

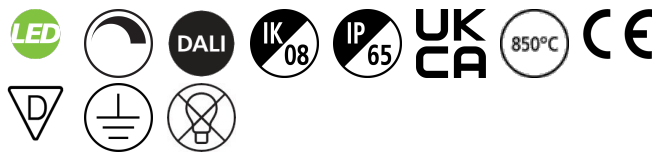
## Sylproof Superia LED G3 DALI

*SYLPROOF SUPERIA LED G3 600mm Single 4K DALI*  
0048691



### 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. GRP housing, Polycarbonate diffuser, DALI dimmable, 4000K, CRI80, 1850 lm, 14 W, 130 lm/W, nominal average life (h):50000, energy class: A++ A+ A Class I, IK08, IP65.



### PRODUCT OVERVIEW

Product name	SYLPROOF SUPERIA LED G3 600mm Single 4K DALI
Technology	LED
Housing	Polyester
Mount	Ceiling surface mounting
General application	Logistics & Industry
ETIM Class	EC000109
Warranty	5 years
Fixture luminous flux (lm)	1850
Luminaire efficacy (lm/W)	130
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)	14
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	5410288486918

### DATA TABLE

#### General data

Product name	SYLPROOF SUPERIA LED G3 600mm Single 4K DALI
Technology	LED
Housing	Polyester
Mount	Ceiling surface mounting

## Sylproof Superia LED G3 DALI

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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)	1850
Luminaire efficacy (lm/W)	130
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)	14
Mains voltage (V)	220-240V~
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	10
Mains frequency (Hz)	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)	20
Inrush Duration (µs)	140
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	DC/50/60Hz
Max. Luminaires per 10A C Breaker	40
Max. Luminaires per 13A C Breaker	56
Max. Luminaires per 16A C Breaker	64
Max. Luminaires per 20A C Breaker	80
Max. Luminaires per 10A B Breaker	21
Max. Luminaires per 13A B Breaker	28
Max. Luminaires per 16A B Breaker	35
Max. Luminaires per 20A B Breaker	44

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

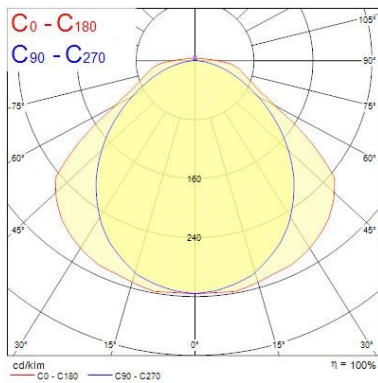
### Packaging

Single packaging type	Carton
Product EAN number	5410288486918
Packaging single length / height (cm)	77.5
Packaging single width (cm)	11.6
Packaging single depth (cm)	8.4
DUN14 (outer)	05410288486918
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

Optimal operating condition (°C)	-20-40
Dry applications use only	No

## PHOTOMETRY



Distance [m]	Cone diameter [m]	E <sub>0</sub> [lx]	E <sub>10%</sub> [lx]	E <sub>5%</sub> [lx]
0.5	1.16 1.57	2348	49.3° 327	87.5° 154
1.0	2.33 3.14	587	49.3° 132	87.5° 48
1.5	3.49 4.71	261	49.3° 58	87.5° 23
2.0	4.65 6.28	147	49.3° 33	87.5° 12
2.5	5.81 7.85	84	49.3° 19	87.5° 7
3.0	6.98 9.42	66	49.3° 15	87.5° 5

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

— C0 - C180 (Half beam angle: 115.0°)  
— C90 - C270 (Half beam angle: 96.6°)

## TECHNICAL DRAWINGS

