

Optica™

LED Magnifiers and Woods Lights



Optica MDV



Large Magnification

The large magnifier diameter of 157mm combined with 1.9x (3.5dpt) magnification allows the user to focus on fine details through a large scale view.

Optimal Colour Rendering Properties

6,500°K LEDs ensure less shadow formation and optimal colour rendering.

Optional Woods Light

Optica comes with a medical device approved magnifier as standard, and there is an optional UV Woods light. The Woods light is ideal for dermatology and veterinary use.

Precise Colour Display

The exceptional R_a of >93 accurately displays the high quality of white light and the R_g value >90 describes how accurately the user can differentiate between red tissues.

CRI $R_a >93$
 $R_g >90$
 $R_{13} >95$





 **APPROVED**
MEDICAL DEVICE



Flexible Positioning

Reinforced friction joints and an aluminium spring balanced arm allows a broad reach of up to 142cm without the lamp head drifting. This allows smooth handling for users to examine typically harder to reach places with ease.



The Optica is the only LED magnifier on the market which can be ceiling mounted.

Woods Light



Accurate Diagnosis

The Woods light uses UV to pick up on skin conditions that may be missed using a standard LED light.

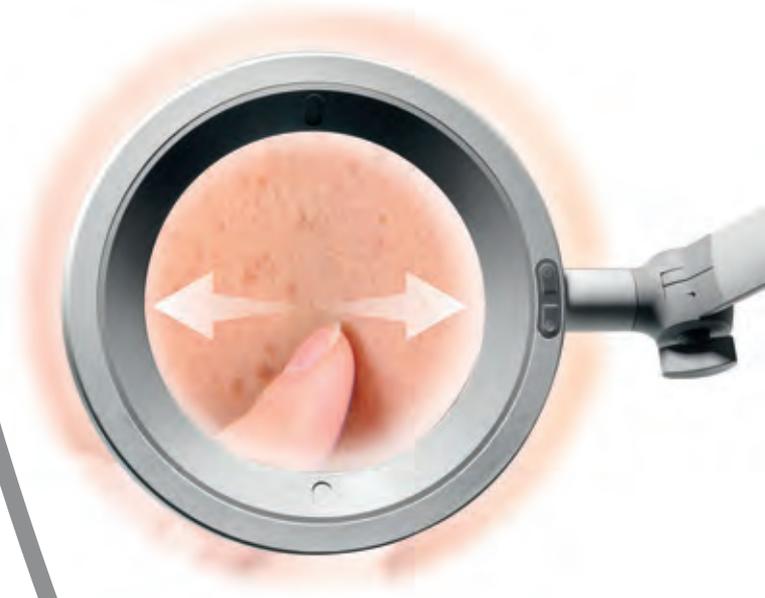
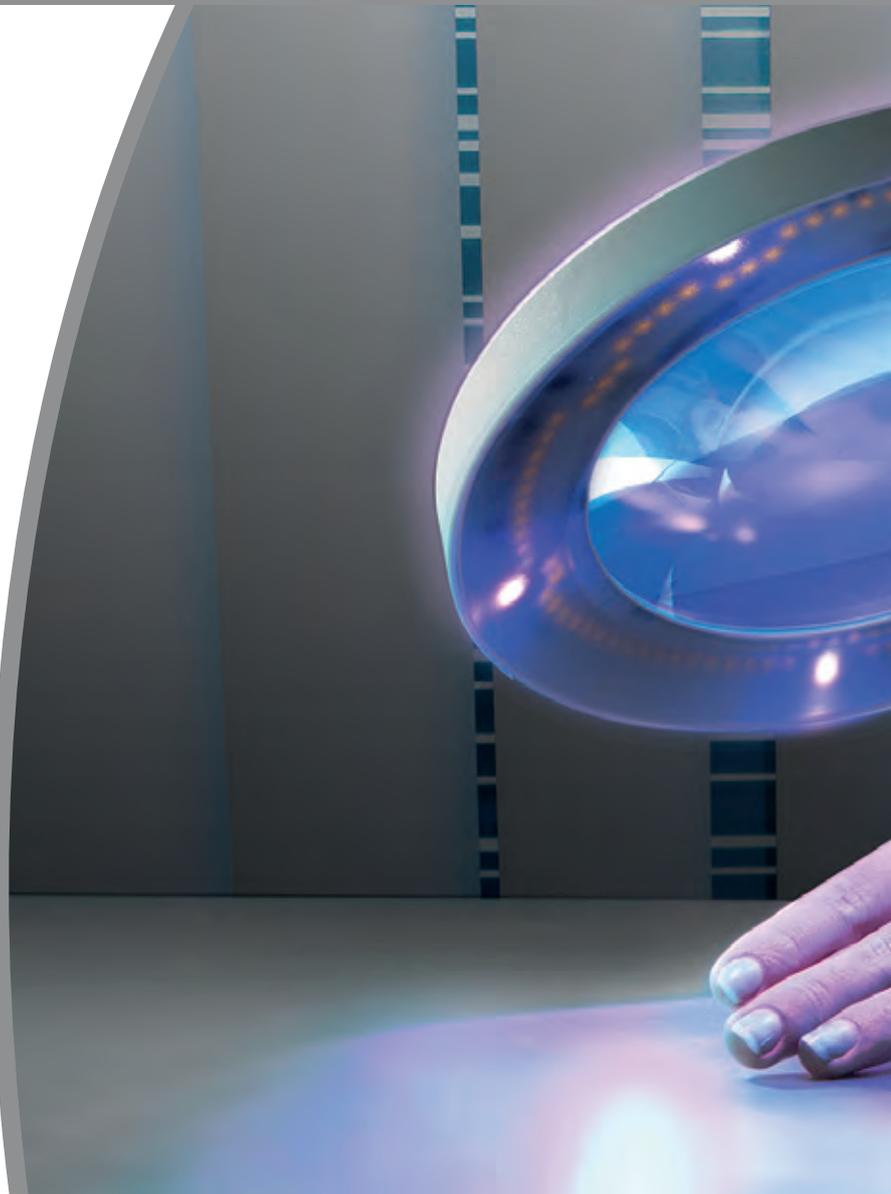
Visible Results

