

SylBatten LED

SYLBATTEN LED 605MM 1000LM 3000K EB (TP3)

0045176



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, 1012LM, 11W, 92lm/W, 3000K, drive current: 350mA, CRI 80, 138° wide beam angle, electronic driver (non dimmable), IP20, IK07, 50,000 hrs (L70), (LxWxH) 605x66x76mm, 5 step MacAdam ellipse, 1.8kg, white RAL 9016, Class 1, 220-240V, energy class: A++, A+, A.



PRODUCT OVERVIEW

IPC Code	0045176
Product name	SYLBATTEN LED 605MM 1000LM 3000K EB (TP3)
Technology	LED
Housing	Sheet steel
Mount	Surface
Fixture rating	Enclosed
Environment	Internal
General application	Logistics & Industry
Certifications	EUNEW009
ETIM Class	EC000109
E-number FI	4274245
E-number SE	7213415
Fixture luminous flux (lm)	1012
Luminaire efficacy (lm/W)	92
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	5
Colour Consistency (SDCM)	5
Beam Angle (°)	138
Glare control	28
Photobiological Risk Group	Exempt (Group 0)
Total power consumption (W)	11
Electrical protection	Class I
Control gear type	Electronic
Control gear mounting	Built-in
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Average life (Nominal) (h)	50000
Housing colour	White RAL 9016
IP rating	IP20
IK rating	IK07
Product EAN number	5410288451763
Lamps	Yes

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Included lamp

INTEGRATED LED

DATA TABLE

General data

IPC Code	0045176
Product name	SYLBATTEN LED 605MM 1000LM 3000K EB (TP3)
Technology	LED
Housing	Sheet steel
Mount	Surface
Fixture rating	Enclosed
Environment	Internal
General application	Logistics & Industry
Operating temperature range (°C)	0 to +25
Certifications	EUNEW009
ETIM Class	EC000109
E-number FI	4274245
E-number SE	7213415

Optical data

Fixture luminous flux (lm)	1012
Luminaire efficacy (lm/W)	92
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm 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	28
Photobiological Risk Group	Exempt (Group 0)

Electrical data

Total power consumption (W)	11
Mains voltage (V)	220-240V~
Lamp power factor	0.5
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
Nominal Frequency (Hz)	50Hz

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LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	60
Max. Luminaires per 13A C Breaker	79
Max. Luminaires per 16A C Breaker	98
Max. Luminaires per 20A C Breaker	122

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

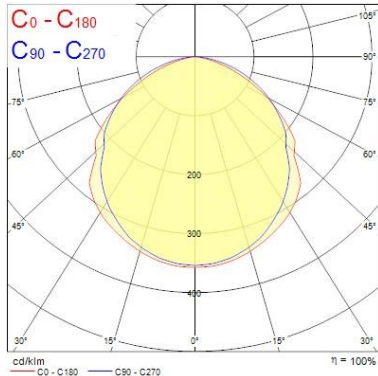
Housing colour	White RAL 9016
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	Polycarbonate
Nominal Product Length (mm)	605
Nominal Product Width (mm)	66
Nominal Product Height (mm)	76
Weight (kg)	1.254

Packaging

Single packaging type	Carton
Product EAN number	5410288451763
Packaging single length / height (cm)	64.9
Packaging single width (cm)	8.1
Packaging single depth (cm)	9.3
DUN14 (outer)	05410288451763
Units per outer package	1
Packaging outer length / height (cm)	64.9
Packaging outer width (cm)	8.1
Packaging outer depth (cm)	9.3

PHOTOMETRY

SylBatten LED SYLBATTEN LED 605MM 1000LM 3000K EB (TP3) 0045176

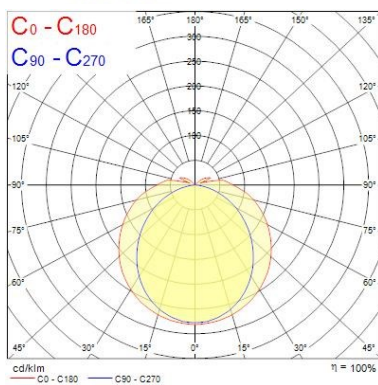
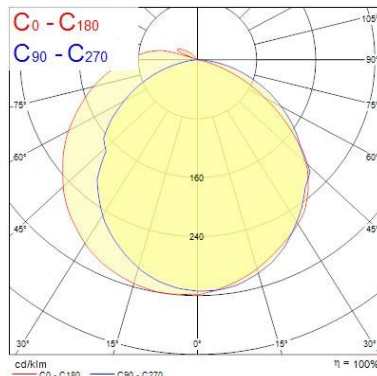


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.40 1.46	54.4°	55.5°	1320 130	1320 130
1.0	2.79 2.91	54.4°	55.5°	330 32	330 32
1.5	4.19 4.37	54.4°	55.5°	147 14	147 14
2.0	5.59 5.82	54.4°	55.5°	83 8	83 8
2.5	6.98 7.28	54.4°	55.5°	53 5	53 5
3.0	8.38 8.73	54.4°	55.5°	37 4	37 4

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 111.0°)
C90 - C270 (Half beam angle: 158.8°)

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.21 2.66	50.4°	69.4°	1139 146 25	1139 146 25
1.0	2.42 5.32	50.4°	69.4°	285 36 6	285 36 6
1.5	3.63 7.38	50.4°	69.4°	127 16 3	127 16 3
2.0	4.84 10.64	50.4°	69.4°	71 9 2	71 9 2
2.5	6.04 15.30	50.4°	69.4°	46 6 1	46 6 1
3.0	7.25 15.96	50.4°	69.4°	32 4 1	32 4 1

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 138.8°)
C90 - C270 (Half beam angle: 198.8°)



TECHNICAL DRAWINGS





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SYLVANIA 0045176


 This luminaire contains built in LED lamps.

 } **LED**


The lamps cannot be changed in the luminaire.

874/2012 

 This luminaire contains built in LED lamps.

 } **LED**

The lamps cannot be changed in the luminaire.

SYLVANIA 0045176  874/2012