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DoAll Light Right Angle Mount

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General

Manufacturer:

Smart Vision Lights LLC

Regulatory Compliance

Certificate of Conformance:

View

Product Details

- All-In-One Solution for Machine Vision Lighting Applications
- Combines 6 Illumination Geometries into One Multi-Functional Illuminator
- Features RGB, White and NIR Illumination

The Smart Vision Lights DoAll Light provides an all-in-one solution for machine vision lighting applications that require various wavelengths and illumination profiles. This light combines a dome, low and mid angle darkfield ring, RGBW ring, four-quadrant ring, and NIR ring light into one system. The included controller allows the user to program and save multiple illumination sequence variations for ease of use between inspections. The Smart Vision DoAll Light features RGB, white, and NIR illumination to address multiple application spaces. This versatile illuminator includes all required components for operation, including the controller, power supply, power & ethernet cables, URCap USB stick with software, and mounting hardware. The DoAll Light's compact size allows for easy integration into smaller electronic assembly inspection systems or for use in large-scale automatic and logistics applications.

Color	Dominant Wavelength	Irradiance	OverDrive™ Irradiance	Illuminance	OverDrive™ Illuminance
Red	625 nm	1.4 mW/cm²	10.6 mW/cm²	2,469 lux	18,300 lux
Green	533 nm	1.9 mW/cm²	9.5 mW/cm²	10,420 lux	51,900 lux
Blue	484 nm	2.5 mW/cm²	14.1 mW/cm²	2,860 lux	15,900 lux
White	556 (5443 K)	2.8 mW/cm²	17.6 mW/cm²	8,960 lux	57,100 lux
IR	850 nm	8.2 mW/cm²	36.6 mW/cm²	N/A	N/A

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