## 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.

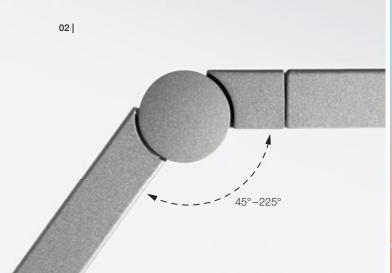
Another advantage: two integrated USB charging ports enable smartphones and tablet PCs to be charged directly on the lamp.

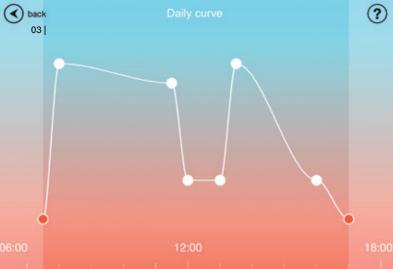


## RADIAL **FLOOR** FEATURES



- 01 | 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 highpower 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 ≥ 85







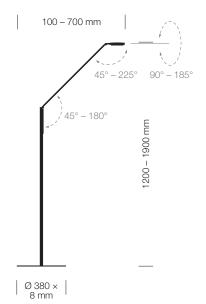




Discrete	Product #	9236		
Radius   Lamp base (O):   380 mm x 8 mm	Colours	01 black   02 white   23 aluminium		
Lamp base (0): 380 mm x 8 mm	Dimensions	Height:	1.200 mm – 1.900 mm	
Material         Aluminium, zinc. steel (temp base), glass, plastic           Weight         11 kg           Energy efficiency         A++*           Protection type         IP 20           Protection class         III ◆           Illuminants         III ◆           LEDS         2 cold white 8,2 warm white LEDs (CREE)           Power consumption         10,5 W**           Luminous flix of luminaire:         neutral white 880 Im*   Boost 900 Im**           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 Im/W*   Boost 75 Im/W*           Colour temperature (CCT)         2.700 K <> 6.500 K           Colour 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 II           VITACORE®         Via VITACORE® electronics or app           Vight strength setting         stepless up to 1,000 lux           Setting of light colour         stepless put between 2,700 and 6,500 Kelvin           Boost function         for maximal cold white lighting at		Radius:	100 mm-700 mm	
Velight		Lamp base (Ø):	380 mm×8 mm	
Energy efficiency	Material	Aluminium, zinc, steel (lamp base), glass, plastic		
Protection type   IP 20  Protection class   III	Weight	11 kg		
Protection class	Energy efficiency	A+	A++*	
LEDs   2 cold white 8.2 warm white LEDs (CREE)	Protection type	IP 20		
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 steting steppers 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	Protection class	III 🐠		
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 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 sterilog stepless between 2,700 and 6,500 Kelvin 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	Illuminants			
Luminous flux of luminaire:  Light intensity  Light intensity  Light intensity  Light intensity  Light intensity  Luminous efficiency  Luminous efficiency  Colour temperature (CCT)  Colour temperature (CCT)  Colour reproduction index  ≥ 85  Operating temperature on lamp head  Standby consumption  Standby consumption  Nominal voltage  Protection class  II ■  VITACORE®  Operation  Light strength setting  Setting of light colour  Setting of light colour  Boost function  Setharging ports  Touch panel  Power supply unit  Desktop power supply  Europlug & BS 1363 (British 3-pin) plug  AC cable length	LEDs	2 cold white & 2 warm white LEDs (CREE)		
Light intensity  Light intensity  Light intensity  Light intensity  Luminous efficiency  Luminous efficiency  Colour temperature (CCT)  2.700 K <> 6.500 K  Colour reproduction index  ≥ 85  Operating temperature on lamp head  Standby consumption  Standby consumption  VITACORE®  Operation  Uitage  Vitacore  Operation  Light strength setting  Setting of light colour  Boost function  for maximal cold white lighting at 1,000 lux  USB charging ports  Touch panel  Power supply unit  Desktop power supply  Europlug & BS 1363 (British 3-pin) plug  AC cable length	Power consumption	10,5 W**		
Light intensity  1,000 lux at a height of 110 cm  Luminous efficiency  2,700 K <> 6,500 K  Colour temperature (CCT)  2,700 K <> 6,500 K  Colour reproduction index  ≥ 85  Operating temperature on lamp head  Surring life  Over 50,000 hours  Standby consumption  Standby consumption  Standby consumption  Standby consumption  VITACORE®  Operation  Via VITACORE® electronics or app  Light strength setting  Steting of light colour  Boost function  Stepless between 2,700 and 6,500 Kelvin  Boost function  USB charging ports  Touch panel  Power supply unit  Desktop power supply  Europlug & BS 1363 (British 3-pin) plug  AC cable length  1,2 m	Luminous flux of luminaire:	neutral white 680 In	neutral white 680 lm*   Boost 900 lm**	
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  Surning life  Over 50,000 hours  Standby consumption  Standby consumption  Nominal voltage  Protection class  II □  VITACORE®  Operation  Via VITACORE® electronics or app  Light strength setting  Stepless up to 1,000 lux  Setting of light colour  Boost function  Stepless between 2,700 and 6,500 Kelvin  Boost function  USB charging ports  Touch panel  Power supply unit  Desktop power supply  Europlug & BS 1363 (British 3-pin) plug  AC cable length	Light intensity	neutral white 566 cd*   Boost 746 cd**		
