

# Ring light source illumination

## Professional high PowerLED

### LE.1990 / LE.1991

#### HIGHLIGHTS

- Professional high powerLED ring light source
- 72 LEDs with adjustable intensity
- Metal construction
- illuminance 21,000 Lux at 100 mm distance
- Various accessories
- 2 years warranty



LE.1990 / LE.1991

#### TECHNICAL SPECIFICATIONS

- High Power LED Ring light source Illuminations LEDs have gained acceptance in both quality control applications and in production.
- These illumination solutions can be diffuse or optimized with dedicated Fresnel lenses for shorter or longer working distances.
- Light emitting diodes have the advantage of being a cold light source with a constant spectral output over very long life times.
- LED ring light source with maximum illuminance and metal construction for professional usage.
- With adjustable intensity, optional power supply/ segment controller, diffuser, polarizers and Fresnel focusing lenses for perfect illumination of objects

#### MODELS

<b>Number of LEDs</b>	72	72
<b>Color temperature</b>	6,000 K	6,000 K
<b>Illuminance</b>	21,000 Lux at 100 mm distance	21,000 Lux at 100 mm distance
<b>For mounting diameters</b>	40-66 mm	40-66 mm
<b>Internal diameter</b>	60 mm	60 mm
<b>External diameter</b>	110 mm	110 mm
<b>Output connector</b>	Analog controller	Digital segments controller for 8, 4 or 1 segment
<b>Intensity</b>	Adjustable from 0-100 %	Adjustable from 0-100 %
<b>Required power supply</b>	LE.1992	LE.1993
<b>Product number</b>	<b>LE.1990</b>	<b>LE.1991</b>

#### ACCESSORIES AND SPARE PARTS

**LE.1994-050** Fresnel focusing lens, working distance from 40 to 80 mm  
(to be mounted under ring light)

**LE.1994-100** Fresnel lens, working distance from 80 to 150 mm  
(to be mounted under ring light)

**LE.1994-200** Fresnel lens, working distance from 150 to 240 mm  
(to be mounted under ring light)

**LE.1994** Diffusing filter, for working distance  
from 40 to 300 mm

**LE.1995** Glass protection window  
(to be mounted on the ring light)

**LE.1997** Polarizing filter

**LE.1998** Rotatable polarizing/analyzer filter  
(polarizer filter will be mounted on the LED's of the ring light,  
analyzer will be mounted central under the ring light)

**LE.1992** 100-230 V power supply LED analog controller.  
Intensity adjustable from 0-100%

**LE.1993** 100-230 V power supply LED digital segment  
controller. Intensity adjustable from 0-100%