

bds Brentwood Display Services Inc.

Lighting Control Photocell Module (LCPM)

Part Number 632302-503

The Lighting Control Photocell Module (LCPM) is a microprocessor-based module designed to read the brightness levels of up to three photocells and transfer the data to the Lamp Control Master Module (LCMM). The LCPM also has 2 temperature inputs and contains output control for fans, heaters, abort relays and general-purpose outputs.

SPECIFICATIONS

Operating Temperature Range	-40 to +74 C
Operating Humidity range	5 to 95% non-condensing.
Number photocell input circuits	three – two voltage inputs and one resistive input.
NEMA Tested for Surge & Power Interruption (with Model 1 power supply)	Yes - Passed
NEMA Tested for Mechanical Shock & Vibration	Yes - Passed
Processor	MC68HC11F1 @ 8Mhz.
Memory	32K RAM + 16K EPROM
LED indicators:	None
Voltage Requirement	None – all power input is derived from the LCMM interface.
Re-Calibration Period	10 years.
Conformal Coating	Complies with MIL-1-46058C Type SR
Board Material	.062 Epoxy Glass.
PWB Material Rating	G3 CSA / UL approved.
Copper	1 Oz Plated to 2 Oz
Board Size:	Approximately 12" W by 7" H
Logic level Inter Board connector type:	Gold Plated Ribbon Cable types, with ejectors.

Specifications subject to change without notice.