Colour temperature (CCT)  2.700 K <> 6.500 K  Colour reproduction index  ≥ 85  Operating temperature on lamp head  Surning life  over 50,000 hours  Standby consumption  ≥ 0,5 W  Nominal voltage  Protection class  II □  VITACORE®  Operation  Ught strength setting  Setting of light colour  Setting of light colour  Boost function  Touch panel  Power supply unit  Desktop power supply  Europlug & BS 1363 (British 3-pin) plug  AC cable length	Light intensity	1,000 lux at a height of 110 cm		
Colour reproduction index  ≥ 85  Operating temperature on lamp head  Surning life  Over 50,000 hours  Standby consumption  Standby consumption  ≥ 0,5 W  Nominal voltage  Protection class  II □  VITACORE®  Operation  Via VITACORE® electronics or app  Light strength setting  Setting of light colour  Setting of light colour  Boost function  For maximal cold white lighting at 1,000 lux  USB charging ports  2 ports  Touch panel  Power supply unit  Desktop power supply  Europlug & BS 1363 (British 3-pin) plug  AC cable length  1,2 m	Luminous efficiency	neutral white 73 lm/W*   Boost 75 lm/W**		
Operating temperature on lamp head  Surning life  Over 50,000 hours  Standby consumption  St	Colour temperature (CCT)	2.700 K <> 6.500 K		
Burning life over 50,000 hours  Standby consumption ≤ 0,5 W  Nominal voltage 12 V DC  Protection class III   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  AC cable length 1,2 m	Colour reproduction index	≥ 85		
Standby consumption ≤ 0,5 W   Nominal voltage 12 V DC   Protection class II ■   VITACORE® 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 Europlug & BS 1363 (British 3-pin) plug   AC cable length 1,2 m	Operating temperature on lamp head	≤ 40°C at 25°C ambient temperature		
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  AC cable length 1,2 m	Burning life	over 50,000 hours		
Protection class  VITACORE®  Operation  Via VITACORE® electronics or app  Light strength setting  Setting of light colour  Setting of light colour  Boost function  USB charging ports  Touch panel  Desktop power supply unit  Desktop power supply  AC cable length  II  Via VITACORE® electronics or app  Via VITACORE® electronics or app  Stepless up to 1,000 lux  Stepless between 2,700 and 6,500 Kelvin  for maximal cold white lighting at 1,000 lux  2 ports  Touch panel  made of glass  Power supply unit  Desktop power supply  Europlug & BS 1363 (British 3-pin) plug  AC cable length	Standby consumption	≤ 0,5 W		
VITACORE® Operation Via VITACORE® electronics or app Light strength setting Setting of light colour Setting of light colour Setting of light colour Stepless between 2,700 and 6,500 Kelvin 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	Nominal voltage	12 V DC		
Operation  Via VITACORE® electronics or app  Light strength setting  Stepless up to 1,000 lux  Setting of light colour  Boost function  USB charging ports  Touch panel  Power supply unit  Desktop power supply  AC cable length  Via VITACORE® electronics or app  stepless up to 1,000 lux  Stepless between 2,700 and 6,500 Kelvin  for maximal cold white lighting at 1,000 lux  2 ports  made of glass  Power supply unit  Europlug & BS 1363 (British 3-pin) plug  AC cable length	Protection class	II 🖸		
Light strength setting  Setting of light colour  Setting of light colour  Boost function  USB charging ports  Touch panel  Power supply unit  Desktop power supply  AC cable length  Stepless up to 1,000 lux  Stepless between 2,700 and 6,500 Kelvin  for maximal cold white lighting at 1,000 lux  2 ports  made of glass  Power supply unit  Europlug & BS 1363 (British 3-pin) plug  AC cable length	VITACORE®			
Setting of light colour  Setting of light colour  Stepless between 2,700 and 6,500 Kelvin  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	Operation	via VITACORE® e	via VITACORE® electronics or app	
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	Light strength setting	stepless up to 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	Setting of light colour	stepless between 2,7	stepless between 2,700 and 6,500 Kelvin	
Touch panel made of glass  Power supply unit  Desktop power supply Europlug & BS 1363 (British 3-pin) plug  AC cable length 1,2 m	Boost function	for maximal cold white lighting at 1,000 lux		
Power supply unit  Desktop power supply  Europlug & BS 1363 (British 3-pin) plug  AC cable length  1,2 m	USB charging ports	2 ports		
Desktop power supply Europlug & BS 1363 (British 3-pin) plug  AC cable length 1,2 m	Touch panel	made of glass		
AC cable length 1,2 m	Power supply unit			
	Desktop power supply	Europlug & BS 1363	Europlug & BS 1363 (British 3-pin) plug	
DC cable length 1,8 m	AC cable length	1,2	1,2 m	
	DC cable length	1,8 m		

RADIAL FLOOR

\*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

