

SPARK DYN LED

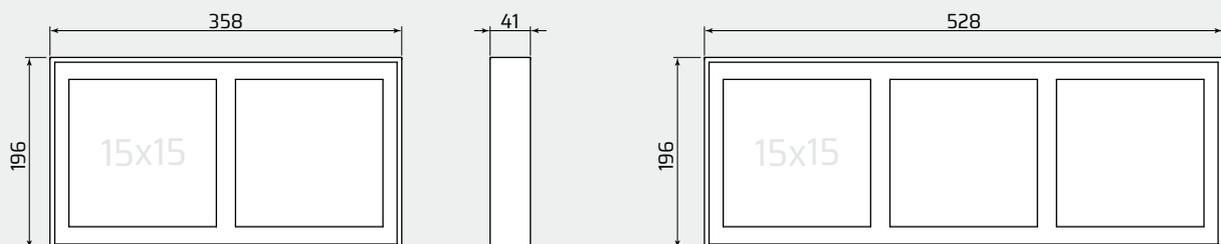


SPARK DYN LED is a Dynamic System Emergency Lighting luminaire based on **SPARK SGN LED** luminaire components.

The luminaire consists of two parts. The main part with cross/arrow modules, evacuation sign in the ISO 7010 standard, electronics and optional battery. The mounting part is variable and is dedicated to various types of mounting.

Safety sign visibility:

30x15cm  30m



LUMINAIRE FEATURES

- Luminaire shows the directions of escape
- LED indicators signalling the luminaire state
- Deep discharge battery protection
- A lot of mounting types
- Housing is made of aluminum, lamp shade of PMMA
- Installation inside the building
- A lot of size variants
- Modular construction
- One-sided and two-sided

MATERIAL

Housing material - powder coated aluminum, steel

Housing colour -  RAL 9003, other colours on special order

Lamp shade material - PMMA

TECHNICAL DATA

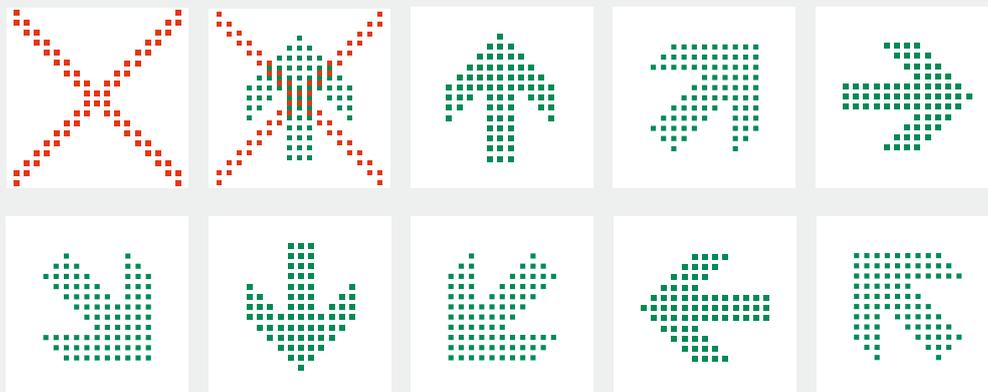
Supply voltage	195-265V AC 50/60Hz
Protection class	I
Ingress protection	IP40
Light source	LED modules ¹⁾
Light source supply power	2-6W
Sign visibility	30m
Light source lifespan	> 50 000h
Battery type	Ni-Cd, Ni-MH

Battery voltage	6V; 7.2V; 8.4V
Battery recharging time	< 24h
Emergency operation time	1h; 2h; 3h
Ambient temperature	+5 - +40°C
Communication technology	CT-LOOP
Supply cable cross-section area	0.5 - 2.5 mm ²
Suitable for through wiring	YES

¹⁾ Non-exchangeable, but serviveable light source; exchangeable battery

LUMINAIRE MESSAGES

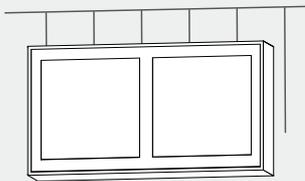
The signs of arrow, cross and evacuation sign state are totally independently configurable for a given visual message. An arrow sign may be rotated every 45 degrees.



