SPECIFICATION:

Description: NEW Snake Cobra, without narrow beam lens, c/w Nichia Japan LED Chip

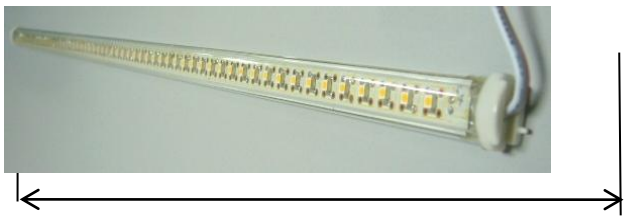
1. Chip LED: To be imported from Nichia Japan who has numbers of world wide patent on blue/white LED Chip LED. Chip diode must be encapsulated with silicone resin in consideration of thermal stress, heat dissipation and UL degradation.

2. Power Consumption, LED Colour type, and Lumens as per each model:

Model / LED pitch	Colour Temperature (typ.)	Lumens / meter	Wattage / meter
Cold White/ 10mm pitch	9000K	840 lumens	11.9Watt
Cold White/ 15mm pitch	9000K	560 lumens	7.9Watt
Warm White/ 10mm pitch	3000K	340 lumens	11.9Watt
Warm White/ 15mm pitch	3000K	230 lumens	7.9Watt

3. Casing: LED chip to be mounted onto PCB at 10mm pitch/15mm pitch, encapsulated with polycarbonate casing of 12mm(height) x 19mm(width) x specified length(up to 1.2meter at maximum)

4. Dimension: 12mm(H) x 19mm(W) x cutomized up to 1.2meter(max)



Length to be customized up to 1.2meter(max)



5. Beam Angle 120degree (typical)

6. Power/Voltage: DC12V

7. Colour Chromaticity

a) Cold White (typical 9000K)

colour cordinate	Rank A rank			
x	0.280	0.264	0.283	0.296
y	0.248	0.267	0.305	0.276

b) Warm White (typical 3000K)

colour cordinate	Rank f1					
x	0.4255	0.4390	0.4680	0.4970	0.4770	0.4519
y	0.4000	0.4310	0.4385	0.4466	0.4137	0.4086

8. Expectancy Life span: 50,000 hrs based on light intensity maintenance of 70% at 25℃(Ta)

9. Water-Resistant Level: Equivalent to IPX5 level

10. AC/DC Switching Power Supply: 100W type , Nemic Lambda Brand (Japanese manufacturer) Output DC12V, Dimension: 28mm(W) x 82mm(H) x 179mm(D), comform to RoHs, , UL60950-1/CSA C22.2 No.60950-1, CE marked

11. LED shall conform to RoHs requirements.

OPTIONAL ITEM: PWM Dimming Controller Unit, DC12V, max.10A

Dimming range 5%-100%

Dimension: 65mm x 54mm x 37mm(H)



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