

UTILIGHT SGN

UTILIGHT SGN 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. Apart from the mounting method, the form of the luminaire is always the same. It is possible to order luminaire without a lamp shade with evacuation sign. It can be mounted after the luminaire's installation. UTILIGHT is compatible with all emergency lighting systems offered by HYBRYD.



CE IP40 IP54

Safety sign visibility:

20x10cm 20m

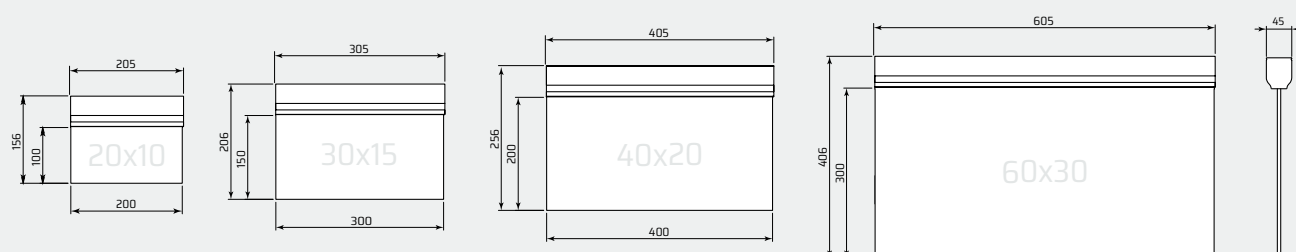
30x15cm 30m

40x20cm 40m

60x30cm 60m



5638/2025



LUMINAIRE FEATURES

- Luminaire shows the directions of escape
- LED indicators signalling the luminaire state
- Deep discharge battery protection
- Maintained/non-maintained, switched maintained operation or cinema mode
- Possibility of connecting to the monitoring system or collective power supply system
- A lot of mounting types
- Housing is made of aluminum, lamp shade of PMMA
- Installation inside the building
- Four size variants

AVAILABLE SYSTEMS

STANDARD - (ST) tests commissioned manually

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

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

CB - luminaire supplied from HVCBS (230V AC / 216V DC / 108V DC), without address module

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

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

TECHNICAL DATA

Supply voltage	ST/AT/CT	230VAC 50/60Hz
	CB/CBAM	230VAC 50/60Hz 170 - 275V DC
	LV/LVAM	15 - 32V DC
Current Consumption	CB	9mA @216V DC
	CBAM	10mA @216V DC
	LV LVAM	63mA @24V DC 75mA @24V DC
Power Consumption	ST/AT/CT	charging 4W@230VAC, stand by 2W@230VAC
	CB	2W@230VAC
	CBAM	M ¹⁾ : 2.2W@230VAC NM ²⁾ : 0.8W@230VAC
Power Factor	ST/AT/CT	0.4
	CB/CBAM	0.42
Protection class	ST/AT/CT /CB/CBAM	I
	LV/LVAM	III
Ingress protection		IP40, IP54 ³⁾
Light source		LED strip ⁴⁾

Light colour temperature		5000 - 5700K
Color Rendering Index		70
Light source supply power	20x10, 30x15, 40x20 cm⁵⁾	1W
	60x30 cm⁵⁾	2W
Sign visibility		20, 30, 40, 60m
Light source lifespan		> 50 000h
Battery type	ST/AT/CT	Li-Ion
Battery capacity	ST/AT/CT	0.7, 2.2, 4.4Ah
Battery recharging time	ST/AT/CT	12h
Emergency operation time	ST/AT/CT	1; 3; 8h
Ambient temperature	ST/AT/CT	+5 - +35°C
	CB/CBAM	-25 - +55°C
	LV/LVAM	-25 - +60°C
Supply cable cross-section area		0.5 - 2.5mm ²
Supply cable diameter		≤ 17mm
Communication cable diameter	CT	≤ 7mm
Through wiring		YES
Suitable for surface wiring		YES (C146 only)

¹⁾ Maintained; ²⁾ Non-maintained; ³⁾ special variant 0054; ⁴⁾ Non-exchangeable, but serviceable light source; ⁵⁾ Safety sign dimensions

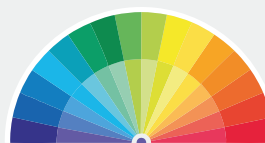
MATERIAL

Housing material - powder coated aluminum

Lamp shade material - clear PMMA

COLOURS

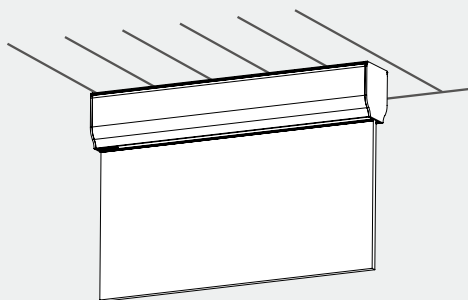
Housing colour - ○ RAL 9003, ● RAL 7042, ● RAL 7016, ● RAL 9005,



