IRIS LED 10 C

Examination/Treatment Lamp

IRIS LED provides universal lighting for every treatment area. Its two-step dimmable capabilities provide you with an optimal view of patient tissues. LED technology provides exact color reproduction, maximum light and long LED life.



Removable screw-on handle

ROBUST AND RELIABLE

Built for long use

IRIS' LED design provides simple handling and easy maintenance. The optional handle supports ergonomic operation. Its LED technology and energy-efficient 16 W power, ensures surprisingly low energy consumption and long life.

Optimized design

The LED light head offers good light guidance due to its easy to use design. Its open ring shape ensures that heat is not collected in the head area.

Accurate color rendering

The physician can detect the finest color nuances in tissue with high color reproduction rates of Ra > 95. In addition, the 4300 K color temperature is easy on the eyes. It can reach a total light power of up tc 50,000 Lux @ 1M

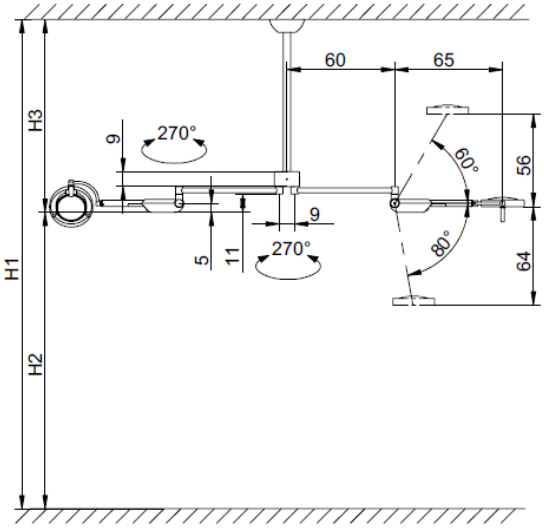


Special characteristics

- LED technology
- 50,000 Lux @ 1M (2 levels 60% / 100%)
- Light field dia. 17cm
- Accurate color rendering Ra > 95
- Color temperature 4300 K
- Fading and shadow-reduced
- Can be used anywhere
- Removable and sterilizable handle optional
- Energy-efficient at 16 W

TECHNICAL DATA	
LUMINANCE	50,000 LUX @ 1 M
LIGHT FIELD DIAMETER @ 1 M	17CM
COLOUR RENDERING INDEX	Ra = 95
COLOUR TEMPERATURE	4,300K
DEPTH OF ILLUMINATION (L1+L2)	1.47M
MAINS POWER IN	220-240V AC 50/60HZ
POWER CONSUMPTION	16 WATTS
ILLUMINATION LEVEL (2 STAGE ROCKER SWITCH)	60%/100%
CONSTRUCTION (LUMINAIRE BODY)	POLYCARBONATE & ABS
WEIGHT (NET)	13KGS
BALANCE OF ARTICULATED JOINTS	SPRING (WEIGHT COMPENSATION)
ELECTRICAL PROTECTION	CLASS 1
INGRESS PROTECTION	IP20
SAFETY STANDARDS	EN60601-1; EN60601-2-41

Technical Drawing



H1 Actual ceiling height (cm)	H2 Light height, horizontal arm (cm)*						
	150	160	170	180	190	200	210
200	■		●				
210		■		●			
220	▼		■		●		
230		▼		■		●	
240	◆		▼		■		●
250		◆		▼		■	
260	▲		◆		▼		■
270		▲		◆		▼	
280			▲		◆		▼
290				▲		◆	
300					▲		◆

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