

430204

Technical Specification

Commercial

Eyebrook Dome Downlight 16W 3CCT 80° 6" White



Interchangeable reflectors and trims. See accessories, Aluminium heatsink provides excellent thermals, 3CCT downlight (3000K, 4000K, 6000K), 80° beam angle



General Data

Technology	LED
Mounting options	Ceiling
Install Options	Ceiling
Electrical Connector Type	Flying Lead
Input Cable	2-Core
Input Electrical Connection	Live Neutral
General Application	Commercial Industrial Educational
Minimum Void Requirement (mm)	120
Operating Temperature Range °C	0 - +45
Warranty (Years)	5

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Optical Data

Fixture Luminous Flux (Lm)	1726 1786 1740
Luminaire Efficacy @3000K (lm/W)	103
Luminaire Efficacy @4000K (lm/W)	110
Luminaire Efficacy @6000K (lm/W)	105
LOR %	100
Colour Selectable	Yes
Beam Angle°	80
Photobiological Risk Group	RG0

Light Source Data

Energy Class	F
Lm/W	110
Colour Temperature (K)	3000 4000 6000
Light Colour	Warm Light Cool White Daylight
CRI Ra	80

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Electrical Data

Wattage (W)	16
Total Power Consumption (W)	16.7 16.2 16.5
Mains voltage (V)	220 - 240
Lamp power factor	0.9
Electrical protection	Class II
Driver Output (V)	28-40
Driver Output Current (mA)	450
Control Gear Type CC or CV	Constant Current
SVM	0.01
PstLM	0.02
LED Flicker Rate	0.25
Dimmable	No
Driver Brand	Lumineux
Inrush Current (A)	18
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	0.5
Max. Luminaire per 10A C Breaker	62
Max. Luminaire per 13A C Breaker	80
Max. Luminaire per 16A C Breaker	99
Max. Luminaire per 20A C Breaker	123
Max. Luminaire per 10A B Breaker	37
Max. Luminaire per 13A B Breaker	48
Max. Luminaire per 16A B Breaker	59
Max. Luminaire per 20A B Breaker	74

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Lifetime Data

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

Housing colour	Black RAL 9005 White RAL 9016
Body material	Aluminium
Driver Housing	ABS
IP Rating	54
IK Rating	08
Zoning Suitability	Zone 2
Diffuser Material	Polycarbobnate
Diffuser finish	Frosted
Nominal Product Length (mm)	172
Nominal Product Width (mm)	172
Nominal Product Height (mm)	90
Cut-Out (mm)	150-165
Weight (kg)	0.665

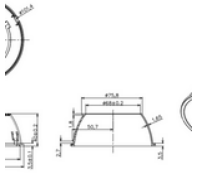
Standards and Approvals

Manufactured In Accordance To	EN 60598-1 EN 60598-2-2
CE Mark	Yes
UKCA Mark	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on Request
Accredited Members	LIA, ISO9001

Product Relations

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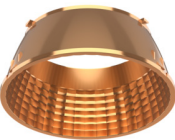
430213
Eyebrook 4" Reflector White



430211
Eyebrook 4" Reflector Specular



430214
Eyebrook 6" Reflector Specular



430546
Eyebrook 6" Reflector Copper



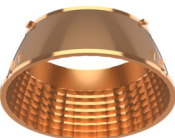
430212
Eyebrook 4" Reflector Black



430216
Eyebrook 6" Reflector White



430215
Eyebrook 6" Reflector Black



430545
Eyebrook 4" Reflector Copper

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430258
Eyebrook 4" Reflector Silver



430259
Eyebrook 6" Reflector Silver



430222
Eyebrook 6" Trim Anti-Tamper



430219
Eyebrook 4" Trim Anti-Tamper



430223
Eyebrook 6" Trim Drop Glass



430221
Eyebrook 4" Trim Halo



430224
Eyebrook 6" Trim Halo



430220
Eyebrook 4" Trim Drop Glass

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