

BEGA**24 165**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

Unshielded ceiling and wall luminaire with high protection class.

A luminaire made of die cast aluminium and with an impact resistant crystal glass.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Crystal glass, white inside
2 mounting holes $\varnothing$ 4.5 mm
Distance apart 325 mm
2 screw cable glands with strain relief
for through-wiring power connecting cable
 $\varnothing$ 7–12 mm
1 screw cable gland closed at the factory with
a dummy plug
Connection terminal 2.5²
Earth conductor connection
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
BEGA Thermal Switch®
Temporary thermal shutdown to protect
temperature-sensitive components
Safety class I
Protection class IP 65
Dust-tight and protection against water jets
Impact strength IK10
Protection against mechanical
impacts < 20 joule
 – Safety mark
 – Conformity mark
Weight: 4.6 kg

Lamp

Module connected wattage	23.9 W
Luminaire connected wattage	27.2 W
Rated temperature	$t_a = 25^\circ\text{C}$
Ambient temperature	$t_{a\text{ max}} = 35^\circ\text{C}$

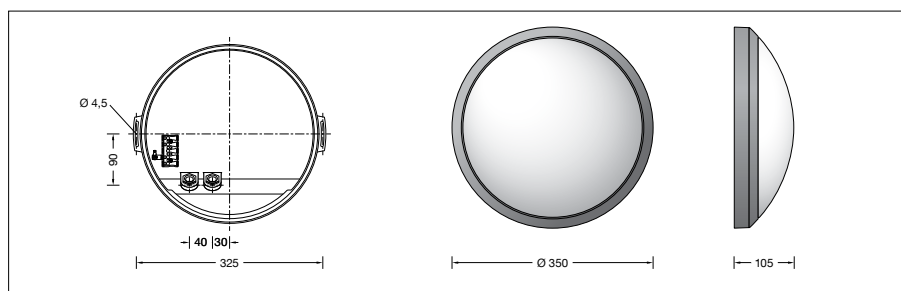
On request we can offer you modifications for
environments with higher temperatures as a
customized product.

24 165 K3

Module designation	LED-0993/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3975 lm
Luminaire luminous flux	2651 lm
Luminaire luminous efficiency	97,5 lm/W

24 165 K4

Module designation	LED-0993/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	4180 lm
Luminaire luminous flux	2788 lm
Luminaire luminous efficiency	102,5 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25^\circ\text{C}$
LED psu: > 50,000 h
LED module: 155,000 h (L80B50)

Ambient temperature $t_{a\text{ max}} = 35^\circ\text{C}$ (100 %)
LED psu: 50,000 h
LED module: 140,000 h (L80B50)

Light technique

Luminaire data for the light planning program
DIALux for outdoor lighting, street lighting and
indoor lighting as well as luminaire data in
EULUMDAT- and IES-format you will find on the
BEGA web page www.bega.com.

Inrush current

Inrush current: 5 A / 50 μs
Maximum number of luminaires of this
type per miniature circuit breaker:
B 10A: 31 luminaires
B 16A: 50 luminaires
C 10A: 52 luminaires
C 16A: 85 luminaires

Article No. 24 165

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

Colour graphite or silver
graphite – article number
silver – article number + **A**

Light distribution

