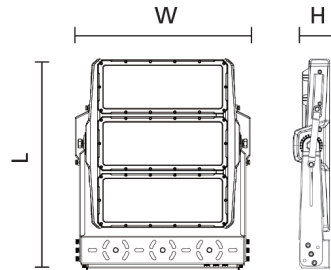


430513-25

Technical Specification

## Carsington Plus LED Sports Light 1650W 5000K 25 x 130D



### General data

<b>Technology</b>	LED
<b>Mounting options</b>	Pole   Wall
<b>Install Connector Type</b>	Flying Lead
<b>Input Cable</b>	1.5M H07RN-F 3-Core
<b>Input Electrical Connection</b>	Live   Neutral (DC)
<b>General Application</b>	Sports Lighting   Industrial
<b>Operating Temperature Range</b>	-30 - +50 °C
<b>Luminaire Accessories</b>	55 Degree Bracket Option   Back Spill   Front Spill
<b>Warranty</b>	5 Years

### Optical data

<b>LED Manufacturer / Type</b>	Lightning
<b>LED Type</b>	SMD 5050
<b>Fixture Luminous Flux +/-10%</b>	218000 lm
<b>Luminaire Efficacy @4000K</b>	132 lm/W
<b>Colour Temperature</b>	5000 K
<b>CRI</b>	70 Ra
<b>Colour Consistency</b>	5 SDCM
<b>Beam Angle</b>	25 x 130 °
<b>Optics</b>	Yes
<b>Photometry Available Tested @ 25°C</b>	Yes

## Electrical data

<b>Wattage +/-10%</b>	1650 W
<b>Total power consumption</b>	1650 W
<b>Mains voltage</b>	100-277   390-415 V
<b>Lamp power factor</b>	0.96   0.95
<b>Electrical protection</b>	Class I
<b>Driver Output</b>	268 V
<b>Driver Output Current</b>	5250 mA
<b>Control Gear Type CC or CV</b>	CC
<b>Dimmable</b>	NO
<b>Driver Brand</b>	Inventronics
<b>Nominal Frequency</b>	50/60 Hz

Surge Protection	20 kV
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## Lifetime data

Lifespan L70 B50 @25°C	102,000 Hrs
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Lifespan L80 B20 @25°C	77,000 Hrs
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Lifespan L90 B10 @25°C	30,000 Hrs
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## Physical Data

Housing Colour	Black RAL9005
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Body Material	Aluminium with AkzoNobel anti-corrosive powder coating
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Driver Housing	Aluminium with AkzoNobel anti-corrosive powder coating
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IP Rating	66 IP
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IK Rating	09 IK
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EPA Wind Rating	0.082 @ 0°   0.102 @ 10° m <sup>2</sup>
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Diffuser Material	Polycarbonate
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Diffuser Finish	polycarbonate
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Nominal Product Length	791 mm
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Nominal Product Width	673 mm
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Nominal Product Height	138 mm
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Weight	32 kg
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## Packaging

Single Packaging type	Carton
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Product EAN number	5055379563071
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**Units Per Outer Package** 1

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## Standards and Approvals

**Manufactured In Accordance To** EN60598-1-1

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**CE Mark** Yes

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**UKCA Mark** Yes

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**WEEE Symbol** Yes

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**Certificate of Conformity** Available on Request

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