

Industrial

Foremark Plus High Bay 110W 5000K 90D Plug & Play (Zhaga)

IP65

IK08

truSmart
Enabled

A1G B

5 YR
Warranty

5000K

50,000
Hours

UK
CA

CE

Supplied with 1.5m prewired H05RN-F cable, Sosen LED Driver, 90° or 120° optic options, Plug & Play Options: , Grafham High Output Emergency Pack 660lm , Alwen Zhaga Microwave sensor , Alwen Zhaga PIR Sensor , Alwen Zhaga truSmart PIR sensor



General Data

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

430643-90

Technical Specification

Optical Data

LED Manufacturer / Type	BMTC SMD 2835
Fixture Luminous Flux (Lm)	22550
Luminaire Efficacy @5000K (lm/W)	205
LOR %	100
Colour Selectable	No
Beam Angle°	90
Photobiological Risk Group	RG1

Light Source Data

Energy Class	B
Lm/W	205
Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	70

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Technical Specification

Electrical Data

Wattage (W)	110
Mains voltage (V)	120 - 240
Lamp power factor	0.95
Electrical protection	Class I
Driver Output (V)	120-240Vdc
Driver Output Current (mA)	490
Control Gear Type CC or CV	Constant Current
Dimmable	Yes
Dimmable Type	0-10
Driver Brand	Sosen
Inrush Current (A)	80
Nominal Frequency (Hz)	50/60
Max. Luminaire per 10A C Breaker	4
Max. Luminaire per 13A C Breaker	7
Max. Luminaire per 16A C Breaker	9
Max. Luminaire per 20A C Breaker	14
Max. Luminaire per 10A B Breaker	18
Max. Luminaire per 13A B Breaker	5
Max. Luminaire per 16A B Breaker	7
Max. Luminaire per 20A B Breaker	10

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	58000
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Technical Specification

Physical Data

Housing colour	Black RAL 9017
Body material	Aluminium Alloy
Driver Housing	Aluminium
IP Rating	65
IK Rating	8
Diffuser Material	Polycarbonate
Diffuser finish	Polycarbonate
Nominal Product Length (mm)	250
Nominal Product Width (mm)	250
Nominal Product Height (mm)	185
Weight (kg)	1.97

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

Product Relations



401754
Alwen PIR High Bay Remote

430643-90

Technical Specification



430264

Grafham Plug & Play High Bay Emergency pack



430964

Conversion Kit, Grafham Linear H/Bay Emergency, E-SEL3 Plug & Play

