

Technical Specifications



	X8	X6	H8	H6	H5 PLUS	H5
Max. illuminance at a distance of 1 m (in lux)	160,000	150,000	155,000	145,000	130,000	85,000
Light field diameter, d10 (in cm)	20 – 32	19 – 30	17 – 30	16 – 29	15 – 28	16 – 26
Color temperature in Kelvin (K)	4,300	4,300	4,300	4,300	4,300	4,300
Color rendering index CRI	95	95	93	93	93	93
Luminous efficacy in lumen per watt (lm/W)	291	291	285	285	285	285
Average radiant energy: total radiant power/illuminance (mW/m ² x lx)	3.4	3.4	3.5	3.5	3.5	3.5
Working range (illumination depth) without refocusing, L1/L2 (in cm)	45/90	45/65	45/90	45/65	45/65	45/65
Illuminance guaranteed by standby lamp (in %)	100%	100%	100%	100%	100%	100%
Automatic changeover to standby lamp (2nd light source)	yes	yes	yes	yes	yes	yes
Nominal output, light source 1 (in W)	70	70	150 IRC*	150 IRC*	150	120
Nominal output, light source 2 (in W)	150 IRC*	150 IRC*	150 IRC*	150 IRC*	150	120
Lamp life, discharge/halogen lamp (in h)	5,000/600 – 1,000	5,000/600 – 1,000	600 – 1,000	600 – 1,000	600 – 1,000	600 – 1,000
Light emission surface (in cm ²)	max. 3512	1963	max. 3512	1963	1963	1963
Light head diameter (in cm)	82	65	82	65	65	65
Shadow dilution with tube and 1 mask	57%	37%	57%	32%	32%	32%
Shadow dilution with tube and 2 masks	51%	41%	51%	41%	41%	41%
Handling	sterile/ non-sterile	sterile/ non-sterile	sterile/ non-sterile	sterile/ non-sterile	sterile/ non-sterile	sterile/ non-sterile
Continuously adjustable light field diameter	yes	yes	yes	yes	yes	yes
Continuously adjustable illuminance	yes	yes	yes	yes	yes (optional)	yes (optional)