIMPLIA M1200 4400/840 DALI	112393	x	112395	x
112392	SIMPLIA L1500 6400/840 DALI	112394	x	112396	x

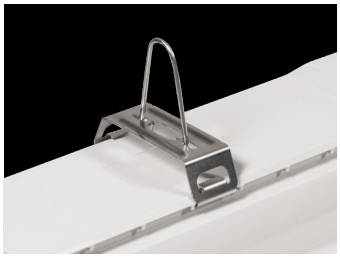
LEGEND

1F - 1-phase 3 core through-wiring in the luminaire
3F - 3-phase 5 core through-wiring in the luminaire
M3hAt - emergency back-up source with 3 hour operating time for maintained emergency illumination with battery autotest
3F M3hAt - 3-phase 5 core through-wiring in the luminaire (L3 used for emergency unit unswitched power supply)
DALI - version with digital dimmable driver DALI
DALI 1F - 1-phase 5 core through-wiring in the luminaire

LIGHT FITTING ATTACHMENT

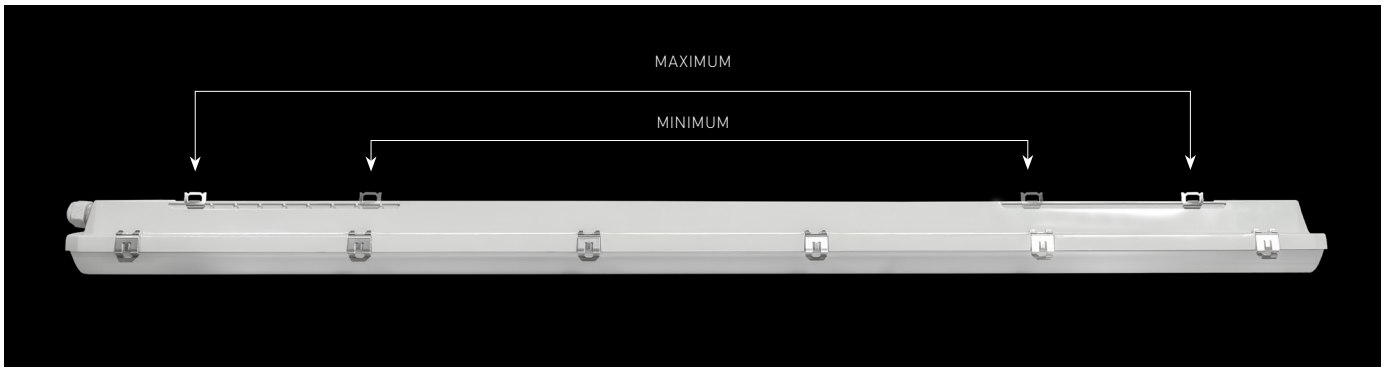
a) Directly to a ceiling or a wall with the use of screws and stainless brackets
b) Suspension with the use of stainless hooks





VARIABLE INSTALLATION PITCH

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LIGHT FITTING DETAILED VIEW

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