

420542-MW

Technical Specification

Linear

Welford Tubulaire 65W 5000K 5ft Microwave - Frosted



Ideal for harsh environments, IP67 & IK10 rated, Full Polycarbonate throughoutHigh Output
Emergency option available, Microwave option available



General Data

Technology	LED
Mounting options	Ceiling Wall Suspended
Electrical Connector Type	Push fit terminal
Install Options	Fixing Bracket Suspension Kit
Input Cable	No
Input Electrical Connection	Live Neutral Earth
General Application	Industrial Commercial Educational
Operating Temperature Range °C	-20 - +45
Warranty (Years)	5

Optical Data

LED Manufacturer / Type	Epistar
Fixture Luminous Flux (Lm)	7615
Luminaire Efficacy @4000K (lm/W)	121
LOR %	100
Colour Selectable	No
Beam Angle°	120
Photobiological Risk Group	RG1

Light Source Data

Energy Class	E
Lm/W	121
Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	80

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Electrical Data

Wattage (W)	65
Total Power Consumption (W)	62.8
Mains voltage (V)	220 - 240
Lamp power factor	0.9
Electrical protection	Class I
Driver Output (V)	28 - 42
Driver Output Current (mA)	1500
Control Gear Type CC or CV	Constant Current
Dimmable	No
Driver Brand	Boke
Inrush Current (A)	19
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	2
Max. Luminaire per 10A C Breaker	15
Max. Luminaire per 13A C Breaker	25
Max. Luminaire per 16A C Breaker	30
Max. Luminaire per 20A C Breaker	40
Max. Luminaire per 10A B Breaker	12
Max. Luminaire per 13A B Breaker	20
Max. Luminaire per 16A B Breaker	24
Max. Luminaire per 20A B Breaker	32

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	50000
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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)	10m (4m mounting height)
Daylight Threshold	2Lux 10Lux 30Lux 50Lux Disable
Detection radius (°)	360

Physical Data

Housing colour	Frosted
Body material	Polycarbonate
Driver Housing	Metal casing
IP Rating	67
IK Rating	10
Diffuser Material	Polycarboante
Diffuser finish	Opal
Nominal Product Length (mm)	1485
Nominal Product Width (mm)	74
Nominal Product Height (mm)	74
Weight (kg)	1.4

Standards and Approvals

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

