

Start Batten 1800 9000lm DALI 830/840

Item No: 0048985

SYLVANIA

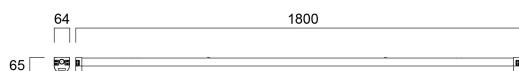
START



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.

Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]
0.5	1.43 3.19	50° 72.9°	50° 72.9°	50° 72.9°	50° 72.9°
1.0	2.87 6.38	50° 72.9°	50° 72.9°	50° 72.9°	50° 72.9°
1.5	4.45 9.57	50° 72.9°	50° 72.9°	50° 72.9°	50° 72.9°
2.0	5.93 12.76	50° 72.9°	50° 72.9°	50° 72.9°	50° 72.9°
2.5	7.41 16.36	50° 72.9°	50° 72.9°	50° 72.9°	50° 72.9°
3.0	8.90 19.15	50° 72.9°	50° 72.9°	50° 72.9°	50° 72.9°
Cone diameter [m]					Illuminance [lx]
DO = C180 (Half beam angle: 145.2°)					
C90 = C72 (Half beam angle: 112.0°)					

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General data

Product name	Start Batten 1800 9000lm 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	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)	SDCM3
Beam Angle (°)	145x110
Photobiological Risk Group	RG1

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) ≤ 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 (µs)	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 (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)	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