VectorLight™

Inspection and Measurement Options

QVI

Diagram labels:
- Camera
- Beam Splitter
- LEDs
- Fresnel Lens
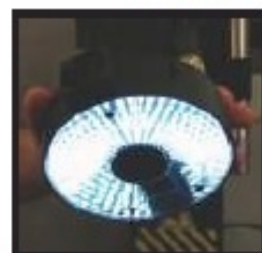- 75mm
- Object
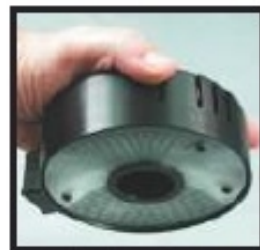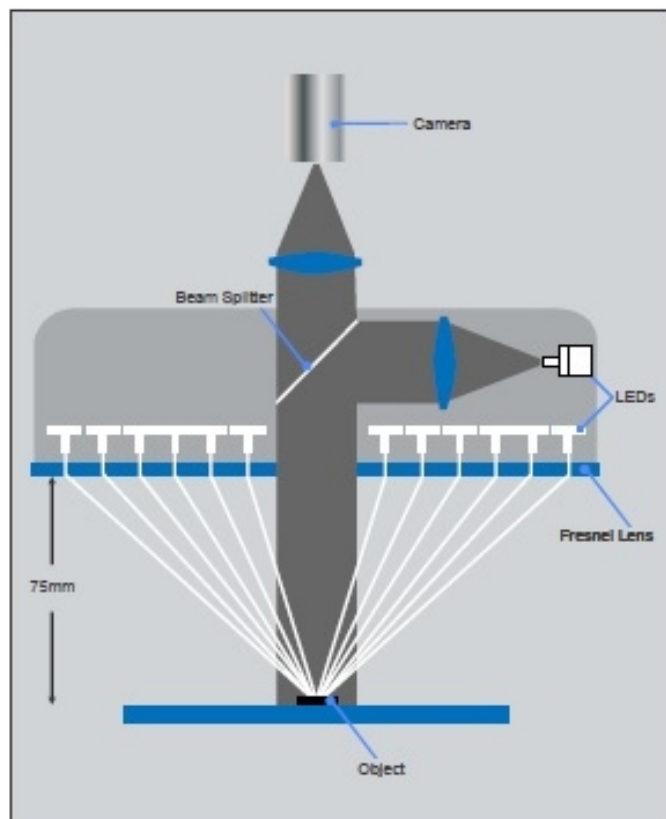
VectorLight STD. with oblique illumination (6 rings, 8 segments)

VectorLight SF with 6 rings, 8 segments and TTL Surface Illumination *

VectorLight SP, with 6 rings, 7 segments and TTL surface Illumination

VectorLight™ is a versatile illumination solution for select QVI® optical inspection and measurement systems. Its combination of on-axis and oblique illumination provides lighting versatility for the toughest imaging applications.

VectorLight uses white light LEDs arranged in six concentric rings. When used on select QVI systems with Measure-X® software, rings are selectable in order to adjust the angle of incidence of the light. The rings of LEDs are also selectable as segments. Eight segments can be selected separately or grouped in any combination to adjust the angle of illumination. These settings, along with independent intensity settings, are all retained in a part program for duplication of these settings every time the program is run. Constant standoff distance is maintained so as to preserve valuable working space.

Specifications

Illumination Source	LEDs with white light only
LEDs	6 independently controlled concentric rings, divided into eight sections, 7 available on VectorLight SP
No. of Selectable Segments	8 on standard VectorLight and VectorLight SF (optional) includes TTL surface illumination 7 on VectorLight SP (optional) includes TTL surface illumination
Programmed Ring/Segment Control	Measure-X® Metrology Software

* VectorLight SF requires a 0.8X le