# Product Data Sheet GWR5613B 

ROAD [5] Range



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 $5^{\circ}$ 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 $50^{\circ} \mathrm{C}$ ambient temperature but with reduction of the supply current as indicated in the Instruction Manual.

| GENERAL INFORMATION | - | OPTIC AND ILLUMINATING FEATURES | - |
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| Context | Street and parking lighting | Optic | HUGE |
| Luminaire | LED Road Equipment | Unified Glare Rating | G*4-ULOR = 0 |
| Application | External | Lumen output (lm) | 13900 |
| Unique digital code (Datamatrix) | Currently not present | Efficacy $(\operatorname{lm} / \mathrm{W})$ | 125 |
| Colour | Graphite grey | Colour temperature | 4000 K |
| Type of light source | LED | Colour Rendering Index | CRI>70 |
| System power | 111 W @ 1A | Standard Deviation Colour Matching | SDCM $=5$ |
| LED Lifetime | L90B10 $\left(\mathrm{Tq} 25^{\circ} \mathrm{C}\right)>115.000 \mathrm{~h} ;$ L90B10 $\left(\mathrm{Tq} 40^{\circ} \mathrm{C}\right)=115.000 \mathrm{~h}$ | Photobiological Risk Class | RG0 |
| Weight (kg) | 8 | Standard | EN 60598-2-3, EN 60598-1 IEC/TR 62778 |
| Warranty | 5 years | ELETRICAL AND LIGHTING FEATURES | - |
| Stocking temperature | - | Supply voltage | 220-240 V |
| Operating temperature | $-25+40{ }^{\circ} \mathrm{C}$ | Rated frequency ( Hz ) | $50 / 60$ |
| MATERIALS | - | Driver failure rate | $\mathrm{F} 10=100.000 \mathrm{~h} \mathrm{Tq} 25^{\circ} \mathrm{C} / 75.000 \mathrm{~h} \mathrm{Tq} 40^{\circ} \mathrm{C}$ |
| Body | Die-cast aluminium - | Driver | Included |
| Shield type | 4 mm thick flat tempered glass | Overvoltage protection | DM 10KV / CM 10KV |
| Optic | Silver PVD aluminium reflector | Control System | Bi-power with self-learning |
| Gasket | Anti-aging silicone | INSTALLATION AND MAINTENANCE | - |
| Locking Hook | Integrated front handle | Mounting and installation | Pole Head - Outreach |
| External screw | Stainless steel | Tilt | $-20^{\circ} \div+10^{\circ}$ side bracket $-10^{\circ} \div+20^{\circ}$ pole head |
| Colour | Powder coating | Wiring | Isolating switch |
| STANDARDS AND APPROVALS | - | Fixing | Pole Head - Outreach |
| Classification | - | Light souce replaceability | By professional |
| Device with reduced surface temperature | - | Controlgear replaceability | By professional |
| DIN 18032-3 certification | Not available | Driver Box | Built-in |
| IPEA | - | Maximum surface exposed to the wind | $0.19 \mathrm{~m}^{2}$ |
| Insulation class | I |  | - |
| IP degree | IP66 |  | - |
| Mechanical resistance | IK08 |  | - |
| Glow Wire Test | - |  | - |

DIMENSIONAL


TECHNICAL SYMBOLOGY

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|  |  |  |  | $0.19 \mathrm{~m}^{2}$ | IP66 | IK08 | - |

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