

HELIOS DS LED

AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP42

IP65

IK08



d=25m



Ni-Cd



LiFePO₄



KM 618355
BS-EN 60598-2-22



MATERIALS

White polycarbonate body • Opal polycarbonate cover

MOUNTING

Surface • Optionally wall or ceiling bracket ⁽¹⁾

POWER SUPPLY

Self contained – 220 - 240VAC/50 - 60Hz
Central battery – 220 - 240VAC/50 - 60Hz; 176 - 275VDC
Central battery FZLV II – 48VDC
Central battery FZLV – 24VDC

LIGHT SOURCE

1W, 2W LED
Colour temperature: 6000K
Lifetime: 50000h

CHARGING

Standard: max. 24h
Premium: max. 12h; energy-saving electronic charger

AUTONOMY AND BATTERIES

Standard: 1h or 3h, Ni-Cd 3,6V batteries
Premium: 1h or 3h, LiFePO₄ 6,4V batteries

INSULATION CLASS

II or III

IP & IK RATING

IP42 or IP65, IK08

VIEWING DISTANCE

25 m

VIEWING METHOD

Double-sided

AMBIENT TEMPERATURE

Self-contained: t_a: 0°C ÷ 40°C • t_a: -25°C ÷ 40°C – together with heater for low temperatures
Central battery: t_a: -25°C ÷ 50°C

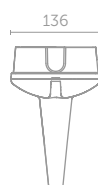
OPTIONS

SE – non maintained • SA – maintained • AT – autotest • PT – manual test button
• RU – Rubic UNA central monitoring • RW – Rubic UNA Wireless central monitoring
• RD – DALI central monitoring • FZLV – central battery FZLV 24VDC • FZLV2 – central battery FZLV II 48VDC • CB – central battery

ADDITIONAL INFORMATION

LED indicator signalizes mains power supply and battery charge • Deep discharge protection • Optional adaptation of the fixture for low temperatures up to -25°C with HTR 25 • III class of insulation of FZLV and FZLV2 version • III class of insulation of FZLV and FZLV2 version • ⁽¹⁾ see accessory bracket • ⁽²⁾ 1pc of universal pictogram is included in each single box

DIMENSIONS [mm]



⁽²⁾ pictogram

SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COVER	
				1	3	SE	SA	PT	AT	X		
STANDARD	HDL HDEL	1W	E C	1	3	SE	SA	PT	AT	X	OP	
		2W	E C	1	3	SE	SA	PT	AT	X	OP	
PREMIUM	HDL HDEL	1W	B	1	3	SE	SA	AT	RU	RW	RD	OP
		2W	B	1	3	SE	SA	AT	RU	RW	RD	OP

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COVER
HDL HDEL	1W	F	CB	CBS	X	OP
	2W	F	CB	CBS	X	OP

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS		COVER
HDL HDEL	1W	Z	CB	ADE	ADP	OP
	2W	Z	CB	ADE	ADP	OP

FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM	COVER	
HDL HDEL	1W	FZLV	FZLV2	OP
	2W	FZLV	FZLV2	OP

LEGEND:

- HDEL fixture HELIOS DS LED IP42
- HDL fixture HELIOS DS LED IP65
- E, 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
- SE non maintained
- SA maintained
- PT manual test button
- X fitting without additional options
- AT autotest
- RU Rubic UNA central monitoring
- RW Rubic UNA Wireless central monitoring
- RD DALI central monitoring
- FZLV central battery FZLV 24 VDC
- FZLV2 central battery FZLV II 48 VDC
- CB central battery version
- CBS central battery for circuit monitoring
- ADP address module for CBS 1.0 – SMART technology
- ADE address module for CBS 2.0 – SMART technology
- OP opal polycarbonate cover

