



Matt Ross  
Eco-\$mart, Inc  
4454 S. Beneva Rd,  
Sarasota, FL 34233

March 4, 2025

RE: Wind loading for Agamine solar lights in Orlando Florida

To Whom It May Concern:,

After reviewing the Aramine drawing titled Basement Mast TAQA, the Agamine drawing # SE33-005-80-01, the Agamine Street Light Operating manual, and emails from Matt Ross, I have come to the following determination.

My analysis shows that the poles used in the above drawing # SE33-005-80-01 will be adequate for the 140 MPH wind speed, but the foundation needs to be increased to a 3 Ft. Dia. By 4 Ft. Deep foundation.

This letter certifies that the installation of the Agamine solar lights when installed as stated above, will meet the 2023 FBC and ASCE 7-22 for 140 MPH wind loads, Risk Category II, Exposure B or C.

Sincerely,  
Nelson Hellmuth, P.E.  
Florida Lic.# 31488

**Solar Designs**  
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