

SylBatten LED

SYLBATTEN LED 1205MM 3000LM 6000K EB (TP4) E3

0045204



Product features

- LED batten, T8 replacement, ease of installation through 2 part push-in design of the housing (safety cable included), through wiring capability (TP4 = 4 core), sheet steel, 2938LM, 26W, 113lm/W, 6000K, drive current: 350mA, CRI 80, 138° wide beam angle, electronic driver (non dimmable), integral 3 hour maintained emergency, IP20, IK07, 50,000 hrs (L70), (LxWxH) 1205x66x76mm, 5 step MacAdam ellipse, 3kg, white RAL 9016, Class 1, 220-240V, energy class: A++, A+, A.



PRODUCT OVERVIEW

IPC Code	0045204
Product name	SYLBATTEN LED 1205MM 3000LM 6000K EB (TP4) E3
Technology	LED
Housing	Sheet steel
Mount	Surface
Fixture rating	Enclosed
Environment	Internal
General application	Logistics & Industry
Certifications	EUNEW002
ETIM Class	EC000109
Fixture luminous flux (lm)	2938
Luminaire efficacy (lm/W)	104.92
LOR (%)	100
Colour temperature (K)	6000
Light colour	Daylight
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Colour Consistency (SDCM)	5
Beam Angle (°)	138
Glare control	29
Photobiological Risk Group	Exempt (Group 0)
Luminous flux (emergency) (lm)	475
Total power consumption (W)	28
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	5410288452043

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Lamps	Yes
Included lamp	INTEGRATED LED

DATA TABLE

General data

IPC Code	0045204
Product name	SYLBATTEN LED 1205MM 3000LM 6000K EB (TP4) E3
Technology	LED
Housing	Sheet steel
Mount	Surface
Fixture rating	Enclosed
Environment	Internal
General application	Logistics & Industry
Operating temperature range (°C)	0 to +25
Certifications	EUNEW002
ETIM Class	EC000109

Optical data

Fixture luminous flux (lm)	2938
Luminaire efficacy (lm/W)	104.92
LOR (%)	100
Colour temperature (K)	6000
Light colour	Daylight
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Colour Consistency (SDCM)	5
Adjustable chromaticity	N
Beam Angle (°)	138
Distribution type	Direct (symmetrical)
Glare control	29
Photobiological Risk Group	Exempt (Group 0)
Luminous flux (emergency) (lm)	475
Emergency duration (h)	3

Electrical data

Total power consumption (W)	28
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)	25
Inrush Duration (µs)	177
Glow Wire Test (°C)	850

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Nominal Frequency (Hz)	50Hz
LED Flickering Rate	Medium (21% - 40%)
Max. Luminaires per 10A C Breaker	32
Max. Luminaires per 13A C Breaker	42
Max. Luminaires per 16A C Breaker	53
Max. Luminaires per 20A C Breaker	66

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)	1205
Nominal Product Width (mm)	66
Nominal Product Height (mm)	76
Weight (kg)	3.1

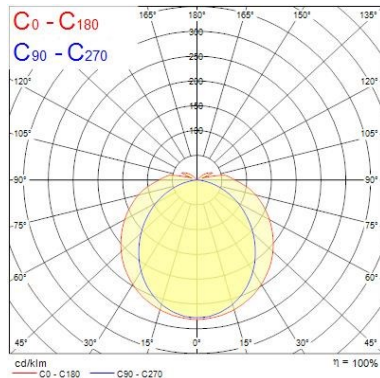
Packaging

Single packaging type	Carton
Product EAN number	5410288452043
Packaging single length / height (cm)	122.0
Packaging single width (cm)	8.0
Packaging single depth (cm)	9.0
DUN14 (outer)	05410288452043
Units per outer package	1
Packaging outer length / height (cm)	122.0
Packaging outer width (cm)	8.0
Packaging outer depth (cm)	9.0

PHOTOMETRY

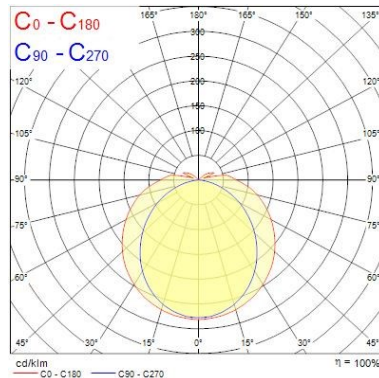
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Distance [m]	Cone diameter [m]	E (°)	E (C90)	E (C0)	Illuminance [lx]
0.5	1.53	151	55.8°	51	828
1.0	3.06	302	55.8°	13	19
1.5	4.58	453	55.8°	6	8
2.0	6.11	604	55.8°	3	3
2.5	7.64	755	55.8°	2	2
3.0	9.17	907	55.8°	1	1

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 113.0°)
C90 - C270 (Half beam angle: 113.0°)



Distance [m]	Cone diameter [m]	E (°)	E (C90)	E (C0)	Illuminance [lx]
0.5	1.53	151	55.8°	51	828
1.0	3.06	302	55.8°	13	19
1.5	4.58	453	55.8°	6	8
2.0	6.11	604	55.8°	3	3
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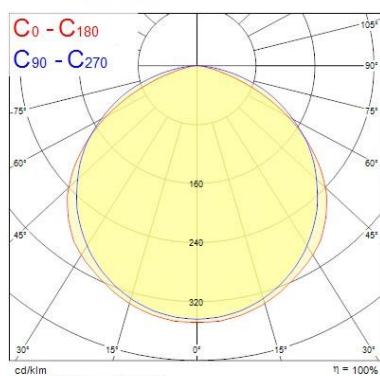
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3.0	9.17	907	55.8°	1	1

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 113.0°)
C90 - C270 (Half beam angle: 113.0°)

Distance [m]	Cone diameter [m]	E (°)	E (C90)	E (C0)	Illuminance [lx]
0.5	1.21	266	50.4°	68	538
1.0	2.42	532	50.4°	17	134
1.5	3.63	798	50.4°	8	63
2.0	4.84	1064	50.4°	4	33
2.5	6.04	1330	50.4°	3	21
3.0	7.25	1596	50.4°	2	13

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 136.0°)
C90 - C270 (Half beam angle: 100.0°)



Distance [m]	Cone diameter [m]	E (°)	E (C90)	E (C0)	Illuminance [lx]
0.5	1.21	266	50.4°	68	538
1.0	2.42	532	50.4°	17	134
1.5	3.63	798	50.4°	8	63
2.0	4.84	1064	50.4°	4	33
2.5	6.04	1330	50.4°	3	21
3.0	7.25	1596	50.4°	2	13

Distance [m] Cone diameter [m]
C0 - C180 (Half beam angle: 136.0°)
C90 - C270 (Half beam angle: 100.0°)

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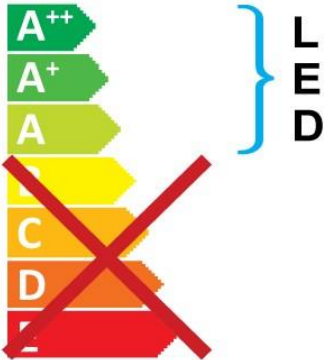
TECHNICAL DRAWINGS

Version	L	H1	W1
800mm	800	80	125
1200mm	1200	80	125
1500mm	1500	80	125
1200mm PAR	1200	80	125
1500mm PAR	1500	80	125


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This luminaire contains built in LED lamps.



The lamps cannot be changed in the luminaire.

874/2012


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