

BEGA**24 079**

Ceiling and wall luminaire



Project · Reference number

Date

Product data sheet

Application

LED luminaire with high constructive strength.
A luminaire made of die cast aluminium and impact resistant synthetic diffuser made of polycarbonate.

Product description

Luminaire made of aluminium alloy,
aluminium and stainless steel
BEGA Unidure® coating technology
Impact resistant synthetic diffuser,
polycarbonate white with optical structure
Silicone gasket
2 mounting holes \varnothing 5.3 mm
Distance apart 260 mm
2 cable entries for through-wiring of mains
supply cable \varnothing 7-10.5 mm, max. 5G1.5[□]
Connection terminal 2.5[□]
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
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
CE – Conformity mark
Weight: 3.9 kg

Lamp

Module connected wattage	26.9 W
Luminaire connected wattage	30.5 W
Rated temperature	$t_a = 25\text{ °C}$
Ambient temperature	$t_{a\text{ max}} = 40\text{ °C}$

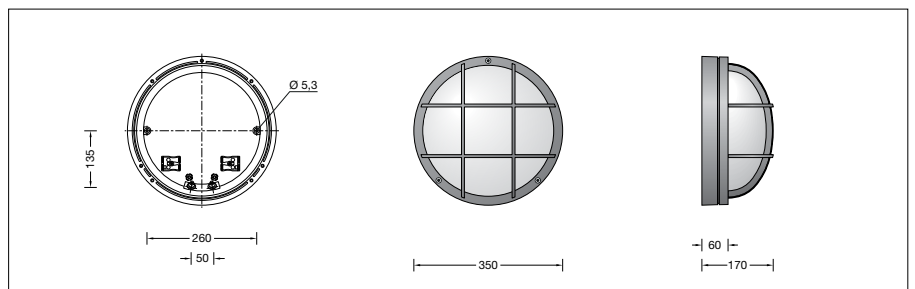
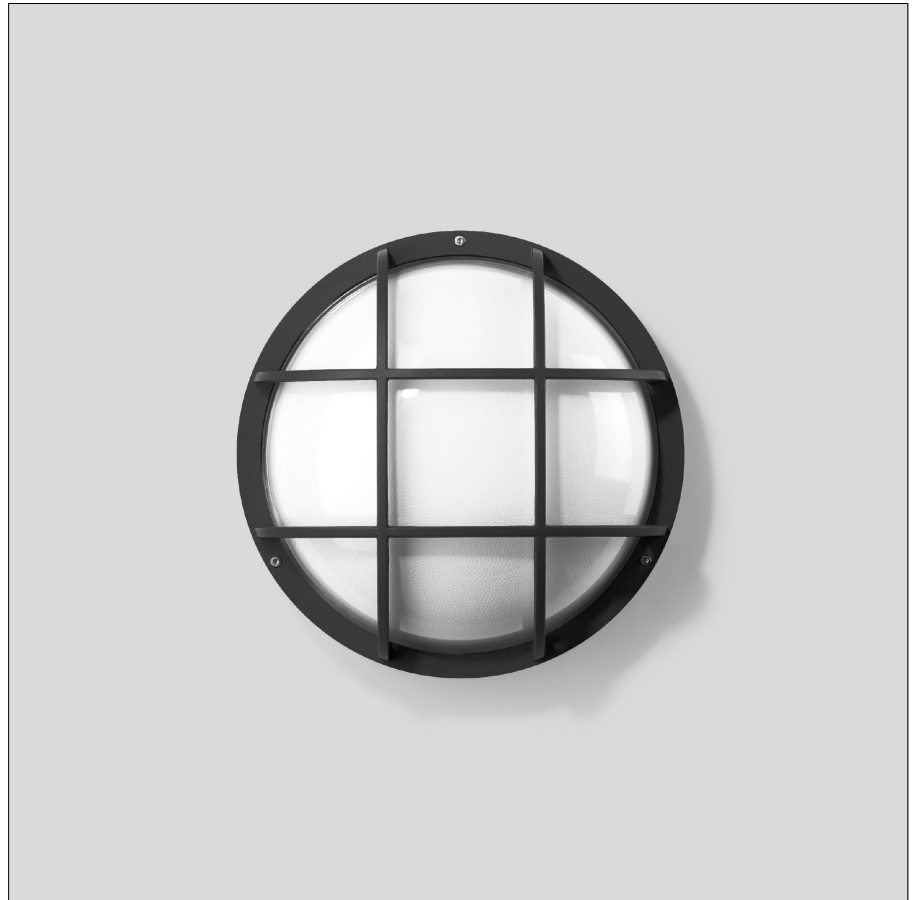
On request we can offer you modifications for environments with higher temperatures as a customized product.

24 079 K3

Module designation	LED-0510/830
Colour temperature	3000 K
Colour rendering index	CRI > 80
Module luminous flux	3725 lm
Luminaire luminous flux	1840 lm
Luminaire luminous efficiency	60,3 lm/W

24 079 K4

Module designation	LED-0510/840
Colour temperature	4000 K
Colour rendering index	CRI > 80
Module luminous flux	3725 lm
Luminaire luminous flux	1840 lm
Luminaire luminous efficiency	60,3 lm/W



Service life of the LED

Ambient temperature $t_a = 25\text{ °C}$
– at 212,000h: L70B50

max. ambient temperature $t_a = 40\text{ °C}$
– at 89,000h: L70B50

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 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 31 luminaires
B16A: 50 luminaires
C10A: 52 luminaires
C16A: 85 luminaires

Article No. 24 079

LED colour temperature optionally 3000K
or 4000K

3000 K – Article number + **K3**
4000 K – Article number + **K4**

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