

## SylBatten LED

SYLBATTEN LED 1505MM 8000LM 4000K EB (TP3)

0045175



### 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, 8348LM, 79W, 106lm/W, 4000K, drive current: 450mA, CRI 80, 138° wide beam angle, electronic driver (non dimmable), IP20, IK07, 50,000 hrs (L70), (LxWxH) 1505x66x76mm, 5 step MacAdam ellipse, 3.7kg, white RAL9016, Class 1, 220-240V, energy class: A++, A+, A.



### PRODUCT OVERVIEW

IPC Code	0045175
Product name	SYLBATTEN LED 1505MM 8000LM 4000K 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	4274243
E-number SE	7213414
Fixture luminous flux (lm)	8348
Luminaire efficacy (lm/W)	105.67
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	32
Photobiological Risk Group	Exempt (Group 0)
Total power consumption (W)	79
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	5410288451756
Lamps	Yes

## SylBatten LED

SYLBATTEN LED 1505MM 8000LM 4000K EB (TP3)

0045175

Included lamp

INTEGRATED LED

### DATA TABLE

#### General data

IPC Code	0045175
Product name	SYLBATTEN LED 1505MM 8000LM 4000K 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	4274243
E-number SE	7213414

#### Optical data

Fixture luminous flux (lm)	8348
Luminaire efficacy (lm/W)	105.67
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	32
Photobiological Risk Group	Exempt (Group 0)

#### Electrical data

Total power consumption (W)	79
Mains voltage (V)	220-240V~
Lamp power factor	0.98
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)	450
Inrush Current (A)	39
Inrush Duration (µs)	166
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50Hz

## SylBatten LED

*SYLBATTEN LED 1505MM 8000LM 4000K EB (TP3)*

0045175

LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	16
Max. Luminaires per 13A C Breaker	21
Max. Luminaires per 16A C Breaker	26
Max. Luminaires per 20A C Breaker	32

### 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)	1505
Nominal Product Width (mm)	66
Nominal Product Height (mm)	76
Weight (kg)	3.07

### Packaging

Single packaging type	Carton
Product EAN number	5410288451756
Packaging single length / height (cm)	154.6
Packaging single width (cm)	8.1
Packaging single depth (cm)	9.2
DUN14 (outer)	05410288451756
Units per outer package	1
Packaging outer length / height (cm)	154.6
Packaging outer width (cm)	8.1
Packaging outer depth (cm)	9.2

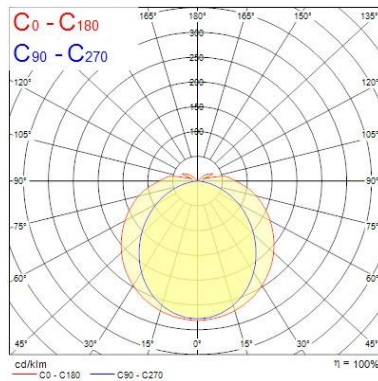
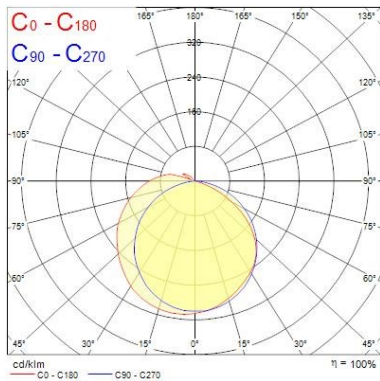
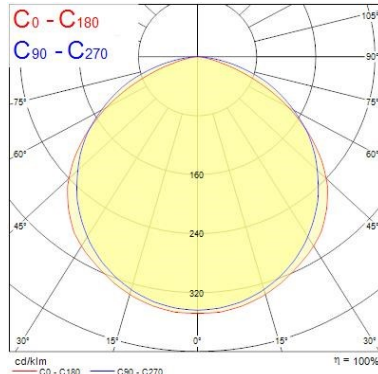
## PHOTOMETRY

## SylBatten LED

SYLBATTEN LED 1505MM 8000LM 4000K EB (TP3)  
0045175

Distance [m]	Cone diameter [m]	E <sub>0°</sub> [lx]	E <sub>10°</sub> [lx]	E <sub>30°</sub> [lx]	E <sub>45°</sub> [lx]	E <sub>60°</sub> [lx]	E <sub>75°</sub> [lx]	E <sub>90°</sub> [lx]
0.5	1.21 2.66	9598	1003	205	50.4°	69.4°		
1.0	2.42 5.32	2350	300	51	50.4°	69.4°		
1.5	3.63 7.98	1044	134	23	50.4°	69.4°		
2.0	4.84 10.64	587	78	13	50.4°	69.4°		
2.5	6.04 13.30	378	48	8	50.4°	69.4°		
3.0	7.25 15.96	281	33	6	50.4°	69.4°		

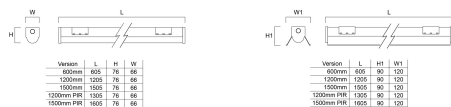
Distance [m]      Cone diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half beam angle: 138.8°)  
 — C90 - C270 (Half beam angle: 100.8°)



Distance [m]	Cone diameter [m]	E <sub>0°</sub> [lx]	E <sub>10°</sub> [lx]	E <sub>30°</sub> [lx]	E <sub>45°</sub> [lx]	E <sub>60°</sub> [lx]	E <sub>75°</sub> [lx]	E <sub>90°</sub> [lx]
0.5	1.53 1.51	10563	865	897	56.5°	66.5°		
1.0	3.06 3.02	2667	217	224	56.5°	66.5°		
1.5	4.58 4.53	1188	96	100	56.5°	66.5°		
2.0	6.11 6.04	667	54	56	56.5°	66.5°		
2.5	7.64 7.55	427	36	36	56.5°	66.5°		
3.0	9.17 9.07	298	24	25	56.5°	66.5°		

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half beam angle: 113.0°)  
 — C90 - C270 (Half beam angle: 113.6°)

## TECHNICAL DRAWINGS





## SylBatten LED

SYLBATTEN LED 1505MM 8000LM 4000K EB (TP3)


0045175


**SYLVANIA** 0045175


 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** 0045175  874/2012