## Product Data Sheet GWR5111B

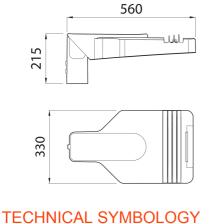
ROAD [5] Range



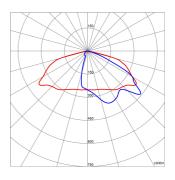
High-power LED streetlight with cover, frame, and pole attachment in EN AB 46100 die-cast aluminium with low copper content, with polyester powder coating. Suitable for installation both on top of the pole and offset, with 5° pitch adjustment. Opening and closing system with integrated front handle. 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.

| GENERAL INFORMATION                     | -  | OPTIC AND ILLUMINATING FEATURES     | -                                       |
|---|--|-------------------------------------|---|
| Context                                 | Street and parking lighting                          | Optic                               | HUGE                                    |
| Luminaire                               | LED Road Equipment                                   | Unified Glare Rating                | G*4 - ULOR = 0                          |
| Application                             | External   | Lumen output (Im)                   | 4700                                    |
| Unique digital code (Datamatrix)        | Currently not present                                | Efficacy                            | 127                                     |
|   |  | (Im/W)                              |   |
| Colour                                  | Graphite grey  | Colour temperature                  | 4000 K                                  |
| Type of light source                    | LED  | Colour Rendering Index              | CRI>70                                  |
| System                                  | 37 W @ 1A  | Standard Deviation Colour Matching  | SDCM = 5                                |
| power                                   |  |                                     |   |
| LED Lifetime                            | L90B10(Tq25°C)>115.000h; L90B10<br>(Tq40°C)=115.000h | Photobiological Risk Class          | RG0                                     |
| Weight (kg)                             | 6.4  | 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 °C   | Rated frequency (Hz)                | 50 / 60                                 |
| MATERIALS                               | -  | Driver failure rate                 | F10=100.000h Tq25°C/75.000h Tq40°C      |
| Body                                    | Die-cast aluminium -                                 | Driver                              | Included                                |
| Shield type                             | 4mm 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° ÷ +10° side bracket10° ÷ +20° 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               | -  | Driver Box                          | Built-in                                |
| IPEA                                    | -  | Maximum surface exposed to the wind | 0.15 m <sup>2</sup>                     |
| Insulation class                        | I  |                                     | -                                       |
| IP degree                               | IP66   |                                     | -                                       |
| Mechanical resistance                   | IK08   |                                     | -                                       |
| Glow Wire Test                          |  |                                     | -                                       |

## DIMENSIONAL









| IK   | GWT |
|------|-----|
| IK08 | -   |

Data, measures, designs and pictures are for information purpose only, last update 20/04/2023. They can be changed at any moment, therefore it is always ecommended to read the last updated version published on the website www.gewiss.com.Lumen output and system power are subject to a tolerance of +/- 10%. Unless stated otherwise, the values apply to an ambient temperature of 25°C. Terms of warranty at https://www.gewiss.com/lt/en/company/landingpage/led-warranty. - 1 of 2

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ROAD [5] Range



