

LED Tube – Preliminary Data Sheet

White: 300 LED's, 20W, 240VAC

Warm White: 300 LED's, 20W, 240VAC

Technical Specification for LED Light Tube

4' LED Light Tube (300 LEDs - Clear)

White

Warm White

Input Voltage	240 VAC	
Power Consumption	type 20W	
No of LED	300	
Power Consumption per LED	type 0.06W	
LED Luminous Efficiency	type 90 lm/watt	type 82 lm/watt
Flux	~ 1800 lm	~ 1650 lm
Efficiency (%)	>85%	
Illumination (E)	~ 500 lux	~450 lux
Effective Illuminated Area	3.5m x 4.7m	3.5m x 4.7m
Colour Temperature	4,500K-6,500K	2,850K - 3,800
Beam Angle	120 °	
Colour Index (CRI)	> 75	
Working Temperature	-20 °C ~ 40 °C	
Working Humidity	10% ~ 90% RH	
Storage Temperature	10 °C ~ 85 °C	
Lifetime	50,000 hours	
Net Weight	~500g	
Application	Indoor Usage	
Casing Construction	Front	Polycarbonate
	Back	Aluminium
Dimensions	Length	1200mm
	Radius	30mm
IP Rating	IP 53	

Remark: Colour Temperature

Neutral White = 4,500K to 5,000K

Cool White = 5,500K to 6,300K