

Start Waterproof LED G3 fixed output

START WATERPROOF LED G3 600MM S 4K

0048609



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. GRP housing, Polycarbonate diffuser, 1450 lm, 12 W, 120 lm/W, 4000 K, drive current 350 mA, non dimmable, CRI80, IP65, IK08, Class I, nominal average lifetime (h): 50000, 665 mm x 110 mm x 78 mm, energy class: A++ A+ A



PRODUCT OVERVIEW

IPC Code	0048609
Product name	START WATERPROOF LED G3 600MM S 4K
Technology	LED
Housing	GRP
Mount	Ceiling Mounting and Suspended Mounting
Fixture rating	Enclosed
General application	Logistics & Industry
Certifications	EUNEW009
ETIM Class	EC002892
E-number SE	7214437
Fixture luminous flux (lm)	1450
Luminaire efficacy (lm/W)	120
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	100
Glare control	23.5
Photobiological Risk Group	RG0
Total power consumption (W)	12
Electrical protection	Class I
Control gear type	Electronic (constant current)
Dimmable	No
LED Flickering Rate	High (>40%)
Average life (Nominal) (h)	50000
Housing colour	Grey
IP rating	IP65
IK rating	IK08
Product EAN number	5410288486093
Lamps	Yes
Included lamp	INTEGRATED LED

Start Waterproof LED G3 fixed output

START WATERPROOF LED G3 600MM S 4K
0048609

DATA TABLE

General data

IPC Code	0048609
Product name	START WATERPROOF LED G3 600MM S 4K
Technology	LED
Housing	GRP
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 SE	7214437

Optical data

Fixture luminous flux (lm)	1450
Luminaire efficacy (lm/W)	120
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	100
Distribution type	Direct
Glare control	23.5
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	12
Mains voltage (V)	220-240V~
Lamp power factor	0.88
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20.0
Mains frequency (Hz)	0/50/60Hz
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic (constant current)
Dimmable	No
Drive current (mA)	350
Inrush Current (A)	3.78
Inrush Duration (µs)	42
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	High (>40%)
Max. Luminaires per 10A C Breaker	80
Max. Luminaires per 13A C Breaker	107
Max. Luminaires per 16A C Breaker	133
Max. Luminaires per 20A C Breaker	160
Max. Luminaires per 10A B Breaker	67

Start Waterproof LED G3 fixed output

START WATERPROOF LED G3 600MM S 4K
0048609

Max. Luminaires per 13A B Breaker	87
Max. Luminaires per 16A B Breaker	107
Max. Luminaires per 20A B Breaker	133

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)	665
Nominal Product Width (mm)	110
Nominal Product Height (mm)	78
Weight (kg)	1.12

Packaging

Single packaging type	Carton
Product EAN number	5410288486093
Packaging single length / height (cm)	77.5
Packaging single width (cm)	11.6
Packaging single depth (cm)	8.4
DUN14 (outer)	05410288486093
Units per outer package	1
Packaging outer length / height (cm)	77.5
Packaging outer width (cm)	11.6
Packaging outer depth (cm)	8.4

Safety data

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

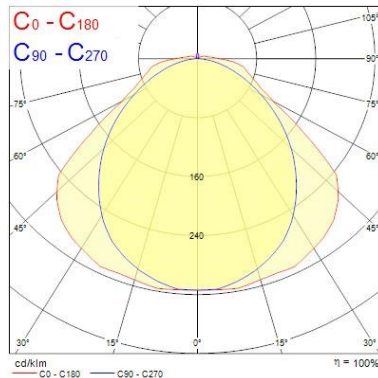
PHOTOMETRY

Start Waterproof LED G3 fixed output START WATERPROOF LED G3 600MM S 4K 0048609

0.5	1.17 1.52	E(0°) 1643 E(C90) 251 E(C0) 155
1.0	2.35 3.03	E(0°) 461 E(C90) 63 E(C0) 39
1.5	3.52 4.55	E(0°) 228 E(C90) 28 E(C0) 17
2.0	4.70 6.07	E(0°) 115 E(C90) 16 E(C0) 10
2.5	5.87 7.58	E(0°) 74 E(C90) 10 E(C0) 6
3.0	7.05 9.10	E(0°) 51 E(C90) 7 E(C0) 4

Distance [m] Cone diameter [m] Illuminance [lx]

— C0 - C180 (Half beam angle: 113.2°)
— C90 - C270 (Half beam angle: 99.2°)



TECHNICAL DRAWINGS



SYLVANIA 0048609

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

Start Waterproof LED G3 fixed output *START WATERPROOF LED G3 600MM S 4K* 0048609

