



Table Luminaire Facelina



Apparently floating above the table the flat stainless steel pedestal of *Facelina* holds an elegant bended arm with its integrated lamp head. The head of the lamp integrated into the arm provides an optimum heat sink for the LEDs.

The pedestal provides the touch area for controlling the LEDs – ON, OFF and DIMMING as well as controlling the light colour.

The arm is made from brushed and coloured anodized Aluminium – concurrently used a heat sink for the LEDs. The LEDs are covered by a combined black and clear satined acrylic glass cover. Thus an extremely flat lamp head design was created using state of the art LED technology.

The pedestal contains the compact LED controller integrating all functions as power supply, LED controller, touch controller and dimmer. The luminaire integrates (optionally) a light colour selector in addition. The user can select his individual light colour between 3000K (warm white) and 5000K (non tiring day light) in three steps.

The light radiates from an 80° inclination angel providing a high light density of up to 1800 Lux at the table. *Facelina* achieves the energy efficiency class A⁺ of the EU-directive 874/2012.



Features and Technical Data

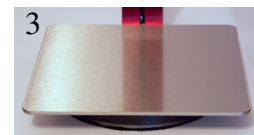
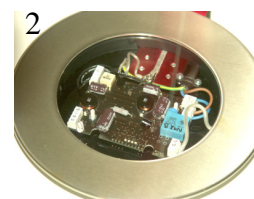
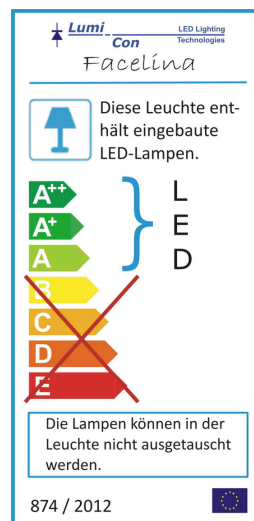
Design-Table-Luminaire with

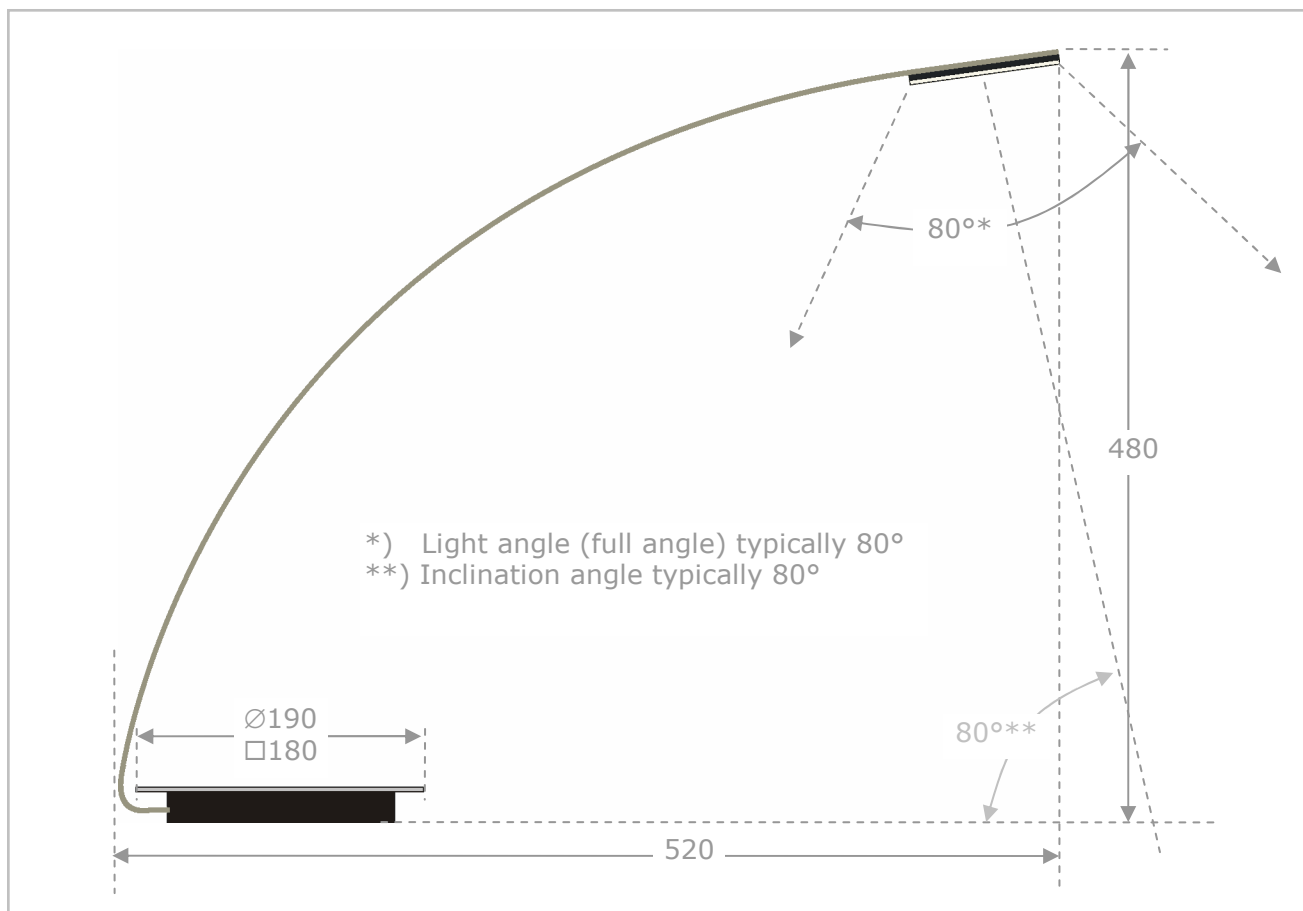
- 6 or 11 high power LEDs
- Innovative Touch-Dimmer
- Light temperature selector (optional)
- Energy efficiency class A⁺ acc. EU regulations 874/2012

