



SURFACE LIGHT

Simple and easy appearance, in line with contemporary aesthetic concept. The product has the structure and appearance design patent. The lamp body adopts high-pressure cast aluminum and aluminum alloy, the surface is coated with outdoor used powder, double anti-corrosion to extend service life. This lawn lamp series uses LED. High efficiency constant current driver, ensure the light source is maximum used.

FIELDS OF APPLICATION

Office & Education, offices, open-plan offices, conference rooms, conference rooms, reception areas, counters, galleries, hotels, restaurants, living spaces

IEC 62717 LED-modules for general lighting – Performance requirements
IEC 62722-2-1 Particular requirements for LED luminaires

High Lumen Efficacy 115lm/W

Body - Die cast aluminum housing with solvent free powder coating

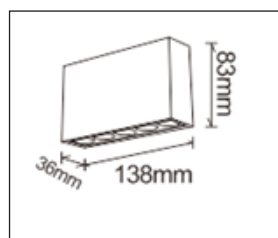
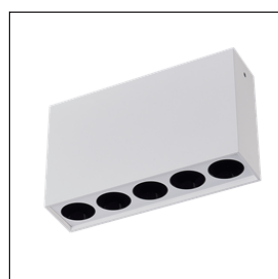
Diffuser - PMMA polycarbonate pattern lens.

Glowing Wire Test - 850°

Temperature - $t_a=20\text{ }^{\circ}\text{C} \sim t_a \text{ max}=50\text{ }^{\circ}\text{C}$

Class - III

Model --- BEGA



A - $\varnothing 36 \times 138 \times H83 \text{mm}$

Default Available

BEGA-A-0-15-27-W-6W



Product Assistant Chart

BEGA

X X X X X

Size — A —

Driver

0

1

2

3

4

On/Off

Dali

Dimmable

Phase Dimming

1-10

Beam Angle

15

24

36

Kelvin

27

30

40

50

60

2700K

3000K

4000K

5000K

6000K

Finishing

W

B

white

black

Wattage

4

6

8

12

Lighting Customization Solution: can offer you modifications for environment with higher options as a customized product.

IP65



COB

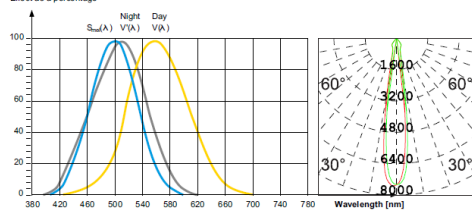


McA Step 3

220~240V

VS LIGHTING SOLUTIONS
TRIDONIC

Relative spectral perception of brightness and melanopic effect
Effect as a percentage

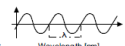


Explanation of the three curves:

V(A) = Perception of brightness, daytime seeing with the cones

V(A) = Nighttime seeing with the rods

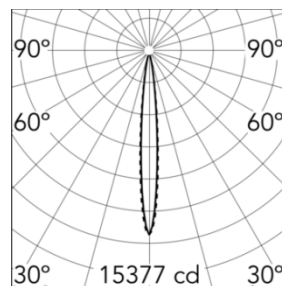
S_m(A) = Melanopsin suppression with the photosensitive ganglion cells



Die Attach (via Epoxy or Solder)

Encapsulation like Glue Top

DIE SUBSTRATE



Beam Angle: 10°

h(m) E(lx) D(m)

1 15377 0.18

2 3844 0.36

3 1709 0.54

4 961 0.72

5 615 0.90

Luminous flux luminaire
852 lm (EXTREME CUT OFF)

LED life time

Lamp Lumen Maintenance Factor		Operating time 1.000 h									
Lamp Survival Factor		1	10	20	30	40	50	60	70	80	100
L80	50.000 h	LLMF	1	0.96	0.92	0.88	0.84	0.80	0.76	0.72	0.60
		LSF	1	1	1	1	1	1	0.99	0.99	0.98
L80	100.000 h	LLMF	1	0.98	0.96	0.94	0.92	0.90	0.88	0.86	0.80
		LSF	1	1	1	1	1	1	0.99	0.99	0.99



LED

CR> 90

series wiring

F

CE

UV

LM-80

FLICKER FREE