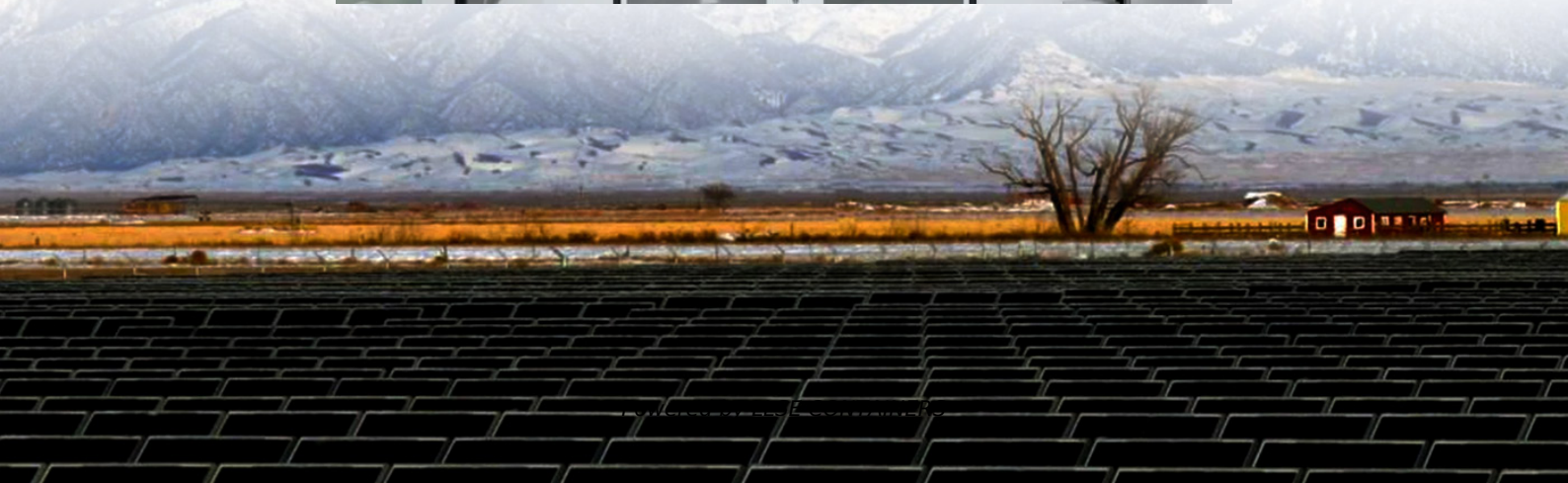


60kWh Paramaribo Photovoltaic Container Lighting for Urban Lighting





Overview

Which light source is used in PV?

Commercial development of PV formerly used fluorescence compact lamps as a light source . Currently, the predominant light source is the technology based on light-emitting diodes (LED) [9, 10].

Is urban led solar lighting feasible in Hara?

An own research, commissioned by the Haría City Council, presented in April 2018 (expedient number 2017000690), was developed with the aim of carrying out an analysis of the technical-economic feasibility of urban LED solar lighting installations in this municipality.

Are urban photovoltaic public lighting installations economically and socially viable?

The authors of the presented research conclude that urban photovoltaic public lighting installations are technically, economically, and socially viable by virtue of the results obtained.

What is the public lighting project in Hara?

In the municipality of Haría (Las Palmas, Spain; latitude: 29°8'47" North), in 2018, the public tender "Renovation of the public lighting of the town of Tabayesco" was published (hereinafter reference project, see Figure 3). The project covers the underground channeling of the energy supply as well as the installation of new LED luminaires.



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