



Project · Reference number

Date

Application

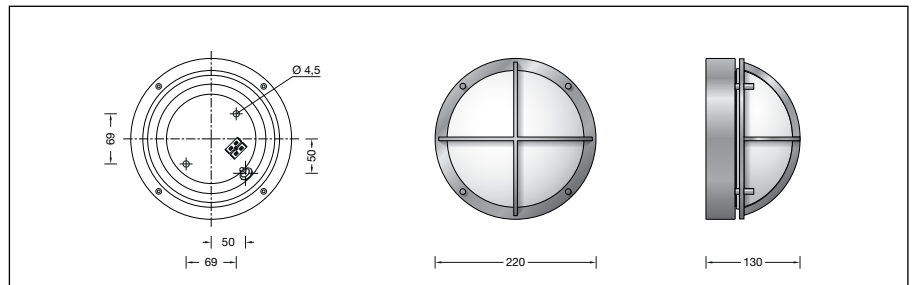
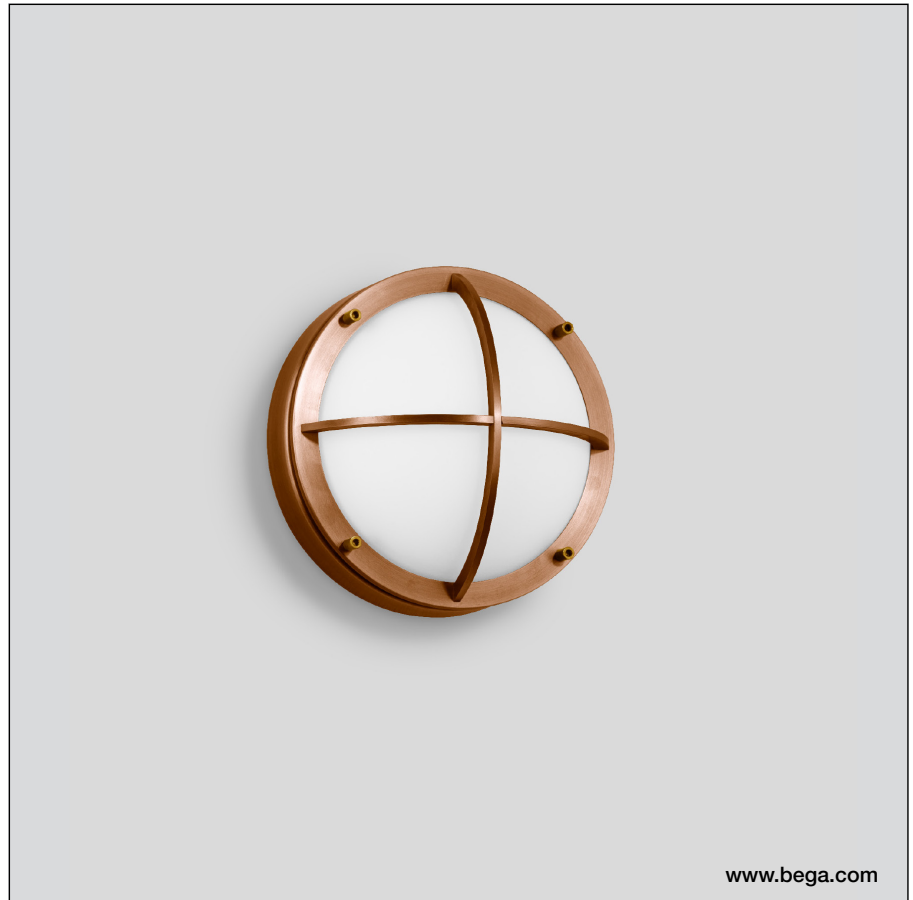
Unshielded LED ceiling and wall luminaire for many lighting tasks in or on buildings.
Luminaire made of copper and thick-walled crystal glass.
The used LED technique offers durability and optimal light output with low power consumption at the same time.

Product description

Luminaire made of copper, brass and stainless steel
Crystal glass coated
2 fixing holes \varnothing 4.5 mm
69 x 69 mm spacing
1 cable entry for mains supply cable up to \varnothing 10.5 mm, max. $3 \times 1.5^{\square}$
Connecting terminal 2.5^{\square}
Earth conductor connection
LED power supply unit
220-240 V \sim 0/50-60 Hz
DC 176-264 V
Safety class I
Protection class IP 64
Dust-tight and protection against splash water
Impact strength IK07
Protection against mechanical impacts < 2 joule
 – Safety mark
 – Conformity mark
Weight: 1.8 kg

Copper

The luminaire parts made of solid copper are delivered with the metal's natural surface colour.
Time and weather factors create the natural patina characteristic for copper.

**Lamp**

Module connected wattage	6.3 W
Luminaire connected wattage	8.3 W
Rated temperature	$t_a = 25^{\circ}\text{C}$
Ambient temperature	$t_{a\text{max}} = 35^{\circ}\text{C}$

Module designation	LED-0416/830
Colour temperature	3000 K
Colour rendering index	$R_a > 80$
Module luminous flux	670 lm
Luminaire luminous flux	362 lm
Luminaire luminous efficiency	43,6 lm/W

Lifetime of the LED

Ambient temperature $t_a = 15^{\circ}\text{C}$
– at 50,000h: L90B10
– at 500,000h: L70B50

Ambient temperature $t_a = 25^{\circ}\text{C}$
– at 50,000h: L90B10
– at 380,000h: L70B50

max. ambient temperature $t_a = 35^{\circ}\text{C}$
– at 50,000h: L90B10
– at 290,000h: L70B50