

# RADIAL FLOOR

Unobtrusive design, intelligent technology and premium-quality materials at a maximum height of 1.90 metres: RADIAL FLOOR is an attractive addition to any workplace and anyone using this lamp next to their workspace will feel the benefits of its lighting quality. The VITACORE® touch panel becomes visible only when needed and personalised lighting sequences are easy to programme, which makes the sleek design of RADIAL FLOOR a great addition to any office.

RADIAL FLOOR can be individually programmed via intelligent VITACORE® electronics.

The brightness and colour of the light can be adjusted intuitively and with a high degree of accuracy simply by placing a finger on the touch panel. With only very low power consumption, CREE high-power LEDs generate illuminosity levels of up to 1,000 lux at the desktop from a height of 75 cm. Two LEDs each generate cold white (bluish) or warm white (reddish) light.

Through their joint operation a wide spectrum from 2,700 to 6,500 Kelvin is reached, which covers virtually the entire bandwidth of the natural spectrum of light. The free VITACORE® app turns LUCTRA® into a flexible lighting tool: it allows setting of a 24-hour lighting sequence, which automatically varies the colour and intensity of light and therefore simulates the natural lighting sequence through the course of the day. In exceptional situations, when you need bright daylight really fast, the boost function will provide maximum light intensity for a short period.

Another advantage: two integrated USB charging ports enable smartphones and tablet PCs to be charged directly on the lamp.



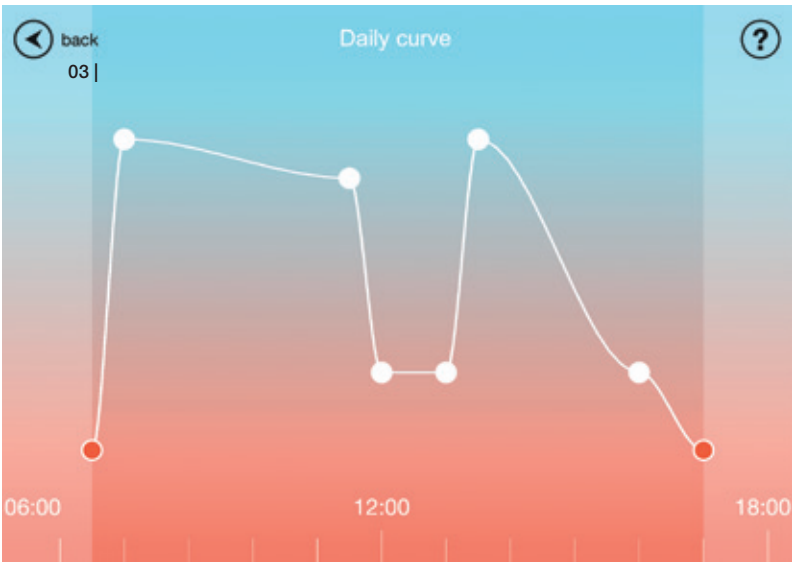
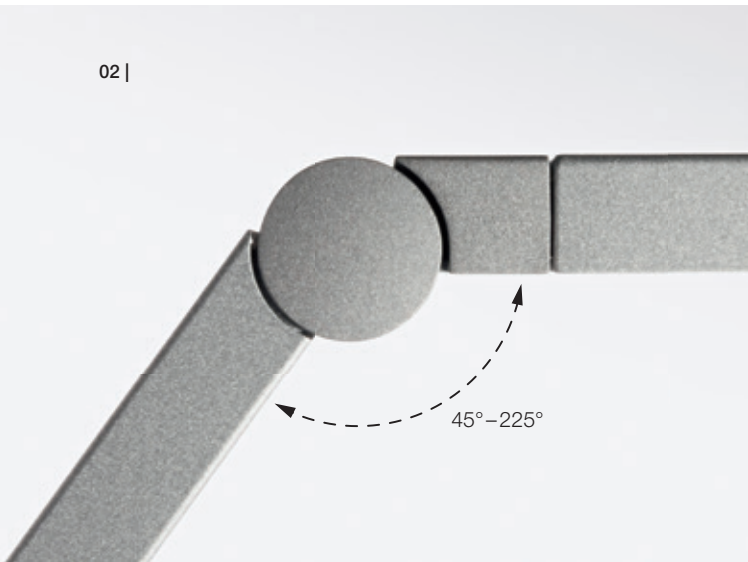
# RADIAL FLOOR FEATURES

