



Simple and easy appearance, in line with contemporary aesthetic concept. The product has the structure and appearance design patent. High efficiency constant current driver, ensure the light source is maximum used. can be easily installed in any type of space, to create amazing light effects, The LED is set back to minimize glare. The main body is made of die-cast aluminum that guarantees optimum heat dissipation, with Premium aluminum reflectors with different sizes and high-quality light. The typical beam angle change by different color, chip size and chip position.

The MAS Spike light adaptable for outdoor applications.

High Lumen Efficacy 115 lm/W - UGR<19  
 Body - Die cast aluminum housing with solvent free powder coating  
 Reflector - Anodized aluminum  
 Diffuser - polycarbonate pattern lens  
 Glowing Wire Test - 850°  
 Temperature - of=20 °C ~ of max=50 °C

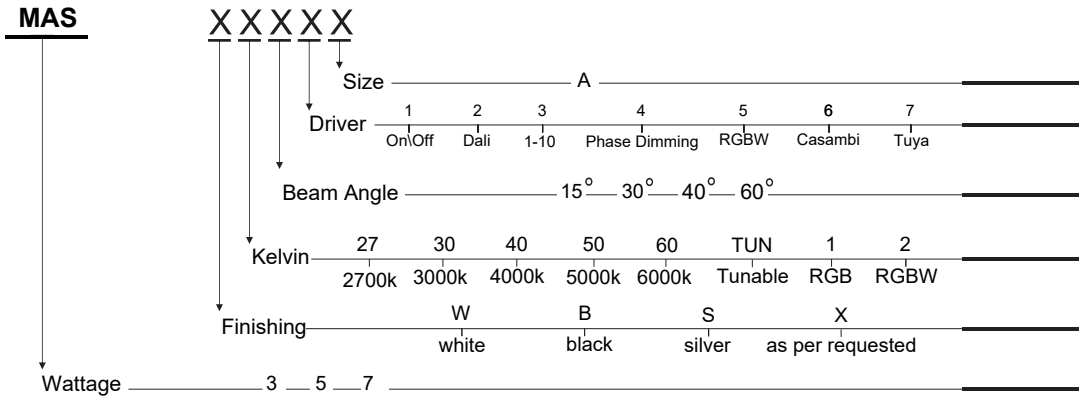
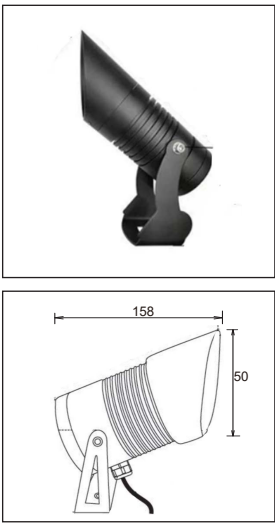
**FIELDS OF APPLICATION:**

Garden, landscape lighting, etc.

**MAS-A-1-15-27-W-7W**



Model --- **MAS**



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

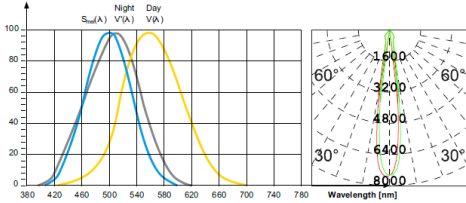
IP65 COB McA Step 3 220-240V



A - Ø 50-158-360mm

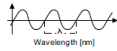
**Relative spectral perception of brightness and melanopic effect**

Effect as a percentage

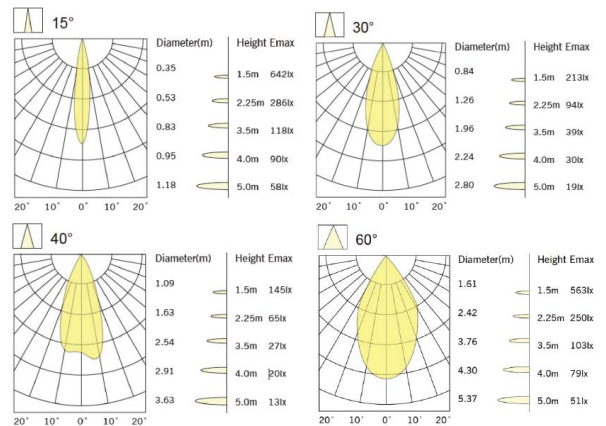
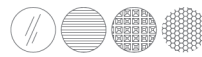


Explanation of the three curves:

V<sub>A</sub>(λ) = Perception of brightness, daytime seeing with the cones  
 V<sub>N</sub>(λ) = Nighttime seeing with the rods  
 S<sub>0.01</sub>(λ) = Melanin suppression with the photosensitive ganglion cells



**Available 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
		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

