

# START eco Batten 1200 IP65 5200lm 840

Item No: 0045153

**SYLVANIA**

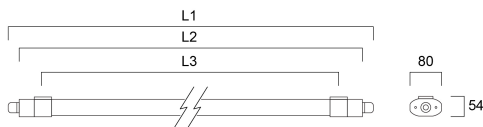
**START**™ eco



The new upgraded Start eco Batten IP65 (upgraded version of Batten LED LINK) is a versatile range of slimline LED waterproof luminaires that provide an ideal solution for interior and exterior applications such as workshops, garages and outdoor covered spaces. The design allows the luminaire to be easily linked to another luminaire through an IP65 rated connector. The product can be a slimline replacement for single and twin 36W/58W fluorescent waterproof battens. Polycarbonate housing and diffuser, 5200 lm, 42 W, 124 lm/W, 4000 K, drive current 270 mA, non dimmable, CRI 80, IP65, IK08, Class II, nominal average lifetime (h): 30000, 1200 mm x 80 mm x 53.6 mm, energy class: A++ A+ A.

## Technical Assets

### Dimensions (mm)

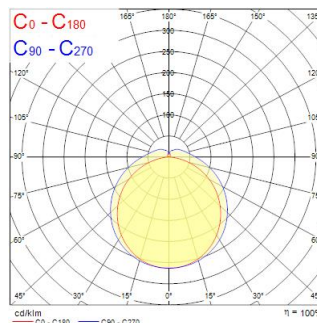


Version	L1	L2	L3
Single	1291	1246	1078
Twin	1253	1200	1078
Single	1588	1543	1378
Twin	1553	1500	1378

### Photometrics

Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	2.19 1.47	5472 E100 95.9° 196 E100 95.9° 460
1.0	4.38 2.93	1368 E100 95.9° 49 E100 95.9° 123
1.5	6.58 4.40	605 E100 95.9° 17 E100 95.9° 38
2.0	8.75 5.86	342 E100 95.9° 12 E100 95.9° 31
2.5	10.97 7.33	219 E100 95.9° 8 E100 95.9° 22
3.0	13.17 8.80	162 E100 95.9° 6 E100 95.9° 14

Distance [m]      Cone diameter [m]      Illuminance [lx]  
 — C0 - C180 (Half beam angle: 151.4°)  
 — C90 - C270 (Half beam angle: 131.0°)



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## General data

Product name	START eco Batten 1200 IP65 5200lm 840
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
Fixture rating	Enclosed
General application	Residential & Consumer
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000109
E-number FI	4274232
E-number SE	7214470
Warranty	3 years

## Optical data

Fixture luminous flux (lm)	5200
Luminaire efficacy (lm/W)	124
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Glare control	< 25
Photobiological Risk Group	RG0

## Electrical data

Total power consumption (W)	42
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	270
Inrush Current (A)	16
Inrush Duration (µs)	250
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	33
Max. products per 13A C Breaker	43
Max. products per 16A C Breaker	54
Max. products per 20A C Breaker	67

## Lifetime data

Lifespan L70 B50	30000
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## Physical data

Housing colour	White
IP rating	IP65
IK rating	IK08
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1200
Nominal Product Width (mm)	80
Nominal Product Height (mm)	53.6
Weight (kg)	1.114

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## Packaging

Product EAN number	5410288451534
Packaging single length / height (cm)	129.77
Packaging single width (cm)	9.93
Packaging single depth (cm)	6.57
DUN14 (inner)	15410288451531
Units per outer package	12
Packaging outer length / height (cm)	131.0
Packaging outer width (cm)	32.2
Packaging outer depth (cm)	28.6

## Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-10-40