

SylBatten LED - PIR

SYLBATTEN LED 1205MM 5500LM 4000K EB (TP3) PIR

0045217



Product features

- LED batten, T8 replacement, ease of installation through 2 part push-in design of the housing (safety cable included), through wiring capability (TP3 = 3 core), sheet steel, 5630LM, 53W, 106lm/W, 4000K, drive current: 350mA, CRI 80, 138° wide beam angle, electronic driver (non dimmable), with integrated PIR sensor, IP20, IK07, 50,000 hrs (L70), (LxWxH) 1205x66x76mm, 5 step MacAdam ellipse, 3kg, white RAL9016, Class 1, 220-240V, energy class: A++, A+, A.



PRODUCT OVERVIEW

IPC Code	0045217
Product name	SYLBATTEN LED 1205MM 5500LM 4000K EB (TP3) PIR
Technology	LED
Housing	Sheet steel
Mount	Surface
Fixture rating	Enclosed
Environment	Internal
General application	Logistics & Industry
Certifications	EUNEW023
ETIM Class	EC000109
E-number FI	4274282
E-number SE	7213428
Fixture luminous flux (lm)	5630
Luminaire efficacy (lm/W)	106.22
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Colour Consistency (SDCM)	5
Beam Angle (°)	138
Glare control	31
Photobiological Risk Group	Exempt (Group 0)
Total power consumption (W)	53
Electrical protection	Class I
Control gear type	Electronic
Control gear mounting	Built-in
Dimmable	No
LED Flickering Rate	Medium (21% - 40%)
Average life (Nominal) (h)	50000
Housing colour	White RAL 9016
IP rating	IP20
IK rating	IK07
Product EAN number	5410288452173
Lamps	Yes

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Included lamp

INTEGRATED LED

DATA TABLE

General data

IPC Code	0045217
Product name	SYLBATTEN LED 1205MM 5500LM 4000K EB (TP3) PIR
Technology	LED
Housing	Sheet steel
Mount	Surface
Fixture rating	Enclosed
Environment	Internal
General application	Logistics & Industry
Operating temperature range (°C)	0 to +25
Certifications	EUNEW023
ETIM Class	EC000109
E-number FI	4274282
E-number SE	7213428

Optical data

Fixture luminous flux (lm)	5630
Luminaire efficacy (lm/W)	106.22
LOR (%)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Colour Consistency (SDCM)	5
Adjustable chromaticity	N
Beam Angle (°)	138
Distribution type	Direct (symmetrical)
Glare control	31
Photobiological Risk Group	Exempt (Group 0)

Electrical data

Total power consumption (W)	53
Mains voltage (V)	220-240V~
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) = xx.x %	10
Electrical protection	Class I
Control gear type	Electronic
Control gear mounting	Built-in
Dimmable	No
Drive current (mA)	350
Inrush Current (A)	33
Inrush Duration (µs)	148
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50Hz

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0045217

LED Flickering Rate	Medium (21% - 40%)
Max. Luminaires per 10A C Breaker	19
Max. Luminaires per 13A C Breaker	25
Max. Luminaires per 16A C Breaker	31
Max. Luminaires per 20A C Breaker	38

Lifetime data

Lumen maintenance - L70 B50	50000
Lumen maintenance - L70 B20	30000
Lumen maintenance - L70 B10	15000
Lumen maintenance - L80 B50	30000
Lumen maintenance - L80 B20	30000
Lumen maintenance - L80 B10	15000
Lumen maintenance - L90 B50	15000
Lumen maintenance - L90 B20	15000
Lumen maintenance - L90 B10	15000
Average life (Nominal) (h)	50000

Physical data

Housing colour	White RAL 9016
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	Polycarbonate
Nominal Product Length (mm)	1305
Nominal Product Width (mm)	66
Nominal Product Height (mm)	76
Weight (kg)	2.75

Packaging

Single packaging type	Carton
Product EAN number	5410288452173
Packaging single length / height (cm)	124.6
Packaging single width (cm)	8.1
Packaging single depth (cm)	9.4
DUN14 (outer)	05410288452173
Units per outer package	1
Packaging outer length / height (cm)	124.6
Packaging outer width (cm)	8.1
Packaging outer depth (cm)	9.4

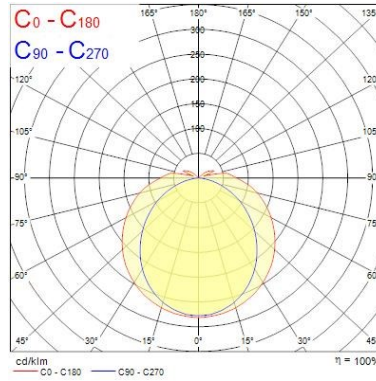
PHOTOMETRY

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Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.21 2.66	E _{0°} 8338 E _(C90) 811 E _(C0) 138
1.0	2.42 5.32	E _{0°} 1585 E _(C90) 203 E _(C0) 33
1.5	3.63 7.98	E _{0°} 704 E _(C90) 90 E _(C0) 15
2.0	4.84 10.64	E _{0°} 396 E _(C90) 51 E _(C0) 9
2.5	6.04 13.30	E _{0°} 254 E _(C90) 32 E _(C0) 6
3.0	7.25 15.96	E _{0°} 176 E _(C90) 23 E _(C0) 4

Distance [m] Cone diameter [m] illuminance [lx]
 — C0 - C180 (Half beam angle: 138.8°)
 — C90 - C270 (Half beam angle: 100.8°)



TECHNICAL DRAWINGS



SYLVANIA 0045217

This luminaire contains built in LED lamps.

} 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.

SYLVANIA 0045217 874/2012

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

LED