



RANTFONT
smartsolar solutions

About RANTFONT

RANTFONT is leader in smart solar lighting. Founded in 2020, and located in Limpopo, South Africa, RANTFONT provides smart solar street light solutions, LED smart street lighting, IoT applications, smart energy, energy management and other integrated professional solutions for the South African market.

With the local intelligent lighting solution showroom, engineering technology service centre, Southern African after-sales service centre, warehouse, etc. Moreover, we provide localized professional engineering and technical service, along with RANTFONT technical teamwork, RANTFONT is committed to providing the most comprehensive, efficient and professional solutions and services to the South African market.

With years of rich experience and resources, combined with a localised integrated service platform, RANTFONT will become a rapidly growing engineering application service company. The company is expanding throughout South Africa to thoroughly popularize and apply RANTFONT brand clean energy products. Our work is contributing to better, clean energy and low carbon cities!

Solar Street Lighting

Designed for local roads, this sustainable solution is ideal for increasing safety on poorly lit roads and intersections.

Safety for motorists and pedestrians is paramount on low lit residential and rural streets. If we can light up these areas, it helps draw people's attention to roundabouts, intersections, and a-joining pathways.

SMART street lights are the perfect solution for these applications as there is no underground cabling required which would pose a significant risk to existing underground power and communication infrastructure.





RANTFONT guarantees performance

- **Extended battery guarantee for LGA partners**
- **Fast installation times as no power cabling required**
- **Complimentary on-site compliance lighting audit**
- **Complimentary tailored Isolux plot lighting design**

How does solar street lighting work?

Not only is solar street lighting off-grid, but it also conserves its own power by dimming down to 30% when no-one is around. This provides enough background light to ensure security and enough low light on accessways to maintain a sense of community, rather than isolating homes in the darkness.

When any significant movement is detected – whether that be by a vehicle or a pedestrian entering the street – the unit switches to 100 percent output, giving enough light to identify hazards on the accessway and plenty of light to deter unwanted activity.

When zero activity is detected, the unit dims quickly. This ensures the accessway is not lit all night with an unnecessary level of light, conserving solar power and ensuring residents are not impacted by any unnecessary light during the night.

The Benefits of Solar Street Lighting

01 Intuitive solution for power conservation

Solar street lighting is an off-grid solution that conserves its own power by dimming down to 30% when no-one is around.

02 Cost-effective with a quick turnaround

Solar street lighting is an effective smart street light solution, with a quick installation turnaround and reduced labour and material costs.

03 Increased community safety and satisfaction

With smart street lighting, residential areas experience greater safety and reliability. Not only is there increased safety, residents and councils are also saved the cost of hefty power bills and the intensive labour of running cables to light fittings.



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