

TE18REG23 TUBE



The ultimate lighting solution combining comfort and optimized performance.

Full Spectrum Tube : Designed for demanding agricultural applications, this 23 W IP67-rated waterproof LED tube combines robustness, flexibility and performance. Fitted with an integrated 3.5 m power cable and male-female connectors, it enables fast and straightforward installation. The rotating end cap allows precise positioning of the light beam to achieve optimum coverage. Using Full Spectrum technology, it provides a balanced light output that closely resembles natural daylight, helping to enhance animal welfare while supporting productive livestock operations.

Product Code	TE18REG23WFS
Power	23 W
Length and Diameter	Length of 1,800 mm – Ø28 mm
Luminous Flux	2,760 lm
Luminous efficiency	120 lm/W optical output
Current flow	Built-in bypass
Washable	Yes to 1,500 psi / 100 bar at 1 meter
Dimming	Green and Red LEDs combined Mono Regulation from 0.2% to 100% on 230 V or via 0-10 V signal
Colour temperature	Full Spectrum 7,000 K
Color rendering index	≥ 88
Optics	Clear
Beam angle	220°
% invisible flicker	< 4%
Glare Rate-Standard 12464-1	≤ 23 (Cloakroom, technical room, store)
IP water protection rating	IP67
Impact protection rating IK	IK08
Power factor	0.95
Total Harmonic Distortion (THD)	< 15%
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/50 Hz
Lifespan / Warranty	≥80,000 h / 5 years
Certifications	CE