



Features

- LED batten, T8 replacement, ease of installation through 2 part push-in design of the housing, Traffic white (RAL9016) iron housing, 2800 - 5000lm (selected by DIP switches), 20.5 - 35.5W, 135-144lm/W, Integrated switch allows to choose between warm white (3000K) and neutral white (4000K) colour temperatures, CRI80, 3 step MacAdam ellipse, symmetric wide beam angle, Class I, 100000 hrs L70B50 lifespan, Non-dimmable driver, IK08, IP20, 1200 x 64 x 65mm (LxWxH) dimensions, 1.18kg weight. BESA compatibility. End cap incorporates 20mm conduit knock out.

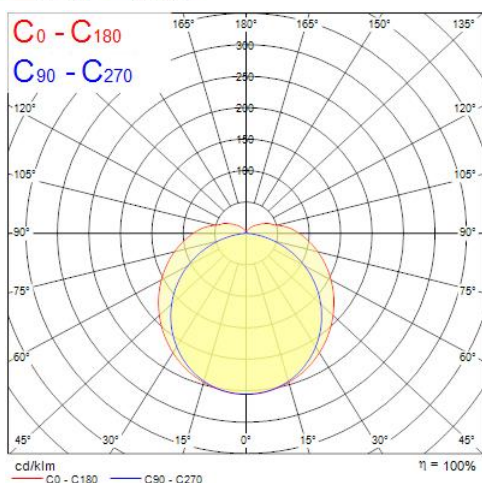
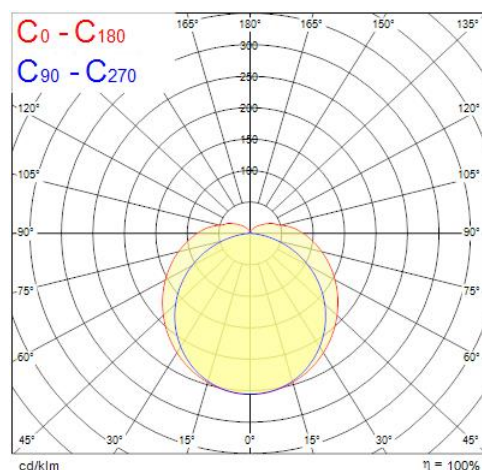
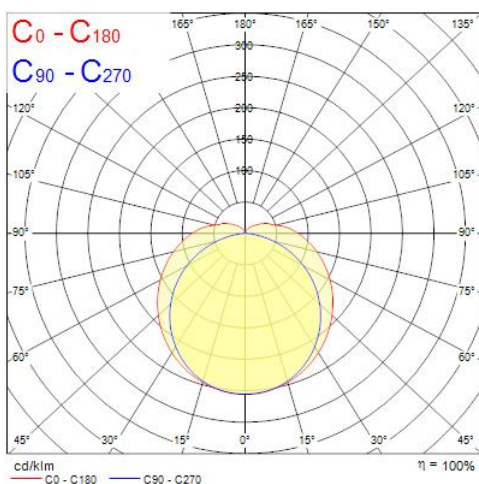
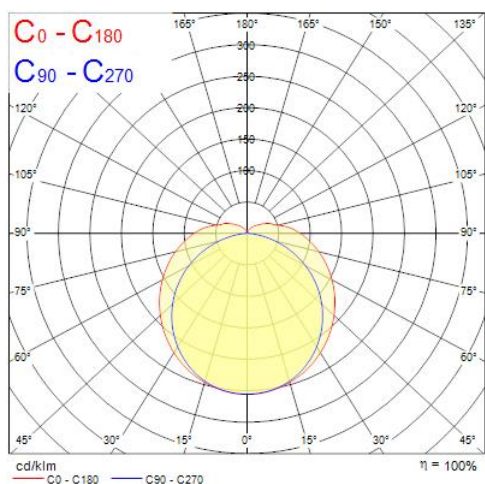
Product Overview

Product name	Start Batten 1200 3000/5000lm 830/840
Technology	LED
Cap/Base	N/A
Housing	Steel
General application	Logistics & Industry
ETIM Class	EC000109
E-number FI	4279481
Fixture luminous flux (lm)	5000
Luminaire efficacy (lm/W)	141
Light colour	Warm White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	145x110
Photobiological Risk Group	RG1
Total power consumption (W)	35.5
Electrical protection	Class I
Control gear type	LED driver constant current

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Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP20
IK rating	IK08
Product EAN number	5410288489780
Warranty	5 years
Dimming method	N/A

