



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 single optic lens family in the most popular sizes and beams with excellent color rendering, and Supreme light quality.

FIELDS OF APPLICATION:

Garden, landscape lighting, etc.

The MARMO In-ground light adaptable for outdoor applications.

High Lumen Efficacy 115 lm/W
Front cover - Stainless Steel SUS 316L
Body - Stainless Steel SUS 316L
Optical lens efficiency>90%
PCB High heat-conductive rate aluminum, conductivity>2.0w/mk
Driver - High efficiency, low flicker driver
Gasket - Molding shaped silicone seal
Wire - 2m H05RN-F 2x0.75mm2
Glowing Wire Test - 850°
Cable gland - Nickel coated copper/ABS
Mounting sleeve - ABS/PVC Temperature - of=20 °C ~ of max=40 °C

Model --- **MARMO**

MARMO-A-1-60-27-W-4.5W



MARMO

X	X	X	X	X	Size	A	
					Driver	1 2 3 4 5 6 7	
						On/Off Dali 1-10 Phase Dimming RGBW Casambi Tuya	
					Beam Angle	60°	
					Kelvin	27 30 40 50 60 TUN 1 2	
						2700k 3000k 4000k 5000k 6000k Tunable RGB RGBW	
					Finishing	W B G X	
						white black grey as per requested	
					Wattage	3*1.5	

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

IP68



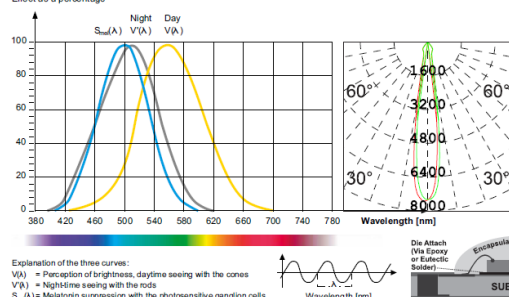
McA Step 3

24V DC

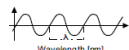


A - Ø 75-42mm

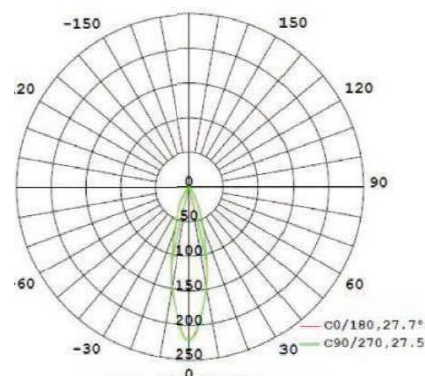
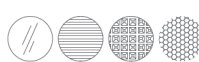
Relative spectral perception of brightness and melanopic effect
Effect as a percentage



Explanation of the three curves:
V(λ) = Perception of brightness, daytime seeing with the cones
V(λ) = Nighttime seeing with the rods
S_m(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	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

