



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 115lm/W

Body - Die cast aluminum housing with solvent free powder coating

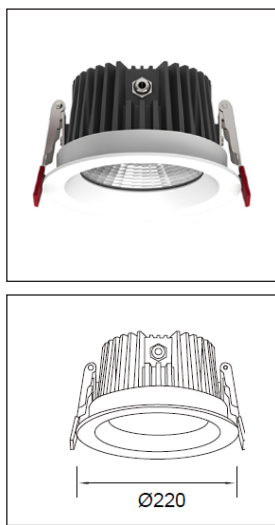
Diffuser - PMMA polycarbonate pattern lens.

Glowing Wire Test - 850°

Temperature - ta=20 °C ~ ta max=50 °C

Class - III

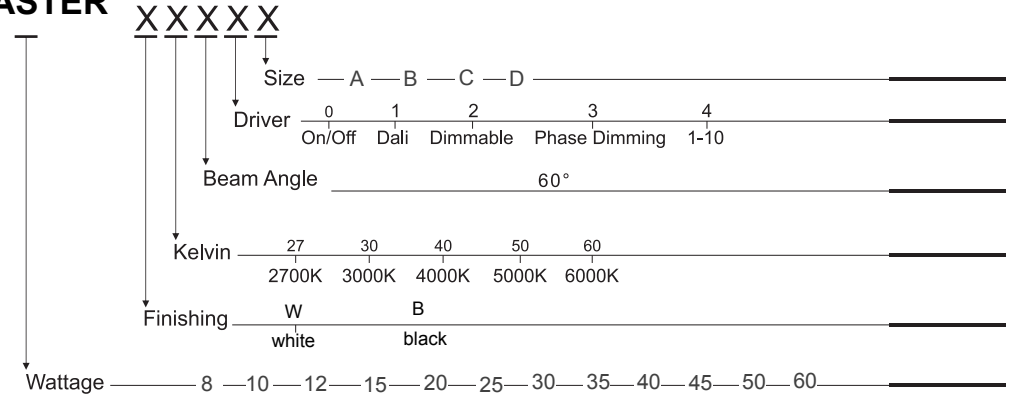
Model --- **ASTER**



Default Available

Product Assistant Chart

**ASTER**



**A - Ø110-62mm**

**B - Ø127-75mm**

**C - Ø145-85mm**

**D - Ø200-95mm**

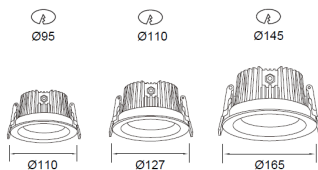
Lighting Customization Solution; can offer you modifications for environment with higher options as a customized product.

**IP65**

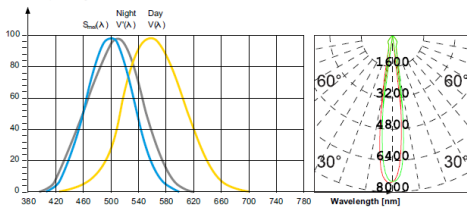
COB

McA Step 3

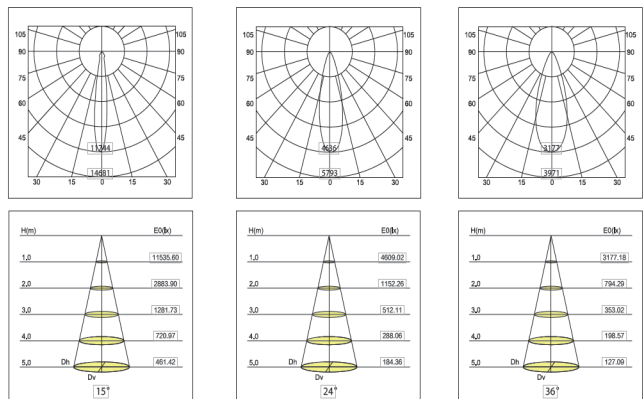
220~240V



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(N) = Nighttime seeing with the rods  
 S<sub>M</sub>(A) = Melatonin suppression with the photosensitive ganglion cells



LED life time		Operating time 1.000 h										
Lamp Lumen Maintenance Factor	Lamp Survival Factor	1	10	20	30	40	50	60	70	80	90	100
L80	50.000 h	LLMF	1	0.96	0.92	0.88	0.84	0.80	0.76	0.72	0.68	0.60
		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	0.80
		LSF	1	1	1	1	1	1	1	0.99	0.99	0.99



LED

CRP 90

series wiring



LM-80



FLICKER FREE