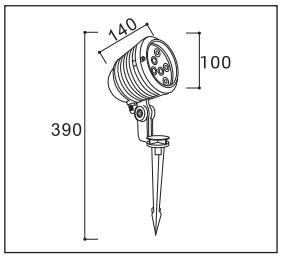
Simple and easy appearance, in line with contemporary aesthetic concept. The product has the structure and appearance design patent. The lamp body adopts high-pressure cast aluminum and aluminum alloy, the surface is coated with outdoor used powder , double anti-corrosion to extend service life. This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

FIELDS OF APPLICATION
All outdoor areas

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

High Lumen Efficacy - 120lm/W
Housing die cast aluminum
Glowing Wire Test - 850°
Temperature - ta=20 °C ~ ta max=50 °C
Class - III

Model --- **Q28**



A - L100 x W140 x H390

Default Available

9Q28-B-30-36-0-A

Product Assistant Chart

Q28 X X X X X

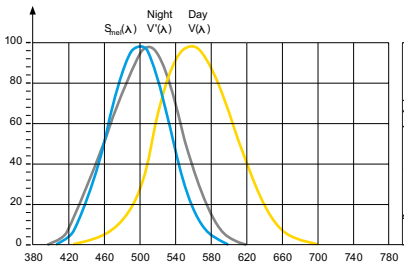
- Size: A
- Driver: 0 On/Off | 1 Dali | 2 Dimmable | 3 Phase Dimming | 4 0-10
- Beam Angle: 36°
- Kelvin: 30 3000K | 40 4000K | 60 6000K
- Finishing: W White | G Dark Grey | B Black
- Wattage: 9W

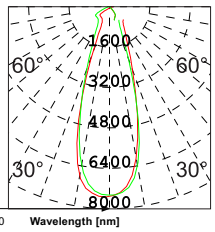
Lighting Customization Solution offer the wide range of customized product with best available options.

IP 67 | **IK 10** | **LED** | **McA Step 3** | **300mA**

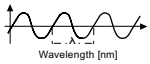
Relative spectral perception of brightness and melanopic effect

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



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 | RoHS COMPLIANT | CIDET | LM-80 | FLICKER FREE