



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.

The INDU Surface ceiling luminaries adaptable for indoor application.

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

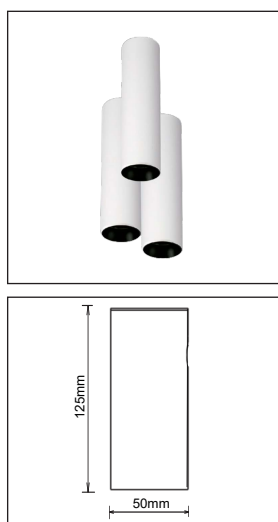
FIELDS OF APPLICATION:

Residential, offices, showrooms, hotels, buildings, galleries, etc.

INDU-A-1-15-27-W-8W



Model --- **INDU**



INDU

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	15° 24° 38° 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		
						8	10	12	18	20			

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

IP44



McA Step 3

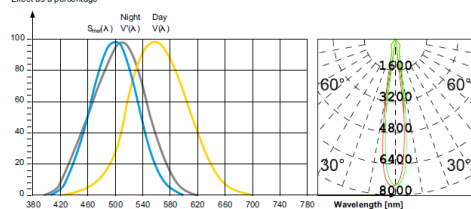
220-240V



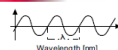
A - Ø 50-125mm

Relative spectral perception of brightness and melanopic effect

Effect as a percentage

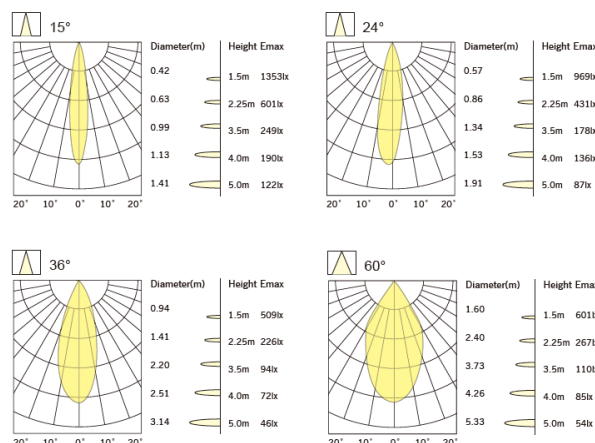
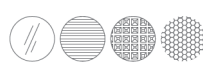


Explanation of the three curves:
V_l(λ) = Perception of brightness, daytime seeing with the cones
V_l(λ) = Nighttime seeing with the rods
S_{rel}(λ) = Melanin suppression with the photosensitive ganglion cells



Die Attach (Via Epoxy or Solder)
Encapsulation via Glue Top
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	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

