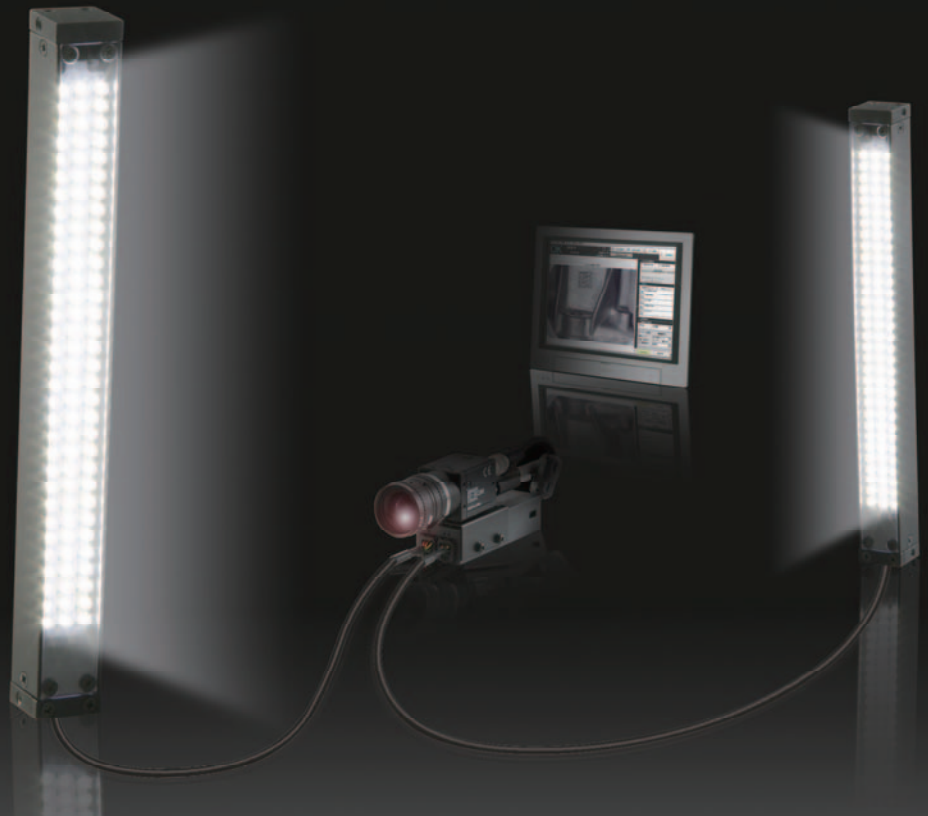


LED Lights and Strobe Controllers for FZ-series Vision Sensors

Create Stable Lighting with Easy Setup

These LED Lights and Strobe Controllers let you use OMRON's Cutting-edge Image Processing with Simple, Stable Inspections.



Clearer Images

High-luminance LED Lights

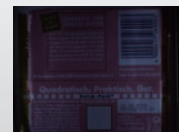


High-luminance LEDs and OMRON's unique digital pulse control technology improve luminance by more than 120%. They allow you to capture more stable inspection images.

Stable Luminance with High-speed Shutters

A high-speed shutter function is provided to produce optimum luminance at high shutter speeds.

Example images (1/20,000 s)



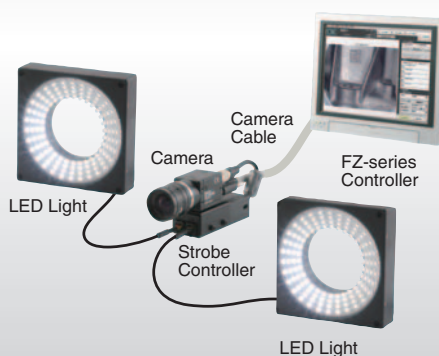
Without High-speed Shutter



With High-speed Shutter

Saves Wiring and Simplifies Setup

Strobe Controller

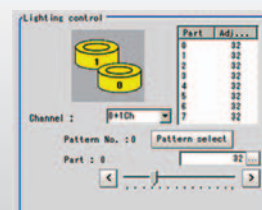


LED Lights can be controlled directly from the FZ-series Controller.

Up to two Lights can be controlled without a separate power supply. This simplifies wiring and setup.

Complete Light Control

Adjust the luminance level of lighting segments from the FZ-series Controller. The Controller can save the settings for each inspection. There is no need to repeat luminance level settings.



Models

High-luminance LED Lights	Model	Illumination area	Light source
Bar Lights 	FZ-LTW5015BR	50 mm × 15 mm	White LEDs
	FZ-LTW7530BR	75 mm × 30 mm	
	FZ-LTW13015BR	130 mm × 15 mm	
Direct Ring Lights 	FZ-LTW31DR	Diameter: 29 to 60 mm	White LEDs
	FZ-LTW50DR	Diameter: 48 to 90 mm	
Coaxial Lights 	FZ-LTW39CL	28 mm × 30.5 mm	White LEDs
	FZ-LTW56CL	50 mm × 47 mm	

Strobe Controller	Model	Connectable Light channels	Compatible Cameras
	FZ-LTA100	1 channel	FZ-S/SC/S2M/SC2M/SF/SFC/SP/SPC
	FZ-LTA200	2 channels	

Extension Cables	Model	Compatible Light models	Cable length
Light Extension Cables	FZ-LT-EXV 1M	FZ-LTW-series Lights *Only one Extension Cable can be connected to each Light.	1 m
	FZ-LT-EXV 3M		3 m
	FZ-LT-EXV 5M		5 m

Accessories	Model	Compatible Light models	Remarks
Diffusion Boards Diffusion Boards for Bar Lights Diffusion Boards for Ring Lights	FZ-LT-DF5015BR	FZ-LTW5015BR	Increase light diffusion and suppress reflections.
	FZ-LT-DF7530BR	FZ-LTW7530BR	
	FZ-LT-DF13015BR	FZ-LTW13015BR	
	FZ-LT-DF31DR	FZ-LTW31DR	Suppress halation and reflections.
	FZ-LT-DF50DR	FZ-LTW50DR	
Polarizing Plates (for Ring Lights)	FZ-LT-PL31DR	FZ-LTW31DR	
	FZ-LT-PL31DR-C	FZ-LTW31DR (for Camera)	Required to mount Diffusion Boards and Polarization Plates to Ring Lights.
	FZ-LT-PL50DR	FZ-LTW50DR	
	FZ-LT-PL50DR-C	FZ-LTW50DR (for Camera)	
Adapters (for Ring Lights)	FZ-LT-AD31DR	FZ-LTW31DR	
	FZ-LT-AD50DR	FZ-LTW50DR	

This document provides information mainly for selecting suitable models. Please read the Instruction sheet carefully for information that the user must understand and accept before purchase, including information on warranty, limitations of liability, and precautions.

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