

GEN I LED STREET LIGHT

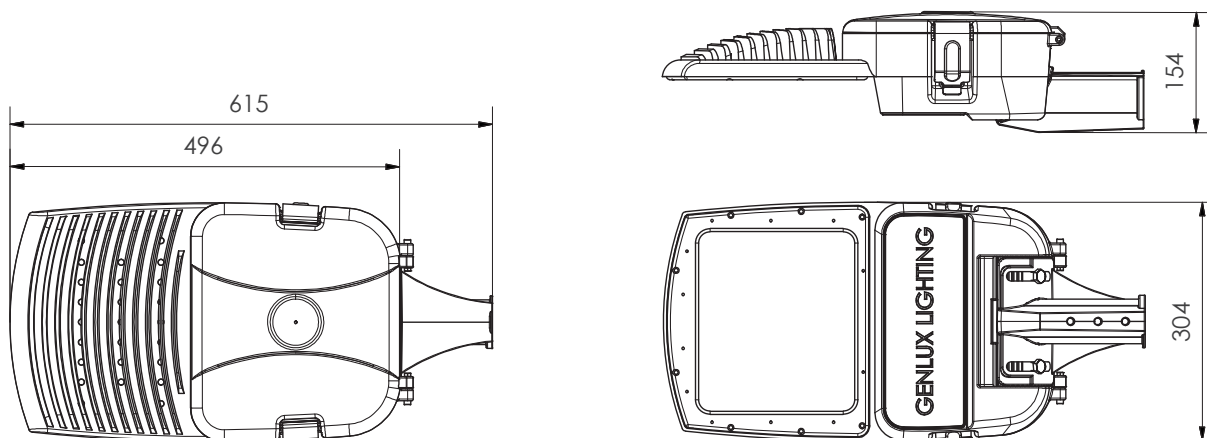


Product Variations

| Type | Driving Current | Typical Power | Luminous Flux | |
|------|-----------------|---------------|-----------------|-------------------|
| | (mA) | (W) | (lm) Nominal | (lm) Effective |
| SL1 | 350 | 25 | 4 140 | 3 312 |
| | 400 | 30 | 4 640 | 3 712 |
| | 520 | 40 | 5 840 | 4 672 |
| SL2 | 350 | 51 | 8 280 | 6 624 |
| | 425 | 64 | 10 256 | 8 205 |
| | 450 | 69 | 10 807 | 8 646 |
| | 530 | 80 | 11 680 | 9 504 |
| | 620 | 90 | 13 800 | 11 040 |
| SL3 | 700 | 111 | 15 250 | 12 224 |
| | 520 | 120 | 17 520 | 14 016 |
| SL4 | 600 | 138 | 21 012 | 16 809 |
| | 500 | 150 | 23 518 | 18 815 |
| | 505 | 155 | 22 760 | 18 208 |
| | 550 | 166 | 25 638 | 20 510 |
| | 600 | 183 | 27 719 | 22 175 |
| | 650 | 201 | 29 761 | 23 809 |

Dimensions

Luminaire Dimensions



Product Information

| Design | | |
|------------------------------------|--|------------------------------|
| Manufacturing | Locally designed and manufactured | |
| Luminaire and control gear housing | High-pressure die-cast LM6 aluminum finished with polyester epoxy powder coating. | |
| Clips and fasteners | 304 Grade stainless steel | 316 Grade stainless steel * |
| Diffuser | 4mm clear tempered glass | High impact PC * |
| Optics | Optical grade acrylic (PMMA) Zhaga "Book 15" compliant lenses | |
| Colour | Dark grey standard | Unpainted or other colours * |
| Mounting options | Rear / Side spigot entry tapering from 45mm to 42mm Ø Spigot mounting depth 125mm | |

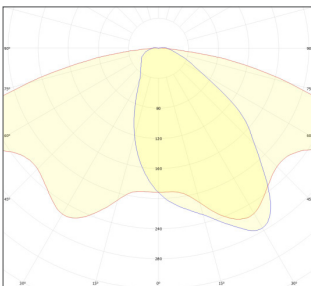
| Technical Data | | |
|--------------------------------|----------------------------------|--|
| Luminaire Compliance standards | SANS / IEC 60598-2-3 SANS 475 | |
| Surge protection | 6+10kV / 10+10kA | |
| Power supply | 220V to 240V AC 50/60 Hz | |
| Power factor | 0.98 | |
| Insulation protection | Class 1 | |
| Weight | 10 kg | |
| Lifetime | Luminaire | Up to 20 year on luminaire body Up to 7 year on internal components |

*Available on request

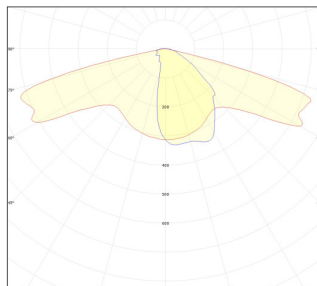
| Lighting Data | | | |
|---------------------------|----------------------|--------|---------|
| Design life | up to 100 000 hours | | |
| Typical lumen maintenance | L90 @ >100 000 hours | | |
| CRI | 70 | 80 * | |
| Light Output Ratio (LOR) | up to 85% | | |
| Colour Temperature | 3000K * | 4000K | 5000K * |
| Operating temperature | -30°C to 45°C | | |
| Dimmable | 1-10V * | DALI * | D4i * |

Optics

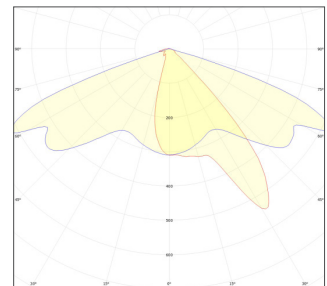
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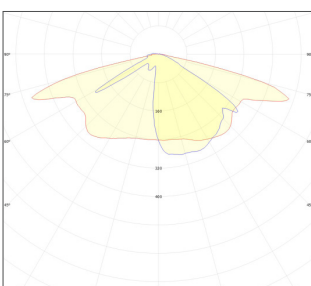
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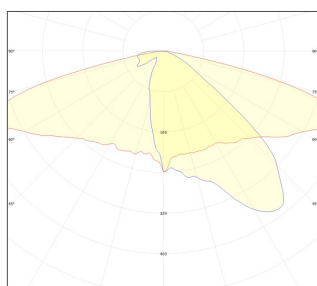
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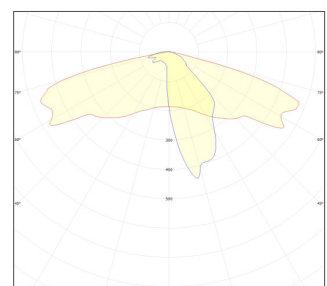
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Disclaimer

Due to the rapid development in LED technology the performance values, power consumption and lumen output levels stated above are subject to change without prior notice. For any requirements not covered in the above variations please contact us for a customized solution.

IMPORTANT NOTES

- (1) Measurement precision for flux +/- 5%, for efficacy +/- 6%, for CRI +/- 1.5
- (2) Lumen maintenance L90 = 90% of initial flux @ 1a 35°C / 100 000hrs

Technical changes and printing errors reserved • Errors and Omissions Excepted

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