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TECHNOLOGY GROUP

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Find the *Dolan-Jenner / Fiber-Lite DC-950H* at our website: ***Click HERE***

Model DC950H Machine Vision Illuminator



Model DC950H Fiber Optic Illuminator

The Fiber-Lite DC950H now offers up to 2X the output of the previous DC950, even greater reliability and is now RoHS compliant! The DC950H is a cost effective 150 watt quartz halogen light source designed specifically for machine vision lighting. The DC950H features a DC-regulated output, which is stabilized to +/- 0.5 %. Precise regulation is essential for machine vision applications, where variation in input line voltages would otherwise effect the image capture.

The DC950H maintains a compact size, while offering features such as a linear remote intensity control option, Universal AC Input Power, and color filtering capability. The nosepiece is compatible with all of our standard fiber optic configurations.

Features

- RoHS Compliant
- Light output regulation of +/- 0.5% or better
- 0-5 VDC linear remote control interface, with optional digital interfaces
- Solid state intensity control (0-100%)
- Universal AC Input Power
- UL/c-UL and CE
- Color filtering options
- Optional Mounting Brackets
- Easy lamp change
- Cool housing and nosepiece temperature
- Small foot print
- 2 Yr. Warranty

Technical Information

Input	100 - 240 VAC 50/60 Hz Universal AC Input
Lamp	150 Watt, 21 V, EKE quartz halogen
Color Temperature	3200° Kelvin at max. intensity
Lamp Life	200 hrs. at full intensity/ up to 10,000 hrs. at lower levels
Fiber Optic Interface	DC950H - 1.0 in. dia. DC950HB - 0.59 in. dia.
Light Output Regulation	+/- 0.5% or better
Output Ripple	0.4% or better
Intensity Control	solid state 0-100%
Remote Intensity Control	0-5 VDC analog, optional 8-bit digital or RS232
Dimensions	7.25" x 9.50" x 4.69"
Weight	11.5 lbs.
Approvals	UL/c-UL, CE, RoHS

Download the Fiber-Lite Diffuse Lighting (FLD) data sheet

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