

430596-H3S

Technical Specification

Linear

Typhoon Anti-Corrosive 6ft Twin 50W 4000K Grey Self Test H3S



160lm/W output performance, Threaded 20mm cable entry, Push fit terminals, Stainless steel clipsHigh output self-test Emergency available



General Data

Technology	LED
Mounting options	Ceiling Wall Suspended
Install Options	Fixing Bracket Suspension Bracket
Electrical Connector Type	Push fit terminal
Input Cable	No
Input Electrical Connection	Live Neutral Earth P Live
General Application	Industrial Commercial Educational
Operating Temperature Range °C	0 - +30
Warranty (Years)	5

430596-H3S

Technical Specification

Optical Data

LED Manufacturer / Type	MTC 2835
Fixture Luminous Flux (Lm)	8186
Luminaire Efficacy @4000K (lm/W)	162
LOR %	100
Colour Selectable	No
Beam Angle°	120
Photobiological Risk Group	RG0

Light Source Data

Energy Class	C
Lumens	8896
Lm/W	177
Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	80

430596-H3S
Technical Specification

Electrical Data

Wattage (W)	50
Total Power Consumption (W)	50.5
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
SVM	0.01
PstLM	0.01
LED Flicker Rate	0.2
Dimmable	No
Driver Brand	Lifud
Inrush Current (A)	≤25A
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	1
Max. Luminaire per 10A C Breaker	34
Max. Luminaire per 13A C Breaker	44
Max. Luminaire per 16A C Breaker	56
Max. Luminaire per 20A C Breaker	67
Max. Luminaire per 10A B Breaker	20
Max. Luminaire per 13A B Breaker	28
Max. Luminaire per 16A B Breaker	32
Max. Luminaire per 20A B Breaker	44

430596-H3S

Technical Specification

Lifetime Data

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

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

Physical Data

Housing colour	RAL 7038 Grey
Body material	Polycarbonate
Driver Housing	Sheet Steel
IP Rating	65
IK Rating	8
Diffuser Material	Polycarbonate Frosted Diffuser
Diffuser finish	Frosted
Nominal Product Length (mm)	1840
Nominal Product Width (mm)	100
Nominal Product Height (mm)	84
Weight (kg)	2.25

430596-H3S

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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

