
HUGO LED Examination Light



The future looks good.


LIP MEDICAL
HEALTHCARE DESIGN

HUGO Examination Light.

www.lipmedical.com

One of the fundamental requirements for an examination lamp is an excellent light source which combined with a high quality arm system to allow easy positioning and use of the lamp.

The HUGO examination lamp has been designed with years of knowledge and with both of these at the forefront of the development.

The innovative design of the HUGO makes the lamp the perfect choice for clinicians.

**We are
LiP Medical**

Examination Light

HUGO Innovation

AESTHETICS

The HUGO lamp is constructed from a plastic moulded body with seamlessly integrated moulded handle. The ergonomic design allows easy positioning and use of the lamp with the illuminated power switch located above the handle for ease of use.

CONSTRUCTION

The lamphead is manufactured from an antimicrobial plastic moulded body and aluminium extruded arm system. The superior reach of the arm system allows for easy positioning and movement. Using a patented 'clutch' joint on the arm system which is preset in the factory eliminates the need for any user adjustment.

The low power LED light source does not require any ventilation slots meaning the lamphead can be sealed whilst maintaining its performance.

LED TECHNOLOGY

LED light sources inherently project far less heat than tungsten halogen dichroic alternatives and the LED light source for the HUGO has been specifically designed to minimise this even further. Any heat is drawn to the back of the lamp where it is dissipated through the heat sink. The plastic moulded body ensures the lamp remains cool to touch whilst the minimal projection of heat ensures comfortable environment for both patient and clinician.

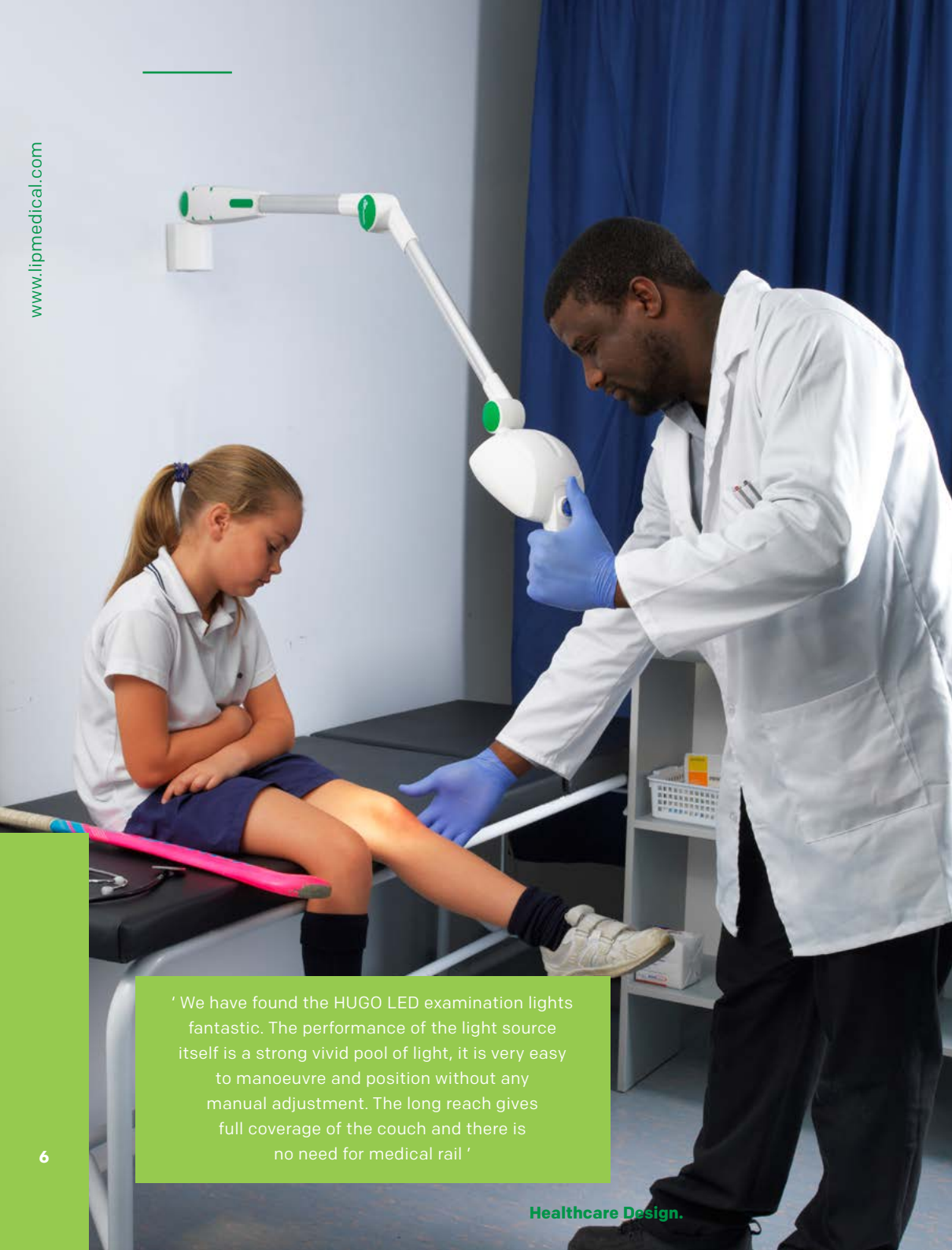
The LED light source has a life span in excess of 45 000 hours which is over 40 time more than tungsten halogen dichroic alternatives

