

430540-90

Technical Specification

Industrial

Netherton Linear Highbay 100W 5000K 90D Plug & Play (Zhaga)



Optics ideal for racked aisle,Sosen LED driverPlug & Play Options: , Alwen Zhaga Microwave sensor , Alwen Zhaga PIR Sensor , Alwen Zhaga truSmart PIR sensor



General Data

Technology	LED
Mounting options	Ceiling Hooks Cable Rotary Bracket
Install Options	Suspension Ceiling Wall
Electrical Connector Type	Flying Lead H05RN-F 1.5m
Input Cable	3 Core
Input Electrical Connection	Live Neutral Earth
General Application	Industrial
Operating Temperature Range °C	-30 - +50
Warranty (Years)	5

430540-90

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Optical Data

LED Manufacturer / Type	Lumileds
Fixture Luminous Flux (Lm)	13120
Luminaire Efficacy @5000K (lm/W)	132
LOR %	100
Colour Selectable	No
Beam Angle°	60 x 90
Photobiological Risk Group	RG1

Light Source Data

Energy Class	E
Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	80

430540-90

Technical Specification

Electrical Data

Wattage (W)	100
Total Power Consumption (W)	99.6
Mains voltage (V)	220 - 240
Lamp power factor	>90
Electrical protection	Class 1
Driver Output (V)	41.4
Driver Output Current (mA)	2.29
Control Gear Type CC or CV	Constant Current
Dimmable	Yes
Driver Brand	SOSEN
Inrush Current (A)	180
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	10

Lifetime Data

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

Housing colour	Black RAL 9005
Body material	6063 Aluminium Alloy
Driver Housing	Alloy
IP Rating	65
IK Rating	8
Diffuser Material	Polycarbonate
Diffuser finish	Frosted
Nominal Product Length (mm)	575
Nominal Product Width (mm)	137
Nominal Product Height (mm)	115
Weight (kg)	3.2

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

