

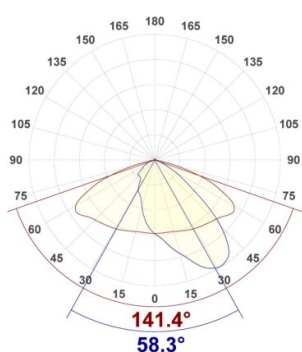
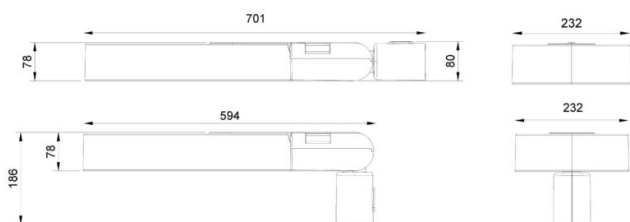
# GEO Street Light



## GSM,50,F402,830

|                                   |   |
|-----------------------------------|---|
| Product ID                        | GSM50F402830                                  |
| EPD available                     | Coming soon                                   |
| Certificates                      | ENEC, Zhaga-D4i                               |
| MinTa in °C                       | -40   |
| MaxTa in °C                       | 40  |
| IP rating                         | IP66  |
| IK rating                         | IK09  |
| Corrosion class                   | C4  |
| Electrical class                  | Class I, Class II                             |
| Leakage current (mA)              | < 0.325 mA                                    |
| Voltage range (V)                 | 198 - 264                                     |
| Frequency range (Hz)              | 50 - 60                                       |
| Total power consumption (W)       | 50  |
| Power factor                      | 0.95  |
| PstLM                             | <1  |
| SVM                               | <0.4  |
| THD                               | <8  |
| Surge protection (kV)             | Up to 10kV (L/N - PE)                         |
| Driver type                       | On/Off, DALI2, D4i                            |
| Dimming capability                | No dimming, DALI2, Active night               |
| Control options                   | Zhaga up, Zhaga down, Zhaga up/down, No Zhaga |
| Driver options                    | Tridonic, *Other on demand                    |
| Number of drivers                 | 1   |
| Luminous flux from luminaire (lm) | 7350  |
| Efficacy (lm/W)                   | 147   |
| Color temperature (K)             | 3000  |
| CRI (Color Rendering Index)       | 80  |
| McAdam steps                      | 3   |
| Optic type                        | Asymmetric 141°x58°                           |
| Optic code                        | F402  |
| Energy class of light source      | D   |

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|   |  |
|---|--|
| LED lifetime L90B10 Ta25 (h)              | 100000   |
| LED lifetime L80B10 Ta25 (h)              | 110000   |
| LED lifetime L95B10 Ta25 (h)              | 50000  |
| Luminous flux decline (LLMF) 50.000h Ta25 | L95  |
| Warranty period                           | 5 years  |
| Serviceability                            | LED module and driver are replaceable by installer, Toolless opening |
| Main housing material                     | Aluminium  |
| Housing color code / name                 | Grey   |
| Finish / Coating type                     | Powder coating   |
| Diffuser design                           | Transparent  |
| Product Mounting                          | Pole   |
| Diameter (mm)                             | 60   |
| Cable type                                | CYKY   |
| Length (mm)                               | 594  |
| Width (mm)                                | 232  |
| Height (mm)                               | 186  |
| Net weight (kg)                           | 7.8  |
| Full product weight (kg)                  | 9  |
| Recommended installation height in m      | 6-7m   |