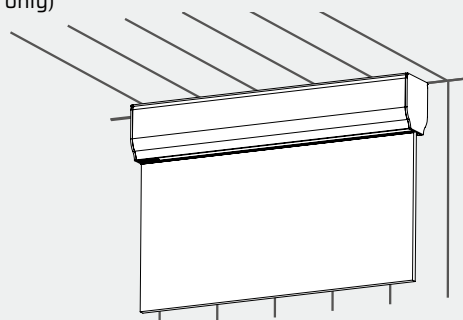
all colours from the RAL palette are available on special order

MOUNTING TYPES

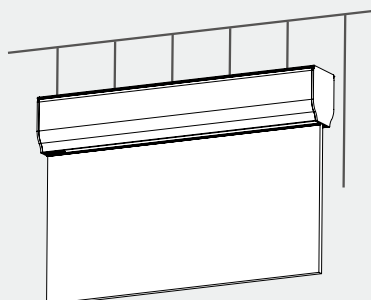
C142 - directly to the ceiling



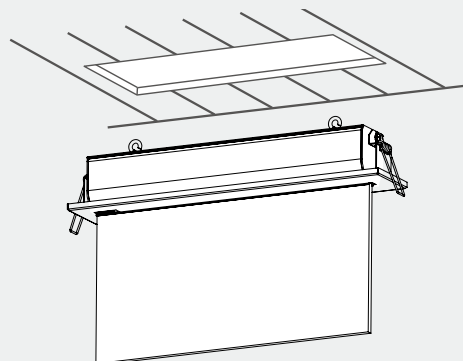
C146 - directly to the ceiling or back to the wall (for surface wiring only)



W140 - back to the wall

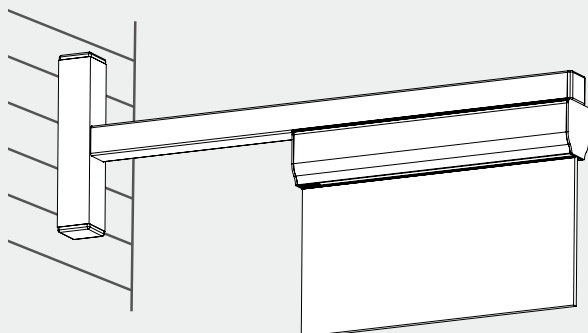


C145 - recessed (may also be ordered as **C142** + **C245** mounting kit)

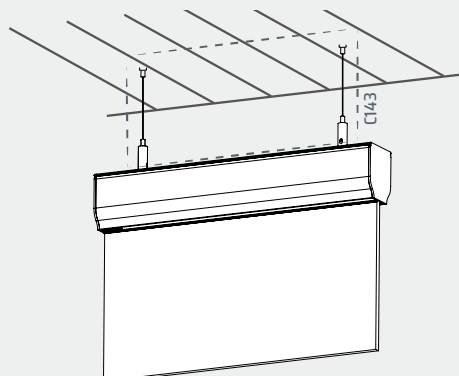


MOUNTING KITS*

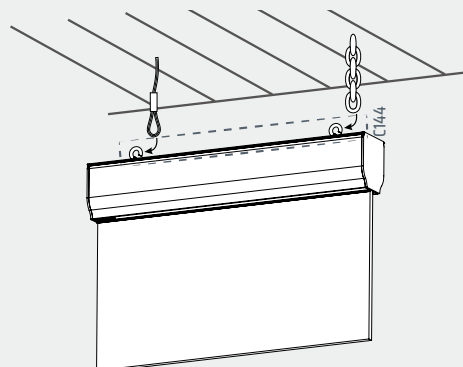
W141 - semaphore (**C142** + **W141** mounting kit)



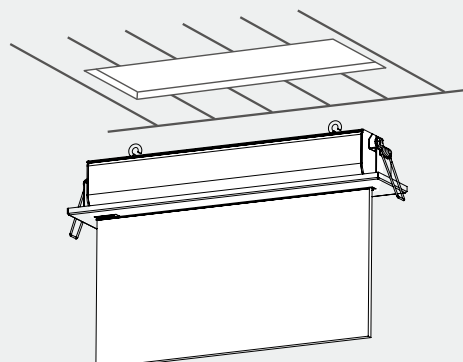
C143 - suspended with cords and easy height adjustment (**C142** + **C143** mounting kit)



C144 - suspended with cords or chains (**C142** + **C144** mounting kit, cords or chains**)

