

431210

Technical Specification

Sports Lighting

Averon Sports Floodlight 1650W 5000K Grey 10D Optic (220-415V Control Gear Included)

IP66

Ingress Protection



General Data

Technology	LED
Mounting options	Pole Wall
Install Options	Mounted on Bracket
Electrical Connector Type	Wago 264
Input Electrical Connection	Live Neutral Earth - P P E
General Application	Sports Lighting Industrial
Operating Temperature Range °C	-30 - +50
Warranty (Years)	5

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Optical Data

LED Manufacturer / Type	Samsung LH351
Fixture Luminous Flux (Lm)	234124
Luminaire Efficacy @5000K (lm/W)	141
LOR %	100
Colour Selectable	No
Beam Angle°	10
Optics	Asymmetric Optic
Photobiological Risk Group	RG1

Light Source Data

Colour Temperature (K)	5000
Light Colour	Daylight
CRI Ra	70

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Electrical Data

Wattage (W)	1650
Total Power Consumption (W)	1650.5
Mains voltage (V)	220-415
Lamp power factor	>90
Electrical protection	Class I
Driver Output (V)	260-500
Driver Output Current (mA)	1380
Control Gear Type CC or CV	Constant Current
Dimmable	Yes
Dimmable Type	DALI2
Driver Brand	MOSO
Inrush Current (A)	35
Nominal Frequency (Hz)	50/60
Surge Protection (kV)	10

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	102,000
Lifespan L80 B20 @25°C (Hrs)	102,000
Lifespan L90 B10 @25°C (Hrs)	64,000

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Physical Data

Housing colour	Grey RAL 9006
Body material	Aluminium
IP Rating	66
IK Rating	10
EPA Wind Rating	0.23 (m²)
Nominal Product Length (mm)	485
Nominal Product Width (mm)	618
Nominal Product Height (mm)	445
Cut-Out (mm)	Floodlight 18.5 Control Gear 6.4

Standards and Approvals

Manufactured In Accordance To	EN 60598-1 60598-2-5
Certificate Of Conformity	Available on Request
Accredited Members	LIA, ISO9001

