

# ESALIGHT

## Operating light

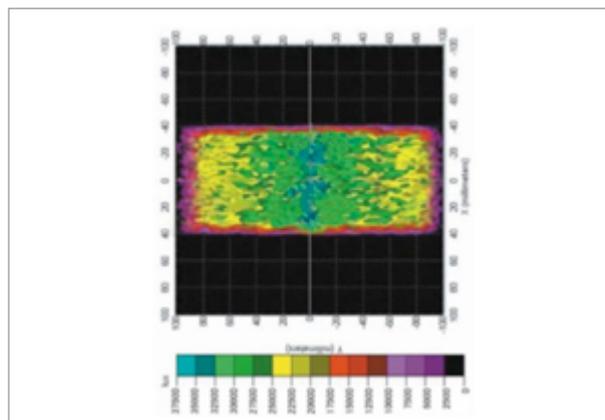
The stylish Esalight operating light delivers excellent illumination thanks to its original 6 separate LED illumination system. This light's perfect chromatic efficiency ensures clear white light throughout the field of illumination. Advanced technology eliminates the risk of overheating, even after eight hours continuous use, and ensures an LED life of around 50,000 hours. The projected light beam illuminates the entire oral cavity without dazzling the patient and therefore guarantees maximum comfort.



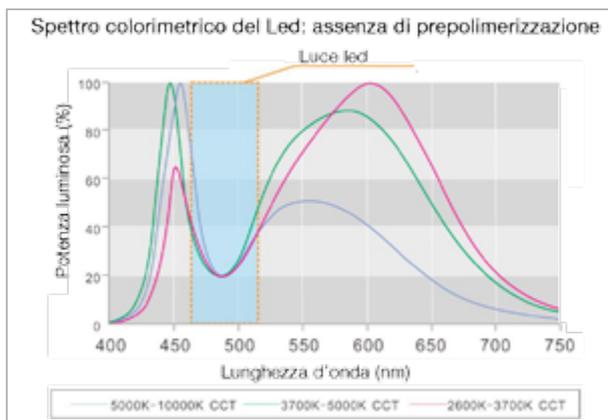
Operating light



Six separate LED lamps guarantee superb, focused illumination of the oral cavity. This light's perfect chromatic efficiency ensures clear white light throughout the field of illumination. Surveys have shown that efficient lighting improves comfort and productivity and reduces stress and fatigue.



The perfectly formed light beam illuminates a rectangular area of 80x165 mm at 70 cm from the light source. The centre of the work area is uniformly illuminated to 35,000 lux. This important feature guarantees excellent direct illumination of the oral cavity without dazzling the patient.



With Tecnomed Italia's Esalight, you no longer need to move or switch off your operating light when curing dental materials. Because LED light is free from wavelengths in the 450-550 nm range, this operating light has no curing effect on dental composites.



The Esalight operating light is fitted with a proximity sensor to provide on/off and intensity control up to 35,000 lux. It can therefore be controlled without contact for maximum hygiene. The same functions can also be activated by manual controls at the back of the lamp head.



The head rotates around three axes, permitting unrestricted movement and immediate positioning of the light beam.



The handles provide a convenient grip and ensure quick, easy and accurate aiming of the light beam. All surfaces of the Esalight operating light are easy to clean. The handles are also easy to remove and can be disinfected at 95°C.

