

PRIMOS SGN LED

PRIMOS 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.

It is available as single sided for wall mounting or as single sided with additional accessory (double sided flag) for ceiling mounting.



IP65

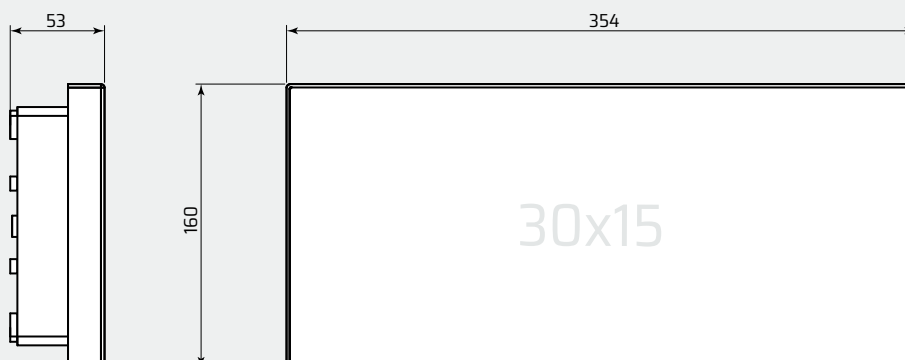
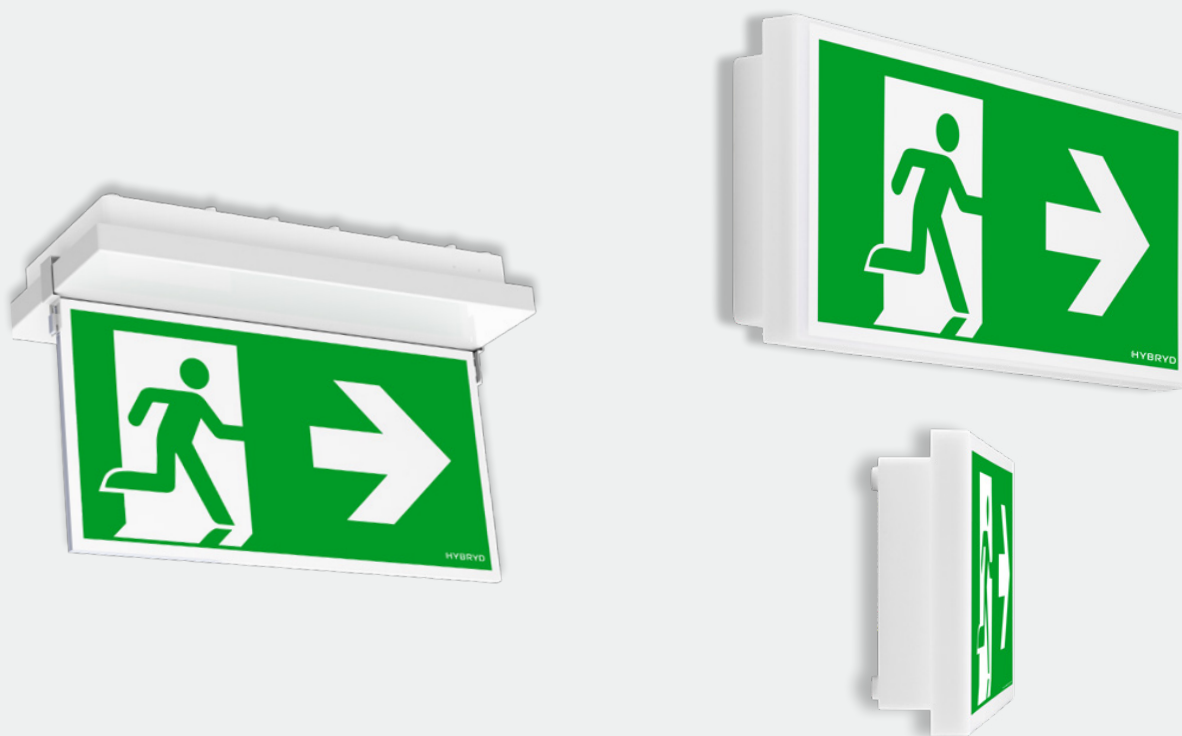


Safety sign visibility:

30x15cm



30m



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
- A lot of mounting types
- Housing is made of PC/ABS plastic
- Additional mounting kits

AVAILABLE SYSTEMS

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	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	AT, CT	II
	CB, CBAM	I
	LVAM	III
Ingress protection		IP65
Light source		LED strips ¹⁾
Light colour temperature		5000K
Light source supply power		1W
Sign visibility		30m
Light source lifespan		> 50 000h

Battery type / voltage	Ni-CD; Ni-MH / 4,8V	
Battery capacity	1.0Ah; 1.6Ah	
Battery recharging time	< 24h	
Emergency operation time	AT, CT	1h, 3h
	AT, CT	+5 - +45°C; TE: ²⁾ -20 - +45°C
Ambient temperature	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

