





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.

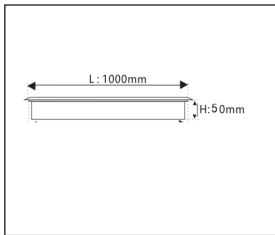
**FIELDS OF APPLICATION**  
Outdoor Areas landscape design

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 extruded aluminum  
Diffuser - Polycarbonate  
Glowing Wire Test - 650°  
Temperature - ta=20 °C ~ ta max=50 °C  
Class - I

Optional optical diffusers -  Clear  Frosted

Model --- **1831**



- A- 300\*90\*50mm
- B- 600\*90\*50mm
- C- 1000\*90\*50mm

Default Available

**00 000 00 0 00**



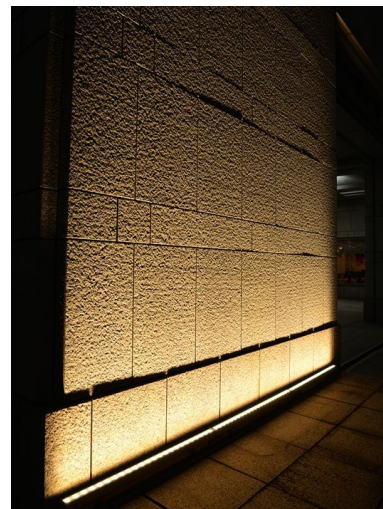
Product Assistant Chart

**1831**

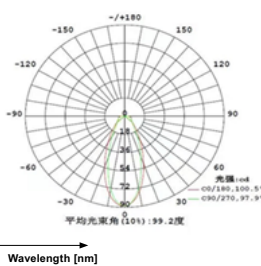
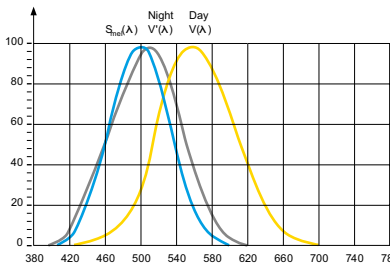
Size	A—B—C	[ ]
Driver	0 1 2 3 4	[ ]
	On/OffDali Dimmable Phase Dimming 1-10'	
Beam Angle (Lumen/W)	15-45	[ ]
Kelvin	27 30 40 50	[ ]
	2700K 3000K 4000K 5000K	
Finishing	SS	[ ]
	Stainless Steel	
Wattage	10 16 20 24 36	[ ]

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

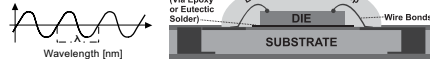
IP 67 IK 08 COB McA Step 3 24V 220V



**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<sub>v</sub>(A) = Melatonin suppression with the photosensitive ganglion cells



LED life time		Operating time 1.000 h										
Lamp Lumen Maintenance Factor		1	10	20	30	40	50	60	70	80	90	100
Lamp Survival Factor		1	1	1	1	1	1	1	1	0.99	0.99	0.99
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