HYGIENE & SAFETY

The antimicrobial additive is integrated into the plastic pellets prior to moulding. This leads to the plastic manufactured parts used on both the arm and lamphead having an inherent ability to inhibit bacterial growth on the surface, vastly enhancing the hygiene within the working environment.

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' We have found the HUGO LED examination lights fantastic. The performance of the light source itself is a strong vivid pool of light, it is very easy to manoeuvre and position without any manual adjustment. The long reach gives full coverage of the couch and there is no need for medical rail '

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HUGO Range



HLED-W

The wall light is supplied with a standard mounting bracket and can be supplied with either a 13A moulded plug or flying lead to be wired through the bracket into the wall.



HLED-D

The desk mount can be adjusted to suit different desks and provides a practical alternative to the standard mounting options.



HLED-R

The rail mount bracket can fit to either standard UK 30mm rail or 25mm Euro rail. It is easily adjustable thanks to a quick release handle.



HLED-C

The ceiling mounted offers 360° movement thanks to the innovative arm design. The standard ceiling mounts are provided to suit ceilings up to 3.1m although bespoke models are available where required.



HLED-P

The pole mount is designed to suit a $\varnothing 38\text{mm}$ pole as standard. A reducing bush can be provided for installation on a 25mm pole.



HLED-M

The mobile lamp is supplied with a 5 castor base for additional stability. The lockable castors ensure smooth movement and positioning.

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Examination Light

Technical Data

LEDs

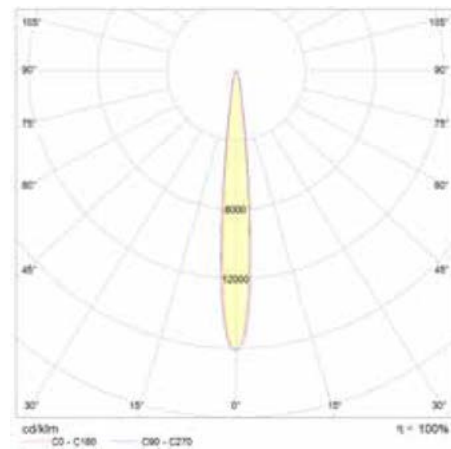
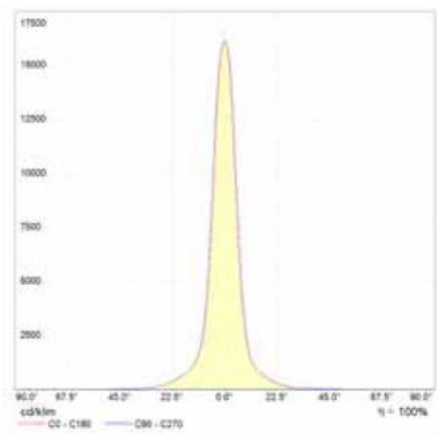
The high performance of LEDs provide intrinsic features which include long life, low power consumption, no infra-red. The benefits of this result in a cool light in the operating field with no replacement of the LED lamp required throughout the lifetime of the light.