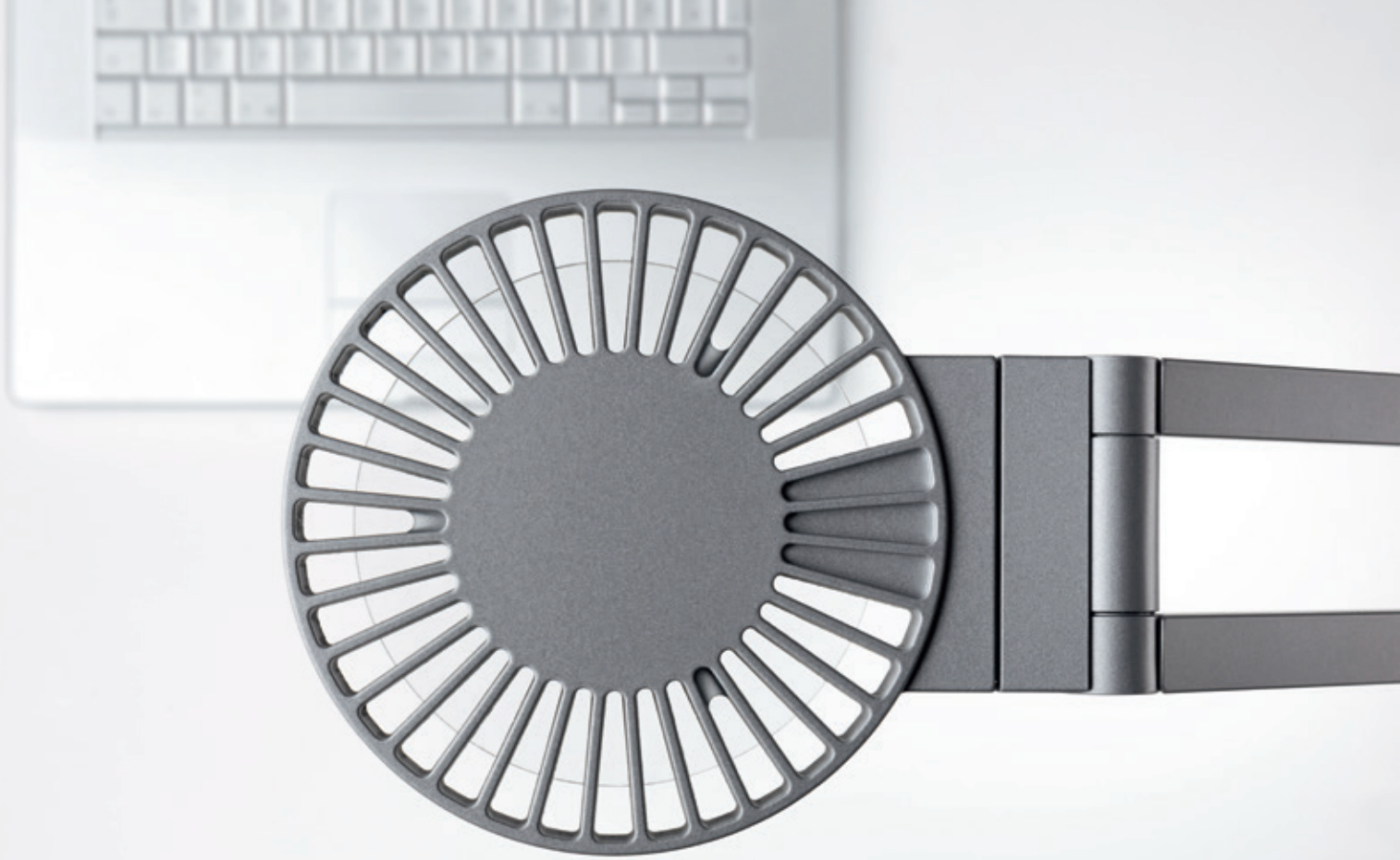
01 |



- 01 | Colour temperature adjustable from 2,700 to 6,500 Kelvin, boost function for short-term maximum activation, USB charging feature for smartphones and tablets
- 02 | Self-locking joints
- 03 | Adjustment of colour temperature to personal daily rhythm with VITACORE® app
- 04 | Perfect temperature management for a long service life of well over 50,000 hours for LEDs
- 05 | Two warm-white and two cold-white CREE high-power LEDs, high light illuminance of 1,000 lux at a height of 110 cm above the table surface, narrow tolerance binnings for high colour fidelity, high colour rendition with CRI  $\geq 85$

02 |





04 |



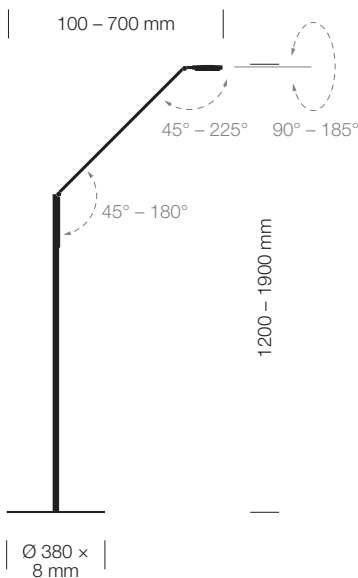
05 |





RADIAL FLOOR	
Product #	9236
Colours	01 black   02 white   23 aluminium
Dimensions	Height: 1.200 mm – 1.900 mm
	Radius: 100 mm – 700 mm
	Lamp base (Ø): 380 mm × 8 mm
Material	Aluminium, zinc, steel (lamp base), glass, plastic
Weight	11 kg
Energy efficiency	A++*
Protection type	IP 20
Protection class	III ⚡
Illuminants	
LEDs	2 cold white & 2 warm white LEDs (CREE)
Power consumption	10,5 W**
Luminous flux of luminaire:	neutral white 680 lm*   Boost 900 lm**
Light intensity	neutral white 566 cd*   Boost 746 cd**
Light intensity	1,000 lux at a height of 110 cm
Luminous efficiency	neutral white 73 lm/W*   Boost 75 lm/W**
Colour temperature (CCT)	2.700 K <-----> 6.500 K
Colour reproduction index	≥ 85
Operating temperature on lamp head	≤ 40°C at 25°C ambient temperature
Burning life	over 50,000 hours
Standby consumption	≤ 0,5 W
Nominal voltage	12 V DC
Protection class	II ☐
VITACORE®	
Operation	via VITACORE® electronics or app
Light strength setting	stepless up to 1,000 lux
Setting of light colour	stepless between 2,700 and 6,500 Kelvin
Boost function	for maximal cold white lighting at 1,000 lux
USB charging ports	2 ports
Touch panel	made of glass
Power supply unit	
Desktop power supply	Europlug & BS 1363 (British 3-pin) plug
AC cable length	1,2 m
DC cable length	1,8 m

\*with warm white and cold white LEDs switched on, touch panel switched off, USB charging ports not being used  
 \*\*with cold white LEDs switched on to 100%, touch panel switched off, USB charging ports not being used



LIGHT INTENSITY DISTRIBUTION

