

DENTAL SHADOWLESS 654 dimmable /E/



Shadowless dental luminaire

Description

Dentist's working space requires special shadowless illumination that allows to distinguish all shades of dental materials. DENTAL SHADOWLESS luminaire series makes it possible due to the large light output area , special prismatic diffuser and LEDs with CRI> 90. The lamp modification CRI index depends on the used lamps.

Installation

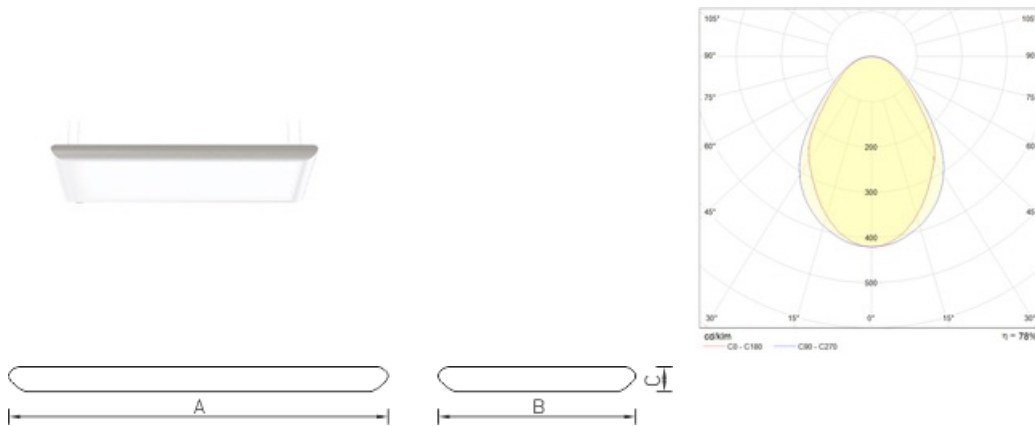
Mounted on the included suspensions that allow adjustment of the luminaire height. The standard suspension height is 1.2 m.

Design

Housing made of extruded aluminum painted with matte powder paint. Lamp version maintenance is provided via top cover of the luminaire. Power supply (driver) is installed inside the luminaire. Dimming version is optionally available (changing of light output from 0 to 100% via remote). The housing has IP40 level and disinfectants (30% hydrogen peroxide) and UV protection. The luminaire is equipped with a wire suspension set and a remote.

Optical part

Lamp version of the luminaire is equipped with high efficient aluminum reflector (MIRO® 5 mark).LED version of the luminaire is equipped with LEDs with high CRI >90. Special installation of LEDs provides uniform illumination of the luminaire diffuser surface.Both versions are equipped with PMMA diffuser that provides uniform and shadowless lighting



Dimensional characteristics

A	Length	1241 mm
B	Width	674 mm
C	Height	105 mm
D	Length (mounting)	1000 mm
E	Width (mounting)	565 mm
	Weight	15 kg

Technical features

1	Article no.	1997022670
2	Light source	FL
3	Luminous flux	4450 lm
4	Power compatibility	324 W
5	Energy efficiency	64 lm/W
6	Color rendering index (CRI)	-
7	Color temperature	-
8	Power factor (cosFI)	> 0,95
9	Alternating/direct current (AC/DC)	No
10	Dimming	-
11	Rated voltage	230 V
12	Electrical shock protection	I
13	Electromagnetic compatibility (EMC)	Yes
14	Climate application	Clm App4
15	Ambient temperature	+5 to +35 C
16	Housing color	Silver
17	Fire protection class	-
18	Flickering	<5%
19	Ingress protection (IP)	IP40
20	Mechanical shock protection	IK02/0,2 J
21	Energy efficiency class	A...A+
22	Inrush current	-
23	Inrush current impulse time	0 µs
24	Emergency power supply unit	No
25	Beam angle	-
26	Warranty	36 months
27	Autonomy in emergency mode	-
28	Light flux in emergency mode	-