A medical grade luminaire requires a specific colour spectrum and rendition to meet the IEC standards; the LED for the HUGO has been developed specifically by Vossloh-Schwabe (Germany) to meet these stringent criteria.

At a target distance of 500mm, a LUX output of greater than 50,000 is achieved.

The natural efficiency of the LEDs provide a maintenance free, reliable light source.

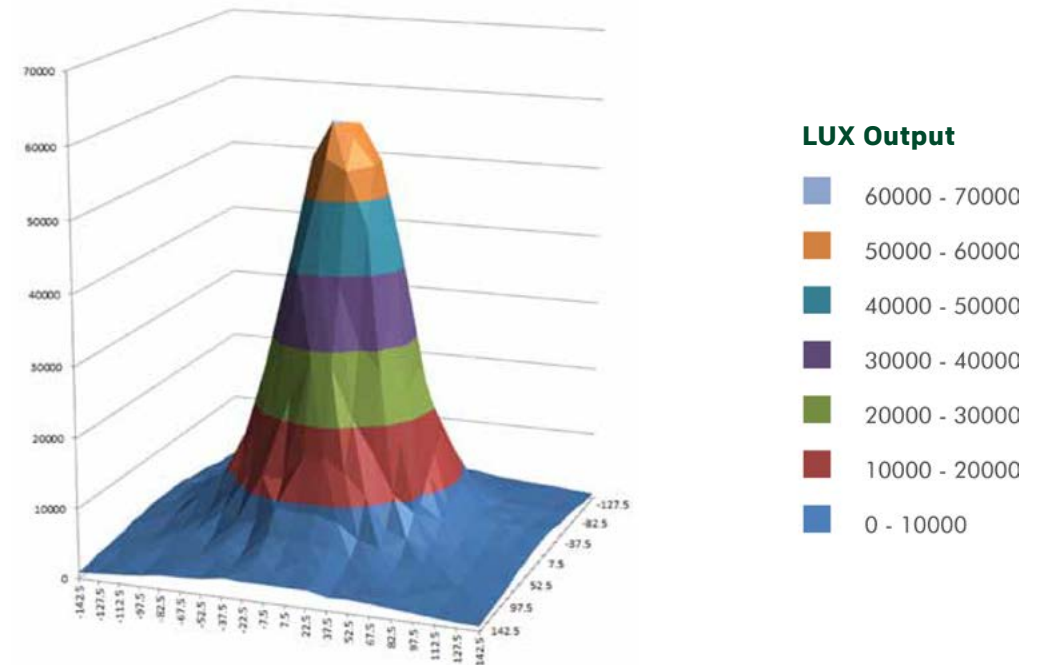
* Light data (Cone diagram, Cartesian diagram, Polar Curve) provided by: Vossloh-Schwabe Deutschland GmbH



