

# MACH LED 130 Dental / Dental P Ceiling mounted

Data sheet no. 59000587 / A05



## FEATURES

Electronic light intensity control

Examination-light-mode

Composite-mode

LED 130 Dental /  
LED 130 Dental P

LED 130 Dental

LED 130 Dental P

## Technical Data

Technical data LED 130 Dental light system	LED 130 Dental		LED 130 Dental P	
	Dental mode	Exam. light mode	Dental mode	Composite mode
Light intensity Lux	40.000 / 0,7 meters	65.000 / 0,7 meters	40.000 / 0,7 meters	65.000 / 0,7 meters
Colour rendering index $R_a^{(1)}$ at 4500 Kelvin	95	95	95	N.A. (2)
Colour rendering index $R_9$ at 4500 Kelvin	94	94	94	N.A. (2)

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Light field size (in cm)	13 x 8 (oval)	12	13 x 8 (oval)	12
Colour temperature (Kelvin)	4500 K	4500 K	4500 K	N.A. <sup>(2)</sup>
Electronic light intensity control at the light head	50-100%		50-100%	
Temperature increase in the head area	0,5 °C		0,5 °C	
Total power consumption	16 W	20 W	16 W	20 W
Number of LED's	7	12	7	12
Life-span of the LED's	60.000 h		60.000 h	
Light head diameter (in cm)	33		33	

<sup>(1)</sup> Ra is an average of R1 = burnt pink, R2 = mustard yellow, R3 = yellow green, R4 = light green  
R5 = turquoise blue, R6 = skyviolet, R7 = violet, R8 = lilac. Maximum value = 100.

<sup>(2)</sup> Not applicable

**Remark:**

The technical data are subject to fluctuations. Due to manufacturing reasons the real values can slightly differ from the data mentioned above.

The values for Ra can differ with approx ± 5%.

The values for the colour temperature can differ with approx ± 200K.

## Electrical specifications

	Mach LED 130 Dental	Mach LED 130 Dental P
Operating voltage DC	24 V DC	24 V DC
Current	1,2 A	1,2 A

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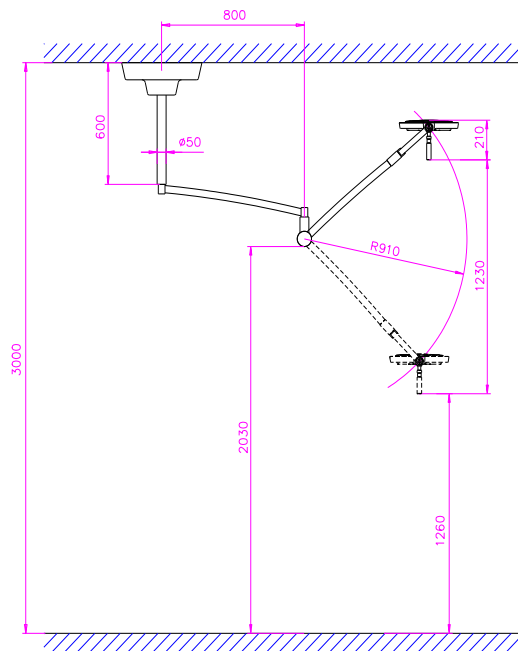
Electrical Protection class	I.
Medical device classification (according to 93/42/EEC Annex IX)	I.
Protection type of the lamp head as per IEC 60529	IP 42
Protection type of the suspension arms as per IEC 60529	IP 20
Protection and approval in accordance with EU directive 93/42/EEC Annex IX	

## Mechanical specifications

360° continuous rotation around all major joints	
Adjustable brakes at the horizontal arm (combinations only)	
Height adjustment	1230 mm
Min. roomheight	
Single lamp head	
Depending on the lamp combination	
Passing height	approx. 2000 mm
Detachable handle, sterilisable at 134° C	

## Weight

Lamp head only	2,4 kg
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Subject to technical modification

27.01.2020