

Features

- LED batten, T8 replacement, ease of installation through 2 part push-in design of the housing, Traffic white (RAL9016) iron housing, 3900 - 7300lm (selected by DIP switches), 28 - 52W, 135-146lm/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 with corridor function with microwave presence sensor, IK08, IP20, 1500 x 64 x 65mm (LxWxH) dimensions, 1.58kg weight. BESA compatibility. End cap incorporates 20mm conduit knock out.

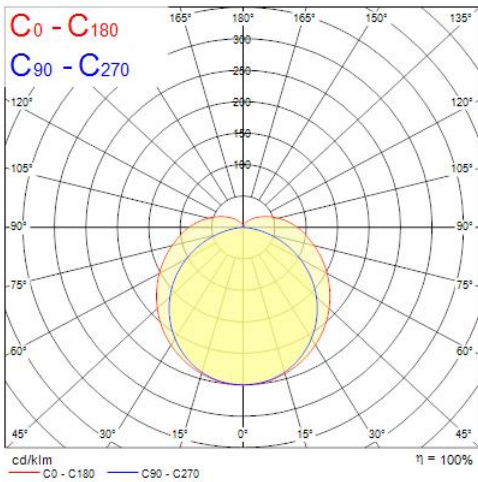
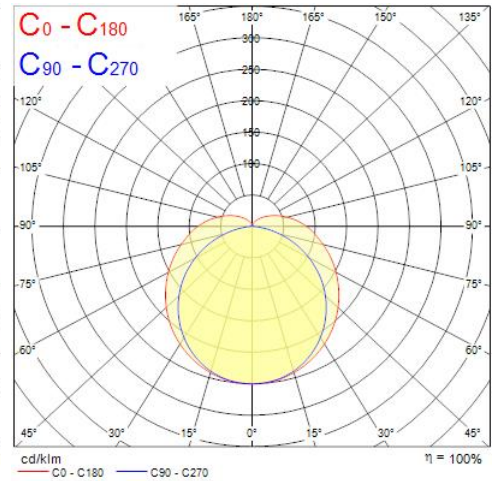
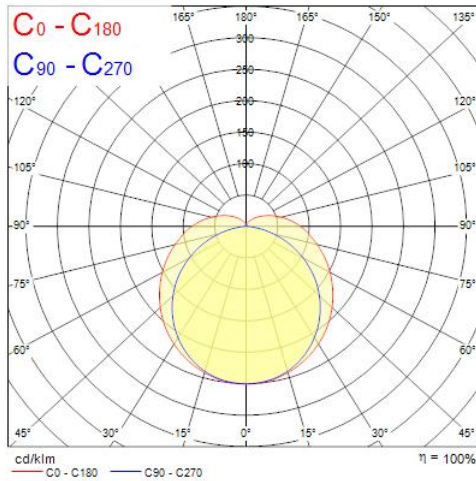
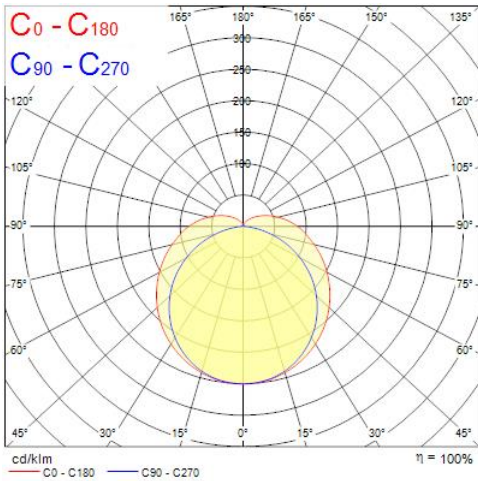
Product Overview

Product name	Start Batten 1500 4000/7000lm MWC 830/840
Technology	LED
Cap/Base	N/A
Housing	Steel
General application	Logistics & Industry
ETIM Class	EC000109
E-number FI	4279495
Fixture luminous flux (lm)	7300
Luminaire efficacy (lm/W)	140
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)	52
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	5410288489827
Warranty	5 years
Dimming method	N/A