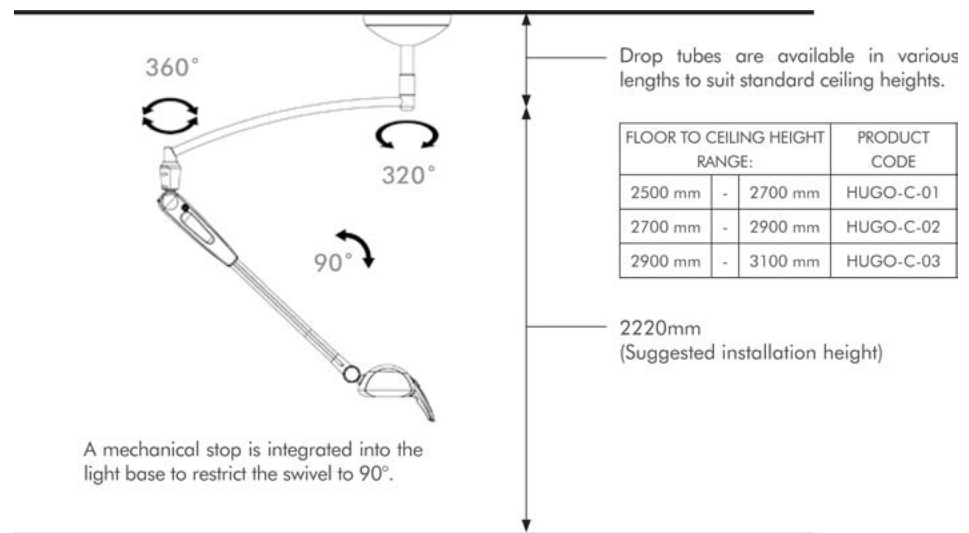
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Product Data

SPECIFICATIONS:	HLED-R	HLED-W	HLED-P	HLED-D	HLED-C	HLED-M
Light source:	5x LEDs	5x LEDs	5x LEDs	5x LEDs	5x LEDs	5x LEDs
Luminance Output:	≥50 000 Lux @ 500mm	≥50 000 Lux @ 500mm	≥50 000 Lux @ 500mm	≥50 000 Lux @ 500mm	≥50 000 Lux @ 500mm	≥50 000 Lux @ 500mm
Supply Voltage:	220-240V / 50-60Hz	220-240V / 50-60Hz	220-240V / 50-60Hz	220-240V / 50-60Hz	220-240V / 50-60Hz	220-240V / 50-60Hz
Output:	12V DC / 12 Watt	12V DC / 12 Watt	12V DC / 12 Watt	12V DC / 12 Watt	12V DC / 12 Watt	12V DC / 12 Watt
Light field @ 500 mm:	Ø 150mm	Ø 150mm	Ø 150mm	Ø 150mm	Ø 150mm	Ø 150mm
Colour Temperature:	4500 K	4500 K	4500 K	4500 K	4500 K	4500 K
LED Life-span:	>45 000 Hrs	>45 000 Hrs	>45 000 Hrs	>45 000 Hrs	>45 000 Hrs	>45 000 Hrs
Colour Rendering Index: Ra	>85	>85	>85	>85	>85	>85
Switching:	Illuminated switch on lamphead	Illuminated switch on lamphead	Illuminated switch on lamphead	Illuminated switch on lamphead	Illuminated switch on lamphead	Illuminated switch on lamphead
Arm:	Aluminium: Natural Anodised	Aluminium: Natural Anodised	Aluminium: Natural Anodised	Aluminium: Natural Anodised	Aluminium: Natural Anodised	Aluminium: Natural Anodised
Product Weight (net):	2.3Kg	2Kg	2.4kg2	4Kg	7.5Kg	10.7Kg *Excl. Battery
Reach:	1200mm	1200mm	1200mm	1200mm	1540mm	847mm
Mounting Options:	Rail	Wall	Pole	Desk Clamp	Ceiling	Mobile
Warranty:	2 Years	2 Years	2 Years	2 Years	2 Years	2 Years

