

SylBatten LED - DALI

SYLBATTEN LED 1505MM 8000LM 4000K DALI (TP5)

0045193



Product features

- LED batten, T8 replacement, ease of installation through 2 part push-in design of the housing (safety cable included), through wiring capability (TP5 = 5 core), sheet steel, 8348LM, 79W, 106lm/W, 4000K, drive current: 450mA, CRI 80, 138° wide beam angle, DALI dimmable, IP20, IK07, 50,000 hrs (L70), (LxWxH) 1505x66x76mm, 5 step MacAdam ellipse, 3.7kg, white RAL 9016, Class 1, 220-240V, energy class: A++, A+, A.



PRODUCT OVERVIEW

Product name	SYLBATTEN LED 1505MM 8000LM 4000K DALI (TP5)
Technology	LED
Housing	Steel
Mount	Ceiling surface mounting
Fixture rating	Enclosed
Environment	Internal
General application	Logistics & Industry
ETIM Class	EC000109
E-number FI	4274270
E-number SE	7213426
Warranty	5 years
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 Consistency (SDCM)	5
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	138
Glare control	< 32
Photobiological Risk Group	RG0
Total power consumption (W)	79
Electrical protection	Class I
Control gear type	Electronic ballast
Control gear mounting	Built-in
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	3
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Product EAN number	5410288451930

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DATA TABLE

General data

Product name	SYLBATTEN LED 1505MM 8000LM 4000K DALI (TP5)
Technology	LED
Housing	Steel
Mount	Ceiling surface mounting
Fixture rating	Enclosed
Environment	Internal
General application	Logistics & Industry
Operating temperature range (°C)	0°C...+25°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000109
E-number FI	4274270
E-number SE	7213426
Warranty	5 years

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 Consistency (SDCM)	5
Colour Variation Initial (SDCM)	SDCM5
Adjustable chromaticity	N
Beam Angle (°)	138
Distribution type	Symmetric
Glare control	< 32
Photobiological Risk Group	RG0

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 ballast
Control gear mounting	Built-in
Transformer required	Yes
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	3
Drive current (mA)	450
Inrush Current (A)	33

SylBatten LED - DALI

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0045193

Inrush Duration (µs)	148
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50Hz
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

Lifespan L70 B50	50000
Lifespan L70 B20	30000
Lifespan L70 B10	15000
Lifespan L80 B50	30000
Lifespan L80 B20	30000
Lifespan L80 B10	15000
Lifespan L90 B50	15000
Lifespan L90 B20	15000
Lifespan L90 B10	15000

Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP20
IK rating	IK07
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1505
Nominal Product Width (mm)	66
Nominal Product Height (mm)	76
Weight (kg)	3.148

Packaging

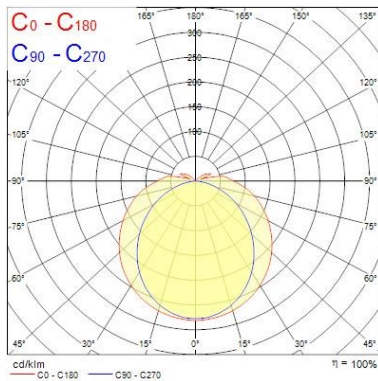
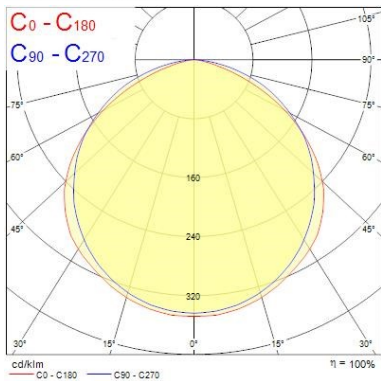
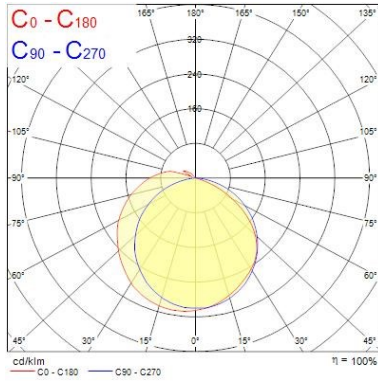
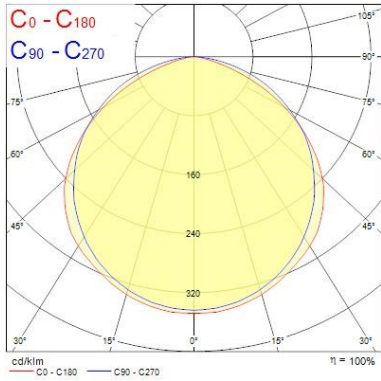
Single packaging type	Carton
Product EAN number	5410288451930
Packaging single length / height (cm)	154.6
Packaging single width (cm)	8.1
Packaging single depth (cm)	9.2
DUN14 (outer)	05410288451930
Units per outer package	1
Packaging outer length / height (cm)	154.6
Packaging outer width (cm)	8.1
Packaging outer depth (cm)	9.2

Safety data

Optimal operating condition (°C)	0-25
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PHOTOMETRY

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Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.53 1.51	10988	56.8° 868	56.8° 897	
1.0	3.06 3.02	2667	56.8° 217	56.8° 224	
1.5	4.58 4.53	1188	56.8° 96	56.8° 100	
2.0	6.11 6.04	667	56.8° 54	56.8° 58	
2.5	7.64 7.55	427	56.8° 38	56.8° 38	
3.0	9.17 9.07	296	56.8° 24	56.8° 25	

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

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.53 1.51	10988	56.8° 868	56.8° 897	
1.0	3.06 3.02	2667	56.8° 217	56.8° 224	
1.5	4.58 4.53	1188	56.8° 96	56.8° 100	
2.0	6.11 6.04	667	56.8° 54	56.8° 58	
2.5	7.64 7.55	427	56.8° 38	56.8° 38	
3.0	9.17 9.07	296	56.8° 24	56.8° 25	

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

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.21 2.66	9398	50.4° 1202	59.4° 209	
1.0	2.42 5.32	2350	50.4° 300	59.4° 51	
1.5	3.63 7.96	1044	50.4° 134	59.4° 23	
2.0	4.84 10.64	667	50.4° 75	59.4° 13	
2.5	6.04 13.30	376	50.4° 48	59.4° 8	
3.0	7.25 15.96	261	50.4° 33	59.4° 6	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 136.5°)
 — C90 - C270 (Half beam angle: 100.6°)

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TECHNICAL DRAWINGS

