

BEGA**50 101**

Large-area luminaire for indoor use



Project · Reference number

Date

Product data sheet

Application

LED ceiling and wall luminaire · indoor luminaire
made of impact resistant synthetic diffuser and
metal housing.

Large-area luminaire with high light output and
high uniform light distribution.

Product description

Large-area LED luminaire »MAXIMA«
Metal luminaire mounting plate,
finish white enamel
Light-diffusing synthetic luminaire cover
Silicone gasket
Mounting plate with 2 key holes, pitch circle \varnothing
220 mm and 3 elongated holes, pitch circle \varnothing
1.090 mm, width 6 mm
Connecting terminals 2.5² · Plug system
Earth conductor terminal
Connecting terminal for digital control
LED power supply unit
220-240 V \sim 0/50-60 Hz
DALI controllable
A basic isolation exists between power cable
and control line
Safety class I
 – Safety mark
CE – Conformity mark
Weight: 30.2 kg

Inrush current

Inrush current: 59 A / 165 μ s
Maximum number of luminaires of this
type per miniature circuit breaker:
B10A: 5 luminaires
B16A: 9 luminaires
C10A: 9 luminaires
C16A: 16 luminaires

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.

Lamp

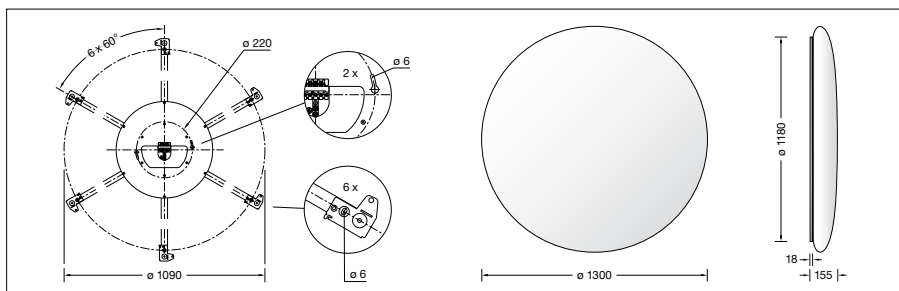
Module connected wattage	121.6 W
Luminaire connected wattage	138.2 W
Rated temperature	$t_a = 25$ °C
Ambient temperature	$t_{a \max} = 40$ °C

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Module designation	8x LED-0690/930
Colour temperature	3000 K
Colour rendering index	CRI >90
Module luminous flux	20320 lm
Luminaire luminous flux	17294 lm
Luminaire luminous efficiency	125,1 lm/W

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Module designation	8x LED-0690/940
Colour temperature	4000 K
Colour rendering index	CRI >90
Module luminous flux	21520 lm
Luminaire luminous flux	18314 lm
Luminaire luminous efficiency	132,5 lm/W



Service life · Ambient temperature

Rated temperature $t_a = 25$ °C	
LED psu:	> 50,000 h
LED module:	> 200,000 h (L80 B50) 50,000 h (L90 B50)

Ambient temperature $t_{a \max} = 40$ °C (100 %)	
LED psu:	50,000 h
LED module:	> 200,000 h (L80 B50) 50,000 h (L90 B50)

Article No. 50 101

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