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
Swimming Pool Area

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

High Lumen Efficacy 23lm/W
Housing die cast aluminum
Glowing Wire Test - 850°
Temperature - ta=20 °C ~ ta max=50 °C
Class - III

Model --- **Q23**

A - Ø60 X H70mm

Default Available

1Q23-W-40-10-0-A

Product Assistant Chart

Q23 X X X X X

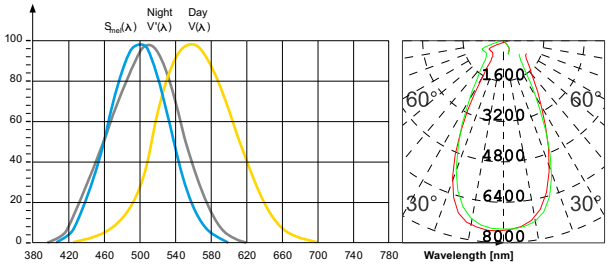
- Size: A
- Driver: 0 On/Off; 1 Dali; 2 Dimmable; 3 Phase Dimming; 4 1-10
- Beam Angle: 10° 25° 30° 45° 60° 90°
- Kelvin: 30 3000K; 40 4000K; 60 6000K; GR GREEN; BL BLUE; RD RED; RGB RGB
- Finishing: SS Stainless Steel
- Wattage: 1 3

Lighting Customization Solution offer the wide range of customized product with best available options.

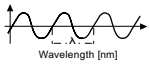
IP 68 **IK 08** **LED** **McA Step 4** **AC / DC12V/24V 50-60Hz**

Relative spectral perception of brightness and melanopic effect

Effect as a percentage



Explanation of the three curves:
V(λ) = Perception of brightness, daytime seeing with the cones
V'(λ) = Night-time seeing with the rods
$S_{mel}(\lambda)$ = Melatonin suppression with the photosensitive ganglion cells



Accessories

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	0.60
		LSF	1	1	1	1	1	1	0.99	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	0.80
		LSF	1	1	1	1	1	1	1	0.99	0.99	0.99	0.99

A++ ENERGY LEVEL · LED · CRI>90 · series wiring · F · RoHS COMPLIANT · CE · UV · CIDET · LM-80 · ENERGY STAR · FLICKER FREE