HELIOS LED

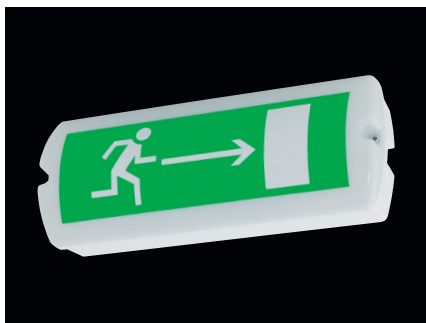## ... emergency and orientation.

USE

The light fitting is suitable for emergency and orientation illumination of hallways, offices, warehouses and production shop floors.

ADVANTAGES

- Emergency module 1 hr, 2 hrs or 3 hrs
- High-temperature NiCd battery
- LED indicator of correct operation
- Electronic protection against complete battery discharge
- Light fitting protection **IP42 or IP65**
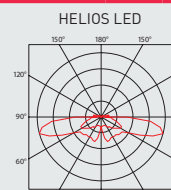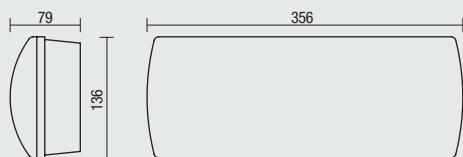- Maximum ambient temperature $t_a = 40\,°C$
- Insulation: Class 2

| IP42 | IP65 | up to t_a 40°C | LED |

2,5 mm²

CE

F | | 230 V / 50 Hz

EMERGENCY

HELIOS LED

TECHNICAL DESCRIPTION

- Recognizing distance: 25 m
- Light fitting protection: IP42 or IP65
- Maximum ambient temperature: $t_a = 40\,°C$
- Diffuser: opalized polycarbonate, UV stable
- Body: white polycarbonate
- Reflector: white polycarbonate
- Diffuser and body connected: by screws
- Electric equipment: driver, emergency module
  1 hr, 2 hrs or 3 hrs including NiCd battery

HELIOS LED

Code	Type	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]
	Diffuser made of opalized polycarbonate - emergency back-up source with operation time of 1 hour (SE) for emergency (non-maintained) illumination - IP42				
43519	HELIOS LED NM1h	70	1	70	1,4
	Diffuser made of opalized polycarbonate - driver for central battery power supply AC/DC (CB = central battery) - IP42				
43588	HELIOS LED CB	70	1	70	0,8

HELIOS LED IP42 NM

Code	Type
43519	HELIOS LED NM1h

HELIOS LED IP65 NM

Code	Type
43619	HELIOS LED IP65 NM1h

Diffuser made of opalized polycarbonate, emergency back-up source (SE) for emergency (non-maintained) illumination

NM2h	NM3h	NM1hAt	NM2hAt	NM3hAt
43529	43539	43549	43559	43569

Diffuser made of opalized polycarbonate, emergency back-up source (SE) for emergency (non-maintained) illumination

NM2h	NM3h	NM1hAt	NM2hAt	NM3hAt
43629	43639	43649	43659	43669

HELIOS LED IP42 M

Code	Type
43518	HELIOS LED M1h

HELIOS LED IP65 M

Code	Type
43618	HELIOS LED IP65 M1h

Diffuser made of opalized polycarbonate, emergency back-up source (SA) for both permanent and emergency illumination

M2h	M3h	M1hAt	M2hAt	M3hAt
43528	43538	43548	43558	43568

Diffuser made of opalized polycarbonate, emergency back-up source (SA) for both permanent and emergency illumination

M2h	M3h	M1hAt	M2hAt	M3hAt
43628	43638	43648	43658	43668

Example of type marking: 43638 = HELIOS IP65 LED **M3h**

HELIOS LED IP42 CB

Code	Type
43588	HELIOS LED CB

HELIOS LED IP65 CB

Code	Type
43688	HELIOS LED IP65 CB

LIDER module signalling with autotest (AT)