Technical Data (typical values)

- „Touch me Lamp“: ON / OFF and Dimming when touching the pedestal
- Energy efficient luminaire according energy efficiency class A⁺
- 6 or 11 high power LEDs
- Typical light output: 500 resp. 900 Lumen (refers to 60/100W light bulb)
- 1000 resp. 1800 Lux at the table working area
- Inclination angle of the light output: 80°
- Optional colour temperature select (with 11 LEDs only)
 - 3000K, 500lm, warm white (WW)
 - 4000K, 900lm
 - 5000K, 500lm, neutral white, (NW)
- Night light (lamps with viewing window, figures 2,4)
- Design versions and colours (figures right and page 3):
 - Arm: brushed anodized aluminium, bronze dark(D), bordeaux(B), black(S) (figure 6)
 - Cable cover of arm: brushed stainless steel cover (figure 5)
 - Pedestal: brushed stainless steel, coated, round or quadratic, black plastic frame (figures 1,3)
 - Window pedestal (visible electronic circuits, night light (can be disabled), figures 2,4)
 - Light head: flat design with black and clear satined acrylic glass
- Power consumption 7/11W at 230V/50Hz
- Stand-By power 0.2W (light off, no night light)
- Height approx. 480 mm
- Width approx. 520 mm
- Weight approx. 1.9 kg

Made in German manufactory using in-house LED touch dimmer and designed according EU-directives 2006/95/EG, 2004/108/EG, 2002/95/EG, 2005/32/EG and 874/2012.





Typical Dimensions (in mm) of *Facelina*

Versions and Order Numbers

(Example: Luminaire #1 (**Facelina**), 11 LEDs(11), Colour temperature control(F), round pedestal with visible electronics(SR) and night light (can be disabled), colour of arm: bordeaux(B), brushed aluminium, stainless steel cable cover

L1-11F-RS-B(-CH)

CH	CH = Swiss Power Connector
Colour of Lamp Arm:	Bronze dark(D), Bordeaux(B), Black (S);
R = round, Q = quadratic pedestal S = Transparent Pedestal (with night light function, night light can be disabled)	
6 or 11 LEDs, WW or NW F = colour temperature control (only with 11 LEDs)	
L1	L1 = <i>Facelina</i>

Colours: (typical values, colour may deviate from printing or screen):

Bordeaux:  Bronze dark:  Black: 

General Information about Lumi-Con LED-Luminaires

The luminaire is operated with LEDs (Light Emitting Diodes). LEDs generate light of a certain wavelength directly from the current applied. The light of LEDs is not generated as in light bulbs through heating a metal wire which generates mainly heat. LED light is generated by a defined energy transition inside a (cold) semiconductor. Sometimes this light is also called *cold light* – which has however nothing to do with the light colour. For this reason the LED-light is much more efficient than the light out of bulbs.

