

Microscan's NERLITE is the leading brand of lighting and imaging systems designed specifically for machine vision. Microscan's wide range of NERLITE products can illuminate any part or mark for successful applications in any automation environment. With a broad range of designs and spectrums available, including UV and infrared, NERLITE technology lends itself to flexible adaptation and reliably solves the most challenging lighting problems in thousands of diverse applications worldwide.

■ NERLITE HI-BRITE

For intense illumination of large areas in industrial environments. Features IP67 enclosure, M12 connectors, and built-in controller for continuous or strobe use.



■ NERLITE Area Array Light

General purpose design for diffused surface lighting in applications that demand economical solutions.



■ NERLITE Bar Light

Provides uniform light in a compact, linear shape for general purpose illumination in a variety of applications.



■ NERLITE Ring Light

Economical and practical choice for illuminating flat, diffused surfaces. Easy, direct lens attachment.

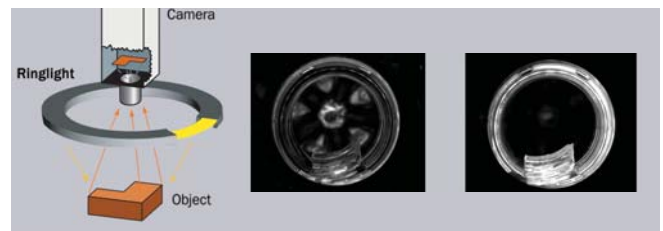
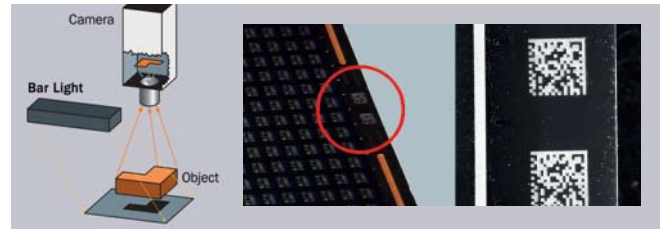


■ NERLITE Backlight

Provides sharp contrast to outline a part's shape, hide clear housings, and view openings such as drilled holes.

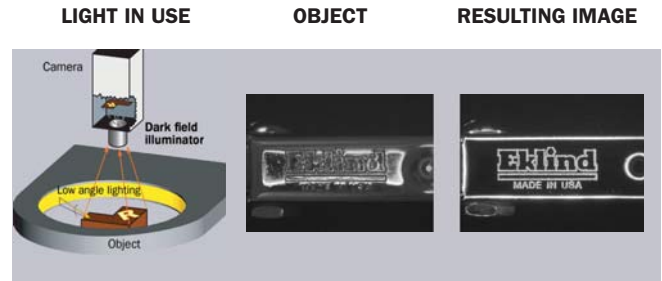


LIGHT IN USE OBJECT RESULTING IMAGE



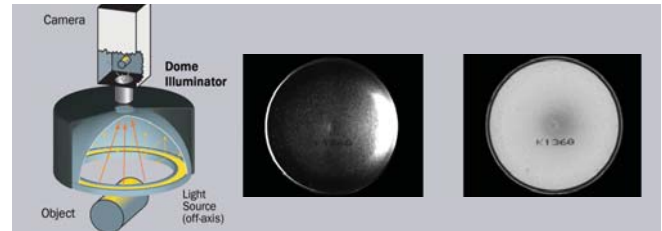
NERLITE Dark Field Light

Dramatically enhances the contrast of surface features such as laser embossed or engraved marks or surface defects.



NERLITE Dome Light

Provides practical and cost effective solutions to illuminate curved, shiny, or bumpy surfaces.



NERLITE DOAL®

Provides the best contrast of marked or embossed features with even, diffuse illumination.



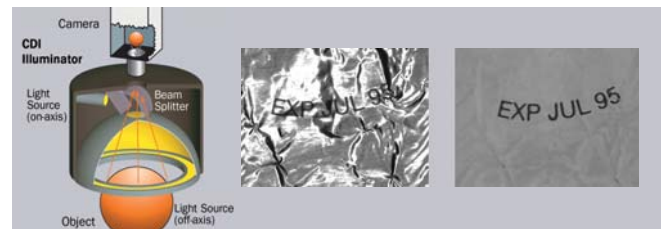
NERLITE SCDI®

Patented design provides extraordinary diffuse illumination, ideal for moderately faceted and undulating reflective surfaces. Diminishes clear overcoats and coverings.



NERLITE CDI®

Self-contained continuous diffuse illumination unrivaled in this industry, perfect for highly faceted and undulating reflective surfaces. Allows products to be inspected in clear packages.



Effects of lighting techniques on a ball bearing



Ball Bearing

Fiber Optic Ring Light

Fluorescent Ring Light

Diffused Dome Light

NERLITE DOAL

NERLITE SCDI

NERLITE CDI

www.microscan.com

Product Information:

info@microscan.com

Auto ID Support:

helpdesk@microscan.com

Vision Support:

visionsupport@microscan.com

NERLITE Support:

nerlitesupport@microscan.com

MICROSCAN®