OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

ZEBRA RING AND BAR LIGHTS

LGHT-A100BP-0000
100mm Bar Light Polarizer, LGHT-B100XX-0000, Does not work with IR models



- Bar Lights
- Ring Lights
- Integrated Ring Lights

PRODUCT DESCRIPTION

Zebra provides a variety of industrial lighting options for the FS and VS Smart Camera Series, ensuring consistent and reliable image capture in any environment. Ring lights are designed to mount directly around the camera lens, delivering uniform illumination across the field of view while minimising shadows. They are available in multiple colours and intensities, allowing users to adapt lighting to different materials and surfaces. Bar lights, on the other hand, offer directional illumination and can be positioned at various angles to highlight features, textures, or barcodes that are otherwise difficult to capture under ambient lighting. For streamlined setups, Zebra also offers integrated ring lights that mount directly to the camera housing, reducing hardware footprint while providing optimised, factory-calibrated illumination.

These lighting solutions help customers overcome the challenges of inconsistent or poor ambient light on production lines. Integrated ring lights are ideal for compact installations or quick deployments where space is limited, such as packaging lines or small workstations. External ring lights excel in high-speed conveyor environments where uniform illumination ensures accurate code reading and defect detection. Bar lights are especially effective in highlighting surface defects on reflective or textured materials, such as metal parts, glass, or glossy packaging. By providing the right balance of brightness, colour, and angle, Zebra's lighting solutions enhance camera performance, reduce read errors, and deliver reliable inspection results across industries like manufacturing, automotive, pharmaceuticals, and logistics.