

PROFILIGHT SGN LED



CE IP40



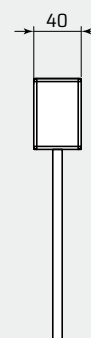
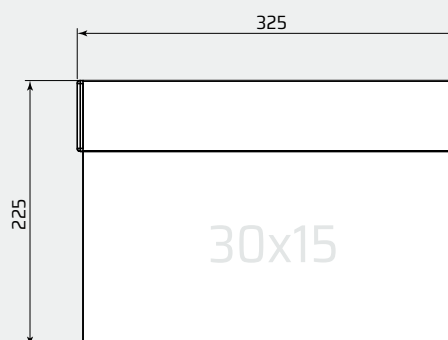
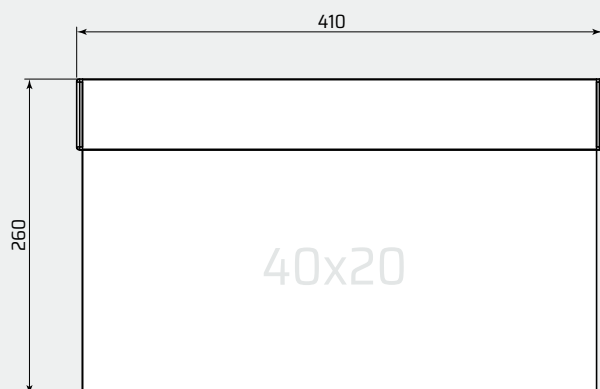
PROFILIGHT SGN LED is a low power LED luminaire designed for emergency escape lighting installed inside buildings. Depending on the mounting type allows for the surface, suspended or recessed installation. Its main task is to indicate escape routes by means of internally illuminated evacuation signs in the ISO 7010 standard.

The luminaire consists of two parts. The main part with electronics, battery, LED strip and lamp shade for evacuation sign is invariable of mounting method. The mounting part is variable and is dedicated to various types of mounting. It is possible to order luminaire without a lamp shade with evacuation sign. PROFILIGHT SGN LED is compatible with all emergency lighting systems offered by HYBRID.

Safety sign visibility:

30x15cm  30m

40x20cm  40m



LUMINAIRE FEATURES

- Luminaire shows the directions of escape
- LED indicators signalling the luminaire state
- Deep discharge battery protection
- Maintained/non-maintained operation mode
- A lot of mounting types
- Housing is made of aluminum, lamp shade of PMMA
- Installation inside the building

TECHNICAL DATA

Supply voltage	ST, AT, CT	230V AC 50/60Hz
	CB	230V AC 50/60Hz 80-275V DC
	CBAM	230V AC 50/60Hz 170-275V DC
	LVAM	15-32V DC
Protection class	ST, AT, CT, CB, CBAM	I
	LVAM	III
Ingress protection		IP40
Light source		LED strip ¹⁾
Light colour temperature		5000K
Light source supply power		1W
Sign visibility		30m
Light source lifespan		> 50 000h

Battery voltage		4.8V
Battery type/capacity	Ni-CD	1.0Ah
	Ni-MH	1.6Ah
Battery recharging time		< 24h
Emergency operation time	ST, AT, CT	1h, 3h
Ambient temperature	ST, AT, CT	+5 - +40°C; TE: ²⁾ -20 - +40°C
	CB, CBAM	-10 - +55°C; TE: ²⁾ -25 - +65°C
	LVAM	-25 - +70°C
Supply cable cross-section area		0.5 - 2.5mm ²
Supply cable diameter		≤ 13mm
Communication cable diameter		≤ 7mm
Suitable for through wiring		YES
Suitable for surface wiring		YES

¹⁾ Non-exchangeable, but serviceable light source; ²⁾ TE - extended temperature range

AVAILABLE SYSTEMS

ST - STANDARD - tests commissioned manually

AT - AUTOTEST - internal components, battery and light source tests being performed automatically

CT - CENTRALTEST - internal components, battery and light source tests being performed on command from the main unit of central management system H-300


CB - luminaire supplied from HVCBS (230V AC/ 216V DC), without address module

CBAM - luminaire supplied from the HVCBS (230V AC/ 216V DC), with built-in address module and operating mode selection

LVAM - luminaire supplied with 24V DC from the LVDBS system, with built-in address module and operating mode selection

MATERIAL

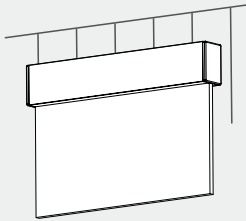
Housing material - powder coated aluminum

