

Sylveo LED 30000lm - Extra Extra Large

Sylveo LED 30000LM WIDE 3K
0049128



Product features

- Exterior LED Floodlight, comes complete with a 1000mm cable and adjustable bracket, aluminium housing, clear glass diffuser, IP66, IK08, Class I, 3000K, Non-dimming, 30813lm, 301W, 102lm/W, 8400mA, CRI70, 52° beam angle, 50000hrs, (LxWxD) 98x648x392mm



PRODUCT OVERVIEW

IPC Code	0049128
Product name	Sylveo LED 30000LM WIDE 3K
Technology	LED
Housing	Aluminium
Mount	Surface Mounting
Fixture rating	Enclosed
Environment	Internal/External
General application	Logistics & Industry
Certifications	EUNEW005
ETIM Class	EC001744
E-number FI	4579186
E-number SE	7763379
Fixture luminous flux (lm)	30813
Luminaire efficacy (lm/W)	102
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	70
Colour Variation Initial (SDCM)	6
Beam Angle (°)	52
Glare control	18.7
Photobiological Risk Group	RG1
Total power consumption (W)	301.2
Electrical protection	Class I
Control gear type	Electronic (constant current)
Dimmable	No
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	5410288491288
Lamps	No

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Included lamp

INTEGRATED LED

DATA TABLE

General data

IPC Code	0049128
Product name	Sylveo LED 30000LM WIDE 3K
Technology	LED
Housing	Aluminium
Mount	Surface Mounting
Fixture rating	Enclosed
Environment	Internal/External
General application	Logistics & Industry
Operating temperature range (°C)	-40 to +45
Certifications	EUNEW005
ETIM Class	EC001744
E-number FI	4579186
E-number SE	7763379

Optical data

Fixture luminous flux (lm)	30813
Luminaire efficacy (lm/W)	102
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	70
Colour Variation Initial (SDCM)	6
Adjustable chromaticity	N
Beam Angle (°)	52
Distribution type	Direct
Glare control	18.7
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	301.2
Current (A)	1.304
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	Electronic (constant current)
Dimmable	No
Drive current (mA)	8400
Inrush Current (A)	60
Inrush Duration (µs)	20
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz

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LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	3
Max. Luminaires per 13A C Breaker	2
Max. Luminaires per 16A C Breaker	5
Max. Luminaires per 20A C Breaker	4

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

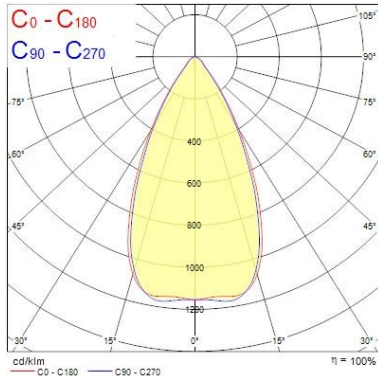
Vertical Tilt (°)	180
Horizontal rotation (°)	180
Housing colour	RAL9006
IP rating	IP66
IK rating	IK08
Diffuser finish	Clear
Diffuser material	Glass
Nominal Product Length (mm)	648
Nominal Product Width (mm)	98
Nominal Product Height (mm)	392
Weight (kg)	15.868
Wind Area (m ²)	0.236

Packaging

Single packaging type	Carton
Product EAN number	5410288491288
Packaging single length / height (cm)	52.7
Packaging single width (cm)	69.8
Packaging single depth (cm)	16.7
DUN14 (outer)	05410288491288
Units per outer package	1
Packaging outer length / height (cm)	52.7
Packaging outer width (cm)	69.8
Packaging outer depth (cm)	16.7

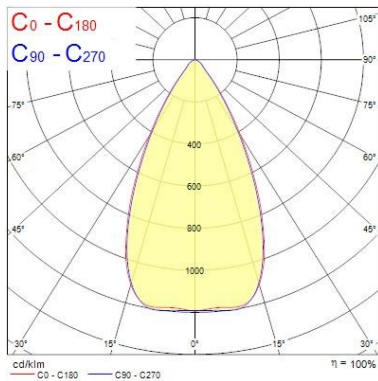
PHOTOMETRY

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Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.50 0.51	14002	28.0° 5354	27.2° 52152	
1.0	1.00 1.03	37021	28.0° 13459	27.2° 13209	
1.5	1.50 1.54	16454	28.0° 5982	27.2° 5796	
2.0	1.99 2.06	9255	28.0° 3365	27.2° 3280	
2.5	2.49 2.57	5923	28.0° 2183	27.2° 2088	
3.0	2.99 3.08	4113	28.0° 1486	27.2° 1449	

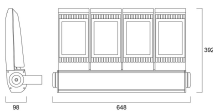
Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 54.4°)
 C90 - C270 (Half beam angle: 55.0°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.49 0.51	14259	28.0° 5302	27.2° 50196	
1.0	0.97 1.03	35632	28.0° 12883	27.2° 12549	
1.5	1.45 1.54	19937	28.0° 5996	27.2° 5677	
2.0	1.94 2.06	9908	28.0° 3316	27.2° 3137	
2.5	2.43 2.57	5701	28.0° 2122	27.2° 2058	
3.0	2.91 3.08	3959	28.0° 1474	27.2° 1394	


Distance [m] Cone diameter [m] Illuminance [lx]
 C0 - C180 (Half beam angle: 54.4°)
 C90 - C270 (Half beam angle: 51.8°)


TECHNICAL DRAWINGS




Sylveo LED 30000lm - Extra Extra Large *Sylveo LED 30000LM WIDE 3K* 0049128


SYLVANIA 0049128


 This luminaire contains built in LED lamps.

 } **LED**


The lamps cannot be changed in the luminaire.

874/2012 

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SYLVANIA 0049128  874/2012