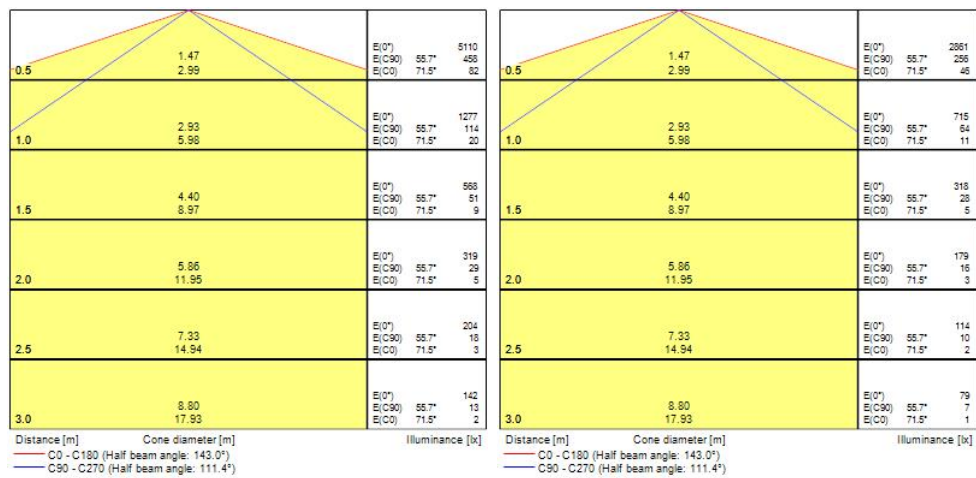
Photometry



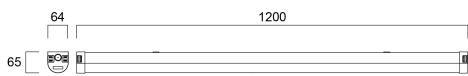
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1.0	2.93 5.98	E(0°) E(C90) E(C0)	1225 110 20
1.5	4.40 8.97	E(0°) E(C90) E(C0)	545 49 9
2.0	5.86 11.95	E(0°) E(C90) E(C0)	307 27 5
2.5	7.33 14.94	E(0°) E(C90) E(C0)	196 18 3
3.0	8.80 17.93	E(0°) E(C90) E(C0)	136 12 2
Distance [m] Cone diameter [m] C0 - C180 (Half beam angle: 143.0°) C90 - C270 (Half beam angle: 111.4°)			
Illuminance [lx]			

0.5	1.47 2.99	E(0°) E(C90) E(C0)	3015 270 48
1.0	2.93 5.98	E(0°) E(C90) E(C0)	754 68 12
1.5	4.40 8.97	E(0°) E(C90) E(C0)	335 30 5
2.0	5.86 11.95	E(0°) E(C90) E(C0)	188 17 3
2.5	7.33 14.94	E(0°) E(C90) E(C0)	121 11 2
3.0	8.80 17.93	E(0°) E(C90) E(C0)	84 8 1
Distance [m] Cone diameter [m] C0 - C180 (Half beam angle: 143.0°) C90 - C270 (Half beam angle: 111.4°)			
Illuminance [lx]			

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Technical drawings



Data table

GENERAL DATA

Product name	Start Batten 1200 3000/5000lm 830/840
Technology	LED
Cap/Base	N/A
Housing	Steel
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC000109
E-number FI	4279481

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Warranty	5 years
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OPTICAL DATA

Fixture luminous flux (lm)	5000
Luminaire efficacy (lm/W)	141
Light colour	Warm White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	145x110
Photobiological Risk Group	RG1

ELECTRICAL DATA

Total power consumption (W)	35.5
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	20
Electrical protection	Class I
Control gear required	Yes
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>50000
Dimmable	No
Dimming method	N/A
Drive current (mA)	300
Inrush Current (A)	24.2
Inrush Duration (μ s)	204
Energy Efficiency Class (A->G) of contained light source	C
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

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Max. products per 16A C Breaker	19
Max. products per 20A C Breaker	25
Max. products per 10A B Breaker	10
Max. products per 13A B Breaker	11
Max. products per 16A B Breaker	13
Max. products per 20A B Breaker	15
Connectable conductor cross section - Max (mm ²)	1.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B50	62000

PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK08
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1200
Nominal Product Width (mm)	64
Nominal Product Height (mm)	65
Weight (kg)	1.182

PACKAGING

Product EAN number	5410288489780
Packaging single length / height (cm)	120.0
Packaging single width (cm)	6.4
Packaging single depth (cm)	6.5
DUN14 (inner)	15410288489787
Units per outer package	6
Packaging outer length / height (cm)	122.0
Packaging outer width (cm)	15.3
Packaging outer depth (cm)	22.7



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SAFETY DATA

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No