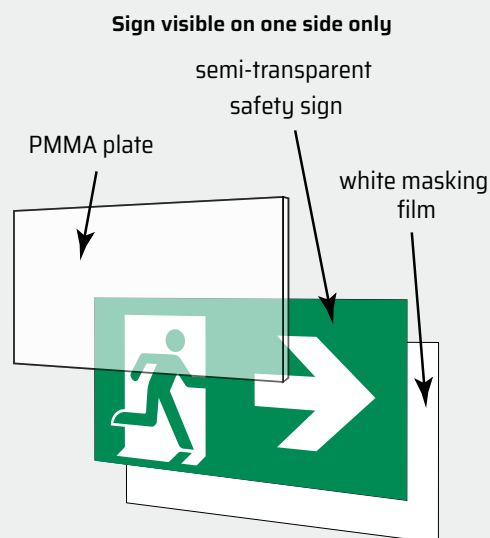
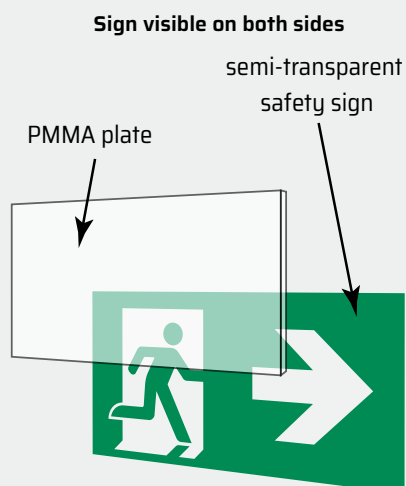


C245 - recessed supplied as self-assembly kit



* mounting kits ordered separately from luminaire ** cords or chains defined while ordering

UTILIGHT SHD CONSTRUCTION



SAFETY SIGNS

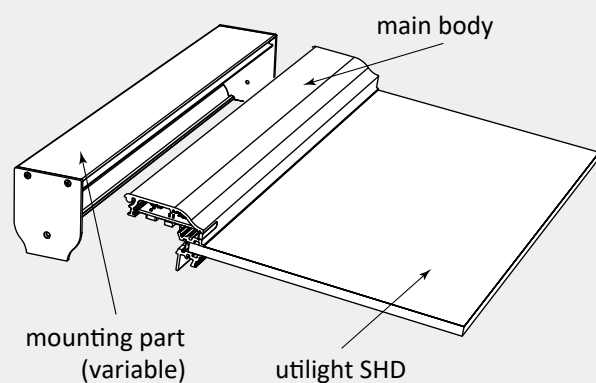
Signs visible on both sides

P03	WYJŚCIE EWAKUACYJNE	PI21	
P04	EXIT	PI22	
PI05		PI23	
PI06		PI24	
PI15		PI25	
PI17		PI26	
PI18		PI27	

Signs visible on one side only

P03/00	WYJŚCIE EWAKUACYJNE	PI21/00	
P04/00	EXIT	PI22/00	
PI05/00		PI23/00	
PI06/00		PI24/00	
PI15/00		PI25/00	
PI17/00		PI26/00	
PI18/00		PI27/00	

LUMINAIRE CONSTRUCTION



UTILIGHT SHD ORDERING

UTILIGHT SHD 0000 - 30x15 - PI21 - HYB

Safety sign dimension:

20x10 - 20x10cm

30x15 - 30x15cm

40x20 - 40x20cm

60x30 - 60x30cm

Safety signs:

... - see table „Safety signs”

X - transparent lamp shade (without sign)





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

	UTILIGHT SGN LED	0000	-	30x15	-	ST	-	M	-	3h	-	9003	-	FT	-	C142	-	PI21
Variant:																		
0000 – base																		
0001 – extended warranty																		
0054 – IP54																		
0154 – IP54 with extended warranty																		
Safety sign dimension:																		
20x10 – 20x10cm																		
30x15 – 30x15cm																		
40x20 – 40x20cm																		
60x30 – 60x30cm																		
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 – 1 hour																		
3h – 3 hours																		
8h – 8 hours ¹⁾																		
X – not applicable (CB, CBAM, LV, LVAM)																		
Operation mode:																		
M – maintained/non-maintained																		
SM – switched maintained ²⁾																		
CI – cinema ³⁾																		
X – not applicable (CB, CBAM, LV, LVAM)																		
Housing colour:																		
9003 –  RAL 9003																		
7042 –  RAL 7042																		
7016 –  RAL 7016																		
9005 –  RAL 9005																		
... – other from RAL palette on special order																		
Surface finish:																		
FT – fine texture																		
MA – mat																		
SG – semi-gloss																		
X – not applicable																		
Mounting:																		
C142 – directly to the ceiling																		
C145 – recessed ⁴⁾																		
C146 – directly to the ceiling or back to the wall																		
W140 – back to the wall																		
X – without mounting part (the part ordered at a later time)																		
Safety signs:																		
... – see table „Safety signs“																		
S – set of safety signs																		
X – without PC plate (Utilight SHD ordered separately)																		

¹⁾ 8h emergency operation time is not available for 20x10 and 60x30 luminaires; ²⁾ SM operation mode is not available for 20x10 luminaires;

³⁾ ST and CT system versions only, CI operation mode is not available for 20x10 luminaires, ⁴⁾ not applicable for 60x30