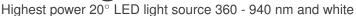
## Sevengine





The Light Avenue Sevengine series is a new concept TIR based LED with  $20^{\circ}$  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
- $\checkmark$  20° radiation angle at low module height
- ✓ High optical efficiency up to 90-95%
- $\checkmark$  Dimension 26 x 32 x 10 mm<sup>3</sup> (L x B x H )
- ✓ Dual channel controlling, tunable from cold to warm white
- ✓ Middle LED individually addressable
- $\checkmark$  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
- $\checkmark$  Different housing options like waterproof, array layout, housing colours
- ✓ Module can be equipped with secondary lenses and drivers

Түре	$\Phi_v(\text{Im})$	CCT(K)	$\Phi_e(mW)$	$\lambda_{\rm p}({\rm nm})$	$I_{f}(A)$	$V_f(V)$
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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