# GEO Street Light

## GSL,80,F411,827

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|---|---|
| Product ID | GSL80F411827 |
| EPD available | Yes |
| Certificates | ENEC, 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) | < 0.450 mA |
| Voltage range (V) | 198 - 264 |
| Frequency range (Hz) | 50 - 60 |
| Total power consumption (W) | 80 |
| 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) | 10660 |
| Efficacy (lm/W) | 133 |
| Color temperature (K) | 2700 |
| CRI (Color Rendering Index) | 80 |
| McAdam steps | 3 |
| Optic type | Asymmetric 146°x80° |
| Optic code | F411 |
| Energy class of light source | E |

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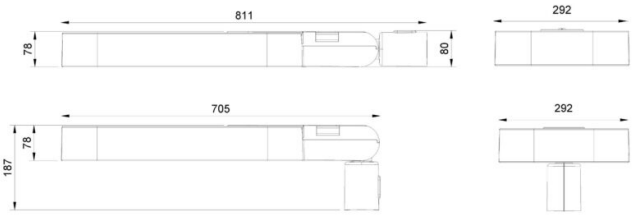


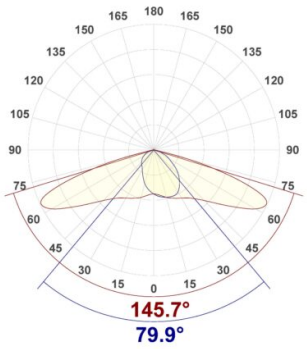


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|---|---|
| LED lifetime L90B10 Ta25 (h) | 100000 |
| LED lifetime L80B10 Ta25 (h) | 110000 |
| LED lifetime L95B10 Ta25 (h) | 50000 |
| Luminous flux decline (LLMF) 50.000h Ta25 | L95 |
| Warranty period | 5 years |
| Serviceability | LED module and driver are replaceable by installer, Toolless opening |
| Main housing material | Aluminium |
| Housing color code / name | Grey (RAL 9006) |
| Finish / Coating type | Powder coating |
| Diffuser design | Transparent |
| Product Mounting | Pole |
| Diameter (mm) | 60 |
| Cable type | CYKY |
| Length (mm) | 705 |
| Width (mm) | 292 |
| Height (mm) | 187 |
| Net weight (kg) | 11.1 |
| Full product weight (kg) | 13.5 |
| Recommended installation height in m | 7-9m |