The luminaire *Facelina* is operated with 6 or 11 warm or neutral white LEDs respectively with 6 warm and 5 neutral white LEDs if colour temperature control is chosen. The light output is about 500 to 900 lumen depending on the lamp type – approximately comparable to a 60 or 100W light bulb. The power consumption however is only 7/11W. The improvement of efficiency is about **800%** compared to light bulbs.

Facelina is also available with colour temperature adjustment. In this case 6 warm white LEDs (3000K) are integrated together with 5 neutral white LEDs (5000K day light). The user can decide which light colour he wants to use: 3000K, 4000K or 5000K.

LEDs are operated typically with a current of 300mA but with very low voltage. Thus a special power supply is necessary for the adaptation to mains power (230V). In our case an in-house supply is used which incorporates:

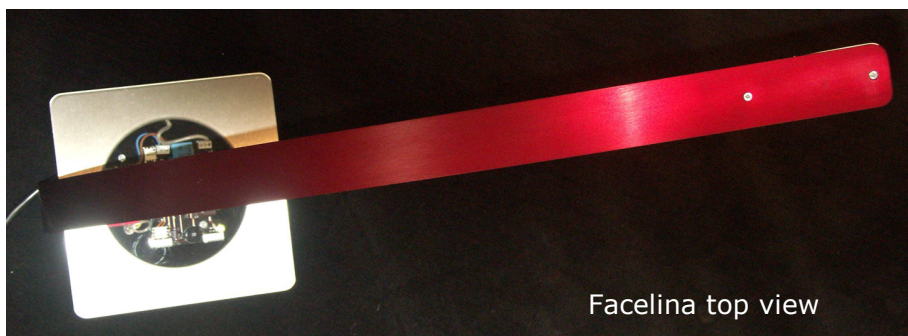
- current and voltage adaptation to LEDs needs,
- dimmer controller,
- touch sensor controller.

All functions are realized in a single module thus a very good efficiency can be achieved.

On and off of the lamp is done electronically thus no separation from mains is done when the lamp is off (stand-by).

The luminaire fulfils the energy efficiency class A⁺ for house hold lamps of the European Commission (directive 874/2012).

The power consumption of the lamp during stand-by is only 1,8kWh per year. Thus the lamp falls below the limits of the EuP-directive 2005/32/EG which requests stand-by power consumption below 0.5W from 2013 on.



Instruction

Facelina is controlled via a touch sensor. A short touch (shorter than 0.5 seconds) of the metallic pedestal switches the lamp on and off. Shorter touches than 0.1 seconds have no effect (debouncing). Longer touch starts the dimmer process of the lamp.

Luminaires with colour temperature control: A short touch switches the following sequence and the colour temperature can be selected first: OFF – ON-3000K – ON-4000K – ON-5000K – OFF. A longer touch at each ON-status starts the dimmer process. A longer touch at OFF-status deactivates or activates nightlight LED (only for types F1-11F-R/QS).

Cleaning

Please use only aggressive cleaning substances and don't use scouring agent.

Maintenance and Guarantee

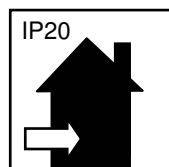
Facelina is a maintenance-free luminaire. There is no need for exchanging the LEDs. The average lamp life time exceeds 40000h. At a daily operating time of 8 hours at 200 working days per year the life time exceeds 30 years. The warranty time is 2 years. The warranty is only given under normal office operating conditions for non opened parts. It does not cover damage through non reasonable care.

Operation and Precautions

The lamp is operated from mains voltage (230V). It incorporates a electronic power supply for operating the LEDs and the touch sensor. Please don't try to repair the lamp. In case of problems please send the lamp back to Lumi-Con or deliver to the local dealer.



The luminaires fulfill *EC Low Voltage Directive 2006/95/EC* (former 73/23/EEC), the *EC EMC Directive 2004/108/EC* as well as the RoHS compliancy (*EC Directive 2002/95/EC*). In addition they are compliant to *EuP Directive 2005/32/EG: Eco-Design of Energy Using Products*.



Attention please!

The information herein is given to describe certain components and shall not be considered as warranted characteristics.

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We hereby disclaim any and all warranties, including but not limited to warranties of non-infringement, regarding circuits, descriptions and charts stated herein.

Lumi-Con components may only be used in life-support devices or systems with the expressed written approval of Lumi-Con.