

LC-50 LED Lighting Driver for NERLITE® MV Lighting Components

Low Cost Constant Current Driver
Stable Light Output
Improves System Reliability
Runs Cool
DIN Rail mounting

Constant Current for LED Lighting

The LC50 provides stable constant current output for driving LED based Machine Vision Lighting. It comes in a range of output currents to drive the latest LED technology and provide repeatable and consistent light intensity.

The LC50 is powered from a DC supply, such as 24V available in most electrical cabinets. The output is a regulated current. The voltage of the output is always less than the input supply voltage. Connections are on screw terminals.

Using a constant current lighting driver will make lighting intensity more stable and repeatable, resulting in better reliability for machine vision systems.

The LC50 is very compact and dissipates very little heat, making it ideal for small, and high density installations. It is supplied with a removable DIN rail adapter.

LC50 Constant Current Drivers support those NERLITE Machine Vision Lighting products designated for Current Control/Constant Current use (-CC model descriptions) and that fall within the LC50's output specification. To select the appropriate Constant Current Driver for a NERLITE Machine Vision Lighting application, please refer to the light's data sheet for power consumption data and driver recommendations.



Specification

LC50	
Output channels	One constant current output channel
Output current	350mA, 700mA, 1050mA models
Output voltage	0V to 37V (at least 1V below supply)
Supply voltage	Regulated 12V to 40V
Connections	Screw terminals
Dimensions	23mm long by 57mm wide by 73mm high (excluding DIN rail adapter)
Weight	40g
Mounting	DIN rail

Product manufactured by:



LC50 - High Current Models - LED Lighting Driver for NERLITE® MV Lighting Components

- Low cost lighting controller
- Stable Light Output
- Improves System Reliability
- Runs Cool
- DIN Rail mounting



Constant Control for LED Lighting

The LC50-high current models provide stable constant current output for driving LED lighting. They come in a range of output currents to drive the latest LED technology and provide repeatable and consistent light intensity.

The LC50-high current models are powered from a DC supply, such as 24V available in most electrical cabinets. The output is a regulated current. The voltage of the output is always less than the input supply voltage. Connections are on screw terminals.

Using a lighting controller will make lighting intensity more stable and repeatable, resulting in better reliability for machine vision systems.

The LC50-high current is compact and dissipates up to 5W, making it ideal for small, and high density installations. It is supplied with a removable DIN rail adapter.

LC50 Constant Current Drivers support those NERLITE Machine Vision Lighting products designated for Current Control/Constant Current use (-CC model descriptions) and that fall within the LC50's output specification. To select the appropriate Constant Current Driver for a NERLITE Machine Vision Lighting application, please refer to the light's data sheet for power consumption data and driver recommendations.

Specification

LC50-High Current	
Output channels	One constant current output channel
Output current	1400mA, 2100mA, 2800mA models
Max output ripple	3% rms
Output voltage	0V to 37V (maximum is 1V less than supply)
Supply voltage	Regulated 12V to 40V
Connections	Screw terminals
Dimensions	40mm long by 57mm wide by 73mm high (excluding DIN rail adapter)
Weight	200g
Max Operatiing Temperature	40°C
Mounting	DIN rail

Product manufactured by:



LC-100 LED Lighting Driver for NERLITE® MV Lighting Components

Constant Current Output
Low Cost Manual Intensity Control
Compact
Runs Cool
DIN Rail Mounting



Manual Intensity Control for LED Lighting

The LC100 provides stable constant current output for driving LED based Machine Visions Lighting. It comes in a range of output currents to drive the latest LED technology and provide repeatable and consistent light intensity.

The LC100 is powered from a DC supply, such as 24V available in most electrical cabinets. The output is a regulated current. The voltage of the output is always less than the input supply voltage. Connections are on screw terminals.

The intensity is controlled using a screwdriver through the top of the unit and can be varied from 0 to 100%.

The LC100 is very compact and dissipates very little heat, making it ideal for small and high density installations. It is supplied with a removable DIN rail adapter.

LC100 Constant Current Drivers support those NERLITE Machine Vision Lighting products designated for Current Control/Constant Current use (-CC model descriptions) and that fall within the LC100's output specification. To select the appropriate Constant Current Driver for a NERLITE Machine Vision Lighting application, please refer to the light's data sheet for power consumption data and driver recommendations.

Specification

LC100	
Output channels	One constant current output channel
Output current	350mA, 700mA, 1050mA models
Intensity Control	0 to 100% of full current
Output voltage	0V to 37V
Supply voltage	Regulated 12V to 40V
Connections	Screw terminals
Dimensions	23mm long by 57mm wide by 73mm high (excluding DIN rail adapter)
Weight	40g
Mounting	DIN rail

Product manufactured by:

