



TG SERIES

TG100-DC STREET AND ROAD LIGHT

12500 lm - 100 W - 2700-6500K

Soli Lighting offers an affordable LED road lighting solution to the customer for both pedestrian and vehicle road applications. It offers 4 housing sizes and a range of beam optics to fully cater to different road configurations and conditions. It is designed to achieve better light uniformity and maximum spacing between poles, while ensuring sufficient light on the road. Its mould aluminum housing and LED platform ensures long lifetime and reliability. Soli Lighting TG Series offers up to 60% of energy savings when compared to conventional lamp systems.

Product Data

General Information	
Light source color	2700-6500K
CE Mark	CE Mark
Constant light output	Yes
Operating and Electrical	
Input Voltage	DC 12-24V
Input Frequency	50 Hz
Power Factor (Nom)	0.95 (nominal power)
Warranty	2 years standard, 5 years with extension

Controls and Dimming	
Dimmable	No

Mechanical and Housing	
Housing Material	Aluminum
Optic material	Polycarbonate
Length	310mm
Width	440mm
Height	90 mm
Fixation material	Aluminum

TG100-DC

Approval and Application

Ingress protection code	IP66 [Dust protected, jet-proof]
Mech. impact protection code	IK08 [vandal-protected]

Initial Performance (IEC Compliant)

Initial luminous flux (system flux)	12500lm
Initial LED luminaire efficacy	125lm/W
Initial input power	100W
Median useful life L70B50	50000h
CRI (RA>)	>85

Application Conditions

Ambient temperature range	-30 to +65 °C
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Product Information

Full product code	TG100-DC
Order product name	SOLI TG-DC STREET/ROAD LIGHT 100W
Numerator - Quantity Per Pack	1
Material Nr. (12NC)	
Net Weight (Piece)	7kg



Some References

