

The Philips logo is displayed in a white rounded rectangle in the top left corner. It consists of the word "PHILIPS" in a bold, blue, sans-serif font.

OEM Design-In
Services



OEM Solution

Your path to success starts here

Philips Design-In Services



Confidence through Philips **design-in** **services**

Now, more than ever, LED technology and connected lighting systems are reinventing the lighting landscape. At the same time, they are still evolving at a rapid pace. With ever-changing technology and increased design complexity compared to traditional lighting technologies, why not utilize the expertise of a proven partner with your LED luminaire designs?

Depend on the global leader in lighting technologies to help you create robust, cutting-edge LED lighting solutions to speed up your designs and reduce validation costs. We're here to help with our design-in services for OEMs, including vigorous thermal, mechanical, electrical and optical testing and validation – all at no charge when Philips components are used.

Our difference helps you succeed

With Philips as your trusted partner, you can take advantage of over 125 years of lighting expertise, the world's largest portfolio of lighting components and services, and our long-standing relationships with industry associations and approbation organizations. Together, we will help you deliver solutions that create value for your customers and help you stand out from the crowd.

World-class expertise

Our unparalleled history of functional, versatile lighting innovations and complete, high-quality line of luminaire components mean that you will enjoy peace of mind knowing that performance and reliability are integrated into your luminaire design. Additionally, rely on our dedicated technical lighting experts to take the guesswork out of the validation process and propose solutions or alternatives as necessary.

Leading edge of industry standards and leadership

Our long-standing lighting leadership helps to shape policies and standards with professional lighting associations and approbation organizations. You can leverage this deep understanding to bring your new innovations to market with speed and confidence.

A personal touch

From start to finish, you can rely on a single key contact at Philips to keep you informed and proactively address luminaire design needs so that your lighting solution meets your robust approbation criteria.

Financial incentives for those that qualify

For qualified customers that include Philips components in their luminaire design, our design-in funding assistance program may help to defray a portion of UL approbation costs.*

*Offer available for select qualified customers that purchase any lighting products directly from Philips. Assistance is in the form of a credit memo. Credit memo amount is based on percentage of previous year's sales, with a minimum purchase of \$67,000. Contact your local Philips sales representative for complete details and to see if you qualify.



Take the **next steps**

Whether you require one or more of the tests listed below, our design-in services and testing experts will support and strengthen your lighting vision at no charge when Philips components are used.



Thermal

By using the latest thermal measurement techniques or using an IR camera, David precisely measures critical temperatures around the driver and module and provides recommendations to remedy any hot spots that can cause the luminaire to prematurely fail.



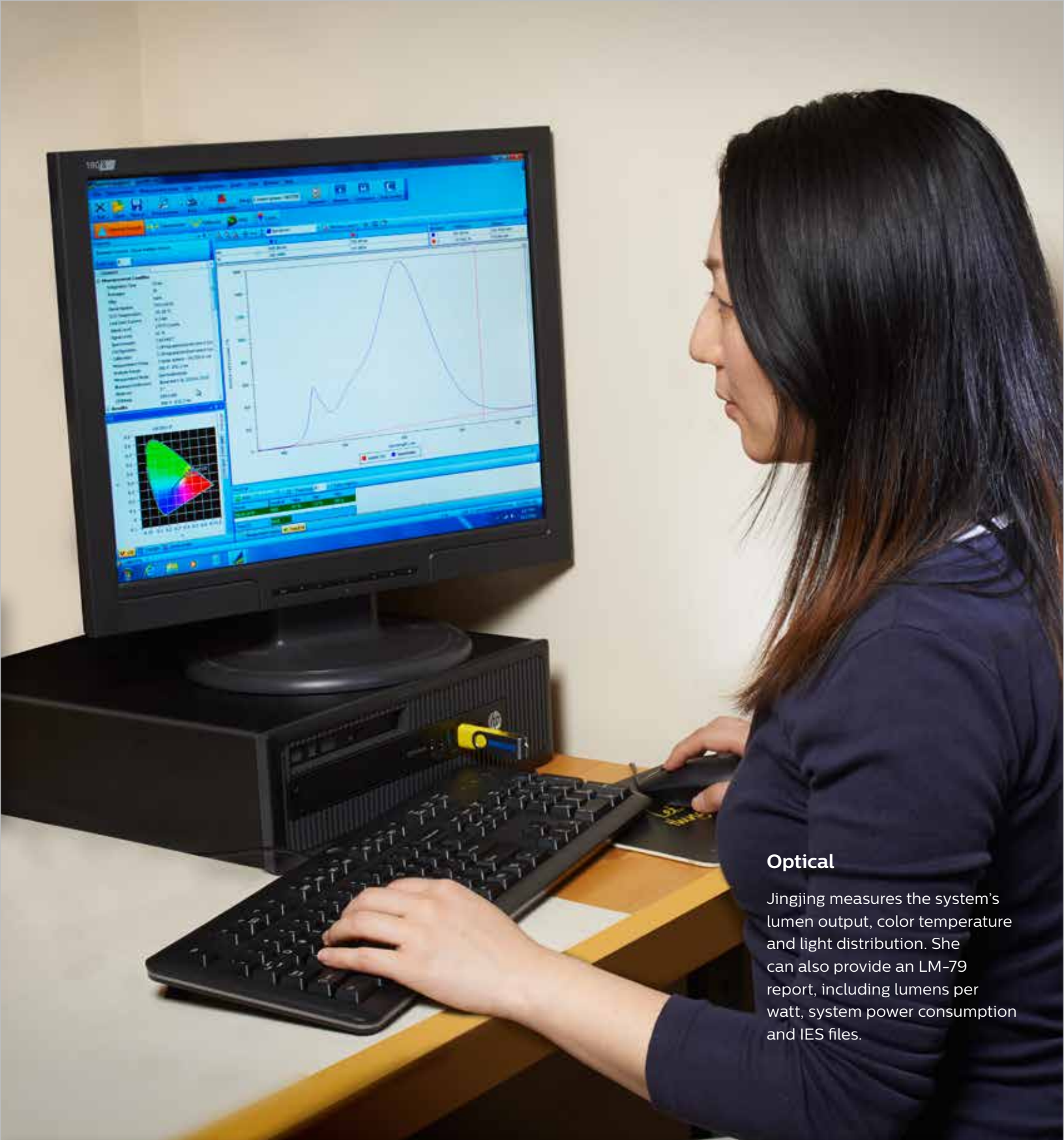
Mechanical

Stan examines the luminaire assembly to make sure that nothing can be dislodged or loosened during mounting or operation and also ensures proper heat sink ventilation. From this information, suggestions can be made to improve assembly, including alternative mounting methods and heat sinks.



Electrical

To confirm a good match between the module and driver and calculate the system's efficiency, Lucas measures electrical input and output parameters, including power factor and THD. He also checks that the system performs over the entire customer-defined dimming and load range if available, and if flickering or other abnormal operating events are found, Lucas can make recommendations on different settings or drivers.



Optical

Jingjing measures the system's lumen output, color temperature and light distribution. She can also provide an LM-79 report, including lumens per watt, system power consumption and IES files.

We are confident that Philips design-in services can simplify the testing and validation process to bring confidence, speed and efficiency to your design process. Contact your local Philips sales representative today to discuss your luminaire design-in testing needs.



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