

Large lamp set VLS-10 LED

The large lamp set is a signalling device for guiding traffic in crosswise as well as lengthwise closures of up to 100m on roads.

If more than 10 lamps need to be synchronised, by connecting two control units we get a set of 20 lamps. For connecting the control units, a connector needs to be added to both control units as well as a connecting cable.



CONTROL UNIT VLR10-230V/12V LED

- > up to 10 independent LED lamps SSL-xx can be connected to the control unit
- > the control unit includes **ten functional modes**
 1. one light moves from 1 to 10
 2. two lights move simultaneously from 1 to 10
 3. lights from 1 to 10 are switched on one after another and then switched off in the same sequence
 4. lights from 1 to 10 are switched on one after another and then switched off all at the same time
 5. lights from 1 to 10 are switched on one after another, switched off all at the same time and then they flash all at once
 6. lights from 1 and 6 move to 5 and 10
 7. lights from 1 and 6 to 5 and 10 are switched on one after another and then switched off in the same sequence
 8. lights from 1 and 6 to 5 and 10 are switched on one after another and then switched off all at the same time
 9. lights from 1 and 6 to 5 and 10 are switched on one after another, switched off all at the same time and then they flash all at once
 10. Odd lights are flashing against even ones
- > includes the 24-hour as well as only-at-night option
- > at night, electronics automatically reduce luminous intensity; to provide better orientation the lamps also have a backlight
- > moreover, the electronics include reverse polarity protection and protect the battery from deep discharge
- > in case of the 230V power failure, the **control unit automatically switches to the 12 V battery**
- > in case of a 230V supply while the battery is connected, the **capacity of the (connected) battery is maintained via a recharging circuit** on the controlling electronics (no self-discharge of the battery)



THE SET OF 10 LED LAMPS IN MODE
1 SUPPLIED FROM BATTERY
12V/180AH KEEPS FLASHING
NONSTOP FOR UP TO 26 DAYS, IN
MODE 3 FOR UP TO 9 DAYS

Control unit VLR10-12V LED has identical functions but it can only be supplied from a 12V battery.

PROTECTION OF THE LAMP CONTROL UNIT AND THE BATTERY

- > the lamp control unit together with the battery of up to 12V/230Ah is placed in a standard lockable metal-sheet box or a **robust safety battery box**
- > the battery box protects the battery and the lamp control unit against weather conditions and theft

LAMP FOR SET SSL-XX LED

- > **LED lamp** ø200mm **EN 12352 L8H**
- > the lamps is connected by a 12, 21, 31, 42, 53m cable with connector
- > the lamps can be attached to a profile of ø43mm or 40x40mm

Technical data for consumption in the chart refer to a set of 10 lamps and selected modes.

TECHNICAL DATA

Power supply	12V= / 230V/50Hz
Current consumption 12V=	1. day 0,37A night 0,19A
Average consumption 12V=	1. 6,8Ah / 24 hours
Current consumption 12V=	2. day 0,74A night 0,38A
Average consumption 12V=	2. 13,6Ah / 24 hours
Current consumption 12V=	3. day 1,31A night 0,34A
Average consumption 12V=	3. 19,8Ah / 24 hours
Current consumption 12V=	4. day 1,23A night 0,33A
Average consumption 12V=	4. 18,7Ah / 24 hours
Current consumption 12V=	5. day 0,80A night 0,26A
Average consumption 12V=	5. 12,7Ah / 24 hours
Current consumption 12V=	10. day 1,16A night 0,32A
Average consumption 12V=	10. 17,7Ah / 24 hours
Protection degree	IP55

PRODUCTS

Order no.	Product name	Quantity
1-090-000121	Lamp for set SSL-10 LED	1 pc.
1-090-000122	Lamp for set SSL-20 LED	1 pc.
1-090-000123	Lamp for set SSL-30 LED	1 pc.
1-090-000124	Lamp for set SSL-40 LED	1 pc.
1-090-000125	Lamp for set SSL-50 LED	1 pc.
1-090-000210	Battery box with controller VLR10-230V/12V LED	1 pc.
1-090-000220	Robust battery box with controller VLR10-230V/12V LED	1 pc.
1-090-000250	Battery box with controller VLR10-12V LED	1 pc.
1-090-000260	Robust battery box with controller VLR10-12V LED	1 pc.
1-099-000050	Additional VR connector for connecting controllers	1 pc.
1-099-000100	Patch cord PK-R-100	1 pc.

ACCESSORIES

Order no.	Product name	Quantity
2-890-010020	Battery 12V/180Ah	1 pc.
2-045-015010	Delineator panel HIT-2.L arrow 60/60	1 pc.
2-045-015020	Delineator panel HIT-2.LP arrow 60/60	1 pc.
2-045-015040	Delineator panel HIT-2.PP arrow 60/60	1 pc.
2-045-090010	Adapter Z4/lamp 60/40	1 pc.
2-050-000000	Base plate HIT	1 pc.