

HELIOS LED



AC
220-240V
50-60Hz

DC
176-275V

DC
24V

DC
48V

LED

IP42

IP65

IK08



KM 618355
BS-EN 60598-2-22



MATERIALS

White polycarbonate body • Transparent polycarbonate cover

MOUNTING

Surface

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, 3W, 4W, 3x1W, 6x1W 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

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

DIMENSIONS [mm]



SELF-CONTAINED CONFIGURATION

	CODE	POWER	MODULE	AUTONOMY [h]		MODE		OPTIONS			COVER	
STANDARD	HWM HWEM	1W	E C	1	3	SE	SA	PT	AT	X	TR	
		2W	E C	1	3	SE	SA	PT	AT	X	TR	
	HWD HWED	3W	E C	1	3	SE	SA	PT	AT	X	TR	
		3x1W	E C	1	3	SE	SA	PT	AT	X	TR	
PREMIUM	HWM HWEM	HHP	6x1W*	B	1	3	SE	SA	PT	AT	X	TR
		1W	B	1	3	SE	SA	AT	RU	RW	RD	TR
		2W	B	1	3	SE	SA	AT	RU	RW	RD	TR
	HWD HWED	3W	B	1	3	SE	SA	AT	RU	RW	RD	TR
		3x1W	B	1	3	SE	SA	AT	RU	RW	RD	TR
	HHP	4W	B	1	3	SE	SA	AT	RU	RW	RD	TR
6x1W*		B	1	3	SE	SA	AT	RU	RW	RD	TR	

* power in emergency mode

OUTPUT IN EMERGENCY MODE [lm] **LEGEND:**

	POWER	OUTPUT [lm]
STANDARD	1W	165
	2W	255
	3W	395
	3x1W	395
PREMIUM	6x1W	920
	1W	175
	2W	310
	3W	410
	3x1W	410
	4W	560
6x1W	920	

- HWM fixture Helios IP65, regular application
- HWEM fixture Helios IP42, regular application
- HWD fixture Helios IP65, narrow beam optics
- HWED fixture Helios IP42, narrow beam optics
- HHP fixture Helios IP65 6x1W, double height areas
- 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
- TR transparent polycarbonate cover

CENTRAL BATTERY CONFIGURATION - NON-ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS	COVER
HWM HWEM	1W	F	CB	CBS X	TR
	2W	F	CB	CBS X	TR
	3W	F	CB	CBS X	TR
HWD HWED	3x1W	F	CB	CBS X	TR
HHP	4W	F	CB	CBS X	TR
	6x1W	F	CB	CBS X	TR

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]
1W	175
2W	310
3W	410
3x1W	410
4W	560
6x1W	920

CENTRAL BATTERY CONFIGURATION – ADDRESSABLE

CODE	POWER	MODULE	SYSTEM	OPTIONS	COVER
HWM HWEM	1W	Z	CB	ADE ADP	TR
	2W	Z	CB	ADE ADP	TR
	3W	Z	CB	ADE ADP	TR
HWD HWED	3x1W	Z	CB	ADE ADP	TR
HHP	4W	Z	CB	ADE ADP	TR
	6x1W	Z	CB	ADE ADP	TR

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]
1W	175
2W	310
3W	410
3x1W	410
4W	560
6x1W	920

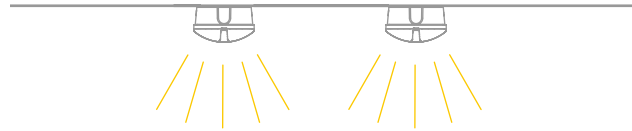
FZLV SYSTEM CONFIGURATION

CODE	POWER	SYSTEM	COVER
HWM HWEM	1W	FZLV FZLV2	TR
	2W	FZLV FZLV2	TR
	3W	FZLV FZLV2	TR
HWD HWED	3x1W	FZLV FZLV2	TR
HHP	4W	FZLV2	TR
	6x1W	FZLV FZLV2	TR

OUTPUT IN EMERGENCY MODE [lm]

POWER	OUTPUT [lm]
1W	175
2W	310
3W	410
3x1W	410
4W	560
6x1W	920

HELIOS LED EXAMPLE OF PHOTOMETRY



Optic for open area

simulation for four luminaires and min 0,5 lx (area)

