

430613

Technical Specification

Exterior

Windermere Street Light 70W 4000K



Type III optic controlled, NEMA socket with 15KA Sure Protected shorting cap, TE Photocell option with a 15KA Surge Protection, One piece, die-cast housing with UV resistant Polycarbonate optical lens, Integral cooling fin provides excellent thermal dissipation, Supplied with rotating, adjustable bracket, Additional, multi-bracket options available



General Data

Technology	LED
Mounting options	Wall Pole
Install Options	Ø60mm Max Spigot Wall Mounting Bracket
Electrical Connector Type	Flying Lead
Input Cable	1.5m H05RN-F 3-Core
Input Electrical Connection	Live Neutral Earth
General Application	Commercial Industrial
Operating Temperature Range °C	-30 - +50
Warranty (Years)	5

430613

Technical Specification

Optical Data

LED Manufacturer / Type	Samsung
Fixture Luminous Flux (Lm)	10220
Luminaire Efficacy @4000K (lm/W)	145
LOR %	100
Colour Selectable	No
Optics	Type 3

Light Source Data

Energy Class	D
Lumens	10220
Lm/W	157
Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	70

430613

Technical Specification

Electrical Data

Wattage (W)	70
Total power consumption (W)	70.6
Mains voltage (V)	100 – 270
Lamp power factor	0.7
Electrical protection	Class I
Driver Output (V)	37-50
Driver Output Current (mA)	1400
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)	6
Max. Luminaire per 10A C Breaker	8
Max. Luminaire per 13A C Breaker	10
Max. Luminaire per 16A C Breaker	14
Max. Luminaire per 20A C Breaker	18
Max. Luminaire per 10A B Breaker	6
Max. Luminaire per 13A B Breaker	9
Max. Luminaire per 16A B Breaker	11
Max. Luminaire per 20A B Breaker	15

430613

Technical Specification

Lifetime Data

Lifespan L70 B50 @25°C (Hrs)	50000
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Physical Data

Housing Colour	Grey RAL7012
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Body Material	Die-cast Aluminium
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Driver Housing	Aluminium
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IP Rating	66
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IK Rating	8
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Diffuser Material	Polycarbonate
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Diffuser Finish	Optic Lens
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Nominal Product Length (mm)	565.34
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Nominal Product Width (mm)	200
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Nominal Product Height (mm)	77
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Weight (kg)	2.6
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Standards and Approvals

Manufactured In Accordance To	EN 60598-1
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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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Accredited Members	LIA, ISO9001
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430613

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