



LUMAX65

Combined general and safety luminaire with high type of protection.
Round luminaire with housing as surrounding frame made of plastic with domed diffuser made of opal plastic. Homogeneous light emission. Special LED board with a large and a small LED circuit for different functions regarding the general and safety lighting. Special versions with integrated motion detector available.

Versions for surface wall and ceiling mounting

Also deliverable as luminaire for general lighting

MOUNTING TYPES



TECHNICAL DATA

Housing: Polycarbonate, black (RAL 9005)
Polycarbonate, grey (RAL 7024)

Diffuser: PMMA, opal

Service life $L_{80B_{20}}$: 50.000 h

Color stability: 3 SDCM

Color temperature: 3.000 K or 4.000 K

Color rendering index: 80

Optic interface: LIFE



Commissioning: For Autotest, operating duration, operating mode PS, monitoring group and test duration are only programmable per app B.connect over smartphone locally on luminaire.

SELF-CONTAINED SUPPLY

Mains supply: 198 V – 254 V/50 Hz

Switching: Maintained or non-maintained

Ambient temperature: -10 °C to +45 °C

Protection class: I

DECENTRAL SUPPLY

Mains supply: 24 V +/- 20 % DC

Battery supply: 24 V +/- 20 % DC

Ambient temperature: -20 °C to +40 °C

Protection class: III with connection only to low voltage,
I with additional connection to voltages above low voltage

CENTRAL SUPPLY

Mains supply: 198 V – 254 V/50 Hz

Battery supply: 176 V – 276 V

Ambient temperature: -20 °C to +40 °C

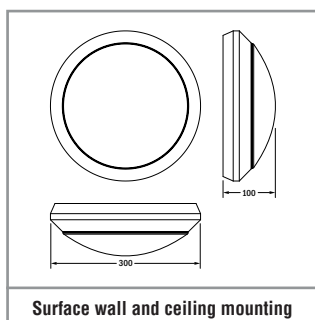
Protection class: I

Mains supply (alt.): 90 V – 254 V / 50/60 Hz⁸

Battery supply (alt.): 90 V – 276 V⁸

⁸ For order codes 31083, 31087, 31091, 31095, 31201, 31205, 31209, 31213

Variant	T _c	Φ
LIFE / Sicuro24 / Sicuro230	3.000 K	1.850 lm
	4.000 K	1.850 lm



Autotest / CableCom Order code	Logica Order code	Logica FM Order code	Version	Housing	LED	$\Phi =$ 1 h	$\Phi =$ 3 h	$\Phi =$ 8 h		S~
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Surface wall mounting, surface ceiling mounting¹

37123	37124	37125	3K	black	68	340 lm	170 lm	68 lm	LIFE 6.4 V / 1.5 Ah	8 VA
37120	37121	37122	4K	black	68	340 lm	170 lm	68 lm	LIFE 6.4 V / 1.5 Ah	8 VA
37129	37130	37131	3K	grey	68	340 lm	170 lm	68 lm	LIFE 6.4 V / 1.5 Ah	8 VA
37126	37127	37128	4K	grey	68	340 lm	170 lm	68 lm	LIFE 6.4 V / 1.5 Ah	8 VA

Surface wall mounting, surface ceiling mounting¹ with motion detector²

37233	37234	37235	3K	black	68	340 lm	170 lm	68 lm	LIFE 6.4 V / 1.5 Ah	8 VA
37230	37231	37232	4K	black	68	340 lm	170 lm	68 lm	LIFE 6.4 V / 1.5 Ah	8 VA
37239	37240	37241	3K	grey	68	340 lm	170 lm	68 lm	LIFE 6.4 V / 1.5 Ah	8 VA
37236	37237	37238	4K	grey	68	340 lm	170 lm	68 lm	LIFE 6.4 V / 1.5 Ah	8 VA

SICURO[®] DECENTRAL SUPPLY

Sicuro24 Order code	Version	Housing	LED	$\Phi =$	P =
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Surface wall mounting, surface ceiling mounting³

32066	3K	black	68	340 lm	4.3 W
32065	4K	black	68	340 lm	4.3 W
32068	3K	grey	68	340 lm	4.3 W
32067	4K	grey	68	340 lm	4.3 W

Surface wall mounting, surface ceiling mounting³ with motion detector²

32121	3K	black	68	340 lm	4.3 W
32120	4K	black	68	340 lm	4.3 W
32123	3K	grey	68	340 lm	4.3 W
32122	4K	grey	68	340 lm	4.3 W

¹ Small LED circuit: with LIFE driver module for safety lighting.
Large LED circuit: LED driver for general lighting.

² The motion detector requires either a separate supply cable or additional supply wires from the general lighting (if present) with continuous voltage (230 V / 50 Hz).

