GLASHÜTTE LIMBURG

| Product data sheet | Ceiling mounted downlight | IP 65 | **50 165.1** |

Project · Reference number   Date

Application

Compact LED downlight with symmetrical narrow beam light distribution.
The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Die-cast aluminium and aluminium housing, finish white enamel
Safety glass with optical structure
Silicone gasket
Reflector surface finish pure aluminium
2 fixing holes ø 4.8 mm
140 mm spacing
2 cable entries for through-wiring of mains supply cable ø 7-10,5 mm,
max. 5 G 1.5$^\square$
Connecting terminal 2.5$^\square$
Earth conductor connection
2-pole connecting terminal for digital control
LED power supply unit
220-240 V $\sim$ 0/50-60 Hz
DC 170-280 V
DALI controllable
A basic isolation exists between power cable and control line
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK07
Protection against mechanical impacts < 2 joule
$C\!E$ – Conformity mark
Weight: 2.5 kg

Light technique

Ceiling mounted downligh with narrow beam light distribution.
Half beam angle 25°
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	33.6 W
Luminaire connected wattage	38.2 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a\,max} = 30$ °C

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Module designation	4x LED-0588/830
Colour temperature	3000 K
Colour rendering index	$R_a > 80$
Module luminous flux	4640 lm
Luminaire luminous flux	2615 lm
Luminaire luminous efficiency	68,5 lm / W

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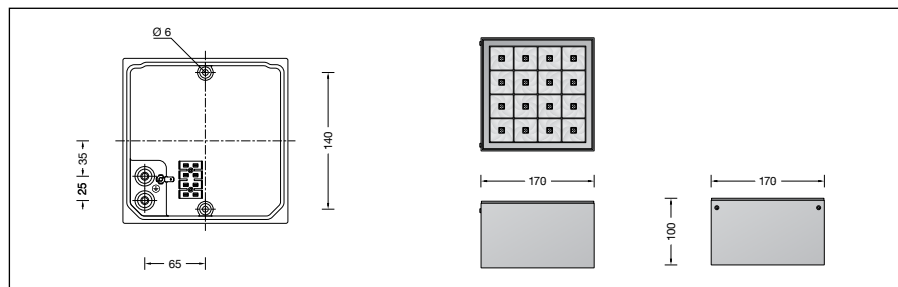|	
Module designation	4x LED-0588/840
Colour temperature	4000 K
Colour rendering index	$R_a > 80$
Module luminous flux	4640 lm
Luminaire luminous flux	2615 lm
Luminaire luminous efficiency	68,5 lm / W

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Lifetime of the LED

Ambient temperature $t_a = 15$ °C
– at   50,000 h: L 90 B 50
– at   144,000 h: L 70 B 50

Ambient temperature $t_a = 25$ °C
– at   50,000 h: L 80 B 50
– at   82,000 h: L 70 B 50

max. ambient temperature $t_a = 30$ °C
– at   50,000 h: L 70 B 50
– at   62,000 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**