

**BEGA****12 204.1**

Recessed ceiling luminaire for indoor use



Project · Reference number

Date

## Product data sheet

### Application

Recessed LED-ceiling luminaire · indoor luminaire with crystal glass inside and symmetrical wide beam light distribution for connection to external LED power supply unit. The used LED technique offers durability and optimal light output with low power consumption at the same time. For installation in suspended ceilings of 3-20 mm in interior applications. If this luminaire should be integrated into a LCN or ZigBee controlled building management system we recommend our BEGA Control light control system.

### Product description

LED recessed luminaire without power supply unit

Luminaire made of cast aluminium, aluminium and stainless steel

Crystal glass

Reflector surface made of pure aluminium

Cover frame with optional finish:

Metal white                      Reference number **.1**  
 Stainless steel                  Reference number **.2**  
 polished aluminium          Reference number **.3**

Fixing is achieved by using two pivoting wedge-shaped claws

Required recessed opening 130 x 130 mm

Recessed depth 72 mm

1 connecting cable with strain relief and plug connector system for BEGA power supply unit, dimmable 1-10 V or DALI

Safety class III

Impact strength IK06

Protection against mechanical impacts < 1 joule

**CE** – Conformity mark

### Lamp

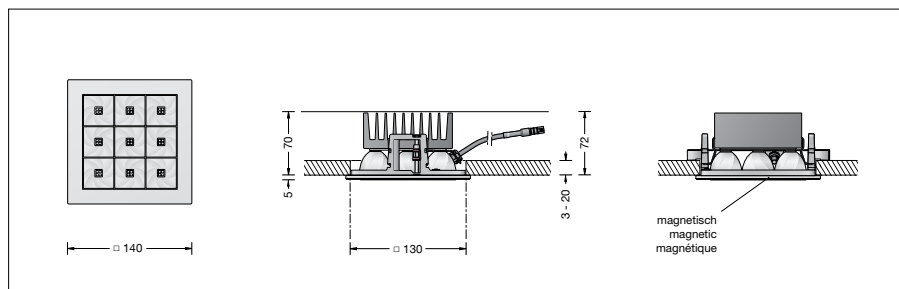
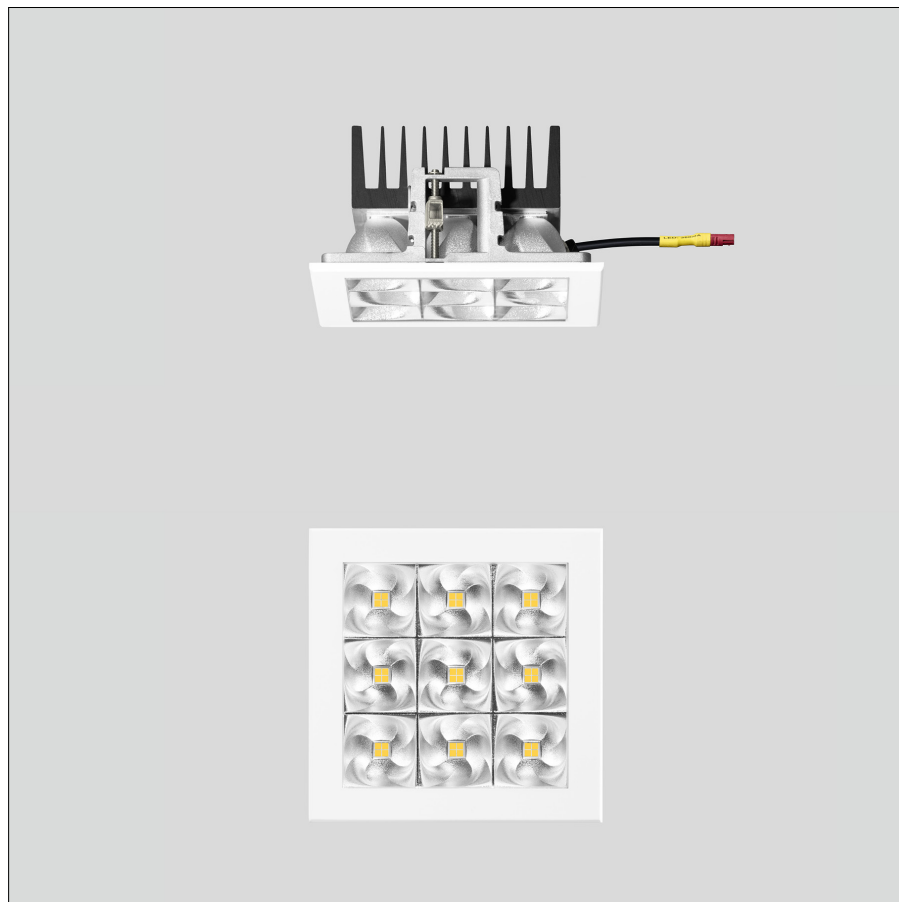
Module connected wattage                      14 W  
 Luminaire connected wattage                  16.6 W  
 Rated temperature                                   $t_a = 25\text{ °C}$   
 Ambient temperature                                $t_{a\text{ max}} = 25\text{ °C}$

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Module designation                                LED-0586/930  
 Colour temperature                                3000 K  
 Colour rendering index                              $R_a > 90$   
 Module luminous flux                               1750 lm  
 Luminaire luminous flux                           1055 lm  
 Luminaire luminous efficiency                  63,6 lm/W

### 12 204.1 K4

Module designation                                LED-0586/940  
 Colour temperature                                4000 K  
 Colour rendering index                              $R_a > 90$   
 Module luminous flux                               1815 lm  
 Luminaire luminous flux                           1094 lm  
 Luminaire luminous efficiency                  65,9 lm/W



### Lifetime of the LED

Ambient temperature  $t_a = 15\text{ °C}$   
 – at 50,000 h: L80 B10  
 – at 205,000 h: L70 B50

max. ambient temperature  $t_a = 25\text{ °C}$   
 – at 50,000 h: L70 B10  
 – at 115,000 h: L70 B50

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LED colour temperature optionally 3000 K or 4000 K  
 3000 K – Article number  
 4000 K – Article number + **K4**

### Finish options

• Enamel, white                                      Code number **.1**  
 • Stainless steel                                      Code number **.2**  
 • Polished aluminium                                Code number **.3**

### Accessories

Power supply units for LED luminaires 220-240 V · 50/60 Hz with strain relief and plug connector system.

**13044** Power supply unit dimmable 1-10 V

**13045** Power supply unit DALI

The power supply units are only suitable for the operation of one LED luminaire.

For the accessories a separate instructions for use can be provided upon request.