

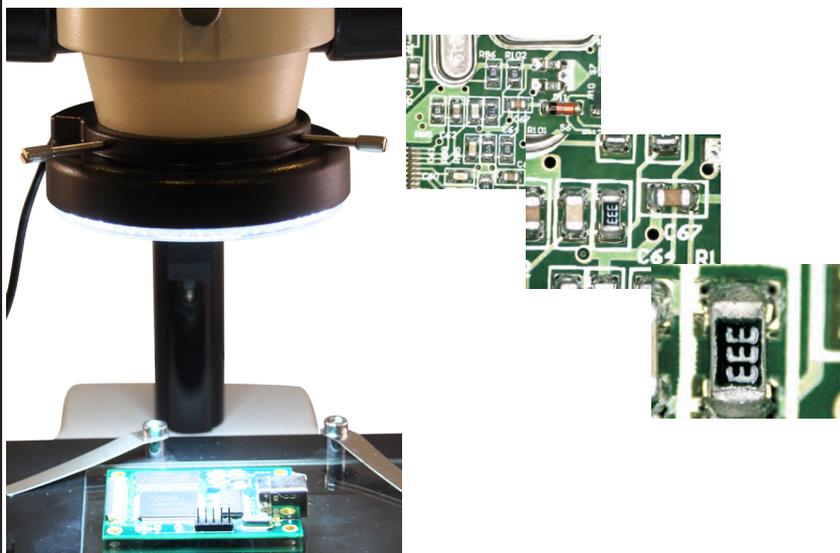
# Discover the Details

DeltaPix Illumination



## Benefits of LED illumination

- White light approx. 6000-6,400K
- Nearly constant color temperature when dimming
- High reliability of LED's
- Low power consumption
- Insensitive to movements
- Lightweight



## DeltaPix illumination

Utilizing the newest technologies of high brightness LEDs to provide a highly effective and affordable illumination system for a wide range of applications.



### Ring light

Ring Light is able to illuminate the object uniformly and without shadows.



### Back light

Ring Light is able to illuminate the object uniformly and without shadows.



### Dark field ring light

The light has a very low angle, which provides a better illumination of surface structures.



### Spot light

Flexible light guides provide direct illumination, compatible with most systems and easy to use.

## Affordable bright white Ringlight with Zone control.

This basic Ring light gives a very bright pleasant light, which can be used for long daily work, without getting tired eyes. It's ideal for stereo microscopes, and with its adjustable light and 4 switch able zones, it is even possible to have parts of the specimen covered in shadow, if needed.



### 3ZC LED Ringlight with Area Control

- Ringlight is divided into 4 areas for quad lighting
- Power supply: AC 90-240V 50/60Hz
- Max. Opening: Ø61mm
- Outside diameter of ring light cover: Ø98mm
- Quantity of bulbs: 144 LED Bulbs
- Size of power box: 110x60x32mm
- Colour temperature: 6400K, white light

## Dome light for glare, even and shadow free lighting.

LED Diffuse Dome Illuminator with LED's illuminating upwards into a white dome which then illuminates the subject perfectly. A superb illumination system for observing any reflective surface, absolutely excellent for insect imaging, ball bearing imaging and shiny metallic specimens.



### LED Diffuse illuminator for stereo microscopes

- Adjustable intensity
- Power supply: AC 90-240V 50/60Hz
- Max. Opening for microscope objective: Ø61mm
- Outside diameter of ring light, bottom: Ø98mm
- Quantity of bulbs: LED Bulbs
- Size of power box: 140x90x54mm
- Color temperature: 6400K, white light

## Ringlight for small diameter monoscopes.

An excellent illuminator for the DPZoom mono scope and other similar systems. Suitable for use with objectives up to 2X magnification. Adjustable intensity and extremely bright, ideal for imaging work.



### 4ZC LED Adjustable Ringlight

- Adjustable intensity
- Power supply: AC 90-240V 50/60Hz
- Max. Opening for microscope objective: 50mm
- Outside diameter of ring light, bottom: Ø68mm
- Quantity of bulbs: 96 LED Bulbs
- Size of power box: 110x60x32mm
- Color temperature: 6400K, white light

## Photonic light sources.

DeltaPix markets the full range of ultra high quality Ring lights, fiber light sources, spot lights and goose necks from the Austrian company "Photonic". Photonic supplies a wide range of lights for different applications, working distances and different kinds of filters, polarizers and like wise. This includes fiber optic Ring lights as well as LED powered Ring lights with advanced zone control. Contact DeltaPix for separate catalogue and data sheets.



## Light Sources, Ringlights

One of the most important components in all macro- or micro imaging systems is the light source. DeltaPix provides all kind of advanced light sources from companies like "Photonic", and very affordable carefully selected OEM Ringlights of good quality. This includes all kind of Ringlights with or without area control, fiber spots, coax light and transmitted light sources.

## Light controller and power supply

We provide high quality controller and power supply with all of our light systems for high precision imaging for lower cost.



# DeltaPix Scientific Software



## Semi Dark Field Ringlight.

Dark Field Light ring DF200 is ideally used for testing and checking surfaces, because of their low angle illumination. With the high-contrast resolution and the intensive shadow formation of the Semi Dark Field Light, defects, surface outlines and back ground all appear visible.



- Illuminated by 30 bright LED bulbs
- Low angle illumination
- Adjustable brightness
- Color temperature 6000K
- Perfect for placing it on DeltaPix's stand base.
- Made from black anodized aluminum
- Outside diameter of ring light: Ø200mm
- Inner diameter of ring light: Ø160mm
- Power supply: AC 90-240V 50/60Hz

## Transmitted light

The extremely flat DeltaPix LED transmitted light, is easy to use and fits DeltaPix stand bases. Backlighting is one of the most popular forms of vision illumination for microscopes, providing maximum contrast between object and scene and showing a high contrast image with consistent edge definition.



- Adjustable brightness
- Color temperature 6000K
- Perfect for DeltaPix's base.
- Outside diameter of ring light: Ø95mm
- Inner diameter of ring light: Ø72mm
- Power supply: AC 90-240V 50/60Hz

## DeltaPix's Compact Dome light:

LED Diffuse Dome Illuminator with LED's illuminating upwards into a white dome which then illuminates the subject perfectly.

A superb illumination system for observing any reflective surface, absolutely excellent for insect imaging, ball bearing imaging and shiny metallic specimens. This compact model is designed especially for small objectives.



- Adjustable brightness
- Power supply: AC 90-240V 50/60Hz
- Max. opening: Ø32mm
- Outside diameter of cover: Ø104mm
- Type of bulbs: LED Bulbs
- Size of power box: 110x60x32mm
- Colour temperature: 6400K, white light