



SAFE SAILING

MARKER LIGHTS

ML-300 TECHNICAL DATA SHEET

SPECIFICATIONS	
Material housing	• ABS
Material lens	• LEXAN
Light system	• LED (white, yellow or red)
Light intensity (Red LED min. 5-Cd only)	• Min. 5- or min. 15-Cd ($\pm 20^\circ$ altitude from lens center)
Surface range	• 2 or 3 NM (nautical miles)
Waterproof	• IP-68 5m/1hour
Activation switch	• On/Off by daylight-sensor only
Flash-rate	• 25 flash/min or Oc Y 2s or fixed
Software programming	• Flash rate, intensity, sync, daylight switch
Power/battery-type	• 10-27 VDC external power
Lens colour	• White
LED colour standard	• White or yellow
LED colour option	• Red
Dimensions approx.	• Length: 155 mm / \varnothing : 100 mm
Fixing option	• Rigid-mounting

DANIAMANT ML-300 SYNCH MASTER

Synchronization master for use with the ML-series.

Synchronization master current drain @ 24 VDC = 5 mA.

LED COLOUR	CANDELA MINIMUM	POWER DC-VOLTAGE	FLASH ON TIME	FLASH OFF TIME	FLASHES / MIN	CURRENT DRAIN @ 20°C [mA]	PEAK CURRENT @ 20°C [mA]	OPERATIONS HOURS
WHITE	5 CD	12V (120 Ah)	0,5 S	1,9 S	25	11	35	10600
WHITE	15 CD	12V (120 Ah)	0,5 S	1,9 S	25	23	90	5200
WHITE	5 CD	24V (120 Ah)	0,5 S	1,9 S	25	8	19	15000
YELLOW	5 CD	12V (120 Ah)	0,5 S	1,9 S	25	17	63	7000
YELLOW	15 CD	12V (120 Ah)	1,25 S	0,75 S	OC Y 2S	93	145	1300
YELLOW	15 CD	24V (120 Ah)	1,25 S	0,75 S	OC Y 2S	51	78	2300
RED	5 CD	24V (120 Ah)	Fixed	N/A	N/A	51	51	220



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ML-300 TECHNICAL DRAWINGS

