

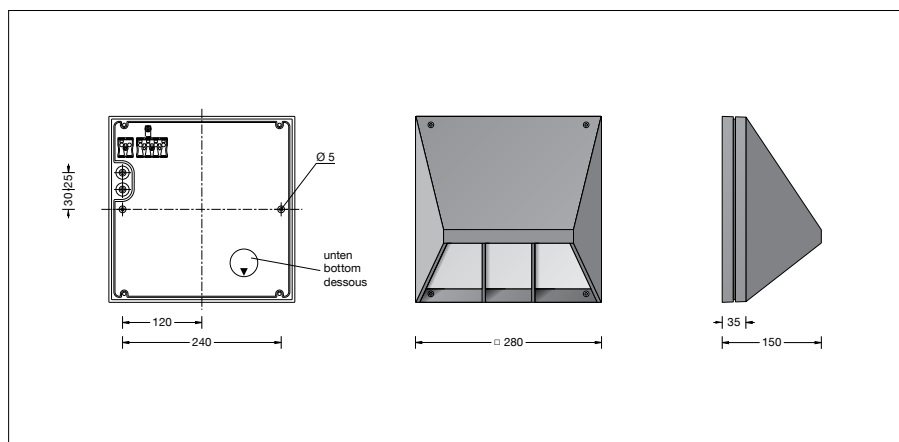
BEGA**24 098**

Wall luminaire with emergency lighting function

IP 65

Project · Reference number

Date



Product data sheet

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Safety glass with optical structure
Silicone gasket
Reflector made of pure anodised aluminium
2 mounting holes \varnothing 5 mm
Distance apart 240 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm, max. 5 G 1.5[□]
Connecting terminal and
earth conductor terminal 2.5[□]
2-pole connecting terminal for
digital control
Emergency lighting device with
self-test function
220-240 V \sim 50/60 Hz
LiFePo4-battery for 3 hours'
Emergency lighting operation at -20° to 45 °C
Integrated heater 11.3 W
with integrated thermostat
BEGA Ultimate Driver®
LED power supply unit
220-240 V \sim 50/60 Hz
DALI-controllable
Basic insulation is provided between the mains
and control cables
BEGA Thermal Control®
Temporary thermal regulation to protect
temperature-sensitive components without
switching off the luminaire
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK08
Protection against mechanical
impacts < 5 joule
CE – Conformity mark
Weight: 3.8 kg
This product contains light sources of energy
efficiency classes B, C

Application

Wall luminaire with emergency lighting
function according to DIN EN 60598-2-22 and
DIN VDE 0108-100 for integration in emergency
escape lighting systems. With integrated single
battery for 3 hours' emergency operation in the
event of a power failure.

Lamp

Module connected wattage	13.4 W
Luminaire connected wattage	19 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 45^\circ\text{C}$

On request we can offer you modifications for
enviroments with higher temperatures as a
customized product.

24 098 K3

Module designation	LED-0731/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	2650 lm
Luminaire luminous flux	1429 lm
Luminaire luminous efficiency	75,2 lm/W

24 098 K4

Module designation	LED-0731/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	2725 lm
Luminaire luminous flux	1469 lm
Luminaire luminous efficiency	77,3 lm/W

With emergency lighting, a luminous flux of
360 lm is achieved.

Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Ambient temperature max. $t_a = 45^\circ\text{C}$ (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L 80 B 50) 100,000 h (L 90 B 50)

Inrush current

Inrush current: 5 A / 100 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 42 luminaires
B 16A: 68 luminaires
C 10A: 42 luminaires
C 16A: 68 luminaires

Article No. 24 098

LED colour temperature optionally 3000 K
or 4000 K
3000 K – Article number + **K3**
4000 K – Article number + **K4**