Product News

OMRON AUTOMATION & SAFETY

NO: **VS-071** **PRODUCT:** **FLV-EP, FLV-DD Vision Lighting**
DATE: **February 2016** **TYPE:** **Modification Notice**

FLV-EP, FLV-DD Lighting for Vision Sensors Have Modified Optical Characteristics

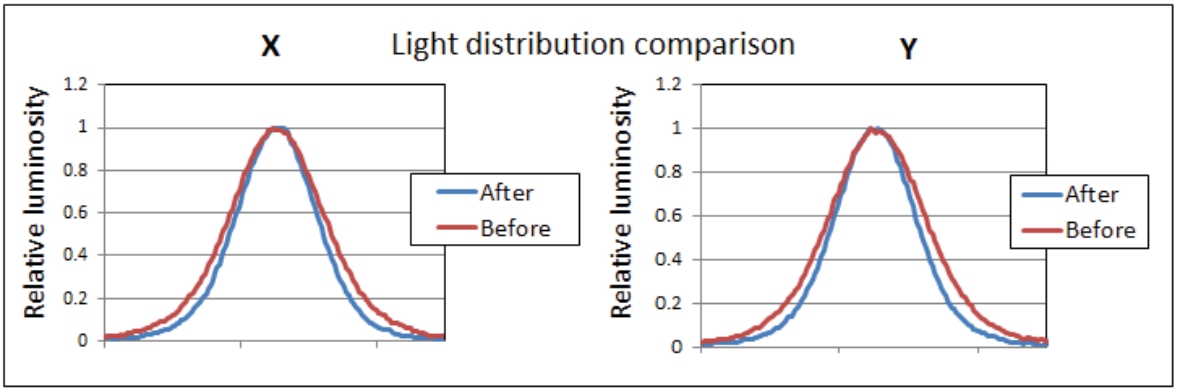
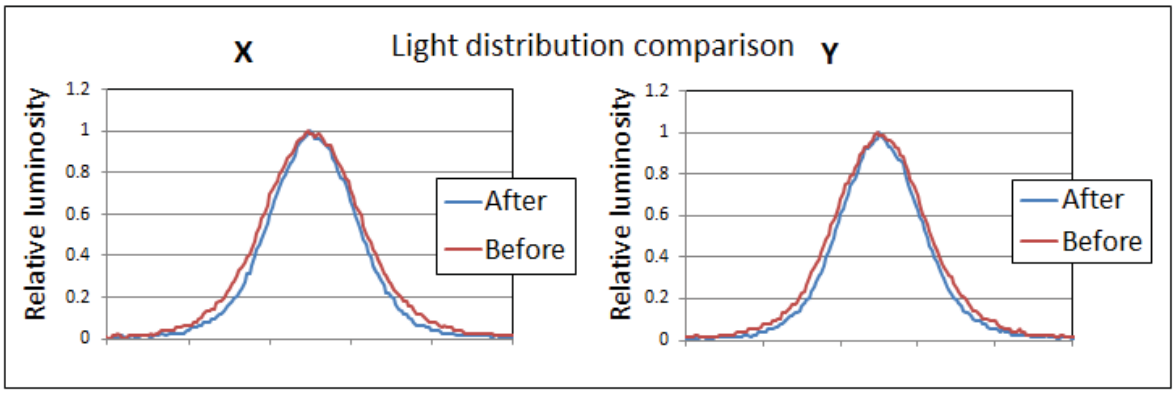
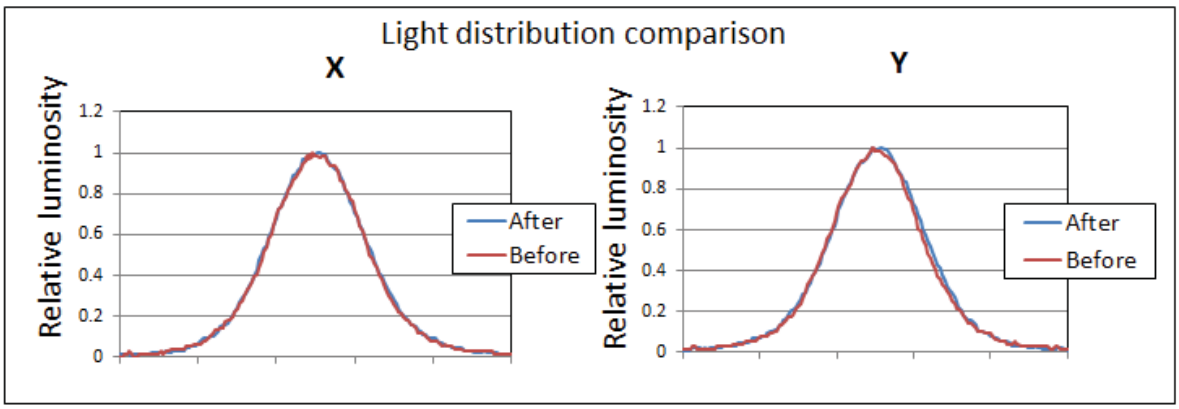
Effective date: January 2016 production

Reason for modification: The LED supplier discontinued the original parts. The LEDs from a different supplier have slightly different optical characteristics.

Affected Parts

Models	Specification
FLV-EP0803W	Spot lighting White
FLV-EP0803R	Spot lighting Red
FLV-EP0803B	Spot lighting Blue
FLV-EP50W	High power Spot lighting White
FLV-EP50R	High power Spot lighting Red
FLV-DD100W	Dome Lighting White
FLV-DD100R	Dome Lighting Red
FLV-DD100B	Dome Lighting Blue
FLV-DD150W	Dome Lighting White
FLV-DD150R	Dome Lighting Red
FLV-DD150B	Dome Lighting Blue

Detail of Differences

Before the change	After the change
Optical characteristic White (Color temperature): 5000-10000K Red (Peak wavelength): 625nm Blue (Peak wavelength): 460nm	Optical characteristic White (Color temperature): 5600-9000K Red (Peak wavelength): 635nm Blue (Peak wavelength): 465nm
Light distribution is almost same, but the luminous intensity of new LED becomes higher than the old. And so, please adjust the intensity level before using.	
Typical example ・FLV-EP0803W	Typical example ・FLV-EP0803W
	
Typical example ・FLV-EP0803R	Typical example ・FLV-EP0803R
	
Typical example ・FLV	Typical example ・FLV-EP0803B
	

Specifications and prices in this product news are as of the issue date and are subject to change without notice.
Only main changes in specifications are described in this document. Please be sure to read the relevant catalogs, datasheets, product specifications, instructions, and manuals for precautions and necessary information when using products.