

ON-AXIS DIFFUSE ILLUMINATOR

The fiber optic On-Axis Diffuse Illuminators offers an ideal solution for laboratories or industrial vision applications that involve the inspection of objects with reflective surfaces. A small sample of those applications would included the inspection of silicon wafers, CD-ROMs, printed circuit boards, foil packs and other metallic or shiny objects that exhibit similar reflective qualities. A standard On-Axis Diffuse Illuminator utilizes a high quality 50/50 beam splitter to direct a diffuse light source coaxial with the optical axis of the application. With the use of coaxial lighting this techniques virtually eliminates the presence of shadows and glare. With the On-Axis Diffuse Illuminator it can be also used as an illumination source for a wide variety of applications where other lighting techniques, such as polarizing or diffuse front lighting, have produced poor results.



Features

- Ideal solutions for inspection reflective finishes
- Uniform light output
- Eliminates glare and shadows
- Compact and lightweight
- Easy mounting



DJI ON-AXIAL DIFFUSED ILLUMINATION

Part #	Discription
AI-2	Diffusing Illumination system w/ 2" x 2" viewing window
AI-4	Diffusing Illumination system w/ 4" x 4" viewing window
B448	48" light guide for use w/AI-2 system
B448M	48" light guide for use w/AI-2 system, direct fit for MI150 and B-Nose illuminators
MBR3548	48" quad multi-branch randomized light guide for use w/ AI-4 System
MBR3548M	48" quad multi-branch randomized light guide for use w/ AI-4 System, direct fit for MI150 and B-Nose illuminators

TECHNIQUIP ON-AXIAL DIFFUSED ILLUMINATION

Part #	Discription
OA115513036M	1" x 1" Diffuse illuminator, w/ 36" FO Light Guide
OA225525036M	2" x 2" Diffuse illuminator w/ 36" FO Light Guide

