

SAFE SAILING

MARKER LIGHTS

ML-100 TECHNICAL DATA SHEET

SPECIFICATIONS ML-100 HOUSING	
Material housing	• *ABS*
Waterproof	• *Down to 500 meters*
Power/battery-type	• *4.5 VDC, 3 x Alkaline D-size battery cells*
On/Off switch	• *Magnet/reed contact*
Dimensions approx.	• *Length: 335 mm / Ø: 100 mm*
Fixing option	• *Floater part.no 98885*

SPECIFICATIONS ML-EL LIGHT UNIT	
Material lens	• *LEXAN*
Light system	• *LED*
Light intensity	• *Min. 6 cd standard[1] (± 20° altitude from lens center)*
Surface range	• *~2.5 NM with standard programming*
Activation switch	• *Daylight-sensor[2]*
Flash-rate	• *24-flash/min[2]*
Software programming	• *Flash rate, intensity, sync, daylight switch[2]*
Sync options	• *ML-EL to ML-EL: Up to 90 meter, Sync Master to ML-EL: 450 meter*
Lens colour	• *Clear*
LED colour options	• *White, yellow, red or green*

[1]Maximum Peak Intensity: White: 86 cd, Yellow: 40 cd, Red: 31 cd, Green: 62 cd
[2]Programmable to any IALA flash code, and daylight setting

LED COLOUR	CANDELA MINIMUM	POWER DC-VOLTAGE	FLASH ON TIME	FLASH OFF TIME	FLASHES / MIN	PEAK CURRENT	OPERATION DAYS @ 20°C
WHITE	*6 CD*	*4,5V (15,6 Ah)*	*0,5 S*	*2,0 S*	*24*	*44 mA*	*72 Days*
YELLOW	*6 CD*	*4,5V (15,6 Ah)*	*0,5 S*	*2,0 S*	*24*	*62 mA*	*52 Days*
RED	*6 CD*	*4,5V (15,6 Ah)*	*0,5 S*	*2,0 S*	*24*	*60 mA*	*54 Days*
GREEN	*6 CD*	*4,5V (15,6 Ah)*	*0,5 S*	*2,0 S*	*24*	*37 mA*	*85 Days*

DANIAMANT ML-100 SYNC MASTER

Syncronization master for use with the ML-series.

Syncronization master current drain @ 4.5 VDC = 20 mA.

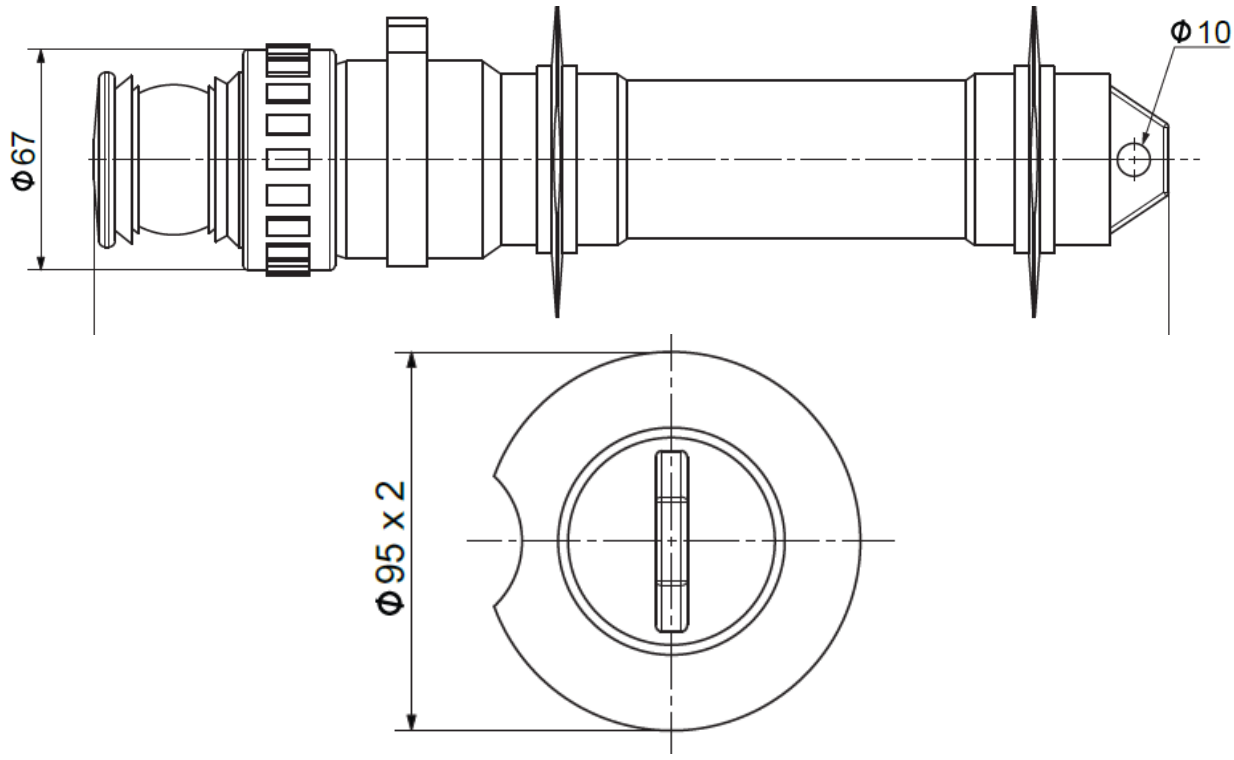
Expected operation with ML-100 battery 3 × 1.5 VDC D-sized battery cells = >120 dage

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ML-100 TECHNICAL DRAWINGS



ML-100 SYNCH MASTER TECHNICAL DRAWINGS