Housing colours -  RAL 9003, other colours on special order

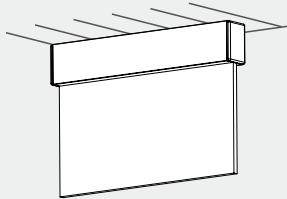
Lamp shade material - PMMA

MOUNTING TYPES

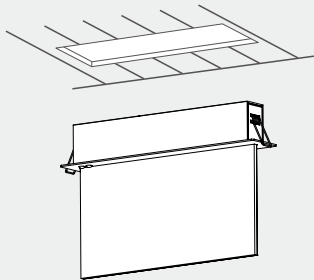
W4 - back to the wall



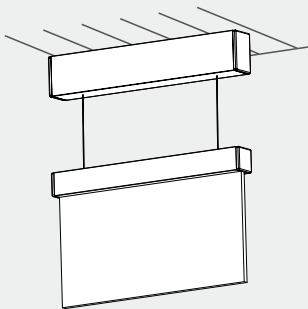
C32 - directly to the ceiling



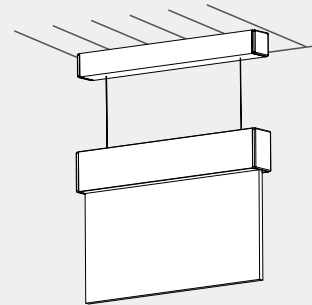
C5' - recessed



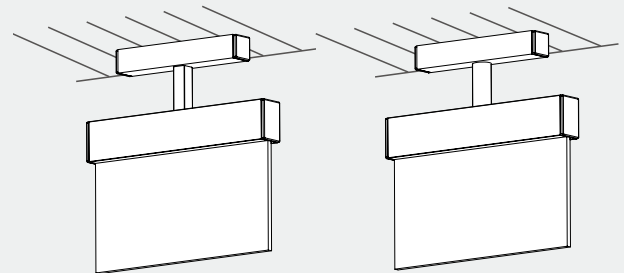
C24 - flexible suspended with electronics at the ceiling



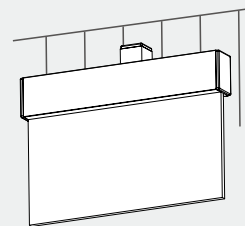
C25 - flexible suspended with electronics at the safety sign



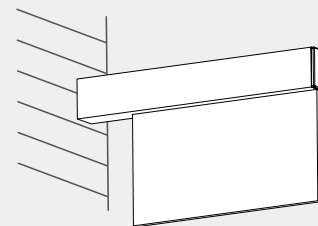
C26/C26K - rigid suspended (round/square vertical profile)



W15 - back to the wall with additional bracket

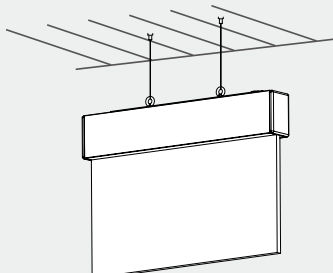


W17 - side to the wall

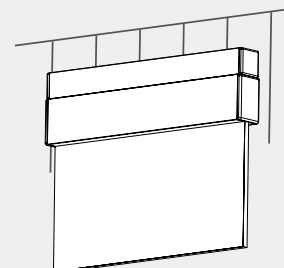


MOUNTING KITS

PROFILIGHT C103 - allows suspended mounting of the **C32** luminaire
















PROFILIGHT W134 - allows wall mounting of the **C32** luminaire
















SAFETY SIGNS

Signs visible on both sides

Signs visible on one side only

P04	
PI05	
PI06	
PI15	
PI17	
PI18	
PI21	
PI22	
PI23	
PI24	
PI25	
PI26	
PI27	

P04/00	
PI05/00	
PI06/00	
PI15/00	
PI17/00	
PI18/00	
PI21/00	
PI22/00	
PI23/00	
PI24/00	
PI25/00	
PI26/00	
PI27/00	

ORDERING

PROFILIGHT SGN LED 0000 - EN - 30x15 - ST - 3h - M - 9003 - FT - C26 - H050 - PI21

System variant:

ST - standard

AT - autotest

CT - centraltest

CB - centrally supplied luminaire

CBAM - centrally supplied luminaire, with address module

LVAM - centrally low voltage supplied luminaire with address module

Emergency operation time:

1h - emergency operation time of 60 minutes

2h - emergency operation time of 180 minutes

3h - emergency operation time of 480 minutes

X - not applicable (CB, CBAM, LVAM)


Operation mode:

M - maintained

NM - non-maintained

X - not applicable (CB, CBAM, LVAM)

Housing colour:

9003 -  RAL 9003

... - other on special order

Surface finish:

FT - fine texture

Mounting types:

W4 - back to the wall

C32 - directly to the ceiling

C5 - recessed

C24 - flexible suspended with electronics at the ceiling

C25 - flexible suspended with electronics at the safety sign

C26 - rigid suspended with round vertical profile

C26K - rigid suspended with square vertical profile

W15 - back to the wall with additional bracket

W17 - side to the wall

Suspension height of the luminaire (bottom of the luminaire to the ceiling):

H040 - 40cm (default for C26)

H050 - 50cm (default for C24 i C25)

...

X - not applicable (C5, C32, W4, W15, W17)

Safety sign:

... - see table „SAFETY SIGNS“

S - set of safety signs

NOP - plate without safety sign

X - without PC plate