

Sylveo LED - Extra Large

SYLVEO LED 20000LM ROAD ASYMMETRIC 4K DALI

0049147



Product features

- Exterior LED floodlight, comes complete with a 1000mm cable and adjustable bracket, aluminium housing, clear glass diffuser, 21542lm, 201W, 107lm/W, 4000K, 5002mA, CRI70, 52°x117° beam angle, DALI dimmable, IP66, IK08, Class I, 50000hrs, (LxWxD) 98x496x392mm



PRODUCT OVERVIEW

Product name	SYLVEO LED 20000LM ROAD ASYMMETRIC 4K DALI
Technology	LED
Housing	Aluminium
Mount	Wall surface mounted
Fixture rating	Enclosed
General application	Logistics & Industry
ETIM Class	EC001744
E-number FI	4579405
E-number SE	7764813
Warranty	5 years
Fixture luminous flux (lm)	21542
Luminaire efficacy (lm/W)	107
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	70
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	52 x 117
Glare control	< 18
Photobiological Risk Group	RG1
Total power consumption (W)	202
Electrical protection	Class I
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9006 - Aluminium
IP rating	IP66
IK rating	IK08
Product EAN number	5410288491479

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DATA TABLE

General data

Product name	SYLVEO LED 20000LM ROAD ASYMMETRIC 4K DALI
Technology	LED
Housing	Aluminium
Mount	Wall surface mounted
Fixture rating	Enclosed
General application	Logistics & Industry
Operating temperature range (°C)	-40°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC001744
E-number FI	4579405
E-number SE	7764813
Warranty	5 years

Optical data

Fixture luminous flux (lm)	21542
Luminaire efficacy (lm/W)	107
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	70
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	52 x 117
Glare control	< 18
Photobiological Risk Group	RG1

Electrical data

Total power consumption (W)	202
Current (A)	1.5
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 ballast
Transformer required	No
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	5002
Inrush Current (A)	60
Inrush Duration (µs)	510
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)

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Max. Luminaires per 10A C Breaker	3
Max. Luminaires per 13A C Breaker	5
Max. Luminaires per 16A C Breaker	6
Max. Luminaires per 20A C Breaker	7
Max. Luminaires per 10A B Breaker	2
Max. Luminaires per 13A B Breaker	3
Max. Luminaires per 16A B Breaker	4
Max. Luminaires per 20A B Breaker	4
Mains surge immunity (differential mode - > L-N) (kV)	4
Mains surge immunity (common mode -> L/N - GND) (kV)	6

Lifetime data

Lifespan L70 B50	50000
Lifespan L80 B50	49000

Physical data

Housing colour	RAL 9006 - Aluminium
IP rating	IP66
IK rating	IK08
Diffuser finish	Transparent
Diffuser material	Glass
Nominal Product Length (mm)	496
Nominal Product Width (mm)	98
Nominal Product Height (mm)	392
Weight (kg)	11.516
Wind Area (m²)	0.177

Packaging

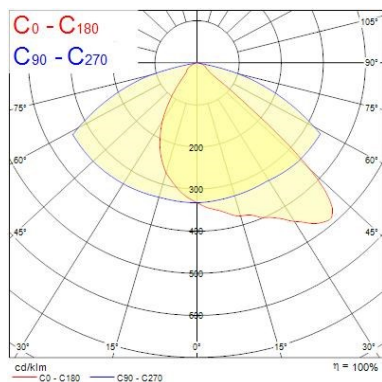
Single packaging type	Carton
Product EAN number	5410288491479
Packaging single length / height (cm)	53.7
Packaging single width (cm)	54.4
Packaging single depth (cm)	16.8
DUN14 (outer)	05410288491479
Units per outer package	1
Packaging outer length / height (cm)	53.7
Packaging outer width (cm)	54.4
Packaging outer depth (cm)	16.8

Safety data

Optimal operating condition (°C)	-40-45
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PHOTOMETRY

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TECHNICAL DRAWINGS