Photometry



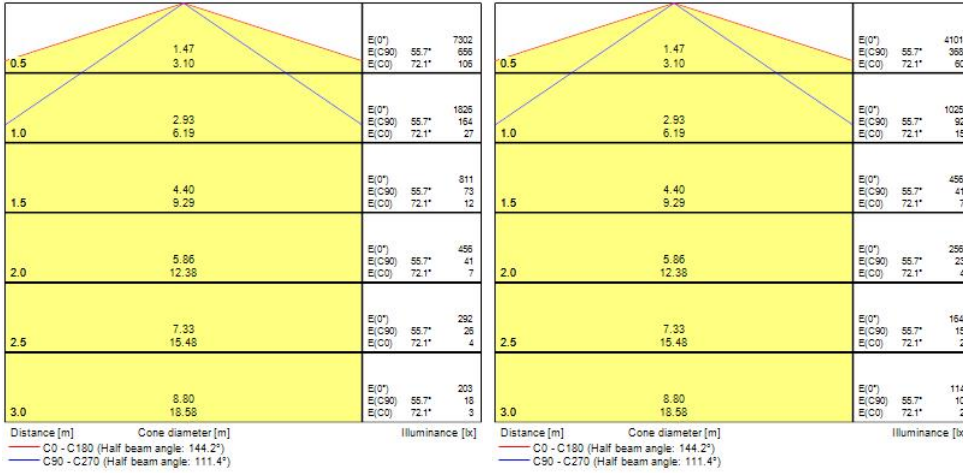
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.47 3.10	7002	55.7° 629	72.1° 102
1.0	2.93 6.19	1751	55.7° 157	72.1° 25
1.5	4.40 9.29	778	55.7° 70	72.1° 11
2.0	5.86 12.38	438	55.7° 39	72.1° 6
2.5	7.33 15.48	280	55.7° 25	72.1° 4
3.0	8.80 18.58	196	55.7° 17	72.1° 3

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 144.2°)
 — C90 - C270 (Half beam angle: 111.4°)

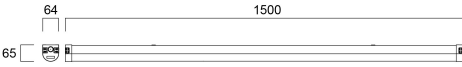
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.47 3.10	3901	55.7° 350	72.1° 57
1.0	2.93 6.19	975	55.7° 88	72.1° 14
1.5	4.40 9.29	433	55.7° 39	72.1° 6
2.0	5.86 12.38	244	55.7° 22	72.1° 4
2.5	7.33 15.48	156	55.7° 14	72.1° 2
3.0	8.80 18.58	108	55.7° 10	72.1° 2

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 144.2°)
 — C90 - C270 (Half beam angle: 111.4°)

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Technical drawings



Data table

GENERAL DATA

Product name	Start Batten 1500 4000/7000lm MWC 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	4279495

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Warranty	5 years
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OPTICAL DATA

Fixture luminous flux (lm)	7300
Luminaire efficacy (lm/W)	140
Correlated colour temperature range (K)	3000 - 4000
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)	52
Primary Supply/Product voltage - min (V)	240.0
Primary Supply/Product voltage - max (V)	220
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ 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)	350
Inrush Current (A)	14.6
Inrush Duration (µs)	280
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)

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Max. products per 10A C Breaker	15
Max. products per 13A C Breaker	18
Max. products per 16A C Breaker	24
Max. products per 20A C Breaker	30
Max. products per 10A B Breaker	12
Max. products per 13A B Breaker	13
Max. products per 16A B Breaker	15
Max. products per 20A B Breaker	18
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)	1500
Nominal Product Width (mm)	64
Nominal Product Height (mm)	65
Weight (kg)	1.58

PACKAGING

Product EAN number	5410288489827
Packaging single length / height (cm)	150.0
Packaging single width (cm)	6.4
Packaging single depth (cm)	6.5
DUN14 (outer)	15410288489824
Units per outer package	6
Packaging outer length / height (cm)	152.0

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Packaging outer width (cm)	15.3
Packaging outer depth (cm)	22.7

SAFETY DATA

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