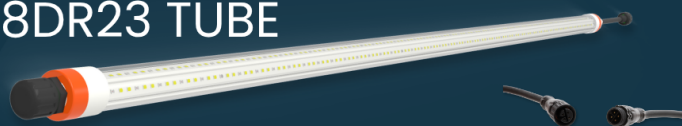


TE18DR23 TUBE



The ultimate lighting solution combining comfort and optimized performance.

Dual-Control Red and White LED Tube: This 23 W IP67 waterproof LED tube features a 3.5 m integrated power cable and pre-installed male and female connectors for fast and easy installation. Offering exceptional flexibility, the tube allows independent control of the red and white LEDs, while its 360° rotating end cap ensures optimal light positioning. Combined red and white lighting technology helps improve livestock productivity, welfare, and behavior by providing greater control over the lighting environment.

Product Code	TE18DR23WRB
Power	23 W (8 W red and 15 W white)
Length - Diameter	1,800 mm – Ø28 mm
Luminous flux	2,530 lm
Luminous efficiency	110 lm/W optical output
Colour temperature	From 1,500 K to 6,500 K Red and White
Dual-Channel Control	Independent control of Red and 6,500 K White LEDs
Dimming Range	Independent dimming from 0.2% to 100% via 230 V supply or 0-10 V control signal
Diffuser	Clear
Washable	Yes to 1,500 psi / 100 bar at 1 meter
Bypass protection	Built-in
IP rating	IP67
IK rating	IK08
Color rendering index	≥ 85
Flicker (non-visible)	< 4%
Total Harmonic Distortion (THD)	< 15%
Glare Rate-Standard 12464-1	≤ 23 (Cloakroom, technical room, store)
Power factor	0.95
Beam angle	220° (V-shape)
Materials	Robust molded plastic with polycarbonate optics and polymer gland Aluminum interior structure
Mounting and electrical connection	Attachment supplied: open/closed eyelets Built-in 3.50 m power cable with quick connector (Ph/N) – Class II
Permissible ambient temperature	-20 °C to +40 °C
Voltage / Frequency	175-285 V AC / 50 Hz
Lifespan / Warranty	≥ 80,000 h / 5 years (manufacturing defects)
Certifications	CE