

Sylproof Superia LED G3 Emergency

SYLPROOF SUPERIA LED G3 1200mm Single 4K DALI E3
0048708



Product features

- Sylproof Superia, 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 and wall mounting. Polycarbonate housing, Polycarbonate diffuser, DALI dimmable, 3 hour emergency, 4000K, CRI80, 3750 lm, 28 W, 135 lm/W, nominal average life (h):50000, energy class: A++ A+ A Class I, IK08, IP65.



PRODUCT OVERVIEW

Product name	SYLPROOF SUPERIA LED G3 1200mm Single 4K DALI E3
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
General application	Logistics & Industry
ETIM Class	EC000109
Warranty	5 years
Fixture luminous flux (lm)	3750
Luminaire efficacy (lm/W)	135
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Beam Angle (°)	100
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	225
Total power consumption (W)	28
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	1
Housing colour	Grey
IP rating	IP65
IK rating	IK08
Product EAN number	5410288487083
Luminous flux (emergency) (lm)	225

DATA TABLE

General data

Product name	SYLPROOF SUPERIA LED G3 1200mm Single 4K DALI E3
Technology	LED
Housing	PC Polycarbonate

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Mount	Ceiling surface mounting
General application	Logistics & Industry
Operating temperature range (°C)	0°C - 30°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000109
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3750
Luminaire efficacy (lm/W)	135
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Beam Angle (°)	100
Distribution type	Direct
Photobiological Risk Group	RG0
Luminous flux (emergency) (lm)	225
Emergency duration (h)	3

Electrical data

Total power consumption (W)	28
Mains voltage (V)	220-240V~
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	1
Drive current (mA)	300
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	DC/50/60Hz

Lifetime data

Lifespan L70 B50	60000
Lifespan L80 B10	60000
Lifespan L90 B50	60000

Physical data

Housing colour	Grey
IP rating	IP65
IK rating	IK08
Diffuser finish	Transparent
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1278
Nominal Product Width (mm)	84
Nominal Product Height (mm)	75
Weight (kg)	2.0

Packaging

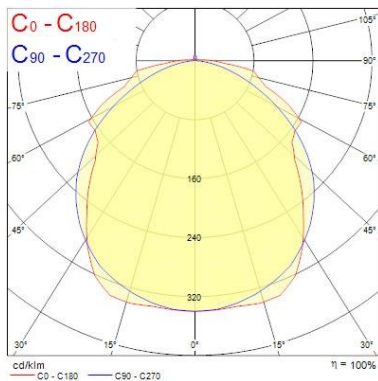
Sylproof Superia LED G3 Emergency SYLPROOF SUPERIA LED G3 1200mm Single 4K DALI E3 0048708

Single packaging type	Carton
Product EAN number	5410288487083
Packaging single length / height (cm)	137.2
Packaging single width (cm)	8.8
Packaging single depth (cm)	8.4
DUN14 (outer)	05410288487083
Units per outer package	1
Packaging outer length / height (cm)	137.2
Packaging outer width (cm)	8.8
Packaging outer depth (cm)	8.4

Safety data

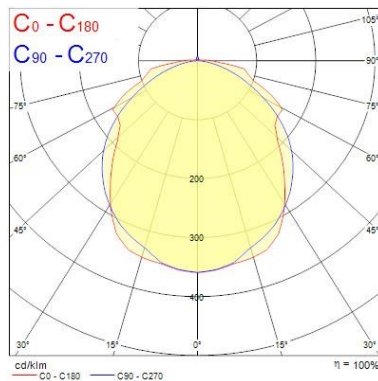
Optimal operating condition (°C)	0-30
Dry applications use only	No

PHOTOMETRY



Distance [m]	Cone diameter [m]	E ₀ [lx]	E _{1(C90)} [lx]	E _{1(C0)} [lx]
0.5	1.40 1.23	9143 504	54.5° 504	91.0° 642
1.0	2.80 2.47	1286 126	54.5° 126	91.0° 181
1.5	4.21 3.70	571 56	54.5° 56	91.0° 71
2.0	5.61 4.94	321 31	54.5° 31	91.0° 40
2.5	7.01 6.17	206 20	54.5° 20	91.0° 26
3.0	8.41 7.41	143 14	54.5° 14	91.0° 18

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 102.0°)
 — C90 - C270 (Half beam angle: 109.0°)



Distance [m]	Cone diameter [m]	E ₀ [lx]	E _{1(C90)} [lx]	E _{1(C0)} [lx]
0.5	1.32 1.10	330 38	52.9° 38	47.8° 80
1.0	2.64 2.21	83 9	52.9° 9	47.8° 13
1.5	3.97 3.31	37 4	52.9° 4	47.8° 6
2.0	5.29 4.41	21 2	52.9° 2	47.8° 3
2.5	6.61 5.51	13 1	52.9° 1	47.8° 2
3.0	7.93 6.62	9 1	52.9° 1	47.8° 1

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 95.6°)
 — C90 - C270 (Half beam angle: 105.8°)

TECHNICAL DRAWINGS

