

430028

Technical Specification

Linear

Stanford Anti-Corrosive 27W 4000K 5ft Single - Grey



• High efficacy up to 145LPCW • Anti-distortion housing • Improved thermals utilising aluminium back PCBs • Opal, ribbed polycarbonate diffuser to reduce glare • Stainless steel clips • H3 – High Output Emergency 440lm option available



General Data

| | |
|---------------------------------------|---------------------------------------|
| Technology | LED |
| Mounting options | Ceiling Wall Suspended |
| Electrical Connector Type | Screw terminal |
| Install Options | Fixing Bracket |
| Input Cable | No |
| Input Electrical Connection | Live Neutral Earth |
| General Application | Industrial Commercial Educational |
| Operating Temperature Range °C | -20 - +40 |
| Warranty (Years) | 5 |

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Optical Data

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|---|---------|
| LED Manufacturer / Type | Smalite |
| Fixture Luminous Flux (Lm) | 3660 |
| Luminaire Efficacy @4000K (lm/W) | 133 |
| LOR % | 100 |
| Colour Selectable | No |
| Beam Angle° | 115 |
| Photobiological Risk Group | RG0 |

Light Source Data

| | |
|-------------------------------|------------|
| Energy Class | D |
| Lm/W | 133 |
| Colour Temperature (K) | 4000 |
| Light Colour | Cool White |
| CRI Ra | 80 |

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Electrical Data

| | |
|---|------------------|
| Wattage (W) | 27 |
| Total Power Consumption (W) | 27.5 |
| Mains voltage (V) | 220 - 240 |
| Lamp power factor | 0.95 |
| Electrical protection | Class I |
| Driver Output (V) | 20 - 54 |
| Driver Output Current (mA) | 500 |
| Control Gear Type CC or CV | Constant Current |
| PstLM | 0.09 |
| LED Flicker Rate | 11.26 |
| Dimmable | No |
| Driver Brand | Tridonic |
| Glow Wire Test (°C) | 10 |
| Nominal Frequency (Hz) | 50/60 |
| Surge Protection (kV) | 2 |
| Max. Luminaire per 10A C Breaker | 45 |
| Max. Luminaire per 13A C Breaker | 60 |
| Max. Luminaire per 16A C Breaker | 75 |
| Max. Luminaire per 20A C Breaker | 90 |
| Max. Luminaire per 10A B Breaker | 36 |
| Max. Luminaire per 13A B Breaker | 48 |
| Max. Luminaire per 16A B Breaker | 60 |
| Max. Luminaire per 20A B Breaker | 72 |

Lifetime Data

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|-------------------------------------|-------|
| Lifespan L70 B50 @25°C (Hrs) | 50000 |
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Physical Data

| | |
|------------------------------------|---------------|
| Housing colour | 421C Grey |
| Body material | ABS |
| Driver Housing | Metal casing |
| IP Rating | 65 |
| IK Rating | 8 |
| Diffuser Material | Polycarbonate |
| Diffuser finish | Milky |
| Nominal Product Length (mm) | 1574 |
| Nominal Product Width (mm) | 90 |
| Nominal Product Height (mm) | 90 |
| Weight (kg) | 1.96 |

Standards and Approvals

| | |
|--------------------------------------|----------------------|
| Manufactured In Accordance To | EN 60598-1 |
| CE Mark | Yes |
| UKCA Mark | Yes |
| WEEE Symbol | Yes |
| Certificate Of Conformity | Available on Request |
| Accredited Members | LIA, ISO9001 |

