

AMICO ICE 30M

ABOUT

The **Amico iCE30m** LED surgical light is engineered with precision and features superior shadow control and light intensity. The adjustable color temperatures allow for precise tissue differentiation. Each lighthead has a CRI of 97 and an R9 greater than 90. The sleek profile and integrated airflow enhancements, make movement effortless. Prioritizing patient safety, the iCE30m features exceptional infection control features to prevent the spread of bacteria. The iCE surgical lighting system is upgradeable and customizable with multiple light heads, HD cameras, and monitors.

FEATURES

Effortless maintenance

Adjustable light pattern

Touch-sensitive handle

Light controls on both light head and wall panels

Endo lighting feature for minimally Multi-color LEDs between 3500K and 5000K with a maximum brightness of 160,000 lux



SPECIFICATIONS

PERFORMANCE

Lighthouse Diameter: 30 in (76 cm)
Light Intensity: 160,000 lux (14,879 fc)
Brightness Control: 50-100%
Light Field Diameter: 7.6 – 12 in (19 – 31 cm)
Depth of Illumination: 16.8 in (42.7 cm) (at 60%)
Color Rendering Index: 972 Ra
R9: >90
R13: >972
Color Temperature: 3500k / 4000k / 4500k / 5000k

SHADOW DILUTION

Single Mask: % 63
Double Mask: % 52
Cavity: % 99
Single Mask with Cavity: % 61
Double Mask with Cavity: % 50

GENERAL

Number of LEDs (main): 80
Number of Other LEDs: 320
LED Service Life: L70>60,000 hours
Total Radiant Power at Max Intensity: 515 W/m²
Total Radiant Power at Max Intensity: W/m² 415.3
Power Consumption at Lighthouse: 50 w @ 24 VDC
Electricity (VAC): Universal VAC
Emergency Bypass: Yes
Mounting Options: Ceiling / Wall / Mobile Stand
Certificates: TUV, FDA