

430028-H3-MW

Technical Specification

Linear

Stanford Anti-Corrosive 27W 4000K 5ft Single Emergency Microwave Grey



High efficacy up to 145LPCW, Anti-distortion housing, Improved thermals utilising Aluminium back PCBs, Opal, ribbed Polycarbonate diffuser to reduce glare, Stainless steel clips, H3 – High Output Emergency 440lm option available



General Data

Technology	LED
Mounting options	Ceiling Wall Suspended
Install Options	Fixing Bracket
Electrical Connector Type	Screw 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	Smalite
Fixture Luminous Flux (Lm)	3660
Luminaire Efficacy @4000K (lm/W)	133
LOR %	100
Colour Selectable	No
Beam Angle°	115
Photobiological Risk Group	RG0

Light Source Data

Energy Class	D
Lm/W	133
Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	80

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Electrical Data

Wattage (W)	27
Total Power Consumption (W)	27.5
Mains voltage (V)	220 - 240
Lamp power factor	0.95
Electrical protection	Class I
Driver Output (V)	20 - 54
Driver Output Current (mA)	500
Control Gear Type CC or CV	Constant Current
PstLM	0.09
LED Flicker Rate	11.26
Dimmable	No
Driver Brand	Tridonic
Glow Wire Test (°C)	10
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	2
Max. Luminaire per 10A C Breaker	45
Max. Luminaire per 13A C Breaker	60
Max. Luminaire per 16A C Breaker	75
Max. Luminaire per 20A C Breaker	90
Max. Luminaire per 10A B Breaker	36
Max. Luminaire per 13A B Breaker	48
Max. Luminaire per 16A B Breaker	60
Max. Luminaire per 20A B Breaker	72

Lifetime Data

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

Battery Type	LiFePO4
Battery Capacity (mAh)	3.6Ah
Battery Warranty (Years)	2
Recharge Time (Hours)	24 Hours Hours
Emergency Type	Non-Maintained
Test Procedure	Manual
Emergency Duration (Hours)	3
Emergency Output	440

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	421C Grey
Body material	ABS
Driver Housing	Metal casing
IP Rating	65
IK Rating	8
Diffuser Material	Polycarbonate
Diffuser finish	Milky
Nominal Product Length (mm)	1574
Nominal Product Width (mm)	90
Nominal Product Height (mm)	90
Weight (kg)	1.96

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