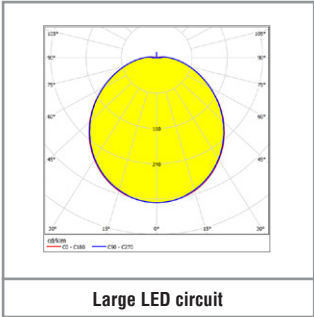
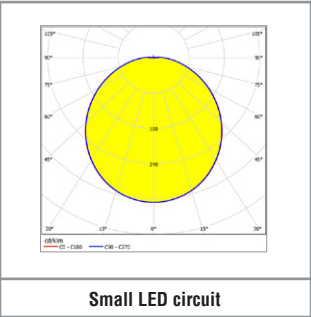
³ Small LED circuit: with S24 driver module G31445 for safety lighting.
Large LED circuit: LED driver for general lighting.

⁴ Small LED circuit: not used.
Large LED circuit: with S230 module 17382 and LED driver for safety lighting.

⁵ Small LED circuit: with S230 driver module 17380 for safety lighting.
Large LED circuit: LED driver for general lighting.

⁶ Small LED circuit: not used.
Large LED circuit: LED driver for general lighting or safety lighting.

⁷ Small LED circuit: LED driver for safety lighting.
Large LED circuit: LED driver for general lighting.



SICURO[®] CENTRAL SUPPLY

Sicuro230 Order code	Version	Housing	LED	$\Phi =$	S~	P =
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Surface wall mounting, surface ceiling mounting with luminaire monitoring (EÜ), without reduced power in battery operation⁴

31086	3K	black	68	1.850 lm	20 VA / 18.5 W
31082	4K	black	68	1.850 lm	20 VA / 18.5 W
31094	3K	grey	68	1.850 lm	20 VA / 18.5 W
31090	4K	grey	68	1.850 lm	20 VA / 18.5 W

Surface wall mounting, surface ceiling mounting with luminaire monitoring (EÜ) and reduced power in battery operation⁵

31087	3K	black	68	340 lm	20 VA / 4.7 W
31083	4K	black	68	340 lm	20 VA / 4.7 W
31095	3K	grey	68	340 lm	20 VA / 4.7 W
31091	4K	grey	68	340 lm	20 VA / 4.7 W

Surface wall mounting, surface ceiling mounting with circuit monitoring (SÜ), without reduced power in battery operation⁶

31088	3K	black	68	1.850 lm	18.5 VA / 17 W
31084	4K	black	68	1.850 lm	18.5 VA / 17 W
31096	3K	grey	68	1.850 lm	18.5 VA / 17 W
31092	4K	grey	68	1.850 lm	18.5 VA / 17 W

Surface wall mounting, surface ceiling mounting with circuit monitoring (SÜ) and reduced power in battery operation⁷

31089	3K	black	68	340 lm	20 VA / 5.4 W
31085	4K	black	68	340 lm	20 VA / 5.4 W
31097	3K	grey	68	340 lm	20 VA / 5.4 W
31093	4K	grey	68	340 lm	20 VA / 5.4 W

Surface wall mounting, surface ceiling mounting with luminaire monitoring (EÜ), without reduced power in battery operation⁴ with motion detector²

31204	3K	black	68	1.850 lm	20 VA / 18.5 W
31200	4K	black	68	1.850 lm	20 VA / 18.5 W
31212	3K	grey	68	1.850 lm	20 VA / 18.5 W
31208	4K	grey	68	1.850 lm	20 VA / 18.5 W

Surface wall mounting, surface ceiling mounting with luminaire monitoring (EÜ) and reduced power in battery operation⁵ with motion detector²

31205	3K	black	68	340 lm	20 VA / 4.7 W
31201	4K	black	68	340 lm	20 VA / 4.7 W
31213	3K	grey	68	340 lm	20 VA / 4.7 W
31209	4K	grey	68	340 lm	20 VA / 4.7 W

Surface wall mounting, surface ceiling mounting with circuit monitoring (SÜ), without reduced power in battery operation⁶ with motion detector²

31206	3K	black	68	1.850 lm	18.5 VA / 17 W
31202	4K	black	68	1.850 lm	18.5 VA / 17 W
31214	3K	grey	68	1.850 lm	18.5 VA / 17 W
31210	4K	grey	68	1.850 lm	18.5 VA / 17 W

Surface wall mounting, surface ceiling mounting with circuit monitoring (SÜ) and reduced power in battery operation⁷ with motion detector²

31207	3K	black	68	340 lm	20 VA / 5.4 W
31203	4K	black	68	340 lm	20 VA / 5.4 W
31215	3K	grey	68	340 lm	20 VA / 5.4 W
31211	4K	grey	68	340 lm	20 VA / 5.4 W