

# G5 INTEGRATED BACKGROUND ILLUMINATION SYSTEM MODEL 1159



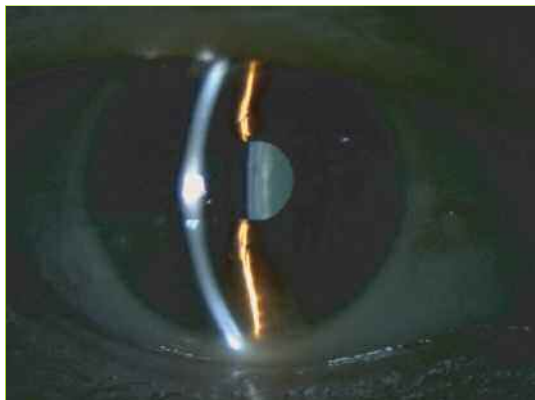
The 1159 in combination with the 1108 SnapShot Digital Camera Adaptor.

## FEATURES

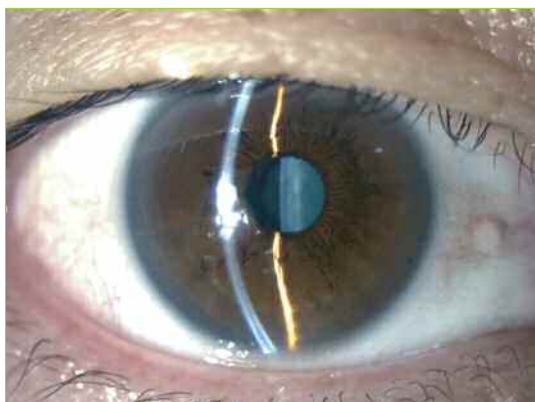
- As the 1159 shares its light source with the slit lamp, its brightness and color temperature remain the same as the slit beam. There is no need to worry about light intensity balance or color temperature differences between the slit beam and the background illumination.
- Its output beam and the slit beam are both projected from the same “cold” mirror. Unlike other types of background illumination systems, there will be no shadows no matter where the slit illumination position may be.
- Unlike conventional systems, the 1159 does not require a power box that would occupy table top space.
- The output beam can easily be turned on and off by use of a lever on the projector unit (See the enlarged image on the back).
- The lamp unit of your existing slit lamp<sup>1</sup> can be replaced by the 1159 in a simple procedure.
- The 1159 can be used in combination with various types of video cameras as well as Marco’s 1153 – Integrated Digital Oph Camera IDOC G5 and 1108 – Snapshot Digital Imaging Pkg G5.

<sup>1</sup> Slit lamps on which the 1159 can be mounted are Marco models G5, G5 Zoom, 5 and 2B.

In images of the anterior segment, when captured with the Background Illumination System, the position of the slit beam is shown very clearly. Therefore, the Background Illumination System is useful in various situations, particularly when explaining diagnosis to patients.



Without Background Illumination



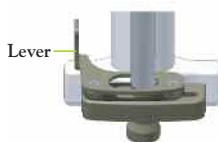
With Background Illumination

## MAJOR COMPONENTS

1159



**PROJECTOR UNIT**  
(Enlarged view)



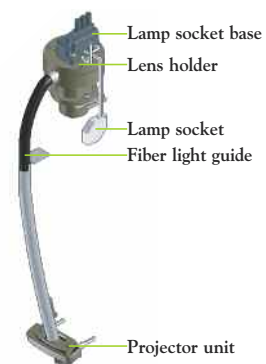
\*Image shows fully-opened state.

**LAMP COVER UNIT**



Lamp Cover

**LIGHT GUIDE UNIT**



## SPECIFICATIONS

- Power Source:** Conforms with the slit lamp on which the 1159 is installed
- Light Source:** Shared with the slit lamp
- Aperture Diaphragm:** 40mm in diameter
- Brightness:** Approx. 30,000 lux

Design and specifications are subject to change as improvements are made to the product.

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