

Sylveo LED 12000lm - Large

SYLVEO LED 12000LM NARROW 4K DALI
0049142



Product features

- Exterior LED floodlight, comes complete with a 1000mm cable and adjustable bracket, aluminium housing, clear glass diffuser, 12833lm, 121W, 106lm/W, 4000K, 3570mA, 30° beam angle, CRI70, DALI dimmable, IP66, IK08, Class I, 50000hrs, (LxWxD) 98x344x392mm



PRODUCT OVERVIEW

IPC Code	0049142
Product name	SYLVEO LED 12000LM NARROW 4K DALI
Technology	LED
Housing	Aluminium
Mount	Surface Mounting
Fixture rating	Enclosed
General application	Logistics & Industry
Certifications	EUNEW005
ETIM Class	EC001744
E-number FI	4579400
Fixture luminous flux (lm)	12833
Luminaire efficacy (lm/W)	106
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	70
Colour Variation Initial (SDCM)	6
Beam Angle (°)	30
Glare control	19.4
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	5410288491424
Lamps	Yes

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DATA TABLE

General data

IPC Code	0049142
Product name	SYLVEO LED 12000LM NARROW 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	4579400

Optical data

Fixture luminous flux (lm)	12833
Luminaire efficacy (lm/W)	106
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	70
Colour Variation Initial (SDCM)	6
Beam Angle (°)	30
Distribution type	Direct
Glare control	19.4
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

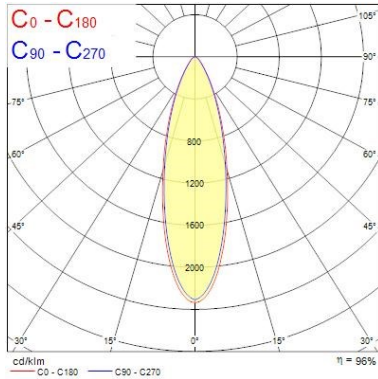
Vertical Tilt (°)	200
Horizontal rotation (°)	180
Housing colour	RAL9006
IP rating	IP66
IK rating	IK08
Diffuser finish	Clear
Diffuser material	Glass
Nominal Product Length (mm)	98
Nominal Product Width (mm)	344
Nominal Product Height (mm)	392
Weight (kg)	8.31
Wind Area (m ²)	0.117

Packaging

Single packaging type	Carton
Product EAN number	5410288491424
Packaging single length / height (cm)	52.7
Packaging single width (cm)	39.4
Packaging single depth (cm)	16.5
DUN14 (outer)	05410288491424
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

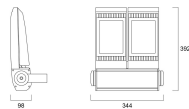
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Distance [m]	Cone diameter [m]	E (°)	E (C90)	E (C0)	illuminance [lx]
0.5	0.26 0.27	11990	14.8° 3204	15.1° 5433	
1.0	0.52 0.54	2992	14.8° 13476	15.1° 13578	
1.5	0.78 0.81	1328	14.8° 5989	15.1° 6034	
2.0	1.04 1.08	796	14.8° 3369	15.1° 3394	
2.5	1.30 1.35	470	14.8° 2156	15.1° 2172	
3.0	1.56 1.62	331	14.8° 1487	15.1° 1508	

Distance [m] Cone diameter [m] illuminance [lx]
 C0 - C180 (Half beam angle: 30.2°)
 C90 - C270 (Half beam angle: 25.2°)

TECHNICAL DRAWINGS



SYLVANIA 0049142

This luminaire contains built in LED lamps.

A++
A+
A
B
C
D
E

} LED

The lamps cannot be changed in the luminaire.

874/2012

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This luminaire contains built in LED lamps.

The lamps cannot be changed in the luminaire.

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A++
A+
A
~~B~~
~~C~~
~~D~~
~~E~~

LED