



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 --- MARS



Default Available

**MARS-A-0-15-27-W-6W**



Product Assistant Chart

**MARS**

X X X X X

Size	A	B	C	D						
Driver	0	1	2	3	4					
	On/Off	Dali	Dimmable	Phase Dimming	1-10					
Beam Angle	15°	24°	38°	60°						
Kelvin	27	30	40	50	60					
	2700K	3000K	4000K	5000K	6000K					
Finishing	W	B								
	white	black								
Wattage	6	8	10	12	15	20	25	30	35	40

- A - Ø 110-75mm
- B - Ø 135-85mm
- C - Ø 167x99mm
- D - Ø 230x128mm

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



McA Step 3

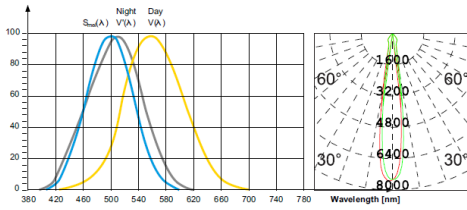
220~240V



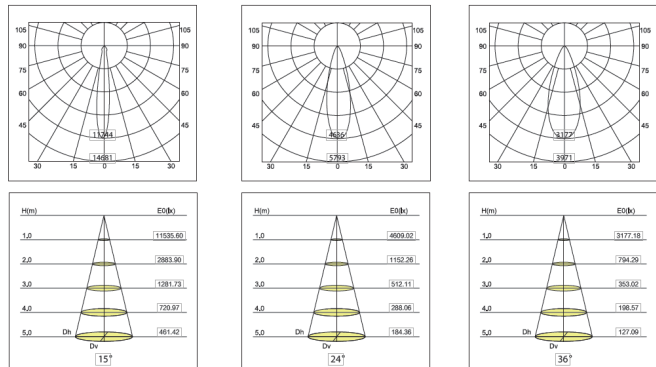
- Ø90
- Ø115
- Ø147
- Ø210

### 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(A) = Nighttime seeing with the rods  
S<sub>rel</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	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	0.99	0.99	0.99	0.99	



LED



series wiring



LM-80



FLICKER FREE