ARISTO
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R&D and manufacturing

SPECIFICATION:

Description: NEW Snake Anacon, c/w narrow beam lens, c/w Nichia Japan LED Chip

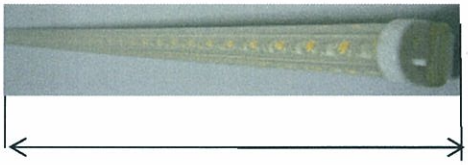
1. Chip LED: To be imported from Nichia Japan who has numbers of world wide patent on blue/white LED Chip LED. Chip diode must be encapsulated with silicone resin in consideration of thermal stress, heat dissipation and UL degradation.

2. Each diode is 0.16W of power consumption, including the curcuit power loss. Per 1meter is is approx10W.

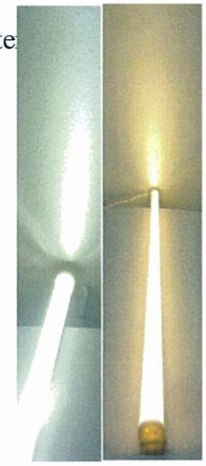
3. Light Intensity of LED chip: a) Daylight (5000K typ.): 900 lumens per meter (typical)
b) Warm White (3000K typ.): 790 lumens per meter (typical)

4. Casing: LED chip to be mounted onto PCB at 15mm pitch, encapsulated with polycarbonate casing of 27.5mm(height) x 20mm(width) x specified length(up to 1.2meter at maximum)

5. Dimension: 27.5mm(H) x 20mm(W) x cutomized up to 1.2mete



Length to be customized up to 1.2meter(max)



6. Beam Angle 30degree (typical)

7. Power/Voltage: DC12V

8. Colour temperature:

Daylight (5000K typical)

colour cordinate	Rank C0			
x	0.330	0.330	0.361	0.356
y	0.318	0.360	0.385	0.351

Warm White (3000K typical)

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

9. Expectancy Life span: 40,000 hrs based on light intensity maintenance of 70% at 25℃(Ta) and 25mA

10. Water-Resistant Level: Equivalent to IPX5 level

11. 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

12. 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)



Contact:
Aristo Engineering Pte Ltd.
Blk 115A Commonwealth Drive 17/20
Tanglin Halt Industrial Estate SIngapore
Tel: (65) 6479-2358