

Safety Standards (CDRH, UL)

The BCL 3X bar code readers and the BPS 34/37 bar code positioning systems comply with safety standards IEC 60825-1:1993 + A2:2001 for a class 2 product. They also comply with the U.S. 21 CFR 1040.10 and 1040.11 regulations for a class II product except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001.

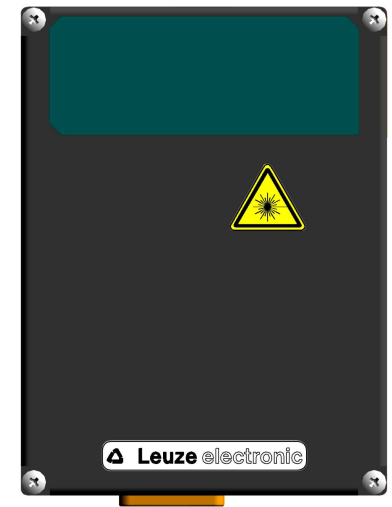
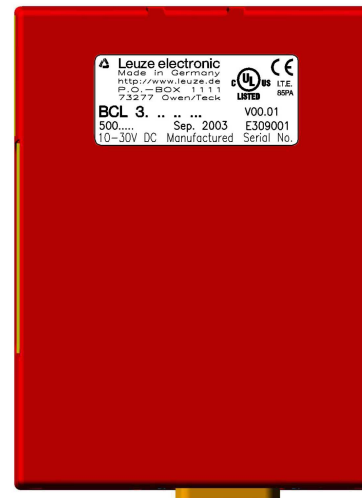
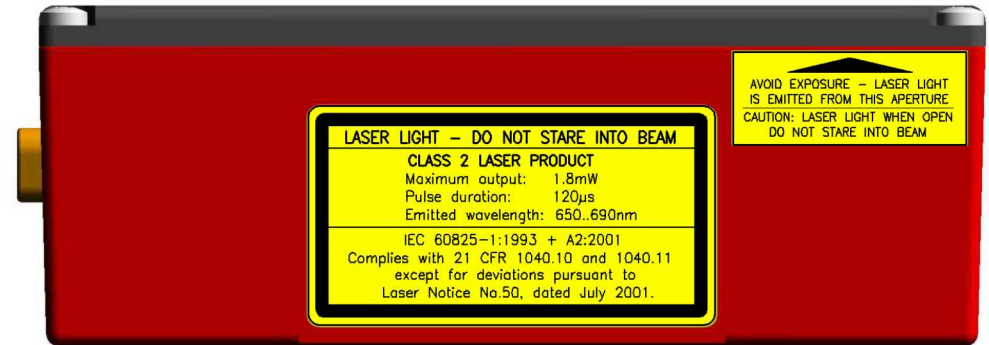
Radiant Energy: The BCL 3X and BPS 34/37 use a low power visible laser diode. The emitted wavelength is 650..690 nm. The peak output power of the scanning laser beam is 0.7mW (BCL 3X R1 M, BCL 3X S M), 0.9 mW (BCL 3X R1 F, BCL 3X S F) or 1.3 mW (BCL 3X R1 L, BCL 3X S L). Laser radiation observed at 12 cm above the window through a 7 mm aperture and averaged over 1000 seconds is less than 1mW per CDRH class II specification.

Adjustments and Service: Do not attempt any adjustments to or alterations of this product. Do not remove the scanner's protective housing. There are no user-serviceable parts inside.

The scanner window is the only aperture through which radiation may be observed on this product. A failure of the scanner motor, while the laser diode continues to emit a laser beam, may cause emission levels to exceed those for safe operation. The scanner has safeguards to prevent this occurrence. If, however, a stationary beam is emitted, the failing scanner should be disconnected from its power source immediately.

Power supply: The unit is to be supplied by a Limited Power Supply complying with Cl. 2.5 of UL 60950 (NEC Class 2) and rated from 10 Vdc to 30 Vdc, min. 320 mA.

The unit shall be installed in accordance to the NEC, Article 725-52.



CAUTION: Use of controls or adjustments or performance of procedures other than specified herein may result in hazardous radiation exposure. The use of optical instruments with the product will increase eye hazard.