

## CHROMOPHARE® E 550 E 520

## SURGICAL LIGHT

The powerful BRITe™ light  
with compact design

The new CHROMOPHARE® E 550 with BRITe™ halogen technology has a light intensity of 135,000 lux and a light head which is only 58 cm in diameter. The innovative, free-form polygon reflector generates a homogeneously illuminated light field that can be varied from 16 – 27 cm in size. Additionally the new BERCHTOLD CHROMOPHARE® E 550 offers excellent shadow control and outstanding depth of illumination. The E 550 is the light of choice for all situations requiring brilliant illumination where space is limited.

With a light intensity of 85,000 lux and a fixed light-field diameter of 20 cm, the CHROMOPHARE® E 520 is ideal as a supplementary light for major surgery and / or for medical examinations.

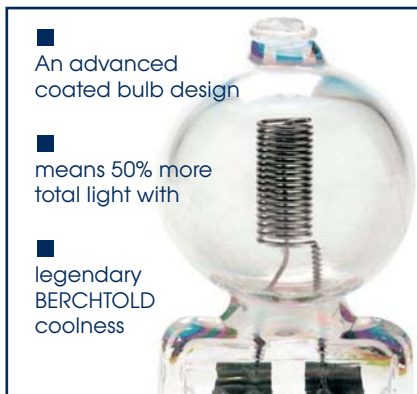


## Features

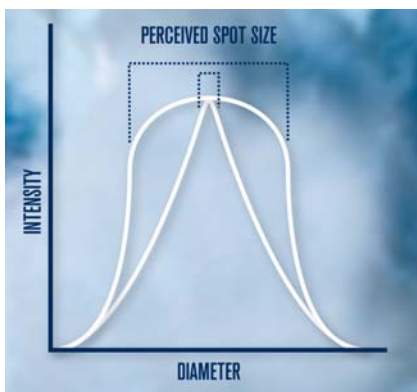
- Although compact in design (diameter: only 58 cm), the unit achieves a light intensity of 135,000 / 85,000 lux (E 550 / E 520)
- Maximum brilliance in a true-color light field with an adjustable diameter of up to 27 cm (E 550) or a fixed diameter of 20 cm (E 520).
- Optimized light intensity with a polygon optical system and uniform illumination throughout the light field
- EndoLite® – indirect lighting for minimally invasive procedures
- Highly configurable, allowing you to built the light sets around your OR
- Future proof, universally adaptable suspension system for easy integration and adaptation to future technologies

# BRITe™

TECHNOLOGY



Technical Data	E 550	E 520
<b>Diameter of light head</b>	58 cm	58 cm
<b>Intensity</b>	70 – 135.000 lux	85.000 lux
<b>Diameter of light field</b>	16 – 27 cm	20 cm
<b>Depth of field</b>	121 cm	138 cm
<b>Color temperature</b>	4.500 K	4.500 K
<b>Color rendering index</b>	94 (R <sub>a</sub> )	94 (R <sub>a</sub> )
<b>Bulb</b>	150 W BRITe™-Halogen	150 W BRITe™-Halogen
<b>Bulb life</b>	1.000 hours	1.000 hours
<b>Electrical</b>	100/120/127 V(AC) 220/230/240 V(AC)	100/120/127 V(AC) 220/230/240 V(AC)
<b>UL listed, CE</b>	yes	yes



Features	E 550	E 520
<b>Railing</b>	■	■
<b>Wall control box</b>	■ (optional)	
<b>EndoLite®</b>	■ (optional)	
<b>In-light camera</b>	■ (optional)	
<b>Reserve light with central positioning</b>	■ (optional)	
<b>Dual control</b>	■ (optional)	
<b>Communication interface</b>	■ (optional)	

The E 550 SO and E 520 SO models are available as mobile lights with integrated transformers. The E 550 is also available as a battery-operated light (E 550 SN) for mobile use independently of power mains.