LED colour		Information
● green	● red	
shining	-	battery charging
-	flashing	defective LED module
-	shining	defective battery
-	-	running test/emergency mode

LEGEND

M1-3h   – emergency back-up source with operating time of 1 - 3 hours (SA) for both permanent and emergency illumination
M1-3hAt   - emergency back-up source with operating time of 1 - 3 hours (SA) for both permanent and emergency illumination with autotest
NM1-3h   - emergency back-up source with operating time of 1 - 3 hours (SE) for emergency (non-maintained) illumination
NM1-3hAt - emergency back-up source with operating time of 1 - 3 hours (SE) for emergency (non-maintained) illumination with autotest
CB   – for central battery power supply AC/DC (CB = central battery)
Batteries must be formatted before their putting into operation. Assembly instructions must be observed at installation.

LIGHT FITTING ATTACHMENT

Directly to a ceiling or a wall with the use of screws

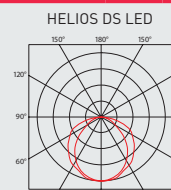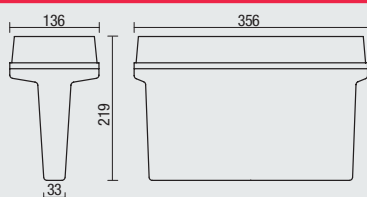## LIGHT FITTING DETAILED VIEW
HELIOS LED

HELIOS DS LED

TECHNICAL DESCRIPTION

- Recognizing distance: 25 m
- Light fitting protection: IP42 or IP65
- Maximum ambient temperature: t_a = 40 °C
- Diffuser: opalized polycarbonate, UV stable
- Body: white polycarbonate
- Reflector: white polycarbonate
- Diffuser and body connected: by screws
- Electric equipment: driver, emergency module
  1 hr, 2 hrs or 3 hrs including NiCd battery

HELIOS DS LED

Code	Type	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]
	Diffuser made of opalized polycarbonate - emergency back-up source with operation time of 1 hour (SE) for emergency (non-maintained) illumination - IP42				
43719	HELIOS DS LED NM1h	70	1	70	1,6
	Diffuser made of opalized polycarbonate - driver for central battery power supply AC/DC (CB = central battery) - IP42				
43778	HELIOS DS LED CB	70	1	70	1,0

HELIOS DS LED IP42 NM

Code	Type
43719	HELIOS DS LED NM1h

Diffuser made of opalized polycarbonate,
emergency back-up source (SE) for emergency (non-maintained) illumination

NM2h	NM3h	NM1hAt	NM2hAt	NM3hAt
43729	43739	43749	43759	43769

HELIOS DS LED IP65 NM

43819	HELIOS DS LED IP65 NM1h

Diffuser made of opalized polycarbonate,
emergency back-up source (SE) for emergency (non-maintained) illumination

43829	43839	43849	43859	43869

HELIOS DS LED IP42 M

Code	Type
43718	HELIOS DS LED M1h

Diffuser made of opalized polycarbonate,
emergency back-up source (SA) for both permanent and emergency illumination

M2h	M3h	M1hAt	M2hAt	M3hAt
43728	43738	43748	43758	43768

HELIOS DS LED IP65 M

43818	HELIOS DS LED IP65 M1h

Diffuser made of opalized polycarbonate,
emergency back-up source (SA) for both permanent and emergency illumination

43828	43838	43848	43858	43868

Example of type marking: 43838 = HELIOS DS LED IP65 **M3h**

HELIOS DS LED IP42 CB

Code	Type
43778	HELIOS DS LED CB

HELIOS DS LED IP65 CB

Code	Type
43878	HELIOS DS LED IP65 CB

LIDER module signalling with autotest (AT)

LED colour		Information
🟢 green	🔴 red	
shining	-	battery charging
-	flashing	defective LED module
-	shining	defective battery
-	-	running test/emergency mode

