

# ECO Tube – Preliminary Data Sheet

**White: ADV-W-D-T103-V-N (300 LED's, 20W, 240VAC)**

**Warm White: ADV-F-D-T103-Q-N (300 LED's, 20W, 240VAC)**

## Technical Specification for ECO Tube

4' LED Light Tube (300 LEDs - Clear)		White	Warm White
Input Voltage	240 VAC		
Power Consumption	typ 20W		
No of LED	300		
Power Consumption per LED	typ 0.06W		
LED Luminous Efficiency		typ 90 lm/watt	typ 82 lm/watt
Flux		~ 1800 lm	~ 1650 lm
Efficiency (%)	>85%		
Illumination (E)	1m	~ 500 lux	~ 450 lux
Effective Illuminated Area	1m	3.5m x 4.7m	3.5m x 4.7m
Color Temperature		4,500K-6,500K	2,850K - 3,800K
Beam Angle	120 °		
Color 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	Aluminum	
Dimensions	Length	1200mm	
	Radius	30mm	
IP Rating	IP 53		