

**NO:** PH-210  
**DATE:** February 2016

**PRODUCT:** E3Z-LL Laser Photoelectric Sensor  
**TYPE:** Modification Notice

## E3Z-LL Laser Photoelectric Sensors will have Modified FDA Laser Warning Labels to Reflect Differences Among Models

**Effective date:** February 2016 production

**Reason for modification:** The laser diodes used as the sensor light source have change and the FDA laser warning labels will be modified to reflect the new ratings. Performance ratings will not change.




### Affected Parts

Models	Cable length
E3Z-LL61	0.5M
E3Z-LL61	2M
E3Z-LL61	5M
E3Z-LL61-F80	5M
E3Z-LL61-M1J	0.3M
E3Z-LL61-M3J	0.3M
E3Z-LL63	0.5M
E3Z-LL63	2M
E3Z-LL63	5M
E3Z-LL63-M1J	0.3M
E3Z-LL66	--
E3Z-LL68	--
E3Z-LL81	0.5M
E3Z-LL81	2M
E3Z-LL81	5M
E3Z-LL81-M1J	0.3M
E3Z-LL81-M3J	0.3M
E3Z-LL83	0.5M
E3Z-LL83	2M
E3Z-LL83-M1J	0.3M
E3Z-LL86	--
E3Z-LL88	--

# Detail of Differences

## Warning Label Record

Before the change	After the change																														
<p>Warning label record All E3Z-LL□□ models</p>  <div data-bbox="162 898 479 1144" style="border: 1px solid black; padding: 5px;"> <p><b>CAUTION</b></p> <p>LASER RADIATION DO NOT STARE INTO BEAM</p> <p>PEAK POWER 4.5mW PULSE DURATION 3.0μs WAVE LENGTH 655nm</p> <p>CLASS I LASER PRODUCT</p> </div> <p>This laser product complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No.50 dated June 24,2007 OMRON Corporation 735-5 higashiokoji-cho, karasuma-shichijo shimogyo-ku,Kyoto 660-8216 JAPAN Place of manufacture: Shanghai Factory, OMRON Corp. Manufactured in</p> <table border="1" data-bbox="289 1157 826 1310"> <tr> <td>PEAK POWER</td> <td>4.5mW</td> </tr> <tr> <td>PULSE DURATION</td> <td>3.0us</td> </tr> <tr> <td>WAVE LENGTH</td> <td>655nm</td> </tr> </table>	PEAK POWER	4.5mW	PULSE DURATION	3.0us	WAVE LENGTH	655nm	<p>Warning label record E3Z-LL61/66</p> <table border="1" data-bbox="1092 331 1495 449"> <tr> <td>PEAK POWER</td> <td>2.3mW</td> </tr> <tr> <td>PULSE DURATION</td> <td>2.9us</td> </tr> <tr> <td>WAVE LENGTH</td> <td>655nm</td> </tr> </table> <p>E3Z-LL63/68</p> <table border="1" data-bbox="1092 520 1495 638"> <tr> <td>PEAK POWER</td> <td>2.2mW</td> </tr> <tr> <td>PULSE DURATION</td> <td>2.1us</td> </tr> <tr> <td>WAVE LENGTH</td> <td>655nm</td> </tr> </table> <p>E3Z-LL81/86</p> <table border="1" data-bbox="1092 709 1495 827"> <tr> <td>PEAK POWER</td> <td>1.8mW</td> </tr> <tr> <td>PULSE DURATION</td> <td>3.3us</td> </tr> <tr> <td>WAVE LENGTH</td> <td>655nm</td> </tr> </table> <p>E3Z-LL83/88</p> <table border="1" data-bbox="1092 898 1495 1016"> <tr> <td>PEAK POWER</td> <td>2.2mW</td> </tr> <tr> <td>PULSE DURATION</td> <td>2.5us</td> </tr> <tr> <td>WAVE LENGTH</td> <td>655nm</td> </tr> </table>	PEAK POWER	2.3mW	PULSE DURATION	2.9us	WAVE LENGTH	655nm	PEAK POWER	2.2mW	PULSE DURATION	2.1us	WAVE LENGTH	655nm	PEAK POWER	1.8mW	PULSE DURATION	3.3us	WAVE LENGTH	655nm	PEAK POWER	2.2mW	PULSE DURATION	2.5us	WAVE LENGTH	655nm
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