

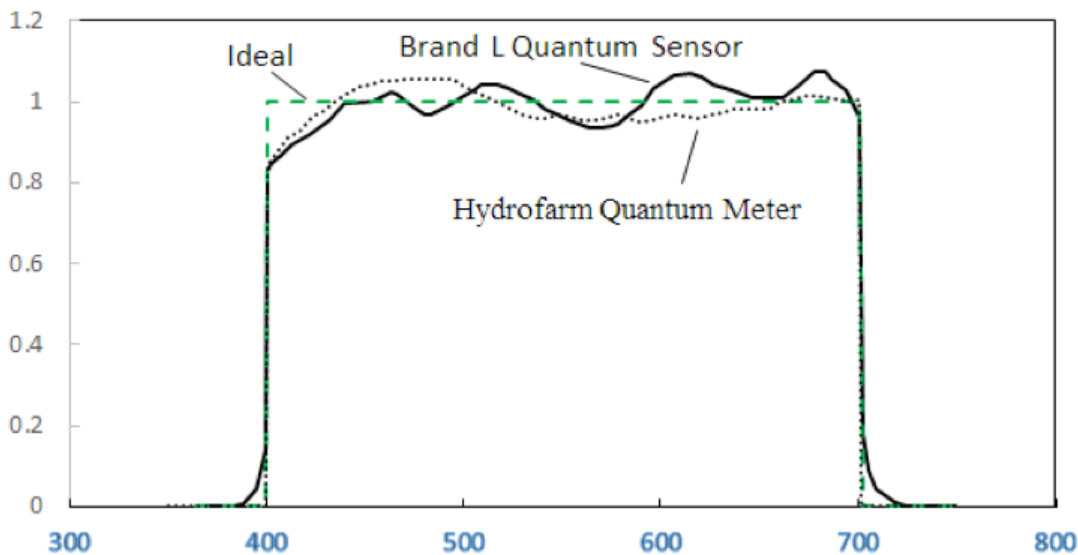
ITEM CODE: LGBQM

**APPLICATIONS** Measures PAR energy

**DESCRIPTION** We have done extensive testing and verification of the performance of the LGBQM during development, along with competing products on the market. We settled on a well-known brand as our baseline, as we found it to be the most reliably accurate meter on the market, albeit at a price point into the thousands of dollars. We knew that we had developed a technology that could meet or exceed the accuracy of the spectral response of this meter at a much lower price, which is why we chose that product as the benchmark. Here are the tested graphical results of the spectral response curves of our meter versus that benchmark:



Spectral Response Curves



As you can see, our LGBQM is comparably accurate, and overall slightly more accurate than the much more expensive alternative. Feel free to compare this information to the publically available Apogee meters information. We are at around 17% spectral error at 400-425 nm, and <10% over the remainder of the PAR range.

Please also note that this product was designed in conjunction with and is manufactured by a partner of ours, is not available anywhere else, and is an entirely proprietary product. It is not produced in China, but in Southern California. There are certainly some Chinese-sourced components inside, but it is not a China-sourced product.