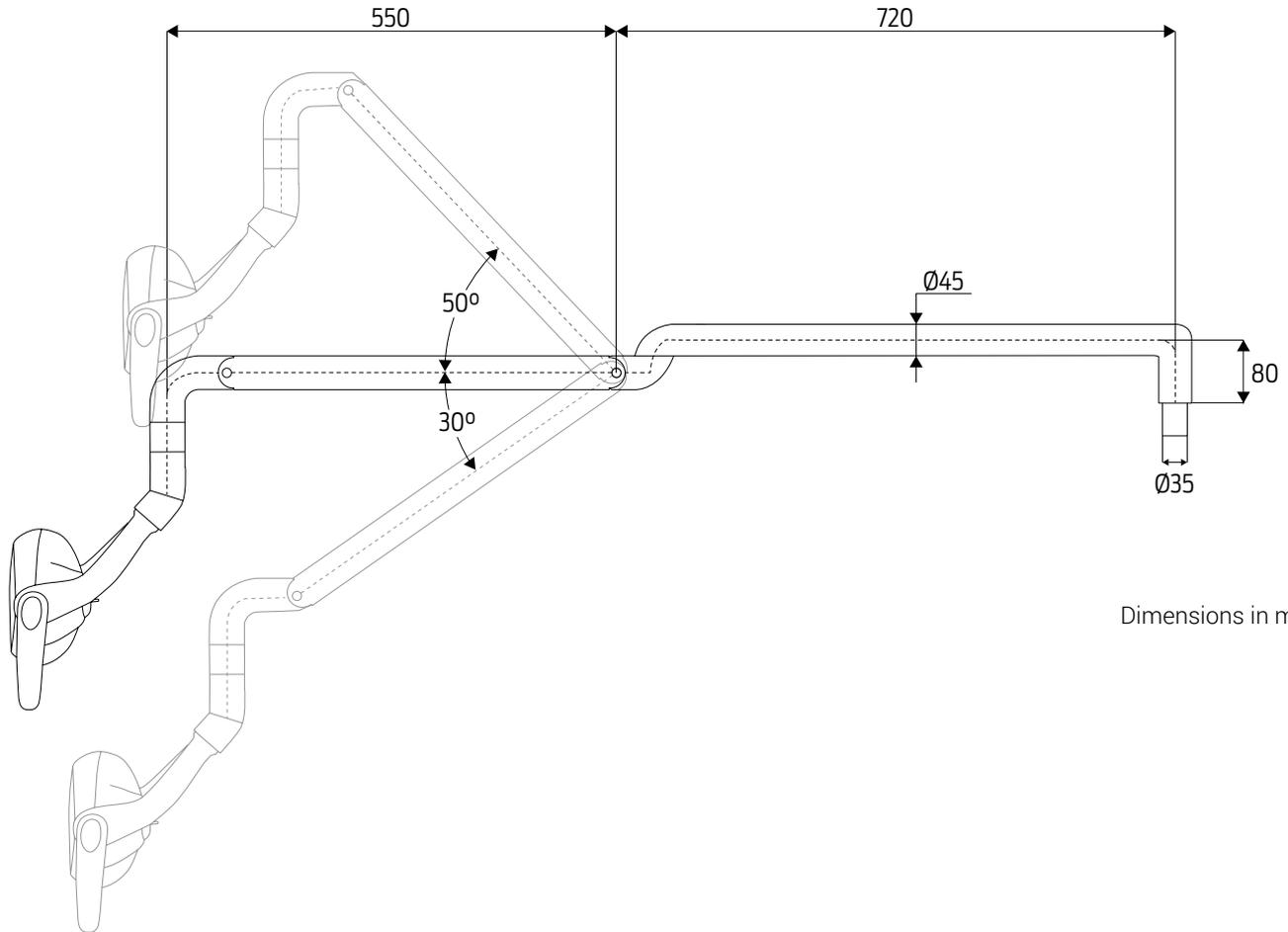
## Accessorize



The voltage adapter lets you run your Esalight operating light at 17-24 VAC.

**Product code for voltage adapter: DE6.1924**

## Dimensions



Dimensions in mm.

## Data sheet

Product code	Maximum intensity	Minimum intensity	Cri	Colour temperature	Color (ral)	Power supply	Power (W)	Ø of post mounting (mm)	Weight of lamp head (kg)	Weight of arm (kg)	Warranty (months)
DE6.20C	35.000	5.000	85	5000~6000°K	9003	12 VAC ±10% (17-24VAC with DE6.1924)	15	35	1,7	3,40	12

Operating light

# ALYA

## Operating light



The result of Faro's vast experience in dental lighting, the Alya operating light successfully combines advanced light sources with the excellent mechanical solutions typical of the global leader in dental illumination systems. The Alya is a true operating light for dental surgeons.

Its patented reflection system, of which Faro is rightly proud, delivers a genuine scialitic lighting effect and permits effective control over the LED lamps. The Alya represents one of the most sophisticated operating lights on the market today. Patients experience no dazzling even at the highest light intensity. Reflected light causes only a 2°C rise in temperature in the oral cavity, ensuring maximum patient comfort.



Perfectly balanced parts and easy head rotation guarantee maximum precision in aiming the light beam and reduce the risk of accidentally dazzling the patient.

A three axis, multi-joint system gives intuitive control over the direction of the light beam.



The exclusive design of the optical reflector, with 258 tiny reflective surfaces on each of the two dishes, prevents direct eye contact with the two LED light sources and creates a totally uniform illuminated field of 180x90mm.

Accurate beam focusing eliminates glare and protects your patients' eyes.



Colour temperature remains constant at all intensities thanks to a sophisticated, electronic light control system. Advanced electronics also eliminate strobing. The handles can be detached for disinfection in an autoclave at up to 135°C.

## Data sheet

<b>Order code</b>	<b>DE6.18</b>
Maximum intensity	50.000 lux
Field of illumination	90 x 180 mm
Power supply voltage	17-24 VAC
Power	20 Watt
Warranty	24 months

# EDI

## Operating light



The Edi is another attractive and ergonomic operating light from Faro, the global leaders in dental illumination. The halogen light source is diffused by two parabolic glass reflectors at the rear of the head that generate a scialitic effect, shadow-free light. Maximum patient comfort is guaranteed as the light does not dazzle even at the highest intensity. An overhead arm mounting guarantees superbly smooth movements. A range of accessories is available for floor standing, post mounted, wall mounted and ceiling mounted installations.



The Edi operating light is mounted on two articulated overhead arms that ensure easy aiming of the light beam and smooth, precise movements.



The halogen light source is diffused by two parabolic glass reflectors at the rear of the head that generate shadow-free light with a well defined luminous spot.



Light intensity is adjusted by means of a slider at the rear of the head. The on/off switch is also located on the head.

## Data sheet

<b>Order code</b>	<b>DE6.17</b>
Maximum intensity	25.000 lux
Field of illumination	60 x 180 mm
Power supply voltage	17 VAC
Power	35 Watt
Warranty	12 months

# Comparative data sheet for operating lights

Model	Esalight 	Alya 	Edi 
Order code	DE6.20C	DE6.18	DE6.17
Light source	LED	LED	Halogen
Maximum intensity (lux)	35.000	50.000	25.000
Minimum intensity (lux)	5.000	3.000	8.000
CRI	85	95	92
Intensity control	Manual / Sensor	Manual	Manual
3-axis rotation	•	•	
Colour temperature (°K)	5.000~6.000	5.000	5.000
Field of illumination (hxl mm)	80 x 165	90 x 180	60 x 180
Cooling fan			•
Colour (ral)	9003	9010	9010
Mounting	35 mm post mounting	35 mm post mounting	35 mm post mounting
Power supply (VAC)	12 (17-24 with DE6.1924)	17-24	17
Power (W)	15	20	95
CE	•	•	•
Warranty (months)	12	24	12