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## Axia iCE 30 LED Surgical Lighting System

Newest LED technology to the Operating Room. Designed for superior shadow control, increased depth of field and light intensity. They have a CRI of 95 and an R9 greater than 90, allowing surgeons to easily differentiate between tissues. The 4500K color temperature provides a crisp white light, without the color-fringing or color-shifting properties of multicolor LED's, providing natural color to ensure that the surgical field remains clearly illuminated.



### Features:

- 30" (76cm) diameter
  - 80 LEDs
  - 160,000 lux
  - 7.6"-12" (19-31) light pattern
  - Easy to Clean
  - Thin and Lightweight
  - Upgradeable and customizable
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### Specifications and Listings

Performance	Units	160,000
Lighthead Diameter:	in (cm)	30(76)
Light Intensity (Central Luminance):	lx (fc)	160,000(14,870)
Brightness Control:	%	5-100
Light Field Diameter:	in (cm)	7.6-12 (19-31) <sup>1</sup>
Depth of Illumination (LI+L2) at 60%:	in (cm)	27.25-48(69-122)
Depth of Illumination (LI+L2) at 20%:	in (cm)	42(107)
Color Rendering Index (Ra):		95 <sup>2</sup>
R9:		>90
R13:		97 <sup>2</sup>
Color Temperature (Standard):	K	4,500 <sup>3</sup>
Shadow Dilution:		
Single Mask:	%	44
Double Mask:	%	41
Cavity:	%	97
Single Mask with Cavity:	%	41
Double Mask with Cavity:	%	40
Number of LED's (main):		80
Number of Other LED's:		320
LED Service Life:	hours	50,000
Total Radiant Power at Max Intensity:	W/m <sup>2</sup>	415.3
Power Consumption at Lighthead:	w @ 24 VDC	200
Electricity (VAC):		Universal VAC
Emergency Bypass:		Yes
Mounting Options:		Ceiling, Wall
Certificates:		ETL, FDA

All tests conducted per 60601-2-41 standard

<sup>1</sup>LFD has a tolerance of 5%

<sup>2</sup>CRI has a tolerance of 2.5%

<sup>3</sup>CCT has a tolerance of 15%