

EMERGENCY LIGHTING UNITS - LED EMLUS-SLED / H

BATTERY AND MAINS DATA

PRODUCT CODE	BATTERY CAPACITY	RATED POWER (W)*	MAINS CURRENT (A)*	POWER FACTOR (PF)*	DIMENSIONS (mm)	WEIGHT (kg)	QTY in CARTON BOX
EMLUS-SLED/H040/1H	3,6V / 900mAh	1,95	0,020	0,42	32 x 221 x 22	0,100	50
EMLUS-SLED/H060/1H	3,6V / 1200mAh	2,00	0,021	0,42	32 x 221 x 22	0,100	50
EMLUS-SLED/H090/1H	3,6V / 1600mAh	2,15	0,021	0,44	32 x 221 x 22	0,100	50
EMLUS-SLED/H150/1H	3,6V / 1800mAh	2,18	0,021	0,44	32 x 221 x 22	0,100	50
EMLUS-SLED/H040/3H	3,6V / 2500mAh	2,55	0,023	0,48	32 x 221 x 22	0,100	50
EMLUS-SLED/H060/3H	3,6V / 3000mAh	2,75	0,023	0,51	32 x 221 x 22	0,100	50
EMLUS-SLED/H150/3H	3,6V / 4000mAh	3,00	0,025	0,52	32 x 221 x 22	0,100	50

* Measured under 230 V mains.

EMERGENCY LUMEN FACTOR

LED OPERATING VOLTAGE	LED OPERATING CURRENT 350mA	LED OPERATING CURRENT 500mA	LED OPERATING CURRENT 700mA	LED OPERATING CURRENT 1050mA	LED OPERATING CURRENT 1400mA
3 ... 40 VDC	%17,00	%12,00	%8,50	%6,00	%4,00
41 ... 60 VDC	%16,00	%11,00	%8,00	%5,50	-
61 ... 90 VDC	%12,50	%9,00	%6,50	-	-
91 ... 150 VDC	%9,00	-	-	-	-

Measured with 3,6 V battery under maximum operating voltage.

BATTERY DATA

VOLTAGE	CAPACITY	CELL TYPE	CELL SIZE (mm)	QTY OF CELLS	DIMENSIONS (mm)	WEIGHT (kg)
3,6V	900 mAh	AA	15	3	15 x 153±3 x 15	0,085
3,6V	1200 mAh	SC	23	3	23 x 129±3 x 23	0,150
3,6V	1600 mAh	SC	23	3	23 x 129±3 x 23	0,150
3,6V	1800 mAh	SC	23	3	23 x 129±3 x 23	0,150
3,6V	2500 mAh	C	26	3	26 x 150±3 x 26	0,240
3,6V	3000 mAh	C	26	3	26 x 150±3 x 26	0,240
3,6V	4000 mAh	D	33	3	33 x 180±3 x 33	0,375

Battery dimensions are given without holder. When the holders are added, the length will increase by +40mm and the diameter +5mm. Please refer to "Battery Details Table" in "Emergency Lighting Solutions Overview" section of the catalogue for further battery information.

- Compatible with panel LED, COB LED and power LED
- Compatible with all dimmable and non-dimmable, constant current LED control gears
- Non-maintained operation
- Emergency lighting function by interruption of the unswitched phase
- 1 - 3 h duration
- Electromagnetic Interference (EMI) filter
- Emergency lighting function in case of low-voltage
- Constant current output
- Operation range of 3 ... 150 VDC, optional 200 VDC
- Short-circuit, open-circuit and overload protection
- High-temperature Ni-Cd battery cells
- Overcharge and deep discharge protection
- Polarity reversal protection for battery
- Charge status display with green LED
- Polycarbonate case
- Simple connectable terminal block
- Optional - Test switch
- Optional - 110 VAC compatibility
- Optional - Ni-MH battery application



In accordance with EN 61347-1, EN 61347-2-7 and EN 61347-2-13 standards.

TECHNICAL DATA

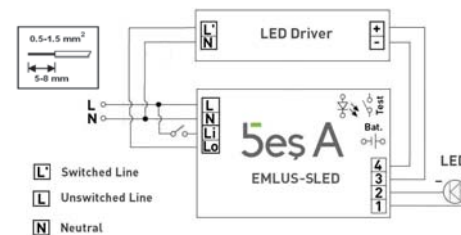
SUPPLY VOLTAGE :	230 VAC 50/60 Hz	OUTPUT CURRENT :	30 ... 63 mA
AMBIENT TEMPERATURE (ta) :	-10 °C ... +50 °C	OUTPUT VOLTAGE :	3 ... 150 VDC
MAX. CASING TEMPERATURE (tc) :	70 °C	OPEN CIRCUIT VOLTAGE :	0 VDC
RATED DURATION :	1 / 3 h	PROTECTION CLASS :	IP 20
BATTERY CHARGING TIME :	24 h	INSULATION CLASS :	II
EMERGENCY LUMEN FACTOR (BLF) :	%5,5 ... %17		

PRODUCT LIST

PRODUCT CODE	OUTPUT CURRENT*	LED MODULE OUTPUT VOLTAGE RANGE	LED CURRENT TOLERANCE	SERIES LED QUANTITY
EMLUS-SLED/H040	63 mA	3 ... 40 VDC	±%15	1 ... 13 LED
EMLUS-SLED/H060	55 mA	3 ... 60 VDC	±%15	1 ... 20 LED
EMLUS-SLED/H090	45 mA	3 ... 90 VDC	±%15	1 ... 30 LED
EMLUS-SLED/H150	30 mA	3 ... 150 VDC	±%15	1 ... 50 LED

* Measured using maximum LED quantities with 3,6 V battery.

WIRING DIAGRAM



TECHNICAL DRAWING

