



Candela



LED panels for treatment rooms

CANDELA recessed LED panels are ideal for equipping your treatment room at an affordable price while taking advantage of the latest Degré K technologies.

Qualité de fabrication

1. Made in France
2. Meets all medical lighting standards
3. IP44 : dustproof, insect-proof, spray-proof...
4. LED Guaranteed 5 years

degré°K

Candela D65

The certified D65 LED panel

CANDELA D65 is probably the best in its class. Its D65 spectrum gives you unequalled comfort on a daily basis and its BLUE CONTROL technology protects your eyes at all times. CANDELA D65 benefits from all the technological refinements and the quality of manufacture Degré K.



Spectrum D65 certified

Naturally excellent

CANDELA D65 is certified as compliant with the D65 illuminant of the International Commission on Illumination: its technology reproduces perfectly the visible spectrum of natural light.

Visual acuity is maximum and color recognition is perfect, eliminating all the many risks of error whether during the diagnosis, the choice of color or the surgical procedure.



Secure LEDs BLUE CONTROL

A poor quality LED ceiling light can generate a peak of harmful blue light for your eyesight and your chronobiological cycle, increasing the risk of AMD and cataracts.

But thanks to the Blue Control technology integrated into the CANDELA D65, exposure to toxic blues is minimized and your body is permanently protected. Another advantage: there is no unwanted acceleration of the light-curing process.

Installation

Ideally by 4

For optimal and uniform lighting in the treatment room, CANDELA D65 luminaires are made up of a set of 4 panels connected to each other. A single version also exists for the make-up area and for dental technicians who want suitable lighting for their workstation, or to be mounted in groups of 4 on the surface in treatment rooms when recessed installation is not possible.



Daily comfort

Designed to provide optimal working comfort, CANDELA D65 luminaires undoubtedly offer one of the most pleasant experiences in terms of LED panel lighting.

- **Soft light:** CANDELA D65 has microprismatic diffusers, which send light in all directions. This optical technology provides soft, eye-pleasing lighting without glare.
- **permanent light therapy :** the lighting of the CANDELA D65 ensures the proper functioning of your internal clock throughout the day, guaranteeing your mental comfort. More than a care tool, your slabs are a vector of well-being in their own right.



Connected luminaire

Enjoying natural light every day is great, adapting its intensity in the blink of an eye is even better. Because we all have our personal sensitivity to light, CANDELA D65.R is equipped with a smartphone application that allows you to control it simply, even by the standard switch.

- **Dimmer function :** regulate the light intensity of your luminaire in one gesture.
- **Custom Settings:** : Set and save your default settings and specific programs.

3 versions

Candela D65.4 : quadruple dalle LED (on/off)

Candela D65.4R : quadruple dalle LED rég. connected

Candela D65.1 : single dalle LED



Candela **N50.4**

The first price LED panel in full safety

The CANDELA N50 recessed panels provide uniform and constant lighting in a treatment room with very good color rendering. This entry-level product is ideal for equipping a treatment room at an affordable price while taking advantage of the latest Degré K technology

Secure LEDs BLUE CONTROL

LED lighting can generate a peak of blue light that is harmful to your vision, increasing the risk of AMD and cataracts. Blue Control technology is exclusive to Degré K. Built into CANDELA N50 LED panels, it minimizes exposure to toxic blue light. Your eyes are always protected. Another advantage: there is no undesirable acceleration of the photo-polymerization process.

Continuous spectrum with very good color rendering

Its light spectrum at 5000K mimics the color of light in the middle of the day. This spectrum offers excellent color rendering, up to 2.5 times better than fluorescent tube lighting.



Specifically designed **for dental practice**

CANDELA N50.4 luminaires are made up of a set of 4 high quality LED panels: Degré K has specifically designed these LED panels to be installed and used together, connected to a single switch, in order to provide optimal lighting to a treatment room from 9 to 15 m².

Installation Ideally by4

Of completely standard size, these 4 LED tiles are designed to be able to be quickly installed in any false ceiling and to ensure the normative quantity of light in the treatment room.

Candela	D65.4.R	D65.4	D65.4.1	N50.4
Photobiological safety	total	total	total	yes
Daily comfort	high	high	high	good
Regul. & Connected	yes	no	no	no
illuminant D65 de la CIE*	yes	yes	yes	no
UGR moyen	<16	<16	<16	<19
consommation (W)	max 240	240	60	139
driver LED	1	1	1	4
module de commande	1	-	-	-
sources (garantie 5 ans)	complex LEDs	complex LEDs	complex LEDs	biphosphorus LEDs
luminance 80° / 40° : cd/m²	965 / 2925	965 / 2925	965 / 2925	2720 / 3775
flux lumineux (lumen)	12000	12000	3000	13600
température de couleur	D65 (6500K)	D65 (6500K)	D65 (6500K)	5000K
indice protection (IP)	44	44	44	44
hauteur de plafond	2,4 to 2,7m	2,4 to 2,7m	N/A	2,4 to 2,7m
surface de la salle de soin	9 to 15 m²	9 to 15 m²	N/A	9 to 15 m²
dimensions(mm) weight (kg)	4x (595*595*10.5 3.5)	4x (595*595*10.5 3.5)	595*595*10.5 3.5	4x (595*595*10.5 3.5)

Technical data measured in an ISO 17025 EN IEC accredited measurement laboratory • Made in France ISO 9001/2000 • European standards EN NF 12464-1 (professional lighting) & EN62471 (photobiological safety) • Certified according to the D65 illuminant defined by the CIE (BS950-1/D65 CIE D6500 visible part of emitted light 430nm-650nm)

Accessories D65.1: Suspension ropes | projecting frame



degré°K

fiat LUX*

* que la lumière soit