

MLC400-XX

Marker Light Controller

Low intensity – marker/tower light control and monitoring device in a compact cabinet for use in systems with Orga CIP400 controllers.



KEY FEATURES

- Connect up to a total of 8 Orga low intensity lights
- Low power consumption
- Easy to install
- Supplied with EMC cable glands/blind plugs
- Made in The Netherlands

SYSTEM DESIGN, CONTROL AND MONITORING

- Use in Orga obstacle light systems with appropriate low intensity marker/tower lights in a system with a CIP400 controller and medium/high intensity aeronautical obstruction lights

STANDARDS / CERTIFICATION

- Complies with generic EMI (NEN-EN-IEC 61000-6-2) and EMC (NEN-EN-IEC 61000-6-4) RF immunity and emission standards.

ELECTRICAL CHARACTERISTICS

- Wide input voltage range 120-240 VAC nominal, 50-60 Hz
- Power consumption: see table, excluding connected low intensity light
- Output voltage: 24Vdc
- Number of output channels: 8
- Overvoltage protection: Class III according to IEC61643-1

PERFORMANCE CHARACTERISTICS

- Individual light monitoring status reported on CIP controller
- Remote monitoring output for light status on CIP controller.

PHYSICAL CHARACTERISTICS

- Dimensions: see drawing
- Weight: 9 kg
- Design degree of protection: IP65
- Operating temperature range: -40 °C to +55 °C
- AlSi12 alloy painted enclosure
- Shipping dimensions: 500 x 450 x 200 mm, 11 kg



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MLC versions	Power consumption	Marker lights configuration
MLC400-xxx	3 W	MLC400 cabinet, unconfigured.
MLC400-T-xxx	3.5 W	MLC400 cabinet with fiber optics provision, unconfigured.
MLC400-C810F-30	3 W	MLC400 cabinet, controlling C810F tower lights at 30 FPM.
MLC400-NL5-IR	3 W	MLC400 cabinet, controlling RLD tower lights with IR.
MLC400-C810F	3 W	MLC400 cabinet, controlling C810F tower lights.
MLC400-AVV	3 W	MLC400 cabinet, controlling AVV tower lights.
MLC400-62A	3 W	MLC400 cabinet, controlling 10 cd ICAO tower lights.
MLC400-62A-IR	3 W	MLC400 cabinet, controlling 10 cd ICAO tower lights with IR.
MLC400-62B	3 W	MLC400 cabinet, controlling 32 cd ICAO tower lights.
MLC400-62B-IR	3 W	MLC400 cabinet, controlling 32 cd ICAO tower lights with IR.
MLC400-62E	3 W	MLC400 cabinet, controlling 32 cd flashing ICAO tower lights.
MLC400-62E-IR	3 W	MLC400 cabinet, controlling 32 cd flashing ICAO tower lights with IR.
MLC400-NL5	3 W	MLC400 cabinet, controlling RLD tower lights.
MLC400-T-62A	3.5 W	MLC400 cabinet with fiber optics provision, controlling 10 cd ICAO tower lights.
MLC400-T-62B-IR	3.5 W	MLC400 cabinet with fiber optics provision, controlling 32 cd ICAO tower lights.
MLC400-T-AVV	3.5 W	MLC400 cabinet with fiber optics provision, controlling AVV tower lights.
MLC400-T-C810F-30	3.5 W	MLC400 cabinet with fiber optics provision, controlling C810F tower lights at 30 FPM.
MLC400-62E-30	3 W	MLC400 cabinet, controlling 32 cd flashing tower lights at 30 FPM.
MLC400-62E-40	3 W	MLC400 cabinet, controlling 32 cd flashing tower lights at 40 FPM.
MLC400-62E-60	3 W	MLC400 cabinet, controlling 32 cd flashing tower lights at 60 FPM.
MLC400-62E-30-IR	3 W	MLC400 cabinet, controlling 32 cd flashing tower lights at 30 FPM, with IR.
MLC400-62E-40-IR	3 W	MLC400 cabinet, controlling 32 cd flashing tower lights at 40 FPM, with IR.
MLC400-62E-60-IR	3 W	MLC400 cabinet, controlling 32 cd flashing tower lights at 60 FPM, with IR.
MLC400-62Ba	3 W	MLC400 cabinet, controlling 32 cd ICAO tower lights: always on
MLC400-T-NL5-IR	3.5 W	MLC400 cabinet with fiber optics provision, controlling 50 cd Dutch tower lights.
MLC400-T-62E-IR	3.5 W	MLC400 cabinet with fiber optics provision, controlling 32 cd flashing ICAO tower lights.
MLC400-AVV-IR	3 W	MLC400 cabinet, controlling AVV tower lights with IR.
MLC400-T-AVV-IR	3.5 W	MLC400 cabinet with fiber optics provision, controlling AVV (-ES) tower lights.
MLC400-IR	3 W	MLC400 cabinet, controlling tower lights with IR.



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