



Inground Light



Inground luminaries

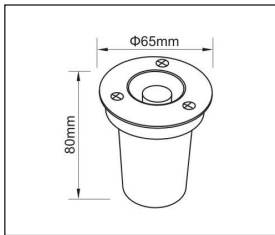
Simple and easy appearance, in line with contemporary aesthetic concept. The product has the structure and appearance design patent. The lamp body adopts high-pressure cast aluminum and aluminum alloy, the surface is coated with outdoor used powder, double anti-corrosion to extend service life. This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

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

High Lumen Efficacy 90lm/W
Body - High-quality stainless steel
Diffuser - Clear tempered glass
Glowing Wire Test - 850°
Temperature - ta=20 °C ~ ta max=50 °C
Class - I

FIELDS OF APPLICATION
Swimming Pool Area

Model ---- **L83**



Default Available

18L83-SS-30-30-0-A

Product Assistant Chart

L83 X X X X X

Size — A — B — C — D — E — []

Driver 0 1 2 3 4 []
On/Off Dali Dimmable Phase Dimming 1-10

Beam Angle 30° []

Kelvin 30 40 60 GR BL RD RGB []
3000K 4000K 6000K GREEN BLUE RED RGB

Finishing SS []
Stainless Steel

Wattage 3 6 9 12 18 []
(Sizes) (A) (B) (C) (D) (E)

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

IP 68 IK 08 COB McA Step 3 220~240V

A - Ø65 X 80H mm

B - Ø80 X 90H mm

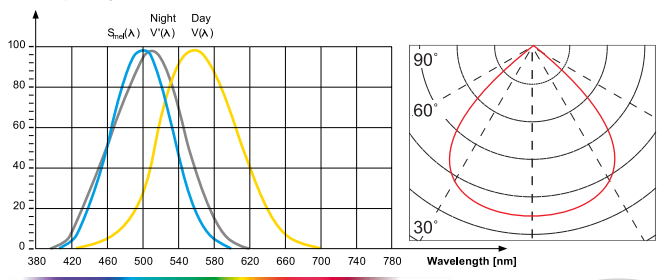
C - Ø100 X 90H mm

D - Ø120 X 90H mm

E - Ø150 X 90H mm

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) = Night-time seeing with the rods
S_{mel}(A) = Melatonin suppression with the photosensitive ganglion cells



LED life time		Operating time 1.000 h										
Lamp Lumen Maintenance Factor	Lamp Survival Factor	1	10	20	30	40	50	60	70	80	90	100
L80	50.000 h	LLMF	1	0.96	0.92	0.88	0.84	0.80	0.76	0.72	0.68	0.64
		LSF	1	1	1	1	1	1	0.99	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	0.84	0.82
		LSF	1	1	1	1	1	1	1	0.99	0.99	0.99



LED



series wiring



CE

