

430396

Technical Specification

Linear

Sutton Plus Batten 50W 2CCT 4000K/6000K 5ft Twin White



Frosted, ribbed Polycarbonate diffuser to reduce glare, Improved thermals utilising Aluminium back PCBs, Push fit terminals, 20mm conduit entry, Additional screw to secure end cap, H3 – High Output Emergency 440lm option available



General Data

Technology	LED
Mounting options	Ceiling Wall Suspended
Install Options	BESA
Electrical Connector Type	Push fit terminal
Input Cable	No
Input Electrical Connection	Live Neutral Earth
General Application	Commercial Educational
Operating Temperature Range °C	0 - +40
Warranty (Years)	5

Optical Data

LED Manufacturer / Type	San'an
Fixture Luminous Flux (Lm)	6087 6100
Luminaire Efficacy @4000K (lm/W)	121
Luminaire Efficacy @6000K (lm/W)	121
LOR %	100
Colour Selectable	Yes
Beam Angle°	120
Photobiological Risk Group	RG0

Light Source Data

Energy Class	C
Lumens	7856
Lm/W	173
Colour Temperature (K)	4000 6000
Light Colour	Cool White Daylight
CRI Ra	80

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Electrical Data

Wattage (W)	50
Total Power Consumption (W)	50.3 50.4
Mains voltage (V)	220 - 240
Lamp power factor	0.95
Electrical protection	Class I
Driver Output (V)	30 - 42
Driver Output Current (mA)	1200
Control Gear Type CC or CV	Constant Current
SVM	0.01
PstLM	0.02
LED Flicker Rate	0.2
Dimmable	No
Driver Brand	Boke
Inrush Current (A)	15.6
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	2
Max. Luminaire per 10A C Breaker	20
Max. Luminaire per 13A C Breaker	30
Max. Luminaire per 16A C Breaker	40
Max. Luminaire per 20A C Breaker	50
Max. Luminaire per 10A B Breaker	16
Max. Luminaire per 13A B Breaker	24
Max. Luminaire per 16A B Breaker	32
Max. Luminaire per 20A B Breaker	40

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Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	50000
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Physical Data

Housing colour	White RAL 9003
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Body material	Sheet Metal
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Driver Housing	Polycarbonate
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IP Rating	20
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IK Rating	4
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Diffuser Material	Polycarbonate
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Diffuser finish	Frosted
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Nominal Product Length (mm)	1524
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Nominal Product Width (mm)	64
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Nominal Product Height (mm)	62
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Weight (kg)	1.5
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Standards and Approvals

Manufactured In Accordance To	EN 60598-1
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CE Mark	Yes
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UKCA Mark	Yes
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WEEE Symbol	Yes
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Certificate Of Conformity	Available on Request
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Accredited Members	LIA, ISO9001
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