

# LED Lighting Controller with Ethernet Connectivity

## OPPD-30E

A controller with Ethernet connectivity that allows for predictive LED lighting maintenance for image processing. Lighting brightness and temperature can be externally monitored by connecting a FALUX sensing compatible lighting.

Selected as a smart manufacturing support tool/recipe for the Internet of Things (IoT)!

Was selected twice as a smart manufacturing support tool/recipe at the Solicitation Event for IoT Tools for SMEs sponsored by the Robot Revolution & Industrial IoT Initiative (RRI).



Scan here for product information details

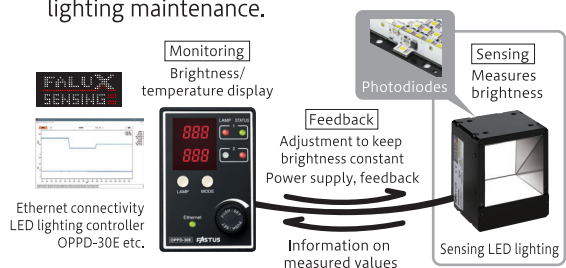


### Features

- Easy Ethernet connectivity  
With support for DHCP, the OPPD-30E can automatically obtain IP addresses and other information necessary for connection. Communication can be easily established.
- Summary of specifications
  - Connectable lighting: Max. 30 W (total for 2 channels)
  - Input voltage: 24 VDC
  - Dimming control: PWM dimming method
  - Frequency: 100 kHz at 1,000 gradations
  - Output voltage: 12 VDC, Illumination output: 2 channels/30 W
  - Outer dimensions: W 48 x H 72 x D 72 mm



- Brightness/temperature monitoring and feedback control  
The initial brightness can be maintained by measuring brightness with the built-in sensor in the lighting and performing monitoring and feedback control with the controller. The OPPD-30E also makes it possible to visualize the amount of lighting deterioration externally, which is useful for predictive lighting maintenance.



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