

## EMERGENCY EXIT SIGNS

### HELIOS DS & HELIOS DS LED

**MATERIALS:**

White polycarbonate body  
Opal polycarbonate cover

**MOUNTING:**

Surface (ceiling)

**POWER SUPPLY:**

Self contained – 220 - 240VAC/50 - 60Hz  
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC  
Central battery FZLV – 24VDC

**LIGHT SOURCE:**

1W, 2W LED  
8W fluorescent lamp

**CHARGING:**

BASIC: max. 24h  
STANDARD: max. 24h  
PREMIUM: max. 12h; energy-saving electronic charger

**AUTONOMY AND BATTERIES:**

BASIC: 1h or 3h, Ni-Cd 3,6V batteries  
STANDARD: 1h or 3h, Ni-Cd 3,6V batteries  
PREMIUM: 1h or 3h, LiFePO<sub>4</sub> 6,4V batteries

**INSULATION CLASS:**

II or III

**IP RATING:**

IP42 or IP65

**VIEWING DISTANCE:**

25m

**AMBIENT TEMPERATURE:**

t<sub>a</sub>: 0°C ÷ 40°C  
t<sub>a</sub>: -25°C ÷ 40°C – together with heater for low temperatures

**OPTIONS:**

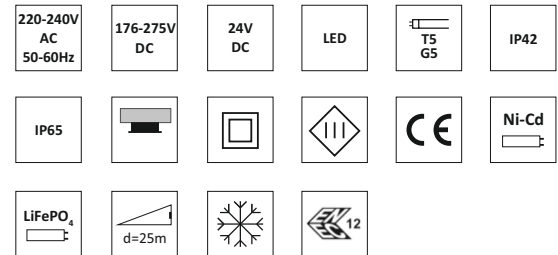
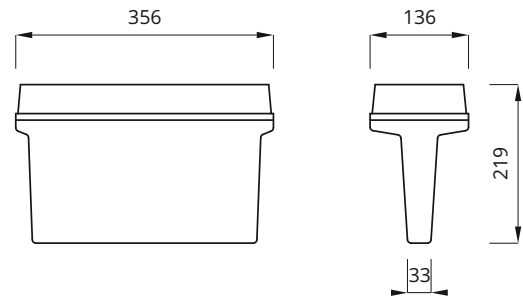
SE – non maintained  
SA – maintained (with an option of connecting as non-maintained)  
PT – manual test button  
AT – autotest  
RU – Rubic UNA central monitoring  
RW – RUBIC UNA Wireless central monitoring  
FZLV – central battery FZLV 24VDC  
CB – central battery

**ADDITIONAL INFORMATION:**

LED indicator signalizes mains power supply and battery charge  
Deep discharge protection  
Protection against mechanical impacts – IK08  
III class of insulation of FZLV version



**DIMENSIONS (mm):**



\*see pictogram



KM 618355  
BS-EN 60598-2-22

\*1pc of universal pictogram is included in each single box  
Current list of products with Kitemark and ENEC is available at [www.awex.eu](http://www.awex.eu)

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### SELF-CONTAINED CONFIGURATION:

CODE		POWER	MODULE	AUTONOMY [h]		MODE	OPTIONS	
<b>BASIC</b>								
HDL	HDEL	1W	E	1	3	SE	PT	X
<b>STANDARD</b>								
HDL	HDEL	1W	C	1	3	SA	PT	X
		2W	C	1	3	SA	PT	X
<b>PREMIUM</b>								
HDL	HDEL	1W	B	1	3	SA	AT RU RW	
		2W	B	1	3	SA	AT RU RW	

CODE		POWER	MODULE	AUTONOMY [h]		MODE	OPTIONS	
HD	HDE	8W	T	1	3	SE SA	PT	PT

### CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE		POWER	MODULE	SYSTEM	OPTIONS	
HDL	HDEL	1W	F	CB	CBS	X
		2W	F	CB	CBS	X
HD	HDE	8W	T	CB	CBS	X

### CENTRAL BATTERY CONFIGURATION - ADDRESSABLE

CODE		POWER	MODULE	SYSTEM	OPTIONS	
HDL	HDEL	1W	Z	CB	ADE	ADP
		2W	Z	CB	ADE	ADP
HD	HDEL	8W	T	CB	ADL	ADS

### FZLV SYSTEM CONFIGURATION

CODE		POWER	SYSTEM
HDL	HDEL	1W	FZLV
		2W	FZLV

### LEGEND:

HDEL – fixture Helios DS led IP42  
 HDL – fixture Helios DS led IP65  
 HDE – fixture Helios DS IP42  
 HD – fixture Helios DS IP65  
 E – electronic gear for BASIC self-contained fittings  
 C – electronic gear for STANDARD self-contained fittings  
 B – electronic gear for PREMIUM self-contained fittings  
 F – electronic gear for central battery fittings  
 Z – electronic gear for addressable central battery fittings  
 T – electronic gear for LFL fittings;  
 SE – non-maintained  
 SA – maintained (with an option of connecting as non-maintained)  
 PT – manual test button  
 X – fitting without additional options  
 AT – autotest  
 RU – RUBIC UNA central monitoring  
 RW – RUBIC UNA Wireless central monitoring  
 CB – central battery version  
 CBS – central battery for circuit monitoring  
 ADL – central battery with ADL module  
 ADS – central battery with ADS address module – SMART technology  
 ADE – central battery with ADE address module  
 ADP – central battery with ADP address module – SMART technology  
 FZLV – central battery FZLV 24 VDC