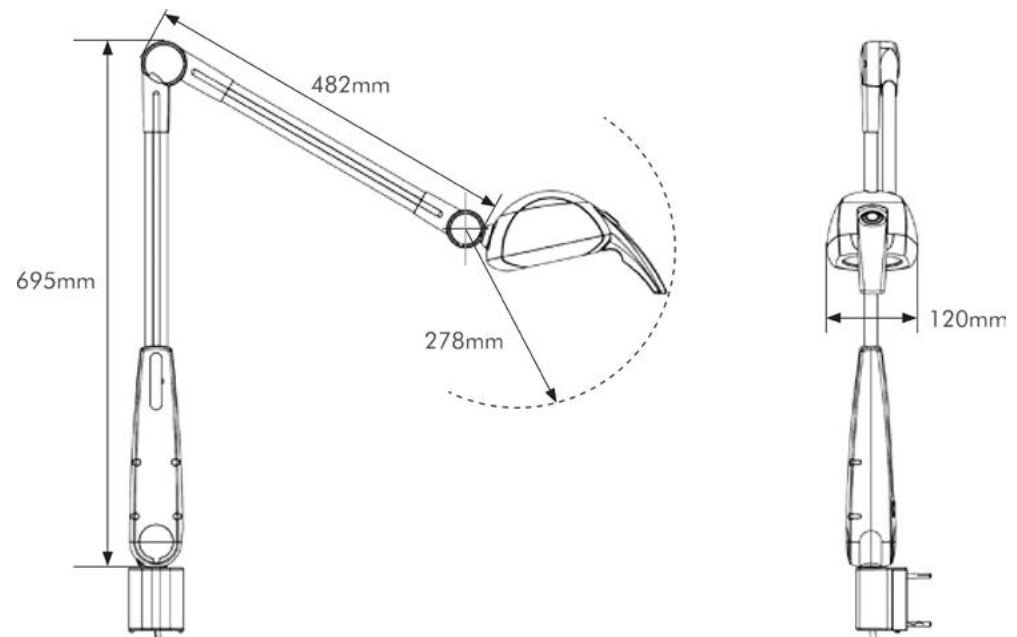


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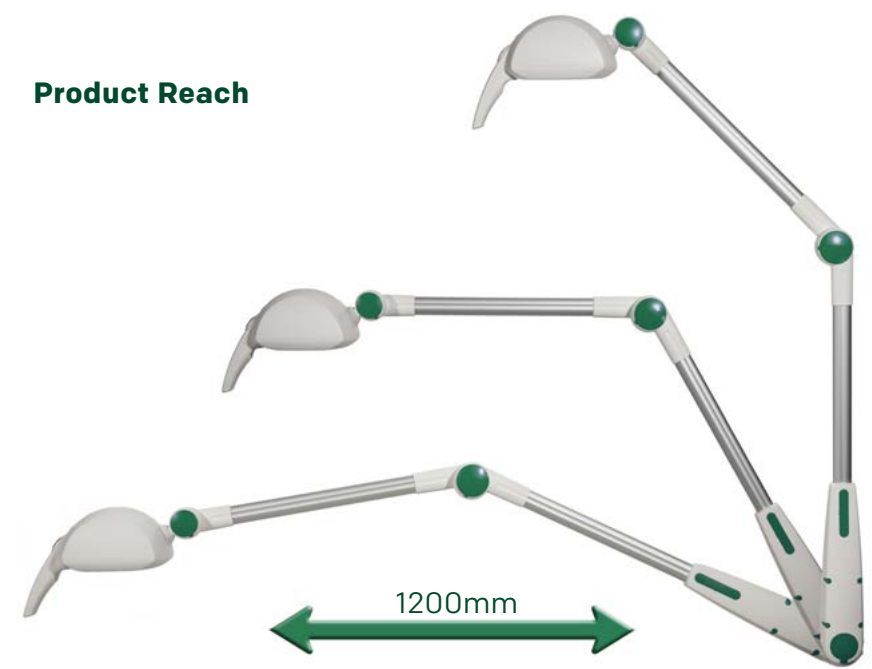


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General Dimensions



Product Reach



Professional Healthcare Design.

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