

430398-H3-PIR

Technical Specification

Linear

Sutton Plus Batten 50W 2CCT 4000K/6000K 6ft Twin Emergency PIR 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 P Live
General Application	Commercial Educational
Operating Temperature Range °C	0 - +30
Warranty (Years)	5

Optical Data

LED Manufacturer / Type	SMD2835
Fixture Luminous Flux (Lm)	8000
Luminaire Efficacy @4000K (lm/W)	160
Luminaire Efficacy @6000K (lm/W)	160
LOR %	100
Colour Selectable	Yes
Beam Angle°	120
Photobiological Risk Group	RG0

Light Source Data

Energy Class	C
Lumens	8843
Lm/W	173
Colour Temperature (K)	4000 6000
Light Colour	Cool White Daylight
CRI Ra	80

430398-H3-PIR
Technical Specification
Electrical Data

Wattage (W)	50
Mains voltage (V)	220 - 240
Lamp power factor	>90
Electrical protection	Class I
Driver Output (V)	115–172
Driver Output Current (mA)	350
Control Gear Type CC or CV	Constant Current
Dimmable	No
Driver Brand	Lifud
Inrush Current (A)	≤25A
Nominal Frequency (Hz)	50/60

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	50000
-------------------------------------	-------

Emergency Data

Battery Type	LiFePO4
Battery Capacity (mAh)	3200
Battery Warranty (Years)	2
Recharge Time (Hours)	24 Hours
Emergency Type	Non-Maintained
Test Procedure	Manual
Emergency Duration (Hours)	3
Emergency Output	400

Sensor Data

Sensor Technology	PIR
Sensor Type	ON/OFF
Max. Mounting Height (M)	4
Hold Time	6sec 3mins 5mins 8mins
Detection area (m)	8X4
Daylight Threshold	5Lux 20Lux 50Lux Disabled
Detection radius (°)	100

Physical Data

Housing colour	White RAL 9003
Body material	Sheet Metal
Driver Housing	Polycarbonate
IP Rating	20
IK Rating	4
Diffuser Material	Polycarbonate
Diffuser finish	Frosted
Nominal Product Length (mm)	1829
Nominal Product Width (mm)	64
Nominal Product Height (mm)	67
Weight (kg)	1.8

430398-H3-PIR

Technical Specification

Standards and Approvals

Manufactured In Accordance To	EN 60598-1 EN60598-2-22
CE Mark	Yes
UKCA Mark	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on Request
Accredited Members	LIA, ISO9001

