



Low Energy Designs
Limited

SMARTROD LED

INTELLIGENT ENERGY SAVING SOLUTIONS WITH THE SMARTROD



Customers want lighting solutions that provide quality of light and substantial energy and maintenance savings. The SmartROD series provide a low-energy linear LED lighting solution which typically replaces most fluorescent tubes.

Features & Functions

- Fully Dimmable 0-10V or DALI
- Aluminium 4 stage powder, fire retardant
- Prismatic or Micro Diffusers
- Integrated 3hr maintained emergency optional
- Designed, manufactured and assembled in the UK
- Intelligent Controls: Microwave—Daylight Monitoring, Motion Detection & Tri-level Control
- High Lumen Active LED Output
- 59,000hr lifetime LM-80 B10
- Maintenance Free
- Environmentally Friendly
- Meanwell Power Supplies
- Simple installation with three core PVC cable complies with IEC 60227 52 / UL 94V0

| Product | MiniROD 50 | SmartROD 50 | SmartROD 80 |
|--|---|---------------------------|---------------------------|
| Product Code | MR50-2-CW-FMP-NR-W-?AC-?C | SM50-4-CW-FMP-NR-W-?AC-?C | SM80-4-CW-FMP-NR-W-?AC-?C |
| Supply Voltage | 220—240V 50/60Hz | | |
| Power Rating (Circuit) | 50 Watts | 50 Watts | 80 Watts |
| Lumens | 6028 | 8630 | 14256 |
| LED Lifetime | 59,000 hours LM-80 B10 | | |
| Ingress | IP22 | | |
| Body Material | Aluminium Body White Powder Coated | | |
| Operating Temperature | -20°C to +50°C Ambient | | |
| Light Cooling | Convection & Over-heat protection | | |
| Colour Rendering | 5000k (+/-5%) Ra <80 Typical | | |
| Compliance | CE, RoHS 2011/65/EU, EMC 2014/35/EU, LVD 2014/35/EU | | |
| Dimensions LxWxH | 625 x 50 x 110 | 1270 x 50 x 110 | 1270 x 50 x 110 |
| Weight | 2.9kg | 4.1kg | 4.1kg |
| Mounting | Direct to flat surface or suspended | | |
| Emergency versions available—3 hour maintained, integrated into LED luminaire. Dims to 10% of original output. | | | |