



STREET & ROADWAY



Location: Punta de Mata, Estado Monagas, Venezuela

Client: PDVSA–Dirección Corporativa de Logística

Lighting Agent: INER Consultores, C.A.

Project Scope: Solar LED street lighting for company owned housing complex

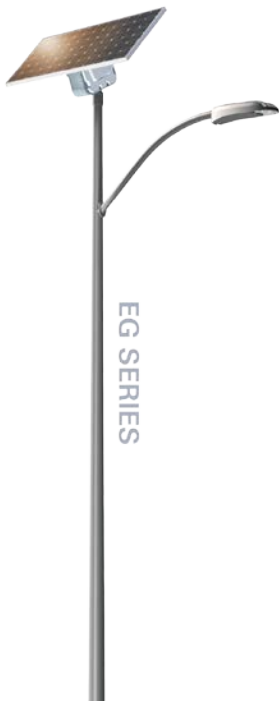
Products Used: Carmanah EverGEN™ 1710 solar LED street lights

- 33 systems
- IES Type II distribution—2820 lumens
- Mounting height: 20 ft (6.1 m)

Operating Profile: Split Night, 5hr, 25%, 2hr: The light comes on at dusk at full intensity for five hours, then dims to 25% of full intensity, the light returns to full intensity two hours before dawn.

Benefits: Cost savings on trenching and installation. Compliance with mandate for street lighting powered by renewable energy.

“They were serious about their requirements. What they needed was an off-grid street lighting solution that would meet their mandates and perform to their expectations. We felt confident in recommending the EverGEN 1710 solar LED light to them, knowing that not only will the lights allow PDVSA to meet their situational challenges, they will also provide them with the performance and reliability they need long into the future.” – Iliana Fernandez, President, Iner Consultores





STREET & ROADWAY

Requirements: When PDVSA started planning construction on a new staff housing complex, they knew street lighting would be a challenge. The local electrical grid was unreliable and difficult to access. PDVSA was also seeking to fulfill a corporate mandate to move towards eco-friendly infrastructure. The street lighting would ensure the safety and security of the housing complex's residents, so it needed to meet specific performance and reliability expectations. PDVSA sought the help of local green energy experts Iner Consultores.

Our Solution: Looking at all the options, Carmanah's EverGEN™ 1710 solar LED light stood out, fitting both the off-grid requirements and eco-friendly goal of the project. It also met the performance and quality requirements, and would maintain the safety and security of PDVSA's employees for years to come.

Impressed with the light and Carmanah's years of solar LED lighting experience, PDVSA decided on the EverGEN for their project. The first housing complex in Venezuela to feature a solar street lighting installation, it now serves as a model of eco-friendly practices in action, and an example of the reliability of high-quality solar LED lighting systems.

