430158-SD | Technical Specification

Amenity

Royd Anti-Tamper Bulkhead 20W 3CCT Step Dim White

Tough and Durable body and Polycarbonate diffuser, Wall and Ceiling Mount, LED lifespan 50,000 hours L70, Standard, Microwave, Emergency and 3 Step Dimming options available, IK08 Impact rated, Tamper proof screws

General Data

Technology	LED
Mounting options	Ceiling | Wall
Install Options	BESA | 20mm knock out
Electrical Connector Type	Push Terminal
Input Cable	No
Input Electrical Connection	Live | Neutral | Earth
General Application	Residential | Commercial
Operating Temperature Range °C	-20 - +40
Warranty (Years)	5

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Optical Data

LED Manufacturer / Type	MTC Lighting
Fixture Luminous Flux (Lm)	2252 | 2390 | 2340
Luminaire Efficacy @3000K (lm/W)	114
Luminaire Efficacy @4000K (lm/W)	128
Luminaire Efficacy @6000K (lm/W)	122
LOR %	100
Colour Selectable	Yes
Beam Angle°	115
Optics	Symetric
Photobiological Risk Group	RG0

Light Source Data

Energy Class	E
Colour Temperature (K)	3000 | 4000 | 6000
Light Colour	Warm Light | Cool White | Daylight
CRI Ra	80

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Electrical Data

Wattage (W)	20
Total Power Consumption (W)	19.7 | 18.6 | 19.2
Mains voltage (V)	220 - 240
Lamp power factor	>75
Electrical protection	Class I
Driver Output (V)	30-45
Driver Output Current (mA)	410
Control Gear Type CC or CV	Constant Current
SVM	0.02
PstLM	0.02
LED Flicker Rate	0.47
Dimmable	Yes
Dimmable Type	Step Dim
Driver Brand	Lumineux
Inrush Current (A)	<20
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60
Max. Luminaire per 10A C Breaker	56
Max. Luminaire per 13A C Breaker	72
Max. Luminaire per 16A C Breaker	89
Max. Luminaire per 20A C Breaker	111
Max. Luminaire per 10A B Breaker	33
Max. Luminaire per 13A B Breaker	43
Max. Luminaire per 16A B Breaker	53
Max. Luminaire per 20A B Breaker	67

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Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	50000

Sensor Data

Sensor Technology	Step Dim
Sensor Type	Step Dim
Max. Mounting Height (M)	6
Hold Time	5s|90s|3min|10min
Detection area (m)	4-6
Daylight Threshold	5Lux|15Lux | 30Lux | Disable
Detection radius (°)	150 (Wall mounted)/360 (Ceiling mounted)

Physical Data

Housing colour	White RAL 9016
Body material	ABS
Driver Housing	Polycarbonate
IP Rating	65
IK Rating	8
Diffuser Material	Polycarbonate
Diffuser finish	Frosted
Nominal Product Length (mm)	305
Nominal Product Width (mm)	305
Nominal Product Height (mm)	110
Weight (kg)	0.78

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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

Product Relations

430157-MW
Royd Anti-Tamper Bulkhead 12W 3CCT Microwave White

430157
Royd Anti-Tamper Bulkhead 12W 3CCT White

430157-SD
Royd Anti-Tamper Bulkhead 12W 3CCT Step Dim White

431128
Royd Anti Tamper Bulkhad 12W/16W/18W 3CCT White Plug & Play IP65

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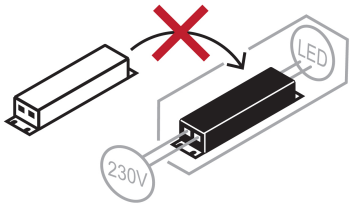

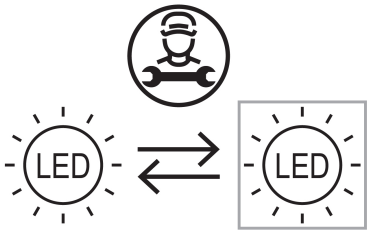

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