

430520-90

Technical Specification

Industrial

Meadley High Bay 100W 5000K 90D



• Compact design high bay• Supplied with 1.5M prewired H05RN-F cable• 90° or 120° optic options• Plug & Play Grafham Emergency Pack available



General Data

Technology	LED
Mounting options	Suspension
Install Options	Loop Hanging
Electrical Connector Type	Flying Lead
Input Cable	1.5M H05RN-F 3-Core
Input Electrical Connection	Live Neutral Earth
General Application	Industrial
Operating Temperature Range °C	-30-+40
Warranty (Years)	5

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Optical Data

LED Manufacturer / Type	BMTC
Fixture Luminous Flux (Lm)	13210
Luminaire Efficacy @5000K (lm/W)	135
LOR %	100
Colour Selectable	No
Beam Angle°	90
Photobiological Risk Group	RG1

Light Source Data

Energy Class	E
Lm/W	135
Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	80

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Electrical Data

Wattage (W)	100
Total Power Consumption (W)	98
Mains voltage (V)	220 - 240
Lamp power factor	>0.95
Electrical protection	Class I
Driver Output (V)	180-210
Driver Output Current (mA)	0.5-.0.7
Control Gear Type CC or CV	Constant Current
Dimmable	No
Driver Brand	Baldurs
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	6
Max. Luminaire per 10A C Breaker	12
Max. Luminaire per 13A C Breaker	15
Max. Luminaire per 16A C Breaker	18
Max. Luminaire per 20A C Breaker	23
Max. Luminaire per 10A B Breaker	12
Max. Luminaire per 13A B Breaker	15
Max. Luminaire per 16A B Breaker	18
Max. Luminaire per 20A B Breaker	23

Lifetime Data

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

Housing colour	Black RAL 9005
Body material	Diecast Aluminium
Driver Housing	Aluminium
IP Rating	65
IK Rating	10
Diffuser Material	Polycarbonate
Diffuser finish	Clear
Nominal Product Length (mm)	223
Nominal Product Width (mm)	223
Nominal Product Height (mm)	168
Weight (kg)	1.8

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

