

Start eco Batten IP65

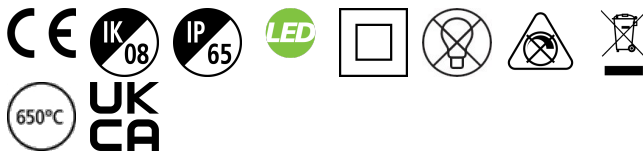
START eco Batten 1200 IP65 4850lm 830

0045152



Product features

- 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, 4850 lm, 42 W, 115 lm/W, 3000 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.



PRODUCT OVERVIEW

Product name	START eco Batten 1200 IP65 4850lm 830
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
General application	Residential & Consumer
ETIM Class	EC000109
E-number FI	4274226
E-number SE	7214466
Warranty	3 years
Fixture luminous flux (lm)	4850
Luminaire efficacy (lm/W)	115
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Glare control	< 24
Photobiological Risk Group	RG0
Total power consumption (W)	42
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	White
IP rating	IP65
IK rating	IK08
Product EAN number	5410288451527
Dimming method	N/A

Start eco Batten IP65

START eco Batten 1200 IP65 4850lm 830

0045152

DATA TABLE

General data

Product name	START eco Batten 1200 IP65 4850lm 830
Technology	LED
Housing	PC Polycarbonate
Mount	Ceiling surface mounting
General application	Residential & Consumer
Operating temperature range (°C)	-10°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000109
E-number FI	4274226
E-number SE	7214466
Warranty	3 years

Optical data

Fixture luminous flux (lm)	4850
Luminaire efficacy (lm/W)	115
LOR (%)	100
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	120
Glare control	< 24
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	42
Mains voltage (V)	220-240V
Lamp power factor	0.9
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Drive current (mA)	270
Inrush Current (A)	16
Inrush Duration (µs)	250
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	33
Max. Luminaires per 13A C Breaker	43
Max. Luminaires per 16A C Breaker	54
Max. Luminaires per 20A C Breaker	67

Lifetime data

Lifespan L70 B50	30000
-------------------------	-------

Start eco Batten IP65

START eco Batten 1200 IP65 4850lm 830

0045152

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)	1.098

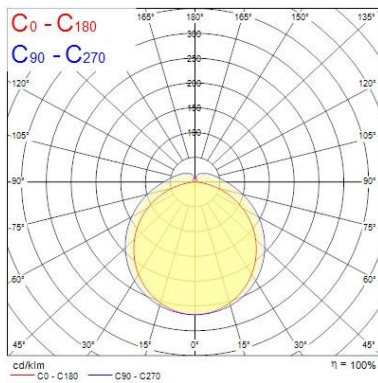
Packaging

Single packaging type	Carton
Product EAN number	5410288451527
Packaging single length / height (cm)	129.6
Packaging single width (cm)	9.83
Packaging single depth (cm)	6.57
DUN14 (outer)	15410288451524
Units per outer package	12
Packaging outer length / height (cm)	130.9
Packaging outer width (cm)	32.1
Packaging outer depth (cm)	28.7

Safety data

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

PHOTOMETRY



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	2.13 1.44	5130	64.8° 200	55.2° 454	
1.0	4.25 2.88	1296	64.8° 50	55.2° 121	
1.5	6.38 4.32	577	64.8° 22	55.2° 54	
2.0	8.50 5.76	325	64.8° 13	55.2° 30	
2.5	10.63 7.19	208	64.8° 8	55.2° 19	
3.0	12.75 8.63	144	64.8° 6	55.2° 13	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 110.4°)
 — C90 - C270 (Half beam angle: 129.6°)

TECHNICAL DRAWINGS