LEGEND

M1-3h – emergency back-up source with operating time of 1 - 3 hours (SA) for both permanent and emergency illumination
M1-3hAt - emergency back-up source with operating time of 1 - 3 hours (SA) for both permanent and emergency illumination with autotest
NM1-3h – emergency back-up source with operating time of 1 - 3 hours (SE) for emergency (non-maintained) illumination
NM1-3hAt – emergency back-up source with operating time of 1 - 3 hours (SE) for emergency (non-maintained) illumination with autotest
CB – for central battery power supply AC/DC (CB = central battery)
Batteries must be formatted before their putting into operation. Assembly instructions must be observed at installation.

LIGHT FITTING ATTACHMENT

Directly to a ceiling or a wall with the use of screws
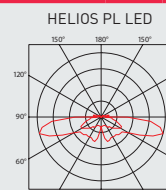

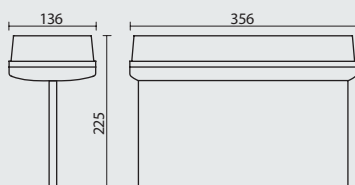## LIGHT FITTING DETAILED VIEW
HELIOS DS LED

HELIOS PL LED

TECHNICAL DESCRIPTION

- Recognizing distance: 30 m
- Light fitting protection: IP42
- Maximum ambient temperature: $t_a = 40\,°C$
- Diffuser: transparent polycarbonate with plexi glass (PL), UV stable
- Body: white polycarbonate
- Reflector: white polycarbonate
- Diffuser and body connected: by screws
- Electric equipment: driver, emergency module 1 hr, 2 hrs or 3 hrs including NiCd battery

HELIOS PL LED

Code	Type	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]
	Diffuser made of transparent polycarbonate with plexi glass - emergency back-up source with operation time of 1 hour (SE) for emergency illumination - IP42				
43919	HELIOS PL LED NM1h	70	1	70	1,8
	Diffuser made of transparent polycarbonate with plexi glass - driver for central battery power supply AC/DC (CB = central battery) - IP42				
43978	HELIOS PL LED CB	70	1	70	1,3

HELIOS PL LED NM

Code	Type
43919	HELIOS PL LED NM1h

Diffuser made of transparent polycarbonate with plexi glass, emergency back-up source (SE) for emergency (non-maintained) illumination

NM2h	NM3h	NM1hAt	NM2hAt	NM3hAt
43929	43939	43949	43959	43969

HELIOS PL LED M

Code	Type
43918	HELIOS PL LED M1h

Diffuser made of transparent polycarbonate with plexi glass, emergency back-up source (SA) for both permanent and emergency illumination

M2h	M3h	M1hAt	M2hAt	M3hAt
43928	43938	43948	43958	43968

Example of type marking: 43938 = HELIOS PL LED **M3h**

HELIOS PL LED CB

Code	Type
43978	HELIOS PL LED CB

LIDER module signalling with autotest (AT)

LED colour		Information
🟢 green	🔴 red	
shining	-	battery charging
-	flashing	defective LED module
-	shining	defective battery
-	-	running test/emergency mode

LEGEND

M1-3h – emergency back-up source with operating time of 1 - 3 hours (SA) for both permanent and emergency illumination
M1-3hAt – emergency back-up source with operating time of 1 - 3 hours (SA) for both permanent and emergency illumination with autotest
NM1-3h – emergency back-up source with operating time of 1 - 3 hours (SE) for emergency (non-maintained) illumination
NM1-3hAt – emergency back-up source with operating time of 1 - 3 hours (SE) for emergency (non-maintained) illumination with autotest
CB – for central battery power supply AC/DC (CB = central battery)
Batteries must be formatted before their putting into operation. Assembly instructions must be observed at installation.

LIGHT FITTING ATTACHMENT

Directly to a ceiling with the use of screws

LIGHT FITTING DETAILED VIEW

HELIOS PL LED