

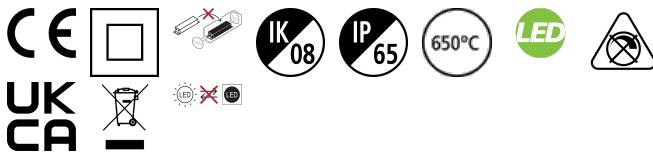
## START eco Batten IP65 - NEW

START eco Batten 1200 IP65 5200lm 840  
0045750



### Product features

- 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.



### PRODUCT OVERVIEW

Product name	START eco Batten 1200 IP65 5200lm 840
Technology	LED
Housing	PC Polycarbonate
General application	Residential & Consumer
ETIM Class	EC000109
E-number FI	4278236
Warranty	3 years
Fixture luminous flux (lm)	5200
Luminaire efficacy (lm/W)	144
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Photobiological Risk Group	RG0
Total power consumption (W)	36
Electrical protection	Class II
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP65
IK rating	IK08
Product EAN number	5410288457505

### DATA TABLE

#### General data

Product name	START eco Batten 1200 IP65 5200lm 840
Technology	LED
Housing	PC Polycarbonate
General application	Residential & Consumer
Operating temperature range (°C)	-10°C...+40°C

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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
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
Mains voltage (V)	220-240V
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
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	12
Max. Luminaires per 13A C Breaker	15
Max. Luminaires per 16A C Breaker	19
Max. Luminaires per 20A C Breaker	24
Max. Luminaires per 10A B Breaker	8
Max. Luminaires per 13A B Breaker	10
Max. Luminaires per 16A B Breaker	12
Max. Luminaires per 20A B Breaker	16

### Lifetime data

Lifespan L70 B50	50000
Lifespan L80 B50	30000

### Physical data

Housing colour	White
IP rating	IP65
IK rating	IK08
Diffuser finish	Opal

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Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1260
Nominal Product Width (mm)	80
Nominal Product Height (mm)	55
Weight (kg)	0.78

### Packaging

Single packaging type	Carton
Product EAN number	5410288457505
Packaging single length / height (cm)	128.6
Packaging single width (cm)	8.3
Packaging single depth (cm)	5.8
DUN14 (outer)	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

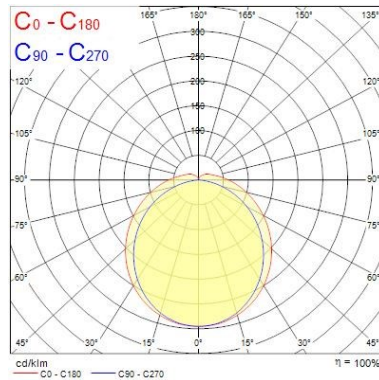
Optimal operating condition (°C)	-10-40
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## PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C180)
0.5	1.33 1.84	6089	662	329
1.0	2.65 3.68	1514	166	82
1.5	3.98 5.53	673	74	37
2.0	5.31 7.27	379	41	21
2.5	6.64 9.21	242	26	13
3.0	7.96 11.05	168	18	9

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 123.0°)  
— C90 - C270 (Half beam angle: 106.0°)



## TECHNICAL DRAWINGS

