

Start Waterproof LED G3 DALI

START WATERPROOF LED G3 1500MM T 4K DALI

0048630



Product features

- Start Waterproof, integrated LED weatherproof luminaire, with UV stabilized flat diffuser and linear prisms designed to achieve uniform lit appearance, optimise light output and to reduce glare, stainless steel diffuser clips and fixing brackets for surface mounting. Polycarbonate housing, Polycarbonate diffuser, 7300lm, 58W, 126lm/W, 4000K, drive current 1050mA, DALI dimmable, CRI80, IP65, IK08, Class I, nominal average life (h):50000, 1578mm x 110mm x 78mm ,energy class: A++ A+ A



PRODUCT OVERVIEW

| | |
|---------------------------------|------------------------------------------|
| IPC Code | 0048630 |
| Product name | START WATERPROOF LED G3 1500MM T 4K DALI |
| Technology | LED |
| Housing | Polycarbonate |
| Mount | Ceiling Mounting and Suspended Mounting |
| Fixture rating | Enclosed |
| General application | Logistics & Industry |
| Certifications | EUNEW009 |
| ETIM Class | EC002892 |
| E-number FI | 4306958 |
| E-number SE | 7214452 |
| Fixture luminous flux (lm) | 7300 |
| Luminaire efficacy (lm/W) | 126 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Beam Angle (°) | 100 |
| Glare control | 25.6 |
| Photobiological Risk Group | RG0 |
| Total power consumption (W) | 58 |
| Electrical protection | Class I |
| Control gear type | Electronic dimmable DALI |
| Dimmable | Yes |
| Minimum dimming level (%) | 1 |
| LED Flickering Rate | Ultra low (5% or less) |
| Average life (Nominal) (h) | 50000 |
| Housing colour | Grey |
| IP rating | IP65 |
| IK rating | IK08 |
| Product EAN number | 5410288486307 |
| Lamps | Yes |
| Included lamp | INTEGRATED LED |

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DATA TABLE

General data

| | |
|----------------------------------|------------------------------------------|
| IPC Code | 0048630 |
| Product name | START WATERPROOF LED G3 1500MM T 4K DALI |
| Technology | LED |
| Housing | Polycarbonate |
| Mount | Ceiling Mounting and Suspended Mounting |
| Fixture rating | Enclosed |
| General application | Logistics & Industry |
| Operating temperature range (°C) | -20°C to +40°C |
| Certifications | EUNEW009 |
| ETIM Class | EC002892 |
| E-number FI | 4306958 |
| E-number SE | 7214452 |

Optical data

| | |
|---------------------------------|---------------|
| Fixture luminous flux (lm) | 7300 |
| Luminaire efficacy (lm/W) | 126 |
| Colour temperature (K) | 4000 |
| Light colour | Neutral White |
| CRI (Ra) | 80 |
| Colour Variation Initial (SDCM) | 3 |
| Beam Angle (°) | 100 |
| Distribution type | Direct |
| Glare control | 25.6 |
| Photobiological Risk Group | RG0 |

Electrical data

| | |
|----------------------------------------------------------------|--------------------------|
| Total power consumption (W) | 58 |
| Mains voltage (V) | 220-240V~ |
| THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x % | 16.0 |
| Mains frequency (Hz) | 0/50/60Hz |
| Electrical protection | Class I |
| Control gear required | No |
| Control gear type | Electronic dimmable DALI |
| Dimmable | Yes |
| Minimum dimming level (%) | 1 |
| Drive current (mA) | 1050 |
| Inrush Current (A) | 40 |
| Inrush Duration (µs) | 178 |
| Glow Wire Test (°C) | 850 |
| Nominal Frequency (Hz) | DC/50/60Hz |
| LED Flickering Rate | Ultra low (5% or less) |
| Max. Luminaires per 10A C Breaker | 15 |
| Max. Luminaires per 13A C Breaker | 20 |
| Max. Luminaires per 16A C Breaker | 23 |
| Max. Luminaires per 20A C Breaker | 30 |

