



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+PV. 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

|                                  |                             |
|----------------------------------|-----------------------------|
| Context                          | Street and parking lighting |
| Luminaire                        | LED Road Equipment          |
| Application                      | External                    |
| Unique digital code (Datamatrix) | Currently not present       |

|                       |   |
|-----------------------|---|
| Colour                | Graphite grey                                     |
| Type of light source  | LED - Not replaceable                             |
| System power          | 77 W @ 1A   |
| LED Lifetime          | L90B10(Tq25°C)>115.000h; L90B10 (Tq40°C)=115.000h |
| Weight (kg)           | 6.6   |
| Warranty              | 5 years   |
| Stocking temperature  | -   |
| Operating temperature | -25 +40 °C  |

|                  |                                    |
|------------------|------------------------------------|
| <b>MATERIALS</b> | -                                  |
| Body             | Die-cast aluminium                 |
| Shield type      | 4mm thick flat tempered glass      |
| Optic            | Metallized polycarbonate reflector |
| Gasket           | Anti-aging silicone                |
| Locking Hook     | Integrated front handle            |
| External screw   | Stainless steel                    |

|   |                |
|---|----------------|
| Colour                                  | Powder coating |
| <b>STANDARDS AND APPROVALS</b>          | -              |
| Classification                          | -              |
| Device with reduced surface temperature | -              |
| DIN 18032-3 certification               | -              |
| IPEA                                    | -              |
| Insulation class                        | II             |
| IP degree                               | IP66           |
| Mechanical resistance                   | IK08           |
| Glow Wire Test                          | -              |

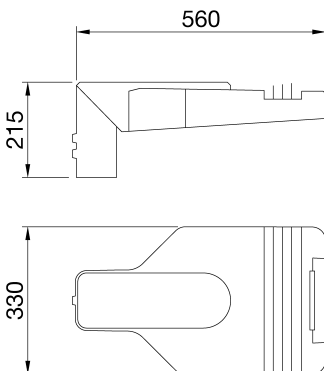
### OPTIC AND ILLUMINATING FEATURES

|                                    |                |
|------------------------------------|----------------|
| Optic                              | WIDE           |
| Unified Glare Rating               | G*3 - ULOR = 0 |
| Lumen output (lm)                  | 7400           |
| Efficacy (lm/W)                    | 96             |
| Colour temperature                 | 3000 K         |
| Colour Rendering Index             | CRI>70         |
| Standard Deviation Colour Matching | SDCM = 5       |
| Photobiological Risk Class         | RG0            |

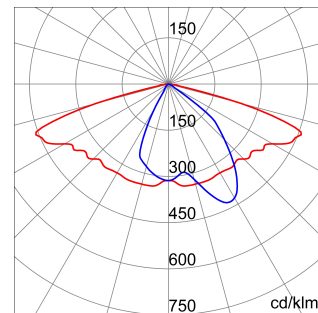
|   |                                       |
|---|---------------------------------------|
| Standard                                | EN 60598-2-3, EN 60598-1 IEC/TR 62778 |
| <b>ELECTRICAL AND LIGHTING FEATURES</b> | -                                     |
| Supply voltage                          | 220 - 240 V                           |
| Rated frequency (Hz)                    | 50 / 60                               |
| Driver failure rate                     | F10=100.000h Tq25°C/75.000h Tq40°C    |
| Driver                                  | Included                              |
| Overvoltage protection                  | DM 10KV / CM 10KV                     |
| Control System                          | DALI                                  |

|                                     |  |
|-------------------------------------|--|
| <b>INSTALLATION AND MAINTENANCE</b> | -  |
| Mounting and installation           | Pole Head - Outreach                             |
| Tilt                                | -20° ÷ +10° side bracket - -10° ÷ +20° pole head |
| Wiring                              | Isolating switch                                 |
| Fixing                              | Pole Head - Outreach                             |
| Light source replaceability         | Not available                                    |
| Controlgear replaceability          | Not available                                    |
| Driver Box                          | Built-in   |
| Maximum surface exposed to the wind | 0.15 m²  |

### DIMENSIONAL



### PHOTOMETRIC DISTRIBUTION



### TECHNICAL SYMBOLOGY



0.15 m²



IP  
IP66

IK  
IK08

GWT  
-