

430163

Technical Specification

Industrial

Loscoe High Bay 200W 5000K 120° Glass Black



High ambient temperature up to 70°C, 50,000 hours, long life at L70 at 70°C, Outstanding cooling performance with excellent air cross-ventilation design



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 - +70
Warranty (Years)	5

430163

Technical Specification

Optical Data

LED Manufacturer / Type	Nichia
Fixture Luminous Flux (Lm)	33190
Luminaire Efficacy @5000K (lm/W)	167
LOR %	100
Colour Selectable	No
Beam Angle°	120
Photobiological Risk Group	RG1

Light Source Data

Energy Class	C
Lm/W	167
Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	80

430163

Technical Specification

Electrical Data

Wattage (W)	200
Total Power Consumption (W)	198.2
Mains voltage (V)	220 - 240
Lamp power factor	>92
Electrical protection	Class I
Driver Output (V)	90-283
Driver Output Current (mA)	1.01
Control Gear Type CC or CV	Constant Current
Dimmable	No
Driver Brand	Phillips
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	4
Max. Luminaire per 10A C Breaker	7
Max. Luminaire per 13A C Breaker	9
Max. Luminaire per 16A C Breaker	14
Max. Luminaire per 20A C Breaker	18
Max. Luminaire per 10A B Breaker	5
Max. Luminaire per 13A B Breaker	7
Max. Luminaire per 16A B Breaker	10
Max. Luminaire per 20A B Breaker	14

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	244000
Lifespan L80 B20 @25°C (Hrs)	152000
Lifespan L90 B10 @25°C (Hrs)	70000

430163

Technical Specification

Physical Data

Housing colour	Black RAL 9005
Body material	Diecast Aluminium
Driver Housing	Aluminium
IP Rating	65
IK Rating	7
Diffuser Material	Glass
Diffuser finish	Clear
Nominal Product Length (mm)	400
Nominal Product Width (mm)	400
Nominal Product Height (mm)	307
Weight (kg)	7.96

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

