



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.

FIELDS OF APPLICATION:

Living spaces, villas, residential, offices, showrooms, hotels, restaurants, buildings, hospitals, shopping malls, supermarket, etc.

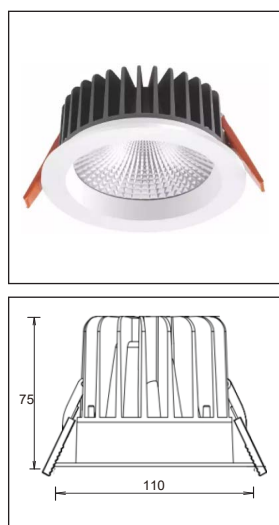
The MARS Recessed ceiling luminaries adaptable for indoor applications.

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

MARS-A-1-15-27-W-10W



Model --- **MARS**



MARS

X	X	X	X	X	Size	A — B — C — D									
					Driver	1	2	3	4	5	6	7			
						On/Off	Dali	1-10	Phase Dimming	RGBW	Casambi	Tuya			
					Beam Angle	15° — 24° — 36° — 60°									
					Kelvin	27	30	40	50	60	TUN	1	2		
						2700k	3000k	4000k	5000k	6000k	Tunable	RGB	RGBW		
					Finishing	W — B — S — X									
						white	black	silver			as per requested				
						10	15	18	20	24	30	35	40	45	50

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

IP44



McA Step 3

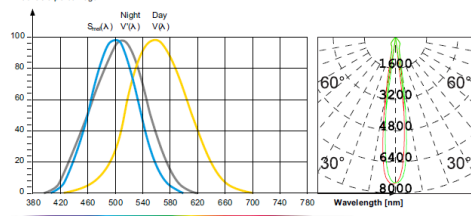
220-240V



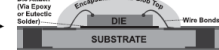
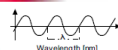
A - Ø 110-75mm	90mm
B - Ø 133-85mm	115mm
C - Ø 165-100mm	147mm
D - Ø 195-105mm	175mm

Relative spectral perception of brightness and melanopic effect

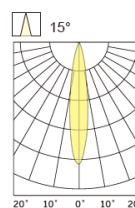
Effect as a percentage



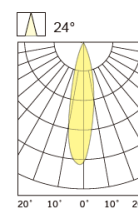
Explanation of the three curves:
V(A) = Perception of brightness, daytime seeing with the cones
V(A) = Nighttime seeing with the rods
S_{LM}(A) = Melanin suppression with the photosensitive ganglion cells



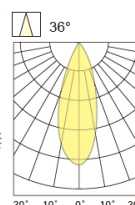
Available Accessories



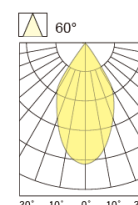
Diameter(m)	Height Emax
0.42	1.5m 1353lx
0.63	2.25m 601lx
0.99	3.5m 249lx
1.13	4.0m 190lx
1.41	5.0m 122lx



Diameter(m)	Height Emax
0.57	1.5m 969lx
0.86	2.25m 431lx
1.34	3.5m 178lx
1.53	4.0m 136lx
1.91	5.0m 87lx



Diameter(m)	Height Emax
0.94	1.5m 509lx
1.41	2.25m 226lx
2.20	3.5m 94lx
2.51	4.0m 72lx
3.14	5.0m 46lx



Diameter(m)	Height Emax
1.60	1.5m 601lx
2.40	2.25m 267lx
3.73	3.5m 110lx
4.26	4.0m 85lx
5.33	5.0m 54lx

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	0.99	0.99	0.99	0.99

