

8330-8331 Circus

DESIGN: ALEKSANDER BOGENHOV / FORMEL INDUSTRIDESIGN

Circus is eminently suitable for demanding work in beauty parlours, clinics and laboratories or for people with impaired vision. Circus has a large $\varnothing 165\text{mm}$ lens and patented spring balanced arm and highly flexible neck joint which can be positioned horizontally, vertically and laterally.



TECHNICAL INFORMATION 8330-8331 CIRCUS

Circus is the most advanced illuminated magnifier ever designed. It utilizes the latest lamp technology using a high intensity 22W circular T5 tube with very good colour rendering capacity. The tube is operated by high frequency ballast there by eliminating flicker and prolonging lamp life. Circus has a "free floating" lens of $\varnothing 165\text{mm}$ giving a large field of view with a very narrow frame around it. The substantial lens permits comfortable viewing with both eyes. A circular light source is the ideal way of illuminating an object, virtually eliminating shadows.

Carefully calculated reflector optics gives a very high light intensity at focal distance.

The fully covered spring balanced arm makes it easy to position the luminaire in the correct position and makes cleaning easy. A hinged lens cover is standard. It protects the lens from dust and prevents the lens from causing damage if left in direct sunlight. 2 swing away attachment lenses of 4 and 6 dioptré are available. Additional lenses swing out from lens cover when needed. The clean design fits any interior.

ARTICLE NUMBER	PRIMARY LENS	COLOUR	LIGHT SOURCE	WATTAGE	SOCKET	ARM LENGTH	KG
8330-122-1	3.5D	White/Blue	FSCH	1x22	2Gx13	1000	3.6
8330-122-2	3.5D	White/Grey	FSCH	1x22	2Gx13	1000	3.6
8330-122-3	3.5D	Grey/Grey	FSCH	1x22	2Gx13	1000	3.6
8331-122-1	5D	White/Blue	FSCH	1x22	2Gx13	1000	3.8
8331-122-2	5D	White/Grey	FSCH	1x22	2Gx13	1000	3.8
8331-122-3	5D	Grey/Grey	FSCH	1x22	2Gx13	1000	3.8

ARTICLE NUMBER	ACCESSORIES
06-969-016-00	Replacement lamp
8970-001	Attachment lens CIRCUS 4D
8970-002	Attachment lens CIRCUS 6D
8990-011-1	C-bracket. Surface mounted table bracket
8990-014-0	TE-bracket. Table bushing
8990-028-1	Trolley in white

DIOPTERS			TOTAL MAGNIFICATION		FOCAL LENGTH (MM)	LUX AT FOCAL LENGTH	LENS SIZE (MM)	
PRIMARY LENS	ATTACHMENT LENS	TOTAL	X	%			PRIMARY LENS	ATTACHMENT LENS
3,5		3,5	1,88	188%	286	3 500	$\varnothing 165$	
3,5	4	7,5	2,88	288%	133	8 650	$\varnothing 165$	$\varnothing 49$
3,5	6	9,5	3,38	338%	105	8 720	$\varnothing 165$	$\varnothing 49$
5		5	2,25	225%	200	3 500	$\varnothing 165$	
5	4	9	3,25	325%	111	8 850	$\varnothing 165$	$\varnothing 49$
5	6	11	3,75	375%	91	8 420	$\varnothing 165$	$\varnothing 49$

