

ROAD [5] Range



High Power LED streetlight with cover, frame, and EN AB 46100 low copper painted aluminium cast-iron pole attachment. 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 (4mm thick). Cable input via PG13.5. Safety disconnecter. Cable plate in PA6.6+FV. Printed Circuit Board (PCB) in metal core. Metallic PC optical system. Common 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

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

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|----------------------|---|
| Colour | Graphite grey |
| Type of light source | LED |
| System power | 79 W @ 0.7A |
| LED Lifetime | L90B10(Tq25°C)>115.000h; L90B10(Tq50°C)=115.000h |

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|-----------------------|------------|
| Weight (kg) | 8 |
| Warranty | 5 years |
| Stocking temperature | - |
| Operating temperature | -25 +50 °C |

MATERIALS

| | |
|----------------|------------------------------------|
| 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 |

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| Colour | Powder coating |
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STANDARDS AND APPROVALS

| | |
|---|------|
| 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) | 9500 |
| Efficiency (lm/W) | 120 |

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| Colour temperature | 4000 K |
| Color Rendering Index | CRI>70 |
| Standard Deviation Colour Matching | SDCM = 5 |

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| Photobiological Risk Class | RG0 |
|----------------------------|-----|

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| Standard | EN 60598-2-3, EN 60598-1 IEC/TR 62778 |
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ELECTRICAL AND LIGHTING FEATURES

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| Supply voltage | 220 - 240 V |
| Rated frequency (Hz) | 50 / 60 |
| Driver failure rate | F10=100.000h Tq25°C/75.000h Tq50°C |

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|------------------------|-------------------|
| Driver | Included |
| Overvoltage protection | DM 10KV / CM 10KV |
| Control System | Stand alone |

INSTALLATION AND MAINTENANCE

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|--------------------------|--|
| Mouting and installation | Pole Head - Outreach |
| Tilt | -20° ÷ +10° side bracket - -10° ÷ +20° pole head |

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| Wiring | Isolating switch |
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|--------|----------------------|
| Fixing | Pole Head - Outreach |
|--------|----------------------|

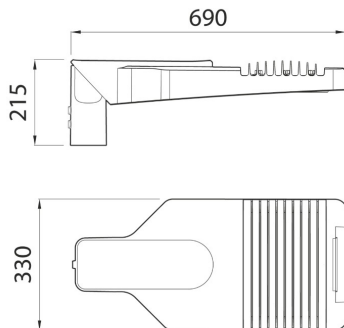
| | |
|-----------------------------|-------------------------------|
| Light source replaceability | Not available-By professional |
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|----------------------------|-------------------------------|
| Controlgear replaceability | Not available-By professional |
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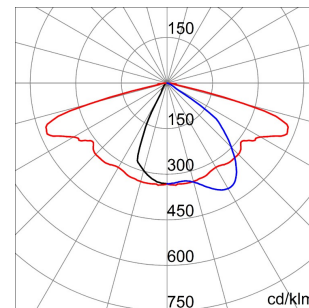
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|------------|----------|
| Driver Box | Built-in |
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|-------------------------------------|---------|
| Maximum surface exposed to the wind | 0.19 m² |
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DIMENSIONAL



PHOTOMETRIC DISTRIBUTION



TECHNICAL SYMBOLOGY



0.19 m²



IP

IP66

IK

IK08

GWT

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STANDARDS/APPROVALS

