

# TUBE TE12REGi-T250



the ultimate lighting solution  
combining comfort and  
optimized performance

Designed for demanding agricultural environments, this IP67-rated waterproof LED tube provides a robust and easy-to-install lighting solution. Featuring a T-cable with a 500 mm center drop and integrated male/female connectors with 2.5 m leads on each side, it simplifies transverse installations while ensuring long-lasting performance and exceptional reliability.

| Product Code                       | TE12REGi30KC-T250                                                                                                                                          | TE12REGi40KC-T250 | TE12REGi65KC-T250 |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|
| Power                              | 18 W                                                                                                                                                       |                   |                   |
| Length - Diameter                  | Length of 1,200 mm - Ø28 mm                                                                                                                                |                   |                   |
| Luminous flux                      | 2,520 lm                                                                                                                                                   |                   |                   |
| Luminous efficacy                  | 140 lm/W optical output                                                                                                                                    |                   |                   |
| Colour temperature                 | 3,000 K                                                                                                                                                    | 4,000 K           | 6,500K            |
| Dimming                            | Adjustable from 0.2 % to 100 % on 230 V or via 0-10 V signal                                                                                               |                   |                   |
| Diffuser                           | Clear                                                                                                                                                      |                   |                   |
| Washable                           | Yes to 1,500 psi / 100 bar at 1 meter                                                                                                                      |                   |                   |
| Voltage / Frequency                | 175-285 V / 50 Hz                                                                                                                                          |                   |                   |
| Bypass protection                  | Built-in                                                                                                                                                   |                   |                   |
| IP rating                          | IP67                                                                                                                                                       |                   |                   |
| IK Rating                          | IK08                                                                                                                                                       |                   |                   |
| Color rendering index              | ≥ 85                                                                                                                                                       |                   |                   |
| Flicker Rate                       | < 4 %                                                                                                                                                      |                   |                   |
| Glare Rate                         | ≤ 23 (Cloakroom, technical room, store)                                                                                                                    |                   |                   |
| Power factor                       | 0.95                                                                                                                                                       |                   |                   |
| Total Harmonic Distortion (THD)    | < 15 %                                                                                                                                                     |                   |                   |
| Permissible ambient temperature    | -20 °C to +40 °C                                                                                                                                           |                   |                   |
| Beam angle                         | 220°                                                                                                                                                       |                   |                   |
| Designation                        | IP67 waterproof LED tube in 18 W Adjustable<br>rotatable end-cap = possibility of 360° tube rotation                                                       |                   |                   |
| Mounting and electrical connection | Attachment supplied: open/closed eyelets<br>Built-in electrical cable; T-shaped with 500 mm then two sides of 2.5 m with quick connector (Ph/N) – Class II |                   |                   |
| Materials                          | Robust molded plastic with polycarbonate optics and polymer gland<br>Aluminum interior structure                                                           |                   |                   |
| Lifespan / Warranty                | ≥ 80,000 h / 5 years (manufacturing defects)                                                                                                               |                   |                   |
| Certifications                     | CE                                                                                                                                                         |                   |                   |