

Product Data Sheet

GWR5274V





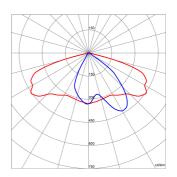
High-power LED streetlight with cover, frame, and pole attachment in EN AB 46100 die-cast aluminium with low copper content, with polyester powder coating. Suitable for installation both on top of the pole and offset, with 5° pitch adjustment. Opening and closing system with integrated front handle. Closure fabricated in tempered flat glass (thickness 4 mm). Cable input via PG13.5. Safety switch. Cable plate in PA6.6+FV. Printed Circuit Board (PCB) in metal core. Metallic PC optic system. Common mode surge protection up to 10 kV. Operational up to 50°C ambient temperature but with reduction of the supply current as indicated in the Instruction Manual.

Context Street and parking lighting LED Road Equipment External Unique digital code (Datamatrix) LED Road Equipment External Unique digital code (Datamatrix) Unified Glare Rating External Unique digital code (Datamatrix) G*4 - ULOR = 0 (Immovity) G*5 - Unified Glare Rating G*6 - Unified G	GENERAL INFORMATION	-	OPTIC AND ILLUMINATING FEATURES	-
Application External Unique digital code (Datamatrix) Lume not present (Im/W) Lefficacy (Im/W) 14800 Colour digital code (Datamatrix) Graphite grey (Im/W) Colour temperature 4000 K Colour of light source LED Colour temperature 4000 K System power 102 W @ 0,7A Standard Deviation Colour Matching SDCM = 5 LED Lifetime L90B10(Tq25°C)>115.000h; L90B10 (Tq50°C)=115.000h; L90B10 (Tq50°C)=115.000h Photobiological Risk Class RG0 Weight (kg) 8.4 Standard Standard EN 60598-2-3, EN 60598-1 IEC/TR 62778 Warranty 5 years Standard EN 60598-2-3, EN 60598-1 IEC/TR 62778 RG0 Stocking temperature - 5 Supply voltage 2-2-240 v Supply voltage 2-2-240 v 50 / 60 MATERIALS - 5 - 5 C Rated frequency (Hz) 50 / 60 60 MATERIALS Driver failure rate 10 - 100000 Tq25°C/50.000 Tq50°C	Context	Street and parking lighting	Optic	WIDE
Unique digital code (Datamatrix) Currently not present (Im/W) (Im/W) 143 Colour Graphite grey Colour temperature 4000 K Type of light source LED Colour Rendering Index CRI>70 System 102 W @ 0,7A Standard Deviation Colour Matching SDCM = 5 Power Standard Deviation Colour Matching SDCM = 5 LED Lifetime L90B10(Tq25°C)>115.000h; L90B10 (Tq50°C)=115.000h RG0 Weight (kg) 8.4 Standard Deviation Colour Matching RG0 Warranty 8.4 Standard Deviation Colour Matching RG0 Stocking temperature 5 years Standard Deviation Colour Matching RG0 Matching temperature -25+50°C Rated frequency (Hz) 10 10000h Tq25°C/50.000 Tq26°C/50.000 Tq26°C/5	Luminaire	LED Road Equipment	Unified Glare Rating	G*4 - ULOR = 0
Colour	Application	External	Lumen output (lm)	14600
Colour Graphite grey LED Colour Rendering Index 4000 K Colour Rendering Index 4700 K Classification 4700 K Control System	Unique digital code (Datamatrix)	Currently not present		143
Type of light source				
System power Standard Deviation Colour Matching power Standard Deviation Colour Matching power SDCM = 5 power LED Lifetime L90B10(Tq25°C)>115.000h; L90B10 (Tq50°C)=115.000h Photobiological Risk Class RG0 Weight (kg) 8.4 Standard EN 60598-2-3, EN 60598-1 IEC/TR 62778 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -25 +50°C Rated frequency (Hz) 50 / 60 MATERIALS -25 +50°C Rated frequency (Hz) 50 / 60 Body Die-cast aluminium - Shield type 4mm thick flat tempered glass Overvoltage protection DM 10KV / CM 10KV Optic Silver PVD aluminium reflector Control System DM 10KV / CM 10KV Gasket Anti-aging silicone INSTALLATION AND MAINTENANCE -Control System De Head - Outreach Locking Hook Integrated front handle Mounting and installation Pole Head - Outreach Not all installation Pole Head - Outreach Closur Powder coating Fixing Pole Head - Outreach				
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LED Lifetime L90B10(Tq25°C)>115.000h; L90B10 (Tq50°C)=115.000h Photobiological Risk Class RG0 Weight (kg) 8.4 Standard EN 60598-2-3, EN 60598-1 IEC/TR 62778 Warranty 5 years ELETRICAL AND LIGHTING FEATURES - Stocking temperature -5 years Supply voltage 220 - 240 V Operating temperature -25 +50° C Rated frequency (Hz) 50 / 60 MATERIALS Die-cast alluminium - Shield type Priver failure rate F10 = 100.000h Tq25°C/50.000h Tq50°C Body Die-cast alluminium - Politic Driver failure rate F10 = 100.000h Tq25°C/50.000h Tq50°C Shield type 4mm thick flat tempered glass Overvoltage protection DM 10KV / CM 10KV Optic Sliver PVD aluminium reflector Control System DALI - 5 STEP Gasket Anti-aging silicone INSTALLATION AND MAINTENANCE - External screw Stainless steel Mounting and installation P0 le Head - Outreach Colour Powder coating Wiring Isolating switch STANDARDS AND APPROVALS Fixing P0 le Head - Outreach Classification - Fixing P0 le Head - Outreach DIN 18032-3 certification Not available Driver Box By professional IPEA -		102 W @ 0,7A	Standard Deviation Colour Matching	SDCM = 5
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Mechanical resistance IK08 -		IP66		-
Glow Wire Test				-
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DIMENSIONAL

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PHOTOMETRIC DISTRIBUTION



















II.

IP IP66 IK IK08 GWT



STANDARDS/APPROVALS

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ROAD [5] Range