



## System luminaires

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

Office & Education, offices, open-plan offices, conference rooms, conference rooms, reception areas, counters, galleries, hotels, restaurants, living spaces

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

High Lumen Efficacy 140lm/W

Body - Anodized aluminum

Diffuser - Polycarbonate milkey or black diffuser

Glowing Wire Test - 850°

Temperature - ta=20 °C ~ ta max=50 °C

Class - I

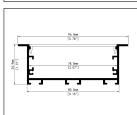


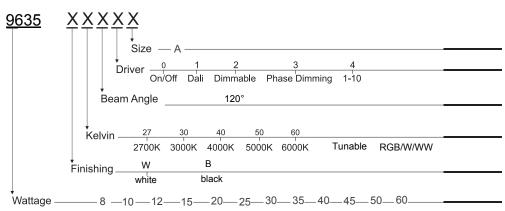






**Product Assistant Chart** 





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

COB McA Step 3 220~240V

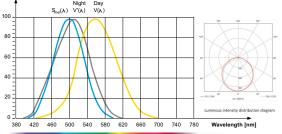


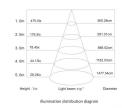




## Relative spectral perception of brightness and melanopic effect

Effect as a percentage







Explanation of the three curves:  $V(h) = Perception of brightness, daytime seeing with the cones <math display="block">V(p) = Night-time seeing with the rods \\ S_{loc}(h) = Melatonin suppression with the photosensitive ganglion cells <math display="block">S_{loc}(h) = Night = Ni$ 





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