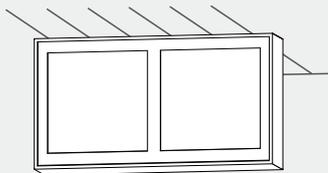
MOUNTING TYPES

W1 - back to the wall

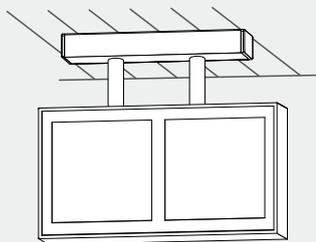
W34 - back to the wall (cables introduced from the top)



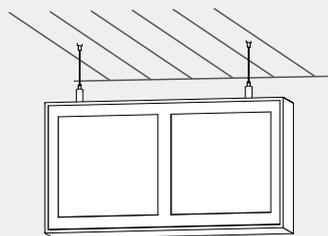
C27 - directly to the ceiling



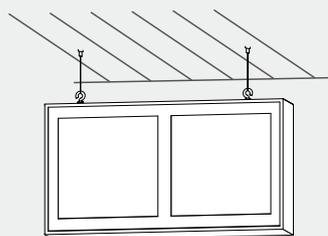
C29 - on a rigid suspension



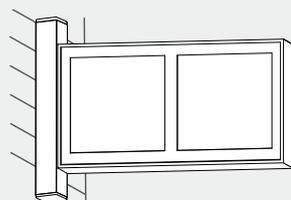
C37 - on a flexible suspension - cable lock



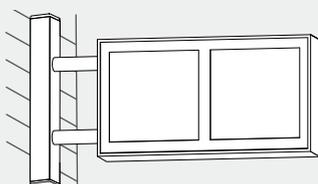
C41 - on a flexible suspension - hooks



W16 - side to the wall (semaphore)



W33 - side to the wall (arm)



MODULE TYPES

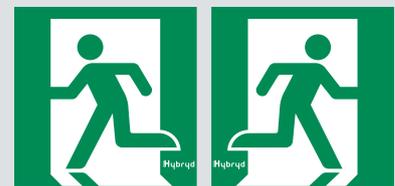
SL



SR



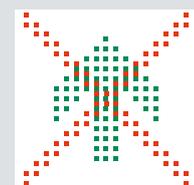
SL/SR



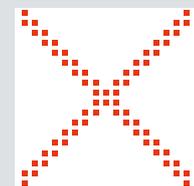
SR/SL



CA



CR



AR



ORDERING

	SPARK DYN LED	0000	-	EN	-	2M	-	SS	-	SR	-	CA	-	NN	-	1h	-	W33	-	L050	-	9003	-	FT
Variant:																								
0000	– base version with built-in battery																							
0020	– version without built-in battery																							
0030	– DEMO version																							
Number of modules:																								
2M	– two modules																							
3M	– three modules																							
Luminaire type:																								
SS	– single-sided																							
DS	– double-sided																							
First module type:																								
SR	– sign to the right																							
SR/SL	– sign to the right/left (DS)																							
CA	– arrow/cross module																							
CR	– cross module																							
AR	– arrow module																							
Second module type:																								
SL	– sign to the left																							
SR	– sign to the right																							
SI/LR	– sign to the left/right (DS)																							
SR/SL	– sign to the right/left (DS)																							
CA	– arrow/cross module																							
CR	– cross module																							
AR	– arrow module																							
Third module type:																								
NN	– not applicable (for 2M)																							
CA	– arrow/cross module																							
CR	– cross module																							
AR	– arrow module																							
Emergency operation time:																								
1h	– emergency operation time of 60 minutes																							
3h	– emergency operation time of 180 minutes																							
NN	– not applicable (for 0020 version)																							
Mounting types:																								
W1	– back to the wall																							
W16	– side to the wall																							
W33	– side to the wall with arm																							
W34	– back to the wall (cables inserted from above)																							
C27	– directly to the ceiling																							
C29	– on a rigid suspension																							
C37	– on a flexible suspension																							
C41	– on a flexible suspension – hooks																							
Distance between the outer edge of the housing and the mounting surface:																								
L050	– 50cm*																							
...																								
X	– not applicable (W1, W16, W34, C27, C37)																							
Housing colour:																								
9003	–  RAL 9003																							
...	– other on special order																							

¹ For C29 - total distance from the ceiling to the bottom of the luminaire. Choose a value between 30 and 200 cm.
 For W33 - total distance of the outer side of the luminaire from the wall. Choose a value between 50 and 80 cm for 2M, 67 and 97 for 3M.