

Sylproof Superia LED G3 DALI

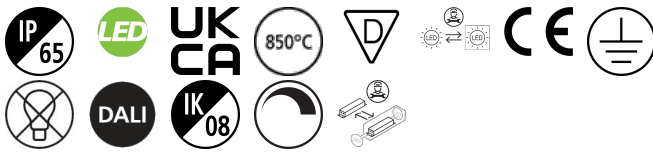
SYLPROOF SUPERIA LED G3 1500mm Single 4K DALI

0048716



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. L 1578 mm x W 84 mm x H 75 mm size, Polycarbonate housing, Polycarbonate diffuser, DALI dimmable, 4000K, CRI80, 4800 lm, 31 W, 155 lm/W, nominal average life (h):50000, energy class: A++ A+ A Class I, IK08, IP65.



PRODUCT OVERVIEW

Product name	SYLPROOF SUPERIA LED G3 1500mm Single 4K DALI
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
General application	Logistics & Industry
ETIM Class	EC000109
Warranty	5 years
Fixture luminous flux (lm)	4800
Luminaire efficacy (lm/W)	155
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	100
Photobiological Risk Group	RG0
Total power consumption (W)	31
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	5410288487168

DATA TABLE

General data

Product name	SYLPROOF SUPERIA LED G3 1500mm Single 4K DALI
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting

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General application	Logistics & Industry
Operating temperature range (°C)	-20°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000109
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4800
Luminaire efficacy (lm/W)	155
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	100
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	31
Mains voltage (V)	220-240V~
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	9
Mains frequency (Hz)	0/50/60Hz
Electrical protection	Class I
Control gear required	No
Control gear type	Electronic ballast
Dimmable	Yes
Minimum dimming level (%)	1
Drive current (mA)	300
Inrush Current (A)	29
Inrush Duration (µs)	180
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	DC/50/60Hz
Max. Luminaires per 10A C Breaker	21
Max. Luminaires per 13A C Breaker	28
Max. Luminaires per 16A C Breaker	36
Max. Luminaires per 20A C Breaker	45
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 13A B Breaker	17
Max. Luminaires per 16A B Breaker	22
Max. Luminaires per 20A B Breaker	27

Lifetime data

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

Physical data

Housing colour	Grey
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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)	2.1

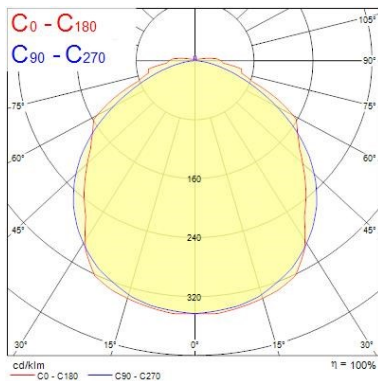
Packaging

Single packaging type	Carton
Product EAN number	5410288487168
Packaging single length / height (cm)	167.2
Packaging single width (cm)	8.8
Packaging single depth (cm)	8.4
DUN14 (outer)	05410288487168
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)	-20-40
Dry applications use only	No

PHOTOMETRY



Distance [m]	Cone diameter [m]	E _v (0°)	E _v (C90)	E _v (C0)
0.5	1.41 1.38	6590	84.8° 641	84.1° 667
1.0	2.81 2.76	1648	84.8° 160	84.1° 167
1.5	4.22 4.14	733	84.8° 71	84.1° 74
2.0	5.63 5.53	412	84.8° 40	84.1° 42
2.5	7.04 6.91	264	84.8° 26	84.1° 27
3.0	8.44 8.29	183	84.8° 15	84.1° 16

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 108.2°)
C90 - C270 (Half beam angle: 109.2°)
Illuminance [lx]

TECHNICAL DRAWINGS

