

MACH LED 300DF Ceiling mounted

Data sheet no. 59000557 / A01



FEATURES

Merging of light fields	F
Duo-Focus technology	DF
Light intensity control	
Comfortable display and key-pad	
ON/OFF switch	

Technical specifications

Light intensity, Lux	130.000
Colour rendering index R_a at 4500 Kelvin	95
Colour rendering index R_9 at 4500 Kelvin	≥ 90
Focusable lightfield size	17-28 cm
Colour temperature	4500 K
Photometric radiation equivalent at 100.000 Lux	370 W/m ²
Increase in temperature near head	0,5° C
Number of LED's	36
Life span of LED's	> 40.000 hours
Working distance	60-150 cm
Light intensity control (standard)	50% - 100%
Diameter of lamp head	55 cm

MACH LED 300DF Ceiling mounted

Data sheet no. 59000557 / A01

Electrical specifications

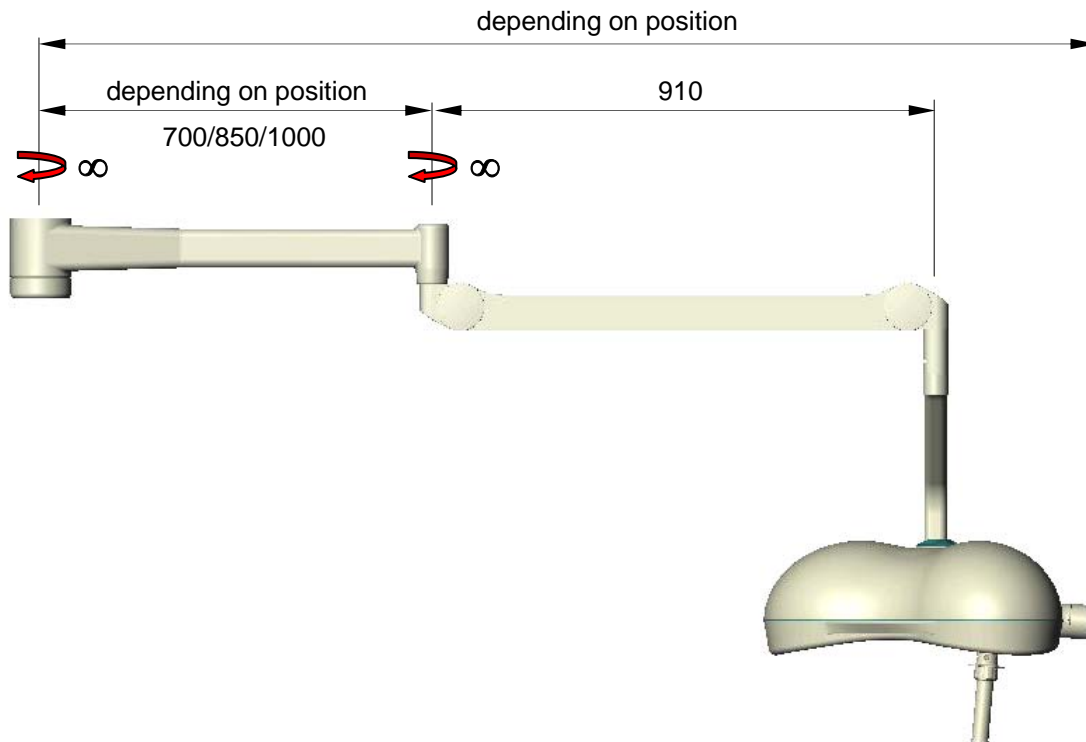
Rated voltage	24 V – 28 V DC
Total power consumption	54 W
Standard	IEC 60601-1
Protection class	I.
Protection type of the lamp head	IP 42
Protection type of the suspension arms	IP 30

Mechanical specifications

360° continuous rotation around all major joints	
Adjustable brakes at the horizontal arm	
Height adjustment	1180 mm
Min. roomheight	
Single lamp head	2800 mm
Depending on the lamp combination	
Passing height	approx. 2000 mm
Detachable handle, sterilisable at 134° C	

Weights

Light head	14 kg
Light head incl. carrier system	
Single light, room height 3 meters	31 kg
Light combination LED 300 + LED 300, room height 3 meters	80 kg



Subject to technical modification

11.12.2012

Dr. Mach