

430593-H3S-MW

Technical Specification

Linear

Typhoon Anti-Corrosive 5ft Single 20W 4000K Grey Self Test H3S & MW

IP65

IK08

50,000
Hours

5 YR
Warranty

Flicker Free

A1G C



UK
CA

CE

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

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Optical Data

LED Manufacturer / Type	MTC 2835
Fixture Luminous Flux (Lm)	3694
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	3793
Lm/W	189
Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	80

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Electrical Data

Wattage (W)	20
Total Power Consumption (W)	22.8
Mains voltage (V)	220 - 240
Lamp power factor	>90
Electrical protection	Class I
Driver Output (V)	25-57
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)	≤14A
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	1
Max. Luminaire per 10A C Breaker	67
Max. Luminaire per 13A C Breaker	84
Max. Luminaire per 16A C Breaker	108
Max. Luminaire per 20A C Breaker	140
Max. Luminaire per 10A B Breaker	40
Max. Luminaire per 13A B Breaker	75
Max. Luminaire per 16A B Breaker	95
Max. Luminaire per 20A B Breaker	110

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

Sensor Data

Sensor Technology	Microwave
Sensor Type	ON/OFF
Max. Mounting Height (M)	6
Hold Time	5s 30s 90s 5min 20min 30min
Detection area (m)	10 (4m mounting height)
Daylight Threshold	2Lux 10Lux 30Lux 50Lux Disable
Detection radius (°)	150 (Wall mounted) 360 (Ceiling Mounted)

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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)	1540
Nominal Product Width (mm)	100
Nominal Product Height (mm)	84
Weight (kg)	1.8

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

