


An IP67 waterproof DC48Volts LED tube designed to provide interior light for the various aviary equipment.

This tube has 10 cm of integrated electric cable at each end with male and female connector for quick and easy installation.

(3 Omega type fasteners are provided for a perfect grip on a stainless steel wire)



	Tube Series "Inside Aviary"			
Product code	TE18-6W48V-3000K	TE24-8W48V-3000K	TE18-12W48V-RB	TE24-12W48V-RB
Designation	IP67 waterproof LED tube in 6W, 8W, 12W dimming Special interior aviary			
Structure	Robust molded plastic with polycarbonate optic and polymer cable gland Aluminum interior structure			
Mounting options and connectors	Support / stainless steel cable tie			
	Integrated 10 cm electric cable with quick connector (Ph/N) - Class II			
Current flow	Integrated bypass			
Dimensions	1800 mm Ø25 mm	2400 mm Ø25 mm	1800 mm Ø25 mm	2400 mm Ø25 mm
Washable	Yes at 1500 psi / 100 bar at 1 meter			
LED diode brand	Samsung			
Consumption	6W	8W	12W (6W/3000K + 6W/Red)	
Light power	720 lm	960 lm	1020 lm (720 lm/3000K + 300 lm/Red)	
Luminous efficiency	120 lm/W Warm white - 50 lm/W Red (optical outlet)			
Variation	from 0.5% to 100% on DC48V Ext. 0-10V			
Color T°	3000K		3000K + 1000K	
Color rendering index	≥83			
Optical - Angle of	Clear – 150°			
% flicker of non-visible	4%			
IP / IK	IP 67 / IK 08			
Power factor / THD	0.95 / 15%			
Permissible ambient T°	-20°C / +40°C			
Lifetime / Warranty	≥80 000h / 5 years			
Certification				



0-10V dimming external driver		
Product code	FDR48V-200W	FDR48V-300W
Number of units per	30 units/200W	45 units/300W
Supply voltage /	Input 100-277VAC 50Hz - Output 48 volts DC	
PF :	>0.97	
THD :	<19	
Certification	CE	