MATERIAL

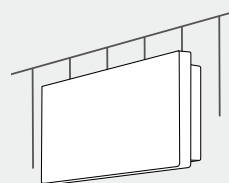
Housing material - PC/ABS mix

Housing colour - ○ RAL 9016, other colours on special order

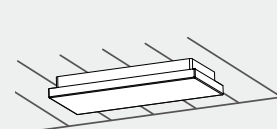
Lamp shade material - PC opal

MOUNTING TYPES

Back to the wall

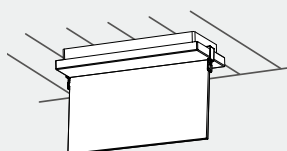


Directly to the ceiling

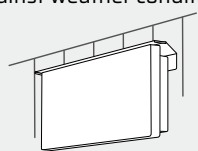


ADDITIONAL ACCESORIES

Double-sided flag for PRIMOS ceiling mounted



PRIMOS **W225** - increasing protection against weather conditions

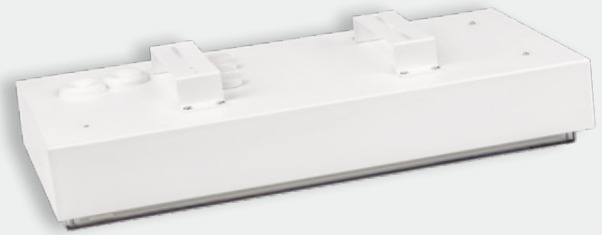


MOUNTING ACCESSORY FOR PRIMOS FAMILY OF LUMINAIRES

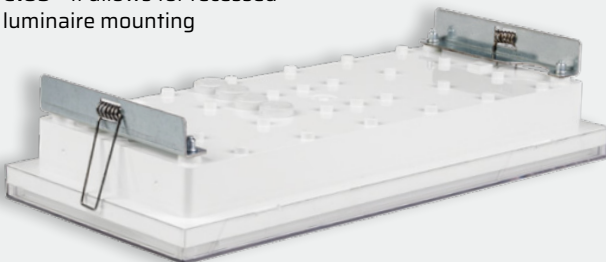
C101 - luminaires are suspended from the ceiling using cords or chains (ordered separately)



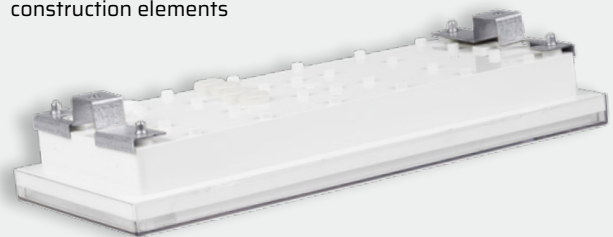
C114 - allows for external suspended mounting of luminaires using cords or chains (ordered separately)



C105 - it allows for recessed luminaire mounting



C106 - the C106 kit allows for mounting the luminaire to metal cable trays or other similar construction elements



W122 - allows for mounting of luminaire to wall or ceiling by the longer side with angle adjustment



W121 - allows for mounting of luminaire to wall or ceiling by the shorter side with angle adjustment



