

Start Batten 1200 5000lm DALI 830/840

Item No: 0048983

SYLVANIA

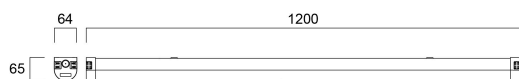
START



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.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle	E [lx]	E (C0)	E (C90)	Illuminance [lx]
0.5	1.47 2.99	143.0° 143.0°	55.7° 55.7°	465 465	465 465	465
1.0	2.93 5.86	143.0° 143.0°	55.7° 55.7°	1228 1228	1228 1228	1228
1.5	4.40 8.81	143.0° 143.0°	55.7° 55.7°	545 545	545 545	545
2.0	5.86 11.95	143.0° 143.0°	55.7° 55.7°	307 307	307 307	307
2.5	7.33 14.94	143.0° 143.0°	55.7° 55.7°	196 196	196 196	196
3.0	8.80 17.93	143.0° 143.0°	55.7° 55.7°	138 138	138 138	138

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General data

Product name	Start Batten 1200 5000lm DALI 830/840
Technology	LED
Cap/Base	N/A
Housing	Steel
Built in presence detector	NONE
General application	Logistics & Industry
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
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)	SDCM3
Beam Angle (°)	145x110
Photobiological Risk Group	RG1

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) ≤ 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 (µs)	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 (mm²)	1.5

Lifetime data

Lifespan L70 B50	120000
Lifespan L80 B50	120000

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Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
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