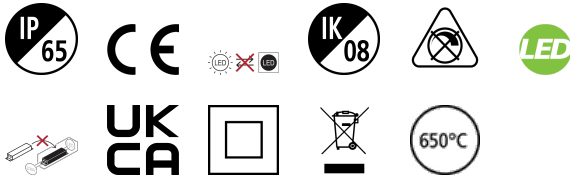


START eco Batten 1200 IP65 5200lm 840

Item No: 0045750

SYLVANIA

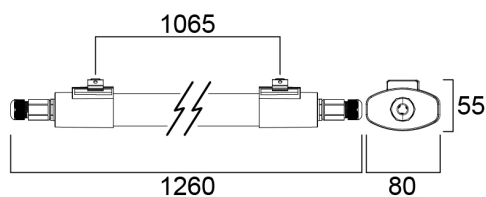
START eco



The new upgraded START eco Batten IP65 is a versatile range of slimline LED waterproof luminaires that provide an ideal solution for 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, 36 W, 144 lm/W, 4000 K, drive current 80 mA, non dimmable, CRI 80, IP65, IK08, Class II, nominal average lifetime (h): 30000, 1260 mm x 80 mm x 55 mm, energy class: A++ A+ A.

Technical Assets

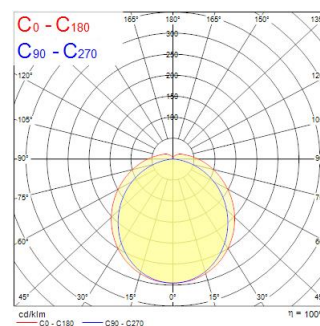
Dimensions (mm)



Photometrics

Distance (m)	Cone diameter (m)	Beam angle (°)	Beam diameter (m)	Beam diameter (ft)	Illuminance (lx)
0.5	1.33	1.84	1.33	4.36	6050
1.0	2.66	3.68	2.66	8.72	1514
1.5	3.99	5.52	3.99	13.08	673
2.0	5.31	7.37	5.31	17.43	379
2.5	6.64	9.21	6.64	21.78	242
3.0	7.96	11.05	7.96	26.13	158

Distance (m) Cone diameter (m) Illuminance (lx)
C0 - C180 (half beam angle: 123.0°)
C90 - C270 (half beam angle: 106.0°)



START eco Batten 1200 IP65 5200lm 840

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General data

Product name	START eco Batten 1200 IP65 5200lm 840
Technology	LED
Cap/Base	N/A
Housing	PC Polycarbonate
General application	Residential & Consumer
Operating temperature range (°C)	-10°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000109
E-number FI	4278236
Warranty	3 years

Optical data

Fixture luminous flux (lm)	5200
Luminaire efficacy (lm/W)	144
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	36
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
Electrical protection	Class II
No. Of switching cycles before premature failures	>100000
Dimmable	No
Drive current (mA)	80
Inrush Current (A)	50
Inrush Duration (µs)	500
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	12
Max. products per 13A C Breaker	15
Max. products per 16A C Breaker	19
Max. products per 20A C Breaker	24
Max. products per 10A B Breaker	8
Max. products per 13A B Breaker	10
Max. products per 16A B Breaker	12
Max. products per 20A B Breaker	16

Lifetime data

Lifespan L70 B50	50000
Lifespan L80 B50	30000

START eco Batten 1200 IP65 5200lm 840

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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)	1260
Nominal Product Width (mm)	80
Nominal Product Height (mm)	55
Weight (kg)	0.78

Packaging

Product EAN number	5410288457505
Packaging single length / height (cm)	128.6
Packaging single width (cm)	8.3
Packaging single depth (cm)	5.8
DUN14 (inner)	15410288457502
Units per outer package	12
Packaging outer length / height (cm)	133.0
Packaging outer width (cm)	25.0
Packaging outer depth (cm)	27.0

Safety data

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