



Technical Data: Flex^eLux Major Surgical Lights

	Units	Flex ^e Lux 160	Flex ^e Lux 130 +	Flex ^e Lux 130
Photometrical Data:				
Central Illumination Ec 1m	[lx]	160,000	160,000	130,000
Electronic Dimming Range	[lx]	40,000-160,000	40,000-160,000	40,000-130,000
Light Field Diameter d10 at a Distance of 1m	[mm] <i>(in)</i>	[170-300] (6.7 – 11.8)	[170-300] (6.7 – 11.8)	[150-280] (5.9 – 11.0)
Electronic Field Adjustment		yes	yes	yes
Color Temperature	[K]	4,900	4,900	4,900
Color Rendering Index	Ra (1-8)	96	96	96
Red Rendering Index	R9	96	96	96
Depth of Light Field L1+L2 20%	[mm] <i>(in)</i>	[900] (35.4)	[1000] (39.4)	[1000] (39.4)
Power Consumption with 24 V	[W]	42	35	35
Life Time of Light Source	[h]	> 50,000	> 50,000	> 50,000
Classification According MDD		I	I	I
Protection Class According IEC 60601		I	I	I
Suspension Protection Class	IP	IP 30	IP 30	IP 30
Light Housing Protection Class	IP	IP 42	IP 42	IP 42
Mechanical Data:				
Operating Range	[mm] <i>(in)</i>	[1,750] (68.9)	[1,750] (68.9)	[1,750] (68.9)
Adjustment of the Spring Arm	[mm] <i>(in)</i>	[1,178] (46.4)	[1,178] (46.4)	[1,178] (46.4)
Approx. Weight of a Standard Ceiling Tube	[kg] <i>(lbs)</i>	[10.5] (23.2)	[10.5] (23.2)	[10.5] (23.2)
Approx. Weight of the Light Head	[kg] <i>(lbs)</i>	[18] (37.9)	[14] (30.9)	[14] (30.9)
Thickness of the Light Head	[mm] <i>(in)</i>	[55] (2.2)	[55] (2.2)	[55] (2.2)
Measurement Light Head	[mm] <i>(in)</i>	[679 x 708] (26 3/4)	[586 x 597] (23)	[586 x 597] (23)