

Sports Lighting

Harlock Court Lighting 450W 5000K



Optic lens up to 93% lighting transparency, Asymmetric Optics, 10kVA L/N-PE surge protectionHigh efficiency 143LPCW, IP66 and tough IK10 rated construction



General Data

Technology	LED
Mounting options	Pole Wall
Install Options	Mounted on Bracket
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

421225-504

Technical Specification

Optical Data

LED Manufacturer / Type	Smalite / SMD5050
Fixture Luminous Flux (Lm)	63249
Luminaire Efficacy @5000K (lm/W)	143
LOR %	100
Beam Angle°	90x150 or 110
Optics	Asymmetric Optic
Photobiological Risk Group	RG1

Light Source Data

Energy Class	D
Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	70

421225-504

Technical Specification

Electrical Data

Wattage (W)	450
Total Power Consumption (W)	442
Mains voltage (V)	110 - 240
Lamp power factor	0.92
Electrical protection	Class I
Driver Output (V)	36 - 56
Driver Output Current (mA)	2 x 4400
Control Gear Type CC or CV	Constant Current
Dimmable	No
Driver Brand	Sosen
Inrush Current (A)	150
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	20

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	50000
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Technical Specification

Physical Data

Housing colour	Black RAL 9017
Body material	Aluminium/ 3044SS / Mild Steel
Driver Housing	Aluminium Alloy
IP Rating	66
IK Rating	10
Diffuser Material	Polycarbonate
Diffuser finish	Optical Lens
Nominal Product Length (mm)	654
Nominal Product Width (mm)	628
Nominal Product Height (mm)	70
Weight (kg)	14.3

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

