

Sevengine

Highest power 20° LED light source 360 - 940 nm and white



The Light Avenue Sevengine series is a new concept TIR based LED with 20° viewing angle and highest efficiency. It offers extraordinary optical output compared to the small dimensions.



Applications

- ✓ General lighting, design illumination, stadium lighting, specialty lighting, position lighting
- ✓ Disinfection systems, sterilization
- ✓ CCTV, Night Vision

Features

- ✓ Leading edge of light engine technology
- ✓ 20° radiation angle at low module height
- ✓ High optical efficiency up to 90-95%
- ✓ Dimension 26 x 32 x 10 mm³ (L x B x H)
- ✓ Dual channel controlling, tunable from cold to warm white
- ✓ Middle LED individually addressable
- ✓ Very homogeneous and high efficient emission
- ✓ High light density due to direct chip bonding with integrated TIR silicone lens
- ✓ Thermal management controlling due to integrated NTC with connector
- ✓ Modules can be connected in series up to 300V
- ✓ Highest mechanical demands and stress possible
- ✓ Different housing options like waterproof, array layout, housing colours
- ✓ Module can be equipped with secondary lenses and drivers

| TYPE | Φ_v (lm) | CCT(K) | Φ_e (mW) | λ_p (nm) | I_f (A) | V_f (V) |
|-------------|---------------|--------|---------------|------------------|-----------|-----------|
| LA AT020CWG | 2000 | 6000 | | | 1 | 25 |
| LA AT020NWG | 1600 | 4000 | | | 1 | 25 |
| LA AT020WWG | 1200 | 2700 | | | 1 | 25 |
| LA AT020UYG | | | 7000 | 367 | 1 | 28 |
| LA AT020HRE | | | 3000 | 660 | 1 | 18 |
| LA AT020CIS | | | 3000 | 730 | 1 | 17 |
| LA AT020NIS | | | 4000 | 850 | 1 | 14 |
| LA AT020MIS | | | 4000 | 940 | 1 | 14 |

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