

SylBatten LED

SYLBATTEN LED 605MM 2000LM 6000K EB (TP3)

0045183



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, 2435LM, 22W, 111lm/W, 6000K, 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	0045183
Product name	SYLBATTEN LED 605MM 2000LM 6000K 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	4274255
Fixture luminous flux (lm)	2435
Luminaire efficacy (lm/W)	110.68
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	31
Photobiological Risk Group	Exempt (Group 0)
Total power consumption (W)	22
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	5410288451831
Lamps	Yes
Included lamp	INTEGRATED LED

SylBatten LED

SYLBATTEN LED 605MM 2000LM 6000K EB (TP3)

0045183

DATA TABLE

General data

IPC Code	0045183
Product name	SYLBATTEN LED 605MM 2000LM 6000K 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	4274255

Optical data

Fixture luminous flux (lm)	2435
Luminaire efficacy (lm/W)	110.68
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	31
Photobiological Risk Group	Exempt (Group 0)

Electrical data

Total power consumption (W)	22
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
Nominal Frequency (Hz)	50Hz
LED Flickering Rate	Medium (21% - 40%)
Max. Luminaires per 10A C Breaker	32

SylBatten LED

SYLBATTEN LED 605MM 2000LM 6000K EB (TP3)

0045183

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

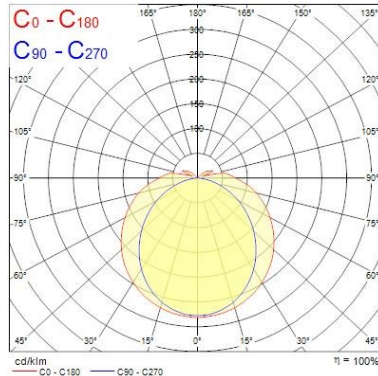
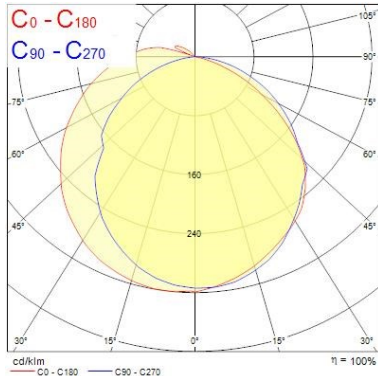
Housing colour	White RAL 9016
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	Polycarbonate
Nominal Product Length (mm)	605
Nominal Product Width (mm)	66
Nominal Product Height (mm)	76
Weight (kg)	1.5

Packaging

Single packaging type	Carton
Product EAN number	5410288451831
Packaging single length / height (cm)	62.0
Packaging single width (cm)	8.0
Packaging single depth (cm)	9.0
DUN14 (outer)	05410288451831
Units per outer package	1
Packaging outer length / height (cm)	62.0
Packaging outer width (cm)	8.0
Packaging outer depth (cm)	9.0

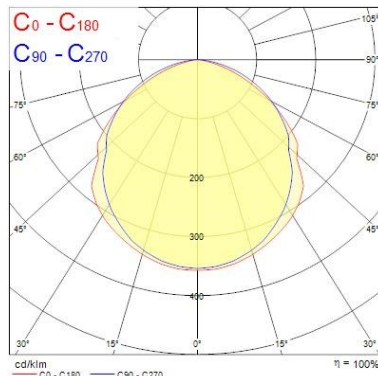
PHOTOMETRY

SylBatten LED SYLBATTEN LED 605MM 2000LM 6000K EB (TP3) 0045183



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.40 1.46	3207	54.4° 314	55.5° 292	
1.0	2.79 2.91	802	54.4° 78	55.5° 73	
1.5	4.19 4.37	358	54.4° 35	55.5° 32	
2.0	5.59 5.82	200	54.4° 20	55.5° 18	
2.5	6.98 7.28	128	54.4° 13	55.5° 12	
3.0	8.38 8.73	89	54.4° 9	55.5° 8	

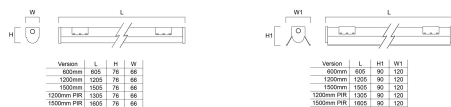
Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 111.0°)
 — C90 - C270 (Half beam angle: 108.8°)



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.21 2.66	2741	50.4° 351	69.4° 80	
1.0	2.42 5.32	685	50.4° 88	69.4° 15	
1.5	3.63 7.98	308	50.4° 39	69.4° 7	
2.0	4.84 10.64	171	50.4° 22	69.4° 4	
2.5	6.04 13.30	110	50.4° 14	69.4° 2	
3.0	7.25 15.96	78	50.4° 10	69.4° 2	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 132.0°)
 — C90 - C270 (Half beam angle: 100.8°)

TECHNICAL DRAWINGS





SylBatten LED

SYLBATTEN LED 605MM 2000LM 6000K EB (TP3)


0045183


SYLVANIA 0045183


 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 0045183  874/2012