



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:

Decorative lighting, cabinets, desk lighting, etc.

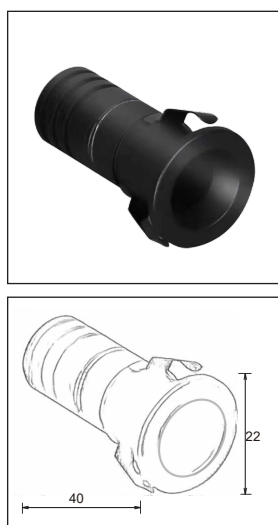
The MICRO Recessed ceiling luminaries adaptable for indoor applications.

High Lumen Efficacy 115 lm/W - UGR<19
Body - Die cast aluminum housing with solvent free powder coating
Diffuser -polycarbonate pattern lens
Glowing Wire Test - 850°
Temperature - of=20 °C ~ of max=50 °C

MICRO-A-1-8-27-W-1W



Model --- **MICRO**



A - Ø 22-40mm 18mm

MICRO

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	8° 10° 15° 20°	
					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	
					Wattage	1	

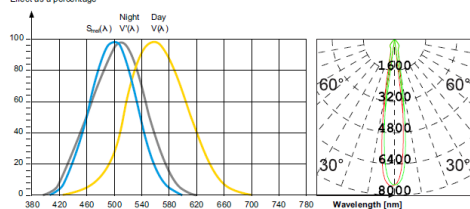
Lighting Customization Solution can offer you modifications for environment with higher options as a customized product.

IP20 SMD McA Step 3 220-240V

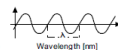


Relative spectral perception of brightness and melanopic effect

Effect as a percentage

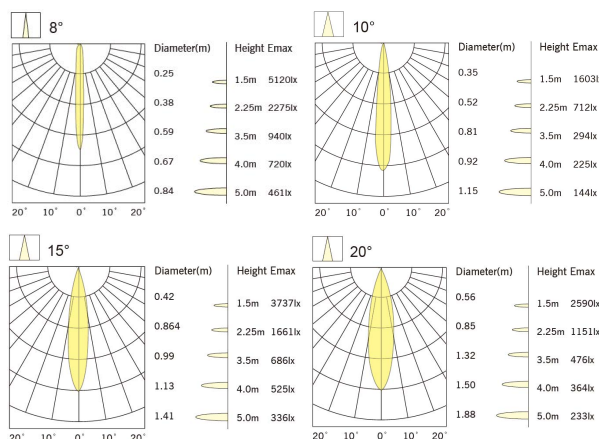
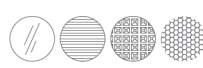


Explanation of the three curves:
V(λ) = Perception of brightness, daytime seeing with the cones
V(λ) = Nighttime seeing with the rods
S_{rel}(λ) = Melanin suppression with the photosensitive ganglion cells



Die Attach (Via Epoxy or Solder)
Encapsulation into Glass Chip
Wire Bonds
SUBSTRATE

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
		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

