

430081

Technical Specification

Sports Lighting

Arnfield Linear Court Light 120W 5000K

IP65

IK10

50,000
Hours

5 YR
Warranty

A

TG

C

UK

CA

CE

Designed to meet LTA Standards, Bespoke court lighting optics, Supplied with 1.5m prewired H05RN-F cable, IK10 rating, Option of lumens maintenance



General Data

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

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Optical Data

LED Manufacturer / Type	Nichia
Fixture Luminous Flux (Lm)	20136
Luminaire Efficacy @5000K (lm/W)	168
LOR %	100
Beam Angle°	70

Light Source Data

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

Electrical Data

Wattage (W)	120
Total Power Consumption (W)	119
Mains voltage (V)	220 - 240
Lamp power factor	0.92
Electrical protection	Class I
Driver Output (V)	22 - 61
Driver Output Current (mA)	3150
Control Gear Type CC or CV	Constant Current
Dimmable	No
Driver Brand	Inventronics
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	6

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Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	110000
Lifespan L80 B20 @25°C (Hrs)	70000
Lifespan L90 B10 @25°C (Hrs)	31000

Physical Data

Housing colour	Black RAL 9005
Body material	Aluminium Alloy
Driver Housing	Aluminium Alloy
IP Rating	65
IK Rating	10
Diffuser Material	Polycarbonate
Diffuser finish	Optical Lens
Nominal Product Length (mm)	1178
Nominal Product Width (mm)	137
Nominal Product Height (mm)	102
Weight (kg)	7

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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