



Rear side flasher

LED'S COPY THE SUN



The **rear side LED solar simulator** is the ideal addition to the SINUS-300 for bifacial cell measurements. Its nearly perfect simulation of the sun's spectrum enables highly accurate and flexible bifacial solar cell efficiency measurements at minimum operating costs due to the long lifetime of LEDs. **LED's** present the new benchmark!

OPTIONAL FEATURE
FOR THIS PRODUCT



SINUS-300

FEATURES



Multicolor LED-based light source
for a perfect copy of the sun



Exceeds class AAA criteria according
to IEC 60904-9 Ed. 2



Upgrading to bifacial cell testing by
simultaneous flashing with SINUS-300
at high throughput



Long exposure time can be set
for high-efficiency solar cell
measurement



Long-lifetime LEDs for
low-maintenance cycle

WAVELABS is a proud partner of:



UNSW
SYDNEY



Hanwha



Fraunhofer
ISE

CLASSIFICATION

	Rear side flasher		Class AAA requirements (IEC 60904-9 Ed. 2)
Spectral match	Class A+	0.875 - 1.125	0.75 - 1.25
Nonuniformity	Class A	< 2%	< 2%
Long-term instability (LTI)	Class A	< 2%	< 2%

Classification conditions: 100 ms irradiance time, 1 sun, AM1.5g, 240 x 240 mm²

PRODUCT FEATURES


Spectrum	AM1.5g
Intensity	0.2 to 1.3 suns
Irradiance time	As required: From 10 ms up to 250 ms
Flash-to-flash time interval	As required
Test area	240 x 240 mm ²

SCOPE OF DELIVERY

- Light engine
- Power supply
- All cables
- CE certificate
- User manuals

CONTACT

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