

Sports Lighting

Belmont Linear High Bay 120W 5000K 85° Optic Grey



Fresnel optics for improved glare controlTough, Impact resistant IK10 housing, Plug & Play Options:, Grafham High Output Emergency Pack, Alwen Zhaga Microwave sensor, Alwen Zhaga PIR Sensor, Alwen Zhaga truSmart PIR sensor



General Data

Technology	LED
Mounting options	Mounting Fixed
Install Options	Suspension Bracket
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 - +50
Warranty (Years)	5

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Technical Specification

Optical Data

LED Manufacturer / Type	Seoul
Fixture Luminous Flux (Lm)	18078
Luminaire Efficacy @5000K (lm/W)	152
LOR %	100
Colour Selectable	No
Beam Angle°	85
Photobiological Risk Group	RG1

Light Source Data

Energy Class	D
Lm/W	152.2
Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	80

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Electrical Data

Wattage (W)	120
Total Power Consumption (W)	118.8
Mains voltage (V)	100 - 240
Lamp power factor	0.97
Electrical protection	Class I
Driver Output (V)	72 - 143
Driver Output Current (mA)	0.35 - 1.5
Control Gear Type CC or CV	Constant Current
SVM	0.86
PstLM	0.41
LED Flicker Rate	26.4
Dimmable	Yes
Dimmable Type	0 - 10
Driver Brand	Sosen
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	6
Max. Luminaire per 10A C Breaker	8
Max. Luminaire per 13A C Breaker	10
Max. Luminaire per 16A C Breaker	14
Max. Luminaire per 20A C Breaker	18
Max. Luminaire per 10A B Breaker	6
Max. Luminaire per 13A B Breaker	9
Max. Luminaire per 16A B Breaker	11
Max. Luminaire per 20A B Breaker	15

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Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	82000
Lifespan L80 B20 @25°C (Hrs)	50000
Lifespan L90 B10 @25°C (Hrs)	40000

Physical Data

Housing colour	Grey
Body material	Diecast Aluminium
Driver Housing	Aluminium
IP Rating	65
IK Rating	10
Diffuser Material	Polycarbonate
Diffuser finish	Clear
Nominal Product Length (mm)	340
Nominal Product Width (mm)	325
Nominal Product Height (mm)	60
Weight (kg)	3.5

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

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Technical Specification

