

430510-60-415V

Technical Specification

Sports Lighting

Carsington Plus LED Sports Floodlight 600W 5000K Black 60 x 130D
Optic/Glass (415V Control Gear Included)



General Data

Technology	LED
Mounting options	Pole Wall
Install Options	Mounted on Bracket
Electrical Connector Type	Push fit din rail
Input Cable	1.5m H07RN-F 3-Core
Input Electrical Connection	Yes
General Application	Sports Lighting Industrial
Operating Temperature Range °C	-30 - +50
Warranty (Years)	5

Optical Data

Fixture Luminous Flux (Lm)	84300
Luminaire Efficacy @5000K (lm/W)	140
LOR %	100
Colour Selectable	No
Beam Angle°	60 x 130
Optics	Asymmetric Optic
Photobiological Risk Group	RG1

Light Source Data

Energy Class	B
Lm/W	140
Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	70

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Electrical Data

Wattage (W)	600
Mains voltage (V)	220 - 480
Lamp power factor	0.95
Electrical protection	Class I
Driver Output (V)	250 - 520
Driver Output Current (mA)	1200
Control Gear Type CC or CV	Constant Current
Dimmable	Yes
Dimmable Type	DALI2
Driver Brand	Moso
Inrush Current (A)	30
Nominal Frequency (Hz)	50/60

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	143000
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Physical Data

Housing colour	Black RAL 9005
Body material	Aluminium with AkzoNobel anti-corrosive powder coating
Driver Housing	Aluminium Alloy
IP Rating	66
IK Rating	9
Diffuser Material	Polycarbonate
Diffuser finish	Asymmetric Lens
Nominal Product Length (mm)	689
Nominal Product Width (mm)	469
Nominal Product Height (mm)	224
Weight (kg)	17.38

Standards and Approvals

Manufactured In Accordance To	EN 60598-1 60598-2-5
CE Mark	Yes
UKCA Mark	Yes
WEEE Symbol	Yes
Certificate Of Conformity	Available on Request
Accredited Members	LIA, ISO9001

