

430207

Technical Specification

Commercial

Eyebrook Lens Downlight UGR 18W 4000K 60° 6" White



Interchangeable reflectors and trims. See accessories, Aluminium heatsink provides excellent thermals, UGR <19High efficiency up to 130Lm/W



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)	2248
Luminaire Efficacy @4000K (lm/W)	129
LOR %	100
Colour Selectable	No
Beam Angle°	60
Photobiological Risk Group	RG0

Light Source Data

Energy Class	E
Lm/W	129
Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	80

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Electrical Data

Wattage (W)	18
Total Power Consumption (W)	17.4
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)	20
Glow Wire Test (°C)	850
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	0.5
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
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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	8
Zoning Suitability	Zone 2
Diffuser Material	PMMA Plastic
Diffuser finish	Clear Lens
Nominal Product Length (mm)	172
Nominal Product Width (mm)	172
Nominal Product Height (mm)	90
Cut-Out (mm)	150-165
Weight (kg)	0.705

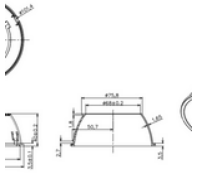
Standards and Approvals

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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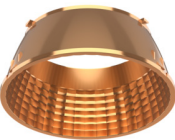
430213
Eyebrook 4" Reflector White



430211
Eyebrook 4" Reflector Specular



430214
Eyebrook 6" Reflector Specular



430546
Eyebrook 6" Reflector Copper



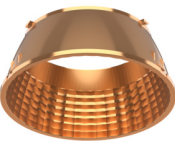
430212
Eyebrook 4" Reflector Black



430216
Eyebrook 6" Reflector White



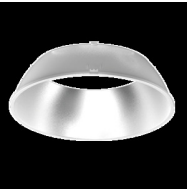
430215
Eyebrook 6" Reflector Black



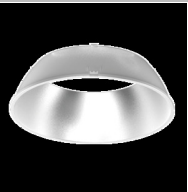
430545
Eyebrook 4" Reflector Copper

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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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