

Start Waterproof LED G3 Emergency

START Waterproof Single 1500 IP65 EM 4000lm 840
0067961



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, 301 stainless steel diffuser clips and fixing brackets for surface and wall mounting. Polycarbonate housing, Polycarbonate diffuser, 3950lm, 37 W, 107 lm/W, 4000 K, drive current 1050 mA, non dimmable, 3 hours emergency, CRI 80, IP65, IK08, Class I, nominal average life (h): 50000, 1578mm x 84mm x 75mm, energy class: A++ A+ A, D-mark



PRODUCT OVERVIEW

Product name	START Waterproof Single 1500 IP65 EM 4000lm 840
Technology	LED
Housing	PC Polycarbonate
Fixture rating	Enclosed
General application	Logistics & Industry
ETIM Class	EC002892
E-number FI	4309054
Warranty	5 years
Fixture luminous flux (lm)	3950
Luminaire efficacy (lm/W)	107
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	37
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
Housing colour	Grey
IP rating	IP65
IK rating	IK08
Product EAN number	5410288679617

DATA TABLE

General data

Product name	START Waterproof Single 1500 IP65 EM 4000lm 840
Technology	LED
Housing	PC Polycarbonate
Fixture rating	Enclosed
General application	Logistics & Industry

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Operating temperature range (°C)	0°C...+30°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4309054
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3950
Luminaire efficacy (lm/W)	107
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Glare control	< 25
Photobiological Risk Group	RG0
Emergency duration (h)	3

Electrical data

Total power consumption (W)	37
Mains voltage (V)	220-240V
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class I
Dimmable	No
Dimming method	N/A
Drive current (mA)	1050
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60Hz
Max. Luminaires per 10A C Breaker	20
Max. Luminaires per 13A C Breaker	30
Max. Luminaires per 16A C Breaker	40
Max. Luminaires per 20A C Breaker	50
Max. Luminaires per 10A B Breaker	16
Max. Luminaires per 13A B Breaker	24
Max. Luminaires per 16A B Breaker	32
Max. Luminaires per 20A B Breaker	40

Lifetime data

Lifespan L70 B50	60000
Lifespan L70 B20	60000
Lifespan L70 B10	60000
Lifespan L80 B50	60000
Lifespan L80 B20	60000
Lifespan L80 B10	60000
Lifespan L90 B50	59000
Lifespan L90 B20	53000
Lifespan L90 B10	50000

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Physical data

Housing colour	Grey
IP rating	IP65
IK rating	IK08
Diffuser finish	Transparent
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1578
Nominal Product Width (mm)	84
Nominal Product Height (mm)	75
Weight (kg)	2.26

Packaging

Single packaging type	Carton
Product EAN number	5410288679617
Packaging single length / height (cm)	167.2
Packaging single width (cm)	8.8
Packaging single depth (cm)	8.4
DUN14 (outer)	05410288679617
Units per outer package	1
Packaging outer length / height (cm)	167.2
Packaging outer width (cm)	8.8
Packaging outer depth (cm)	8.4

Safety data

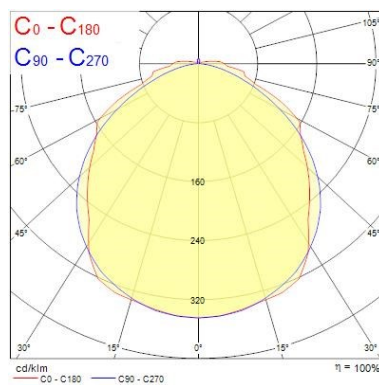
Optimal operating condition (°C)	0-30
Dry applications use only	No

PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	374
0.5	1.42 1.35	54.8°	53.5°	36	39
1.0	2.84 2.70	54.8°	53.5°	9	10
1.5	4.25 4.05	54.8°	53.5°	4	4
2.0	5.67 5.41	54.8°	53.5°	2.5	2
2.5	7.09 6.76	54.8°	53.5°	1.5	1
3.0	8.51 8.11	54.8°	53.5°	1	1

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

— C0 - C180 (Half beam angle: 107.0°)
 — C90 - C270 (Half beam angle: 109.6°)

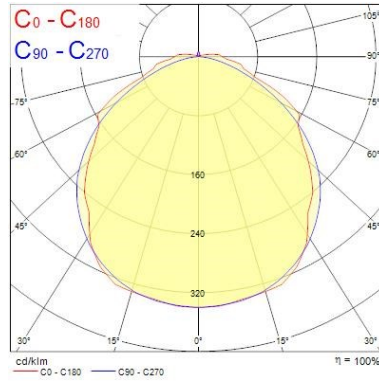


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0.5	1.39 1.37	E(0°) E(C90) E(C0)	648 660 659
1.0	2.78 2.73	E(0°) E(C90) E(C0)	1367 136 140
1.5	4.17 4.10	E(0°) E(C90) E(C0)	603 60 62
2.0	5.57 5.47	E(0°) E(C90) E(C0)	339 34 35
2.5	6.96 6.83	E(0°) E(C90) E(C0)	217 23 22
3.0	8.35 8.20	E(0°) E(C90) E(C0)	151 16 16

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

— C0 - C180 (Half beam angle: 107.6°)
 — C90 - C270 (Half beam angle: 106.6°)



TECHNICAL DRAWINGS

