

430612

Technical Specification

Exterior

Windermere Street Light 50W 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

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Optical Data

LED Manufacturer / Type	Samsung
Fixture Luminous Flux (Lm)	7401
Luminaire Efficacy @4000K (lm/W)	148
LOR %	100
Colour Selectable	No
Optics	Type 3

Light Source Data

Lm/W	148
Colour Temperature (K)	4000
Light Colour	Cool White
CRI Ra	70

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Electrical Data

Wattage (W)	50
Total Power Consumption (W)	50
Mains voltage (V)	100 – 270
Lamp power factor	0.7
Electrical protection	Class I
Driver Output (V)	37-50
Driver Output Current (mA)	1020
Control Gear Type CC or CV	Constant Current
Dimmable	No
Driver Brand	Sosen
Inrush Current (A)	50
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

Lifetime Data

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

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

Standards and Approvals

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

