


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

This tube has 4" of integrated electric cable at each end with male and female connector for quick and easy installation.



	Tube Series "Aviary System"		
Product code	TL6L-6W-48V-30K	TL8L-8W-48V-30K	TL8L-12W48V-RW
Designation	IP67 waterproof LED tube in 6W, 8W and 12W dimming   Special aviary system		
Structure	Robust molded plastic with polycarbonate optic and polymer cable gland Aluminum interior structure		
Connectors	Integrated 10 cm electric cable with quick connector (Ph/N) - Class II		
Current flow	Integrated bypass		
Dimensions	6' Ø25 mm	8' Ø25 mm	
Washable	Yes at 1500 psi / 100 bar at 1 meter		
LED diode brand	Samsung		
Consumption	6W	8W	12W (8W/3000K + 4W/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 diffusion	Clear – 150°		
% flicker of non-visible light	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	DR48V-200W	DR48V-300W
Supply voltage / Frequency	Input 100-277VAC 50/60Hz - Output 48 volts DC	
PF :	>0.97	
THD :	<19	
Certification	