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| | |
|-----------------------------------|----|
| Max. Luminaires per 10A B Breaker | 9 |
| Max. Luminaires per 13A B Breaker | 12 |
| Max. Luminaires per 16A B Breaker | 40 |
| Max. Luminaires per 20A B Breaker | 18 |

Lifetime data

| | |
|-----------------------------|-------|
| Lumen maintenance - L70 B50 | 60000 |
| Lumen maintenance - L70 B20 | 60000 |
| Lumen maintenance - L70 B10 | 60000 |
| Lumen maintenance - L80 B50 | 60000 |
| Lumen maintenance - L80 B20 | 60000 |
| Lumen maintenance - L80 B10 | 60000 |
| Lumen maintenance - L90 B50 | 59000 |
| Lumen maintenance - L90 B20 | 53000 |
| Lumen maintenance - L90 B10 | 50000 |
| Average life (Nominal) (h) | 50000 |

Physical data

| | |
|-----------------------------|---------------|
| Housing colour | Grey |
| IP rating | IP65 |
| IK rating | IK08 |
| Diffuser finish | Clear |
| Diffuser material | Polycarbonate |
| Nominal Product Length (mm) | 1578 |
| Nominal Product Width (mm) | 110 |
| Nominal Product Height (mm) | 78 |
| Weight (kg) | 2.42 |

Packaging

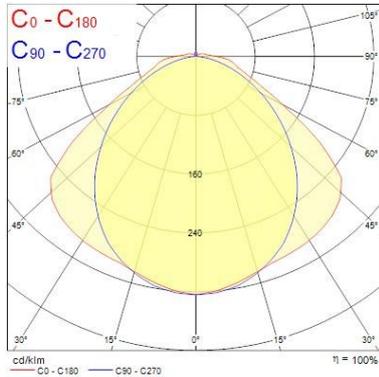
| | |
|---------------------------------------|----------------|
| Single packaging type | Carton |
| Product EAN number | 5410288486307 |
| Packaging single length / height (cm) | 167.2 |
| Packaging single width (cm) | 11.6 |
| Packaging single depth (cm) | 8.4 |
| DUN14 (outer) | 05410288486307 |
| Units per outer package | 1 |
| Packaging outer length / height (cm) | 167.2 |
| Packaging outer width (cm) | 11.6 |
| Packaging outer depth (cm) | 8.4 |

Safety data

| | |
|---------------------------|----|
| Dry applications use only | No |
|---------------------------|----|

PHOTOMETRY

Start Waterproof LED G3 DALI START WATERPROOF LED G3 1500MM T 4K DALI 0048630



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|----------------------------------------|
| 0.5 | 1.15 1.62 | E(0°) 9496 E(C90) 1363 E(C0) 690 |
| 1.0 | 2.30 3.24 | E(0°) 2374 E(C90) 338 E(C0) 173 |
| 1.5 | 3.45 4.86 | E(0°) 1085 E(C90) 149 E(C0) 77 |
| 2.0 | 4.60 6.48 | E(0°) 594 E(C90) 84 E(C0) 43 |
| 2.5 | 5.75 8.10 | E(0°) 390 E(C90) 54 E(C0) 28 |
| 3.0 | 6.90 9.71 | E(0°) 284 E(C90) 37 E(C0) 19 |

Distance [m] Cone diameter [m] illuminance [lx]
 — C0 - C180 (Half beam angle: 116.6°)
 — C90 - C270 (Half beam angle: 96.0°)

TECHNICAL DRAWINGS



SYLVANIA 0048630

This luminaire contains built in LED lamps.

A++

A+

A

B

C

D

E

} LED

The lamps cannot be changed in the luminaire.

874/2012

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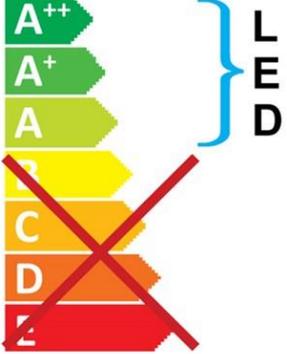
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