

LC-6 Ex Lampchanger

For ML-300 Ex MaxLumina® Marine Signal Lantern

TIDELAND

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LC-6 Ex is a 6-place lampchanger for use in Tideland Signal's ML-300 marine lantern for service in hazardous environments.

LC-6 Ex is certified for applications in Zone 1 hazardous locations when installed in ML-300 MaxLumina® lantern.

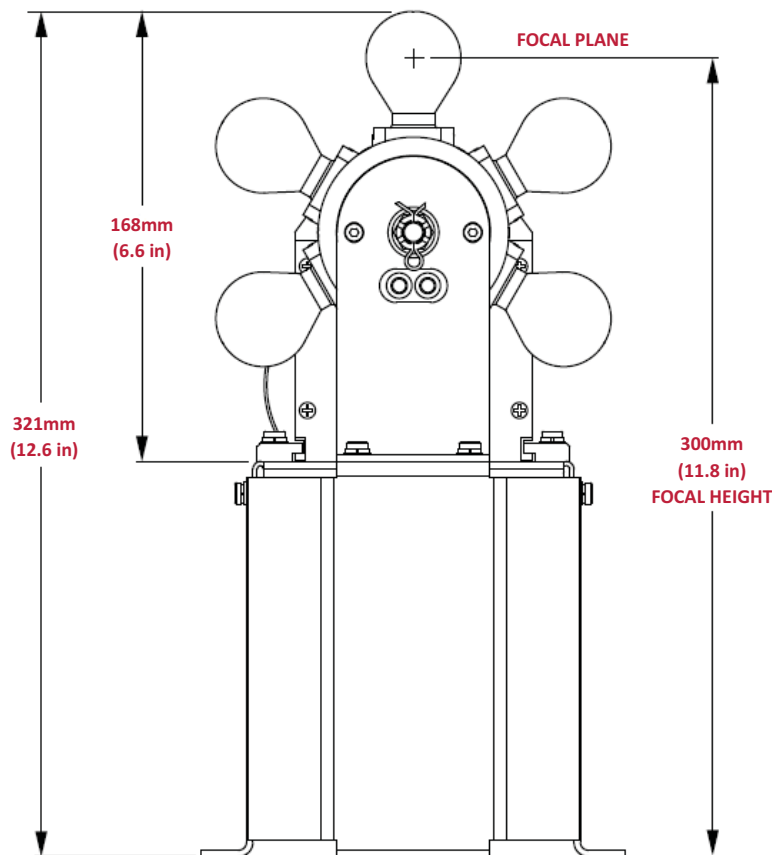
An electronic controller, mounted in a separate enclosure, controls the lampchanger. A stepper motor is used to rotate the lamp turret for precise lamp location.

FEATURES

- Electronics contained within a single replaceable circuit assembly minimise the need for field service and spare parts inventories
- Multiple units can be synchronised to flash in unison
- 256 user-selectable preprogrammed flash codes are standard
- Maintains constant lamp power over a wide input voltage range, conserving battery power and increasing lamp life
- ON and OFF sunswitch to conserve battery power
- Reverse polarity protection
- Lamp current monitoring
- Fail signal when a failure occurs
- Special circuitry to protect from lightning surges
- Compatible with Tideland's SignalView™ OMNICOOMM and NavLink® monitor and control systems



LC-6 Ex lampchanger for ML-300 Ex MaxLumina® Marine Signal Lantern



SPECIFICATIONS

| | |
|---------------------------|---|
| Input Voltage | 9 to 36 VDC |
| Quiescent Current | 5 mA |
| Lamp Power Regulation | ± 2% over 12 to 16VDC |
| Power Output | 2 to 23 Watt Lamps |
| Current Monitor | ± 10% |
| Flash Codes | Up to 256 codes, field selectable or via serial communication link |
| Synchronisation | ASCII serial sync |
| Operating Temperature | -40° to +55° C |
| Sunswitch Threshold | (adjustable) 30 lux to 300 lux |
| Timing Accuracy | Within 1% |
| Relative Humidity | 5% - 100% non-condensing |
| Lampchanger Motor Current | 500 milliamps at >12 volt input; 900 milliamps at < or = 12 volt input |

NOTE: Specifications are subject to change.

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ISO 9001:2008
 Certificate
 Number: 30061

ISO 9001:2008

Tideland Signal Corporation maintains ISO 9001:2008 accreditation. It is company policy to provide products and services that meet the highest standards of quality in the industry.

Membership Organisations



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