



Features

- LED batten, T8 replacement, ease of installation through 2 part push-in design of the housing, Traffic white (RAL9016) iron housing, 4800 / 4850lm, 36.5W,132/133lm/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, 120000 hrs L70B50 lifespan, DALI driver (with built-in switch-dim capability), IK08, IP20, 1200 x 64 x 65mm (LxWxH) dimensions, 1.31kg weight. BESA compatibility. End cap incorporates 20mm conduit knock out.

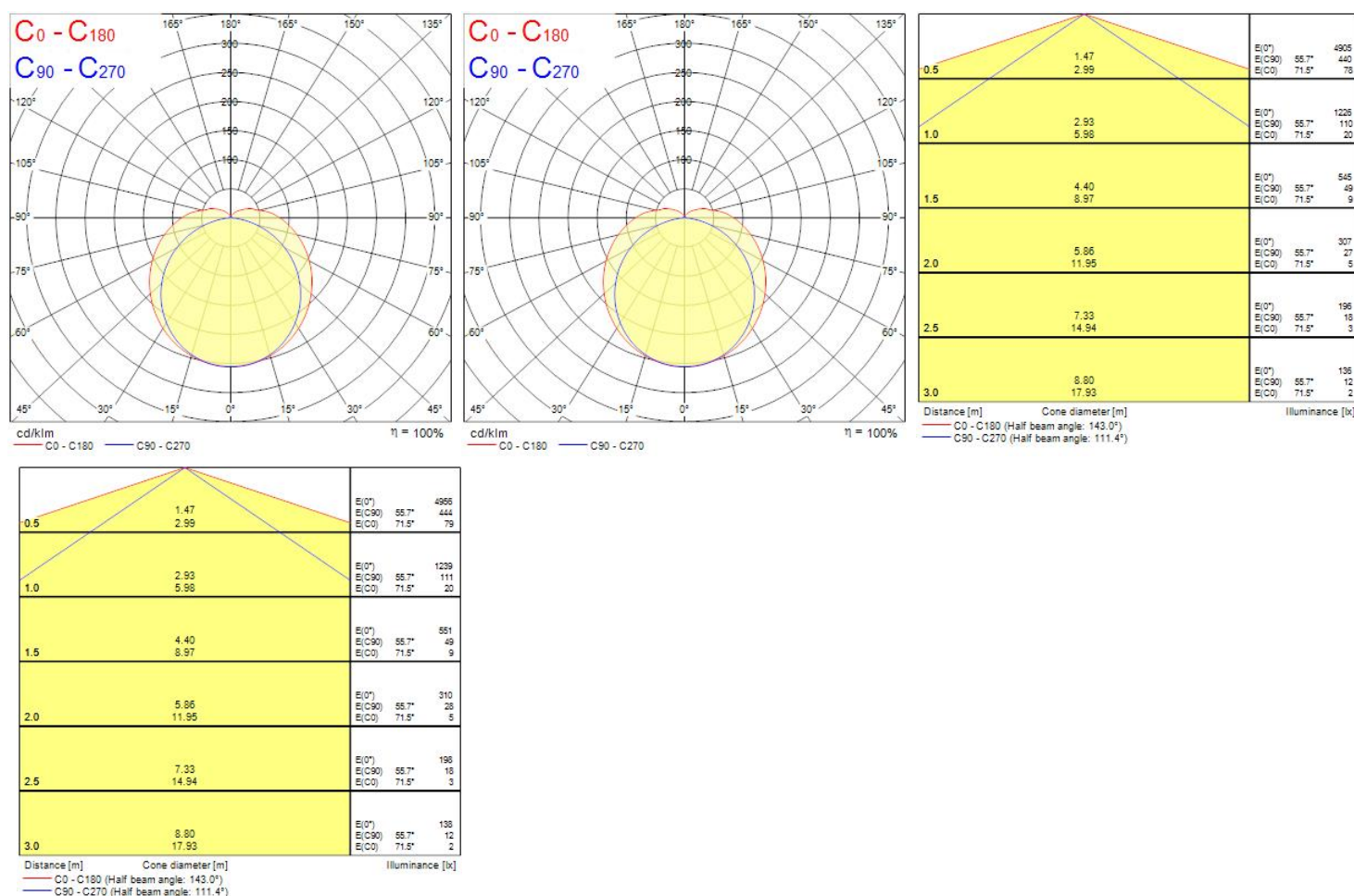
Product Overview

Product name	Start Batten 1200 5000lm DALI 830/840
Technology	LED
Cap/Base	N/A
Housing	Steel
General application	Logistics & Industry
ETIM Class	EC000109
E-number FI	4279487
Fixture luminous flux (lm)	4850
Luminaire efficacy (lm/W)	133
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)	36.5
Electrical protection	Class I
Control gear type	LED driver constant current

**Start Batten 1200 5000lm DALI 830/840
0048983**

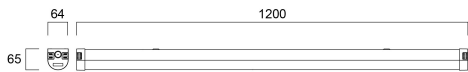
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP20
IK rating	IK08
Product EAN number	5410288489834
Warranty	5 years
Dimming method	DALI-2

Photometry



Start Batten 1200 5000lm DALI 830/840
0048983

Technical drawings



Data table

GENERAL DATA

Product name	Start Batten 1200 5000lm DALI 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	4279487
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4850
Luminaire efficacy (lm/W)	133
Light colour	Warm White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	145x110
Photobiological Risk Group	RG1

Start Batten 1200 5000lm DALI 830/840 0048983

ELECTRICAL DATA

Total power consumption (W)	36.5
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	Yes
Dimming method	DALI-2
Drive current (mA)	350
Inrush Current (A)	31
Inrush Duration (μ s)	262
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	8
Max. products per 13A C Breaker	10
Max. products per 16A C Breaker	12
Max. products per 20A C Breaker	15
Max. products per 10A B Breaker	7
Max. products per 13A B Breaker	7
Max. products per 16A B Breaker	8
Max. products per 20A B Breaker	11
Connectable conductor cross section - Max (mm ²)	1.5

LIFETIME DATA

Lifespan L70 B50	120000
------------------	--------

Start Batten 1200 5000lm DALI 830/840
0048983

Lifespan L80 B50	120000
------------------	--------

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)	1.317

PACKAGING

Product EAN number	5410288489834
Packaging single length / height (cm)	121.2
Packaging single width (cm)	6.7
Packaging single depth (cm)	6.7
DUN14 (inner)	15410288489831
Units per outer package	6
Packaging outer length / height (cm)	122.8
Packaging outer width (cm)	15.3
Packaging outer depth (cm)	22.3

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