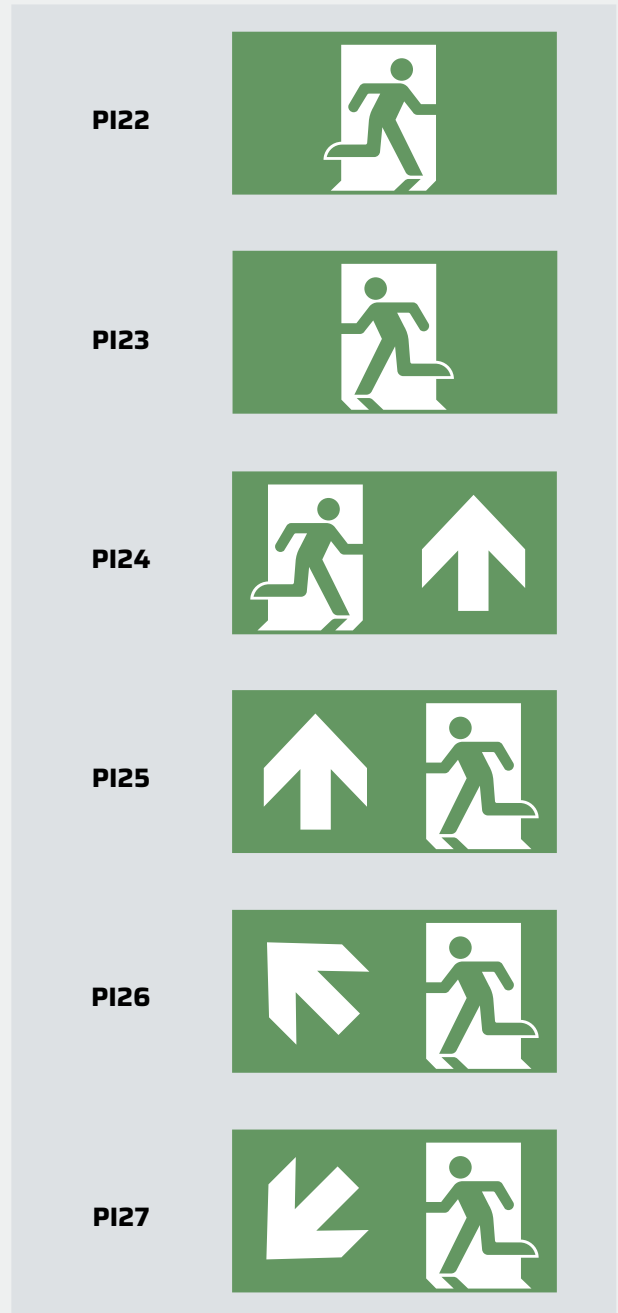
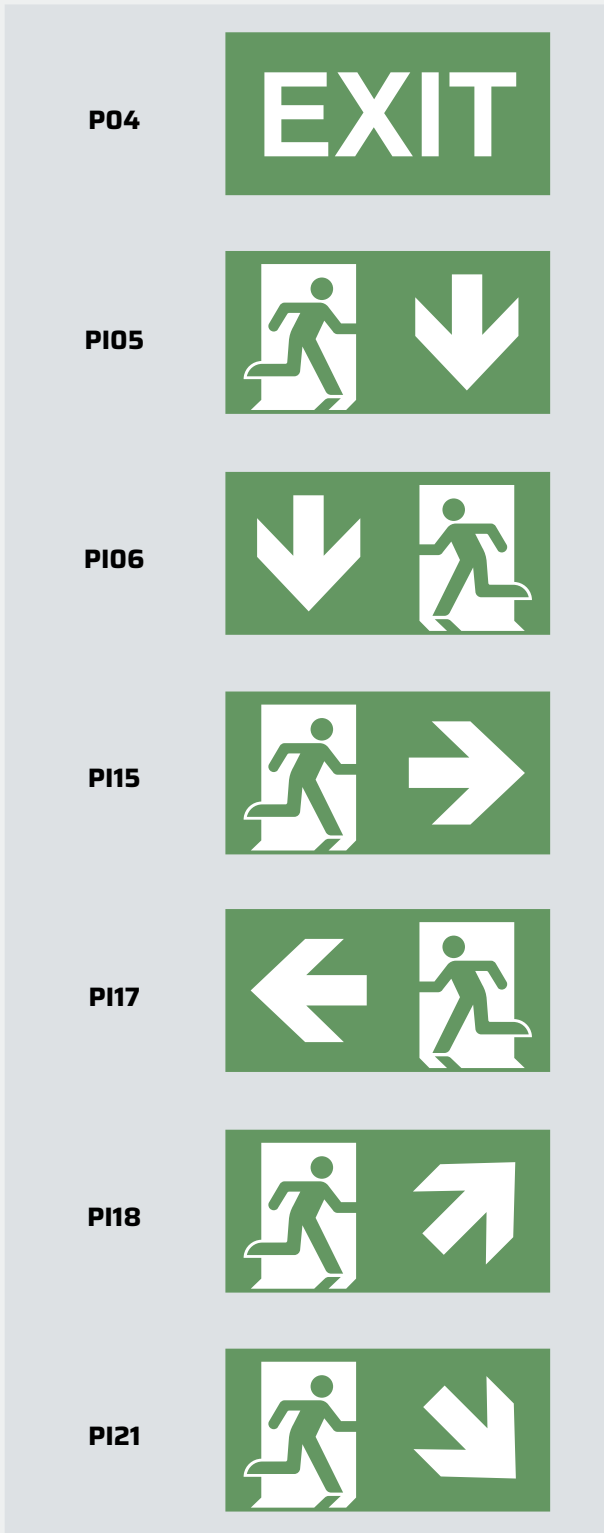
W222 - luminaires are mounted with its longer side to the ceiling or to the wall with the possibility of setting the angle



W221 - luminaires are mounted with its shorter side to the ceiling or to the wall with the possibility of setting the angle



SAFETY SIGNS



SET OF SAFETY SIGNS



The set consists of 4 safety signs, 10x10cm or 15x15cm stickers. It allows to compose your own sign **PIXX** from „Safety signs” table by selection stickers and arrow rotation.

ORDERING

PRIMOS SGN LED 0000 - EN - SS - 1W - AT - 3h - M - TS - 9016 - PI21

System variant:

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 480 minutes

X - not applicable (CB, CBAM, LVAM)

Operation mode:

M - maintained

N - night

X - not applicable (CB, CBAM, LVAM)

Ambient temperature range:

TS - standard ambient temperature range

TE - extended ambient temperature range

Housing colour:

9016 -  RAL 9016

... - other on special order

Safety sign:

... - see table „**SAFETY SIGNS**”

S - set of safety signs

NOP - plate without safety sign

X - without PC plate