

Qe6030DSC

Quasar eLite® DSC Configuration



Features of the Qe6030DSC

- Uses Brandon Medical's Duo structure with a full 360° rotation at each joint.
- Uses SC Single Cardanic lamp head support arm.
- Equipped with Qe60 and Qe30 lamp head.
- Both lamp heads provide 160,000 lux of cool shadow less light.
- Supplied with adjustable stem as part of the package price.
- Supplied with a single 150W PSU as part of package price.

(Can add optional second PSU for fully IEC60601 compliant installation).



Technical Specification

		Main (Qe60)	Satellite (Qe30)
General	Mark of Conformity	CE	
	Medical Device Classification	I	
	Number of Light Sources (LED Bulb)	90	39
	Type of Light Source	HD-LED®	
	LED Life	>60,000 Hours	
	Removable Sterile Handle	Yes	
Electrical	Electrical Classification	I	
	Power Supply Type	ZE150H-1SR	
	Power Supply (Primary Side 230V)	100-240 VAC 50/60Hz 2.1A	
	Power Input (Primary Side @ 230V)	0.4A/0.1KVA Max	
	Nominal Power Consumption	2.07A/48W	1.7A/41W
	MCB Rating (Primary Side 230V)	10A Type C	
	MCB Rating (Secondary Side 24V)	6A Type C	
	Inrush Current (Primary Side)	20A Max	
	Safety Compliance	IEC60601	
	EU Conformance (CE)	93/42/EEC	
	Voltage Stabilisation (Electronic)	Yes	
	Permissible ambient temperature range during operation	0 - 40°C	
Degree of Protection: Light Head	IP54		
Photometric	Maximum Light Intensity (Ec)	160,000 Lux	160,000 Lux
	Light Field Diameter (d10 Distance of 1m) Fat Beam Technology	200-420mm	140-310mm
	Light Field Diameter (d50 Distance of 1m) Fat Beam Technology	120-250mm	70-155mm
	Comfort Halo (@ 1m)	2000mm	N/A
	Beam Uniformity d50/d10 Ratio	0.6	0.5
	Nominal Working Distance	1m	1m
	Working range from/to (without refocusing)	-	-
	Colour rendering index Ra (CRI) (R1-R8)]	95	95
	Colour Rendering of Saturated Red R9	95	95
	Adjustable Colour Temperature Range 5 Steps (° Kelvin)	3100-4600	3700-5000
	Electronically Dimmable Range	5-100%	
	Endoscopy Setting	5%	
	Depth of Illumination (Without Refocusing) L1/L2 @60%	700mm	-
	Depth of Illumination (Without Refocusing) L1/L2 @20%	1300mm	500mm
	Radiant Energy	<3.31mW/m².Lux	
	Infrared Content	0	
	Temperature Increase In Surgeons Head Area	<1°C	
Luminous efficacy	58 lm/W	-	
Mechanical	Weight of Lamp Head	10.9Kg	4.5Kg
	Diameter of Lamp Head	630mm	480mm
	Total Weight	115KG (MAX)	
	Anti-microbial Surfaces	Yes	Yes
	Rotation About Central Axis	360°	
	Rotation about End of Horizontal Arm	360°	
	Lamp Head Roll Rotation	170° max	N/A
	Lamp Head Pitch rotation	230° max	290° max
	Height Adjustment Up from Horizontal	45° max	45° max
	Height Adjustment Down from Horizontal	50° max	50° max