Other Woods lights require the room to be completely darkened to use, yet due to powerful BLB LEDs within the WDS light, it can function without this.

Approved Medical Device

Optica is an approved medical device, which means that it can be used for a wide range of applications, including:

- Dermatology
- Human medicine
- Dentistry
- Veterinary medicine
- Monitoring sterilized products





Recommended for Skin Disease Diagnosis

Optica WDS can be used to diagnose a wide range of conditions such as;

- Favus
- Types of intertrigo
- Erythrasma



Dr. James Britton

BM BS, MRCP UK
Consultant Dermatologist,
Spire Hull and East Riding Hospital

“ Game changer... you want one for every room! ”



Optica Technical Data



Optica Lens Cover

- Durable lens cover protects the magnifier lens from any dust or potential scratches. Magnifiers can be a potential fire risk if left in direct sunlight, the Optica lens cover aims to reduce this risk.

Light Quality Characteristics

Light Intensity (Lux at 0.15m)	6,000
Lens Diameter	157mm
No. of dioptries	3.5
Magnification	1.9x
Colour Rendition Index R_a	>93
Colour Rendition Index R_{13}	>95
Colour Rendition (Red) R_9	>90
Colour Temperature daylight white	6,500°K

Part Number | Description

OPTICAMDVD	Optica LED desk mounted medical magnifier, dimmable with 157mm 3.5 dioptre lens
OPTICAMDVM	Optica LED mobile mounted medical magnifier, dimmable with 157mm 3.5 dioptre lens
OPTICAMDVR	Optica LED rail mounted medical magnifier, dimmable with 157mm 3.5 dioptre lens
OPTICAMDVW	Optica LED wall mounted medical magnifier, dimmable with 157mm 3.5 dioptre lens
OPTICAMDVT1C	Optica LED ceiling mount medical magnifier, dimmable with 157mm 3.5 dioptre lens
OPTICAWDSD	Optica LED Woods desk mounted medical magnifier, dimmable with 157mm 3.5 dioptre lens
OPTICAWDSM	Optica LED Woods mobile mounted medical magnifier, dimmable with 157mm 3.5 dioptre lens
OPTICAWDSR	Optica LED Woods rail mounted medical magnifier, dimmable with 157mm 3.5 dioptre lens
OPTICAWDSW	Optica LED Woods wall mounted medical magnifier, dimmable with 157mm 3.5 dioptre lens
OPTICAWDST1C	Optica LED Woods ceiling mount medical magnifier, dimmable with 157mm 3.5 dioptre lens

*Specifications may vary by +/-10%



Rail Mounted



Wall Mounted



Ceiling Mounted



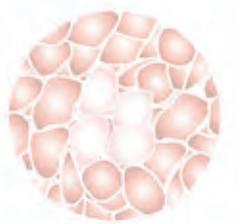
Mobile Base



Optica MDV LED Light



Optica WDS Light



LED light & dimming

Skin under daylight-simulating LED light



Wood light (365nm)

Accurate diagnosis: Skin changes appear differently under Wood light, such as favus, types of intertrigo or erythrasma

Diagnosis Indication	Colour Indication
ERYTHRASMA	Red fluorescence
MICROSPORIA	Weak green fluorescence
FAVUS	Bilious green fluorescence
TRICHOBACTERIOSIS AXILLARIS	Yellow ochre coloured fluorescence
PITYRIASYS VERISCOLOR	Yellow ochre coloured fluorescence
TUBEROUS SCHLEROSIS	Blue-white fluorescence versus normal skin
VITILIGO	Blue-white fluorescence of depigmented areas
SCABIES	Grey-white mite tracks



"For radiation of certain dermatomycoses to obtain diagnostic indications based on the fluorescence that occurs"



UK Customs
Approved Exporter
Status GB 16164/13





Optica can be added as a part of the Brandon Equipment Package.

Theatre Control Panels,
Medical IT (IPS) Power Supplies,
UPS Uninterruptable Power Supplies,
PACS Workstations,
Digital Audio Video Solutions,
Medical Gas Pendants and Accessories,
Ultra Clean Ventilation Canopies,
Operating Table and Accessories,
Operating Theatre Lights and Battery Back Up,
Minor Surgical Lights,
Examination Lights.

Brandon Medical Co Ltd, Elmfield Road, Morley, Leeds, LS27 0EL

T: +44 (0)845 1243 666 F: +44 (0)845 1243 667

T: +44 (0)113 2777 393 F: +44 (0)113 2728 844

E: enquiries@brandon-medical.com

www.brandon-medical.com