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BASLER LIGHTING CONTROLLERS

Lighting Controller

2200000258
Basler SLP Strobe Controller 121040



- Continuous, strobe or overdrive modes
- Allows easy integration of any light source
- Drive method: current control
- RoHs & FCC conformity

PRODUCT DESCRIPTION

The Basler SLP (Smart Light Profile) Controller is a current-controlled lighting controller designed for seamless integration with Basler cameras, such as the ace U, ace L, ace 2, and boost R series.It supports various lighting modes, including continuous, strobe, and overdrive, with output currents ranging from 0.05 A to 2 A in continuous mode and up to 10 A at 200 µs pulse width in overdrive mode.The controller operates within an output voltage range of 1.5–40 VDC and can deliver a maximum output power of 40 W in continuous mode and 400 W in overdrive mode.With a maximum frequency of 200 Hz and pulse widths adjustable between 50 µs and 100 ms, it offers precise control over lighting conditions.The compact design (85 × 60 × 37.5 mm) and the ability to daisy-chain up to four devices make it suitable for various industrial applications.
In practical applications, the Basler SLP Controller enhances machine vision systems by providing synchronized control of lighting and camera operations through the Basler pylon Software Suite.This integration simplifies system setup and allows for efficient operation in tasks such as quality inspection, object recognition, and surface analysis.The controller's compatibility with various Basler cameras and its support for different lighting modes make it a versatile solution for industries requiring precise and adaptable lighting control.

TECHNICAL DATA

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Length	89 mm
Width	60 mm
Height	43.5 mm
Connector/controller	Continuous, strobe, overdrive mode
Input voltage	24V +/-10%