

SPARK SGN LED

SPARK SGN LED is a low power surface mounted LED luminaire designed for emergency escape lighting. Its main task is to indicate escape routes by means of internally illuminated evacuation sign in the ISO 7010 standard.

SPARK SGN LED is compatible with all emergency lighting systems offered by HYBRYD.



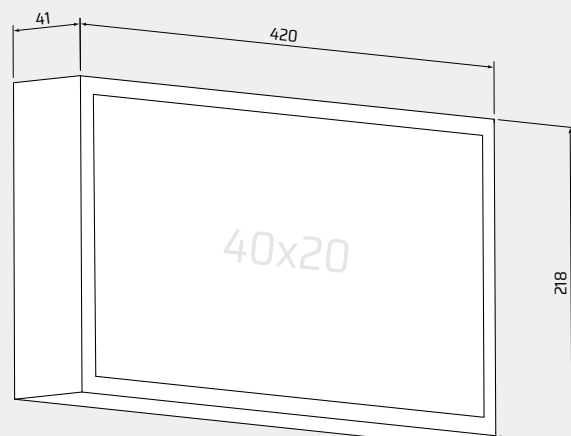
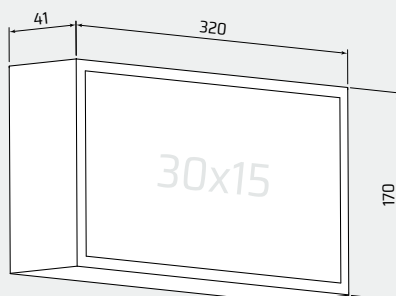
CE IP40



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
- Possibility of connecting to the monitoring system or collective power supply system
- Wall mounting
- Housing is made of aluminum, lamp shade of PC
- Installation inside the building
- Two size variants

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

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 Strips ¹⁾
Light colour temperature		5000K
Colour rendering index		70

Light source supply power		2W
Sign visibility	30x15cm ²⁾	30m
	40x20cm	40m
Light source lifespan		> 50 000h
Battery type	ST, AT, CT	Ni-MH
Battery recharging time	ST, AT, CT	< 24h
Emergency operation time	ST, AT, CT	1h, 3h
	ST, AT, CT	+5 - +45°C
Ambient temperature	CB, CBAM	-25 - +60°C
	LVAM	-25 - +65°C
		YES
Through wiring		YES

¹⁾ Non-exchangeable, but servicable light source

²⁾ Safety sign dimensions

MATERIAL

Housing material - powder coated aluminum

Housing colours - ○ RAL 9003, ● RAL 9006, ● RAL 9005, other on special order

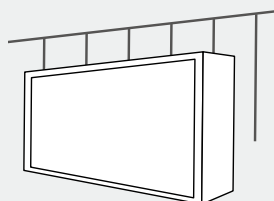
Lamp shade material - PC

MOUNTING KIT














W137 - luminaires are mounted with its longer side to the ceiling or to the wall with the possibility of setting the angle

MOUNTING TYPE

W1 - back to the wall



SAFETY SIGNS

P04		P118		PI25	
PI05		PI21		PI26	
PI06		PI22		PI27	
PI15		PI23			
PI17		PI24			

ORDERING

SPARK SGN LED 0000 - EN - SS - 30x15 - AT - 3h - 9003 - FT - W1 - X - PI21

Safety sign dimension:

30x15 - 30x15cm

40x20 - 40x20cm

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

3h - emergency operation time of 180 minutes

X - not applicable (CB, CBAM, LVAM)

Housing colours:

9003 -  RAL 9003

9006 -  RAL 9006

9005 -  RAL 9005

... - other on special order

Mounting types:

W1 - back to the wall

Safety sign:

NOP - plate without safety sign

... - see table „SAFETY SIGNS“

X - without PC plate (shade ordered separately)

Caution: The luminaire can not be mounted without a plate with safety sign