

## ELIPSE TOWER

SANTO DOMINGO, DOMINICAN REPUBLIC

FAÇADE

AMORPHOUS SILICON TECHNOLOGY

## PHOTOVOLTAIC FAÇADE

### NEW CONSTRUCTION

Onyx Solar's glass has been integrated into the facade of the Elipse Tower in Santo Domingo, Dominican Republic.

The façade was constructed using black **amorphous silicon see-through photovoltaic glass**.

The PV glass incorporated air spacer to enhance **thermal insulation** following customer's demands and was **customized to allow the entrance of natural light and block the harmful radiation to maximize owner's comfort**.



#### TECHNICAL DATA

Nominal Power (Wp/m <sup>2</sup> )	34 Wp/m <sup>2</sup>
Visible Light Transmittance (VLT)	16%
Solar Factor (g-value)	32%
U value (W/m <sup>2</sup> K)	2.70
U value (Btu/h ft <sup>2</sup> °F)	0,48
Light Reflection (external)	8%

