GLASHÜTTE LIMBURG Leuchten GmbH + Co. KG · Postfach 1463 · D-65534 Limburg

GLASHÜTTE LIMBURG

Product data sheet — Recessed ceiling luminaire — 12 206.3

Project · Reference number

Date

Application

Recessed LED-ceiling luminaire and crystal glass inside and asymmetrical 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

Recessed LED luminaire
without power supply unit
Luminaire made of aluminium alloy, aluminium and stainless steel
Crystal glass
Reflector surface finish 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 93 x 93 mm
Recessed depth 88 mm
1 connecting cable with strain relief and plug connector system for GLASHÜTTE LIMBURG power supply unit, dimmable 1-10 V or DALI
Safety class III
Impact strength IK06
Protection against mechanical impacts < 1 joule
CE – Conformity mark

Light technique

Recessed ceiling downligh with asymmetrical light distribution.
Half beam angle 30/30°
Luminaire data for the light planning program DIALux for indoor lighting as well as luminaire data in EULUMDAT and IES-format you will find on our website www.glashuette-limburg.com.

Lamp

Module connected wattage	4.2 W
Luminaire connected wattage	6 W
Rated temperature	t_a = 25 °C
Ambient temperature	$t_{a\,max}$ = 40 °C

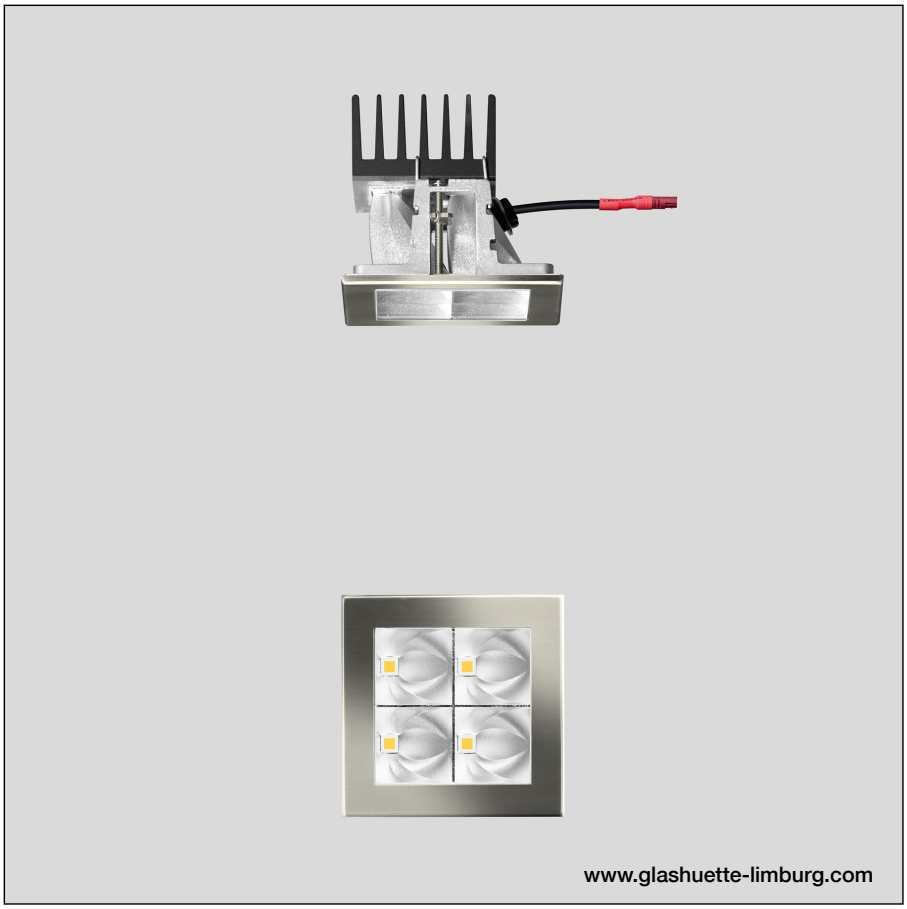
12 206.3

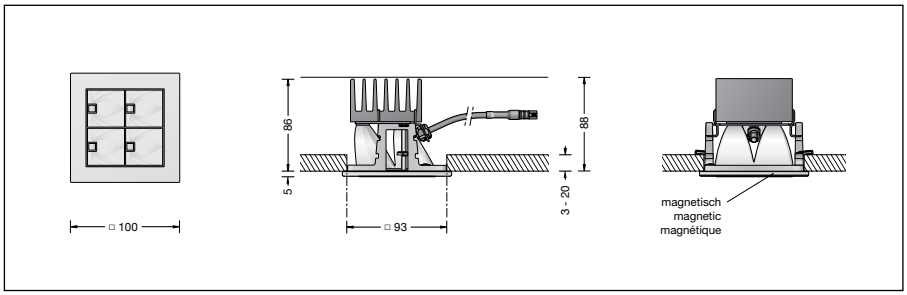
Module designation	LED-0591/830
Colour temperature	3000 K
Colour rendering index	R_a > 80
Module luminous flux	490 lm
Luminaire luminous flux*	350 lm
Luminaire luminous efficiency*	58,3 lm/W

12 206.3 K4

Module designation	LED-0591/840
Colour temperature	4000 K
Colour rendering index	R_a > 80
Module luminous flux	525 lm
Luminaire luminous flux*	375 lm
Luminaire luminous efficiency*	62,5 lm/W

* preliminary data





Lifetime of the LED

Ambient temperature t_a = 15 °C
– at 50,000 h: L 90 B 10
– at > 500,000 h: L 70 B 50

Ambient temperature t_a = 25 °C
– at 50,000 h: L 90 B 10
– at 470,000 h: L 70 B 50

max. ambient temperature t_a = 40 °C
– at 50,000 h: L 90 B 10
– at 310,000 h: L 70 B 50

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Colour temperature 3000 K.
Also available with 4000 K on request.
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.

13 034 Power supply unit dimmable 1-10 V
13 035 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.