

## Sylveo LED 12000lm - Large

SYLVEO LED 12000LM WIDE 4K DALI  
0049143



### Product features

- Exterior LED floodlight, comes complete with a 1000mm cable and adjustable bracket, aluminium housing, clear glass diffuser, 13222lm, 120W, 109lm/W, 4000K, 3570mA, CRI70, 52° beam angle, DALI dimmable, IP66, IK08, Class I, 50000hrs, (LxWxD) 98x344x392mm



### PRODUCT OVERVIEW

IPC Code	0049143
Product name	SYLVEO LED 12000LM WIDE 4K DALI
Technology	LED
Housing	Aluminium
Mount	Surface Mounting
Fixture rating	Enclosed
General application	Logistics & Industry
Certifications	EUNEW005
ETIM Class	EC001744
E-number FI	4579401
Fixture luminous flux (lm)	13222
Luminaire efficacy (lm/W)	109
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	70
Colour Variation Initial (SDCM)	6
Beam Angle (°)	52
Glare control	19.7
Photobiological Risk Group	RG1
Total power consumption (W)	121
Electrical protection	Class I
Control gear type	DALI
Dimmable	Yes
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Average life (Nominal) (h)	50000
Housing colour	RAL9006
IP rating	IP66
IK rating	IK08
Product EAN number	5410288491431
Lamps	Yes

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### DATA TABLE

#### General data

IPC Code	0049143
Product name	SYLVEO LED 12000LM WIDE 4K DALI
Technology	LED
Housing	Aluminium
Mount	Surface Mounting
Fixture rating	Enclosed
General application	Logistics & Industry
Operating temperature range (°C)	-40 to +45
Operating temperature rated (°C)	25
Certifications	EUNEW005
ETIM Class	EC001744
E-number FI	4579401

#### Optical data

Fixture luminous flux (lm)	13222
Luminaire efficacy (lm/W)	109
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	70
Colour Variation Initial (SDCM)	6
Beam Angle (°)	52
Distribution type	Direct
Glare control	19.7
Photobiological Risk Group	RG1

#### Electrical data

Total power consumption (W)	121
Current (A)	0.9
Mains voltage (V)	100-240V~
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class I
Control gear required	No
Control gear type	DALI
Dimmable	Yes
Minimum dimming level (%)	1
Drive current (mA)	3570
Inrush Current (A)	65
Inrush Duration (µs)	550
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	4
Max. Luminaires per 13A C Breaker	5

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Max. Luminaires per 16A C Breaker	6
Max. Luminaires per 20A C Breaker	8

### Lifetime data

Lumen maintenance - L70 B50	50000
Lumen maintenance - L70 B20	42000
Lumen maintenance - L70 B10	39000
Lumen maintenance - L80 B50	49000
Lumen maintenance - L80 B20	33600
Lumen maintenance - L80 B10	31200
Lumen maintenance - L90 B50	22000
Lumen maintenance - L90 B20	18480
Lumen maintenance - L90 B10	17160
Average life (Nominal) (h)	50000

### Physical data

Vertical Tilt (°)	200
Horizontal rotation (°)	180
Housing colour	RAL9006
IP rating	IP66
IK rating	IK08
Diffuser finish	Clear
Diffuser material	Glass
Nominal Product Length (mm)	98
Nominal Product Width (mm)	344
Nominal Product Height (mm)	392
Weight (kg)	8.31
Wind Area (m <sup>2</sup> )	0.117

### Packaging

Single packaging type	Carton
Product EAN number	5410288491431
Packaging single length / height (cm)	52.7
Packaging single width (cm)	39.4
Packaging single depth (cm)	16.5
DUN14 (outer)	05410288491431
Units per outer package	1
Packaging outer length / height (cm)	52.7
Packaging outer width (cm)	39.4
Packaging outer depth (cm)	16.5

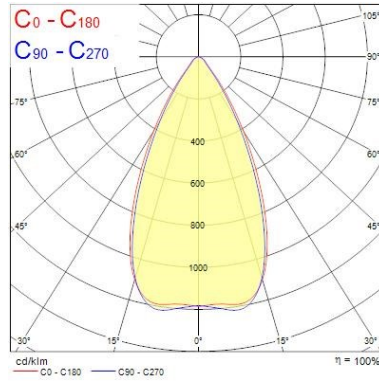
## PHOTOMETRY

## Sylveo LED 12000lm - Large SYLVEO LED 12000LM WIDE 4K DALI 0049143

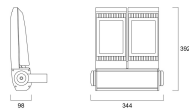
0.5	0.48 0.51	E(0°) E(C90) E(C0)	32724 33959 22401
1.0	0.96 1.02	E(0°) E(C90) E(C0)	15881 16622 9920
1.5	1.44 1.53	E(0°) E(C90) E(C0)	9989 2632 2489
2.0	1.92 2.04	E(0°) E(C90) E(C0)	3920 1480 1400
2.5	2.40 2.55	E(0°) E(C90) E(C0)	2509 948 898
3.0	2.87 3.06	E(0°) E(C90) E(C0)	1742 698 622

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

— C0 - C180 (Half beam angle: 54.0°)  
— C90 - C270 (Half beam angle: 51.2°)



### TECHNICAL DRAWINGS




**SYLVANIA** 0049143

This luminaire contains built in LED lamps.

The lamps cannot be changed in the luminaire.


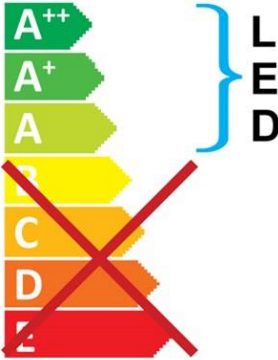
874/2012

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