

**BEGA****50 559.1**

Ceiling luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

LED large-area luminaire · Indoor luminaire with high light output for installation on ceilings.

An optical system with a layer structure exactly matching our LED modules, consisting of micro-structured and light-directing levels to ensure glare-free light and a high degree of visual comfort.

A luminaire specially for glare-free office light in accordance with DIN EN 12464-1.

### Product description

Luminaire made of aluminium, steel and stainless steel

Finish white enamel

Installation frame made of aluminium and steel, galvanised and painted

Safety glass

4 mounting holes  $\varnothing$  6.5 mm

Distance 380 x 380 mm

Connecting terminal 2.5<sup>□</sup>

with plug connection

Earth conductor connection

LED power supply unit

220-240 V  $\sim$  0/50-60 Hz

DALI controllable

A basic isolation exists between power cable and control line

BEGA Thermal Control<sup>®</sup>


Temporary thermal regulation to protect temperature-sensitive components without switching off the luminaire

Safety class I

Impact strength IK08

Protection against mechanical

impacts < 5 joule

 - Safety mark

**CE** - Conformity mark

### Lamp

Module connected wattage 49.2 W

Luminaire connected wattage 57 W

Rated temperature  $t_a = 25$  °C

Ambient temperature  $t_{a \max} = 50$  °C

### 50 559.1 K3

Module designation LED-0940/930

Colour temperature 3000 K

Colour rendering index CRI > 90

Module luminous flux 6250 lm

Luminaire luminous flux 4339 lm

Luminaire luminous efficiency 76,1 lm/W

### 50 559.1 K4

Module designation LED-0940/940

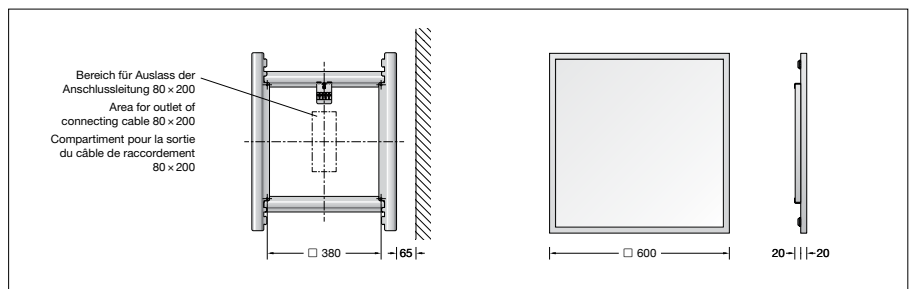
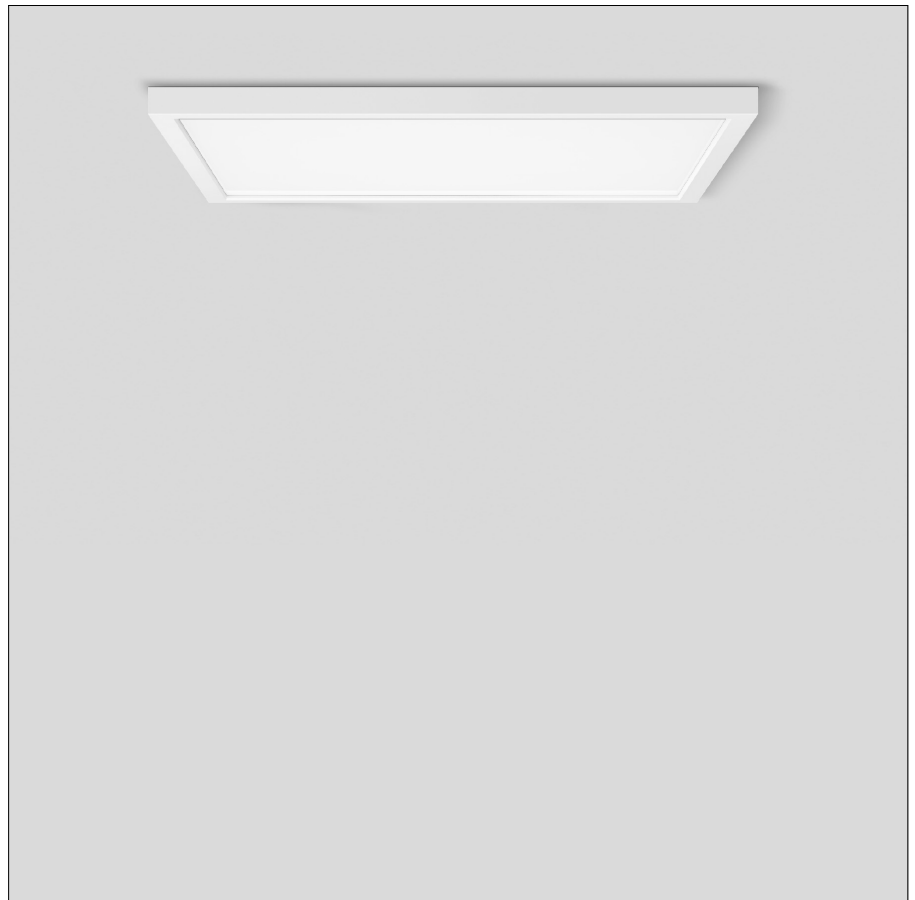
Colour temperature 4000 K

Colour rendering index CRI > 90

Module luminous flux 6480 lm

Luminaire luminous flux 4498 lm

Luminaire luminous efficiency 78,9 lm/W



### Article No. 50 559.1

LED colour temperature optionally 3000 K or 4000 K

3000 K – Article number + **K3**

4000 K – Article number + **K4**