Sports Lighting

Carsington Plus Sports Light 960W 5000K 25 x 130D

IP66 | 5 YR Warranty | IK09 | 50,000 Hours | (person icon) | A↑G D | (earth icon) | UK CA

Massive light output of up to 218,000lm, Ultra-High system efficiency over 140lm/WHigh quality Lumileds LED chip and Inventronics driver, Over 50,000 hours lifespan to L70, Professionally designed true asymmetric flat opticsTough IP66 and IK09 constructionHigh quality AkzoNobel anti-corrosion powder coating

General Data

Technology	LED
Mounting options	Pole | Wall
Electrical Connector Type	Flying Lead
Install Options	Mounted on Bracket
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

LED Manufacturer / Type	Fujian Lightning Optoelectronic
Fixture Luminous Flux (Lm)	132590
Luminaire Efficacy @5000K (lm/W)	135
LOR %	100
Colour Selectable	No
Beam Angle°	25 x 130
Optics	Asymmetric Optic
Photobiological Risk Group	RG1

Light Source Data

Energy Class	D
Lm/W	135
SDCM	5
Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	70

Electrical Data

Wattage (W)	960
Total Power Consumption (W)	982
Mains voltage (V)	100 - 277
Lamp power factor	>96
Electrical protection	Class I
Driver Output (V)	108 - 268
Driver Output Current (mA)	2800
Control Gear Type CC or CV	Constant Current
Dimmable	No
Driver Brand	Inventronics
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	20

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	102000
Lifespan L80 B20 @25°C (Hrs)	77000
Lifespan L90 B10 @25°C (Hrs)	30000

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
EPA Wind Rating	0.066 @ 0° | 0.086 @ 10°
Diffuser Material	Polycarbonate
Diffuser finish	Optical Lens
Nominal Product Length (mm)	580
Nominal Product Width (mm)	656
Nominal Product Height (mm)	138
Weight (kg)	21.6

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