

Sports Lighting

Arnfield Linear Court Light 120W 5000K



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

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|---------------------------------------|--|
| 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 |

Optical Data

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|---|--------|
| LED Manufacturer / Type | Nichia |
| Fixture Luminous Flux (Lm) | 24750 |
| Luminaire Efficacy @5000K (lm/W) | 165 |
| LOR % | 100 |
| Beam Angle° | 70 |

Light Source Data

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|-------------------------------|---------------|
| Energy Class | C |
| Colour Temperature (K) | 5000 |
| Light Colour | Natural Light |
| CRI Ra | 80 |

Electrical Data

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|------------------------------------|------------------|
| 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 |

Lifetime Data

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|-------------------------------------|-------|
| Lifespan L70 B50 @25°C (Hrs) | 65000 |
|-------------------------------------|-------|

Physical Data

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|------------------------------------|-----------------|
| 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 |

