

Optica 488

LED Magnifier Luminaire



LED

LED Lighting

Optica 488 - *LED Magnifier Luminaire*



The Optica 488 applies ergonomic perfection to support highly demanding visual tasks. With the latest LED's, innovative arm technology and a visual field designed for optimum performance, the Optica 488 illuminated magnifier combines high efficiency with ergonomic design.

- 40 % energy savings
- Intensity: 6,000 Lux using only 14 watts of power
- Maintenance Free: LED life of up to 50,000+ hours
- Excellent colour rendition for accurate representation of tissue
- Continuous dimming to 10%. Adjustable light intensity for a variety of procedures without jeopardising colour rendition
- 3D Shadow effects emphasising surface structure
- Bi-focal high magnification centre for more intricate procedures
- Balanced arm for easy manoeuvrability
- Scratch-proof glass
- Sealed joints to protect internal cables
- Wide angle lens Ø 153mm for distortion-free vision
- Large arm radius with innovative flexible joint
- Manufactured from aluminium and high performance plastic
- Available in desk, wall and mobile mounts.



Enhanced Visualisation

Excellent colour reproduction that corresponds to Ra = 90 provides impressive colour rendition and highlights colour differences. The 3.5 dioptre magnifier doubles the size of even the smallest detail and the 8-dioptre accessory lens provides a high magnification spot of 11.5 dioptres.

To allow precise visual operation, Optica has a digital dimming function from 10% to 100%. The integrated visualiser function incorporates three separately switchable light segments. This allows different scenarios to be created emphasising the surface structure and provides excellent depth perception.

Long reach, high manoeuvrability

The highly flexible head joint enables a wide range of positioning and working options. For maximum operating flexibility, the Optica 488 stylish and slim line arm has a long reach of 1m.

Innovative balanced-arm technology allows easy adjustment and precise positioning via six independent swivel joints. The Optica 488 arm has a minimum of 20,000 movement cycles.

Quality that is built to last

Optica 488 is a high quality and low maintenance magnifier luminaire. Optica 488 is 40% more efficient than conventional magnifiers, whilst maintaining high levels of illuminance using an LED light source.

The long LED life of up to 50,000 + hours saves on maintenance and downtime costs. This makes Optica highly economical to operate and is built to last for over 20 years of normal use.

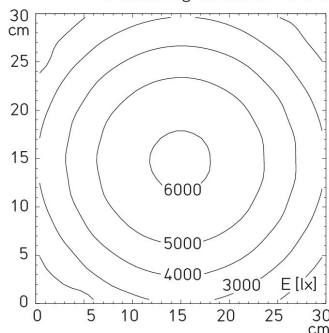
Models Available:

OPTICA-488D	Optica-488 LED desk clamp magnifier, 3.5+8 diop. lens, dimming & asymmetric illum.	Non 60601
OPTICA-488M	Optica-488 LED mobile magnifier, 3.5+8 diop. lens, dimming & asymmetric illum.	Non 60601
OPTICA-488W	Optica-488 LED wall mount magnifier, 3.5+8 diop. lens, dimming & asymmetric illum.	Non 60601

Technical Specifications:

Light Source	LED
No of LED's	48
No of Dipotres	3.5
Lens Diameter	160mm
LED Life	50,000 hours
Lux	6,000
Colour Rendition Index Ra	90
Dimming	10-100%
Power Consumption	< 14 watts
Weight	2.7kg
Reach	984mm
Mains Lead	3.4m

measuring distance 15 cm



Light distribution 14 W

$$E_m = 4002 \text{ lx}$$

$$E_{\text{max}} = 6141 \text{ lx}$$



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