



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, buildings, etc.

The KATY Recessed ceiling luminaries adaptable for indoor application.

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

## KATY-A-1-15-27-W-8W



Model --- **KATY**



### KATY

X X X X X

Size	A - B	
Driver	1 On/Off	2 DALI
	3 1-10	4 Phase Dimming
	5 RGBW	6 Casambi
	7 Tuya	
Beam Angle	15°	24°
	36°	60°
Kelvin	27 2700K	30 3000K
	40 4000K	50 5000K
	60 6000K	TUN Tunable
	1 RGB	2 RGBW
Finishing	W White	B Black
	S Silver	X as per requested
Wattage	8	10
	12	18
	20	

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

IP54



McA Step 3

220-240V

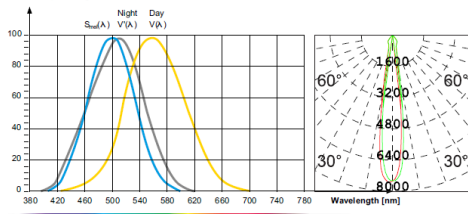


A - Ø 70-70mm 56mm

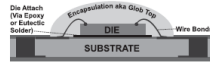
B - Ø 110-75mm 94mm

### Relative spectral perception of brightness and melanopic effect

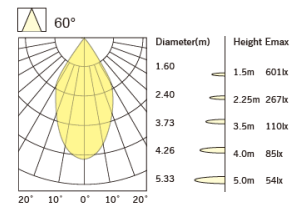
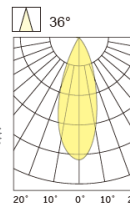
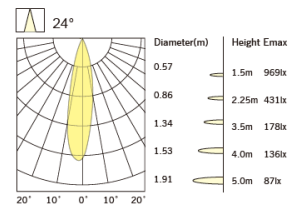
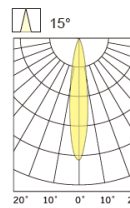
Effect as a percentage



Explanation of the three curves:  
 V(A) = Perception of brightness, daytime seeing with the cones  
 V(A) = Nighttime seeing with the rods  
 S\_n(A) = Melanopsin suppression with the photosensitive ganglion cells



### Available Accessories



### LED life time

		Operating time 1.000 h										
		1	10	20	30	40	50	60	70	80	90	100
Lamp Lumen Maintenance Factor		1	1	1	1	1	1	1	1	1	1	1
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	1	0.99	0.99	0.99



LED

AC220-240V

series wiring



LM-80

