



Features

- LED batten, T8 replacement, ease of installation through 2 part push-in design of the housing, Traffic white (RAL9016) iron housing, 8700 / 8900lm, 65W, 134/137lm/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, 1800 x 64 x 65mm (LxWxH) dimensions, 1.83kg weight. BESA compatibility. End cap incorporates 20mm conduit knock out.

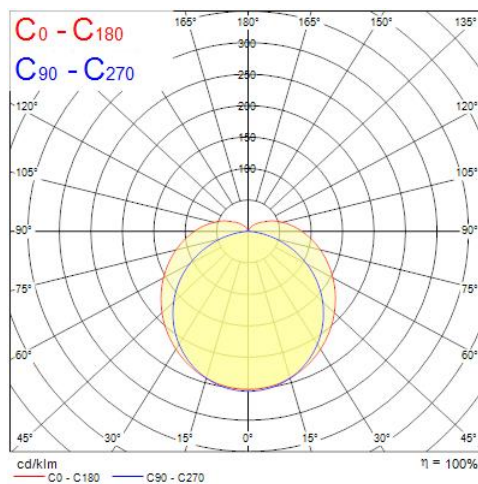
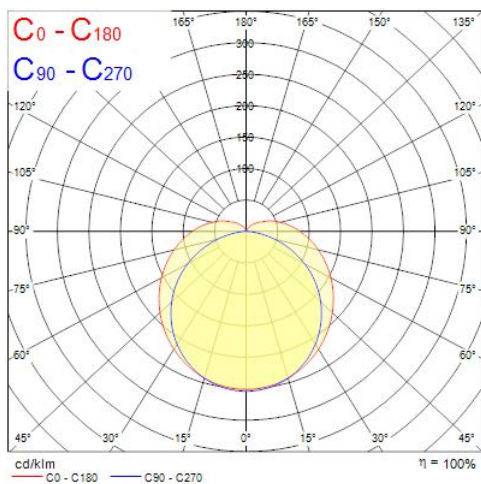
Product Overview

Product name	Start Batten 1800 9000lm DALI 830/840
Technology	LED
Cap/Base	N/A
Housing	Steel
General application	Logistics & Industry
ETIM Class	EC000109
E-number FI	4279491
Fixture luminous flux (lm)	8900
Luminaire efficacy (lm/W)	137
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)	65
Electrical protection	Class I
Control gear type	LED driver constant current

Start Batten 1800 9000lm DALI 830/840 0048985

Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9016
IP rating	IP20
IK rating	IK08
Product EAN number	5410288489858
Warranty	5 years
Dimming method	DALI-2

Photometry



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.48 3.19	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	3748 774 117
1.0	2.97 6.38	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	2187 193 29
1.5	4.45 9.57	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	972 86 13
2.0	5.93 12.76	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	547 45 7
2.5	7.41 15.96	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	350 31 5
3.0	8.90 19.15	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	243 21 3

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

— C0 - C180 (Half beam angle: 145.2°)
— C90 - C270 (Half beam angle: 112.0°)

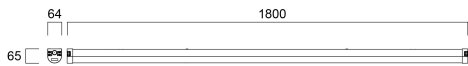
Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	1.48 3.19	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	9949 792 120
1.0	2.97 6.38	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	2237 196 30
1.5	4.45 9.57	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	994 86 13
2.0	5.93 12.76	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	559 49 7
2.5	7.41 15.96	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	358 32 5
3.0	8.90 19.15	56.0° 72.6°	56.0° 72.6°	56.0° 72.6°	249 22 3

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

— C0 - C180 (Half beam angle: 145.2°)
— C90 - C270 (Half beam angle: 112.0°)

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Technical drawings



Data table

GENERAL DATA

Product name	Start Batten 1800 9000lm 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	4279491
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	8900
Luminaire efficacy (lm/W)	137
Light colour	Warm White or Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	145x110
Photobiological Risk Group	RG1

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ELECTRICAL DATA

Total power consumption (W)	65
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)	400
Inrush Current (A)	38.2
Inrush Duration (μ s)	289
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	5
Max. products per 13A C Breaker	7
Max. products per 16A C Breaker	9
Max. products per 20A C Breaker	11
Max. products per 10A B Breaker	4
Max. products per 13A B Breaker	4
Max. products per 16A B Breaker	5
Max. products per 20A B Breaker	7
Connectable conductor cross section - Max (mm ²)	1.5

LIFETIME DATA

Lifespan L70 B50	120000
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Lifespan L80 B50	120000
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PHYSICAL DATA

Housing colour	RAL9016
IP rating	IP20
IK rating	IK08
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	1800
Nominal Product Width (mm)	64
Nominal Product Height (mm)	65
Weight (kg)	1.846

PACKAGING

Product EAN number	5410288489858
Packaging single length / height (cm)	180.9
Packaging single width (cm)	6.7
Packaging single depth (cm)	6.7
DUN14 (inner)	15410288489855
Units per outer package	6
Packaging outer length / height (cm)	182.5
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