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Certificate of Calibration

No	17334160533
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New Unit
X Returned Unit

Result as found: FAIL
Result as left: PASS

Manufacturer Thorlabs GmbH
Model Number S120VC
Serial Number 13112706
Date of Calibration 30-Nov-2017

Calibration Standards

NO	MANUFACTURER	MODEL	SERIAL NO	CERTIFICATION	LAST CAL
1	Thorlabs	GM10HS	THO508	73327 16 PTB	31-Aug-2016
2	Hamamatsu	S2281	THO505	73326 16 PTB	3-Aug-2016
3	Thorlabs	S148C	1705916	NIST 685/290393-17	10-Aug-2017
4	Thorlabs	S180C	17052320	NIST 685/290394-17	6-Jul-2017

Thorlabs GmbH does hereby certify that the above mentioned equipment has been calibrated in accordance with our quality management system.

Our Quality Management System is certified according to DIN EN ISO 9001.

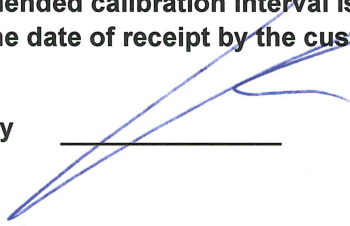
The measurement equipment used for calibration is traceable to national standards of the 'EUROMET' members (NPL, PTB, BNM etc.), the US 'NIST' or other national metrological institutions.

Measurements which cannot be traced to national standards can be traced to natural constants, other accepted standards or relational measurements.

Additional documentation concerning traceability of the measurement equipment is available and can be examined upon request.

The certificate of calibration may only be forwarded in complete form without any changes.

The recommended calibration interval is 12 months. The calibration period of this instrument / system begins on the date of receipt by the customer.

Calibrated by  _____ David Kosten
Thorlabs GmbH

Date Received _____

Calibrated Due _____

Test Report - as left

Model S120VC
Serial No 13112706
Scan CAL1

Temperature 24,2°C
Humidity 37%

Test Date 30-Nov-2017
Tester David Kosten
Result PASS

λ [nm]	η [A/W]	λ [nm]	η [A/W]	λ [nm]	η [A/W]	λ [nm]	η [A/W]	λ [nm]	η [A/W]	λ [nm]	η [A/W]
200	7,88E-03	385	2,01E-02	570	2,98E-02	755	3,56E-02	940	4,43E-02		
205	7,66E-03	390	2,07E-02	575	2,99E-02	760	3,58E-02	945	4,44E-02		
210	8,12E-03	395	2,13E-02	580	3,00E-02	765	3,61E-02	950	4,46E-02		
215	7,32E-03	400	2,19E-02	585	3,02E-02	770	3,63E-02	955	4,47E-02		
220	7,15E-03	405	2,24E-02	590	3,03E-02	775	3,65E-02	960	4,48E-02		
225	7,01E-03	410	2,28E-02	595	3,05E-02	780	3,67E-02	965	4,49E-02		
230	7,01E-03	415	2,32E-02	600	3,06E-02	785	3,70E-02	970	4,48E-02		
235	7,15E-03	420	2,36E-02	605	3,07E-02	790	3,72E-02	975	4,47E-02		
240	7,10E-03	425	2,39E-02	610	3,09E-02	795	3,74E-02	980	4,44E-02		
245	7,00E-03	430	2,42E-02	615	3,10E-02	800	3,76E-02	985	4,41E-02		
250	6,90E-03	435	2,45E-02	620	3,11E-02	805	3,79E-02	990	4,37E-02		
255	6,83E-03	440	2,48E-02	625	3,13E-02	810	3,81E-02	995	4,31E-02		
260	6,73E-03	445	2,51E-02	630	3,14E-02	815	3,83E-02	1000	4,24E-02		
265	6,67E-03	450	2,54E-02	635	3,16E-02	820	3,86E-02	1005	4,14E-02		
270	6,68E-03	455	2,56E-02	640	3,17E-02	825	3,88E-02	1010	4,03E-02		
275	6,93E-03	460	2,59E-02	645	3,18E-02	830	3,90E-02	1015	3,90E-02		
280	7,51E-03	465	2,61E-02	650	3,20E-02	835	3,93E-02	1020	3,75E-02		
285	8,28E-03	470	2,63E-02	655	3,21E-02	840	3,95E-02	1025	3,58E-02		
290	9,28E-03	475	2,65E-02	660	3,22E-02	845	3,98E-02	1030	3,39E-02		
295	1,05E-02	480	2,67E-02	665	3,24E-02	850	4,00E-02	1035	3,17E-02		
300	1,16E-02	485	2,69E-02	670	3,25E-02	855	4,03E-02	1040	2,95E-02		
305	1,25E-02	490	2,71E-02	675	3,27E-02	860	4,05E-02	1045	2,72E-02		
310	1,33E-02	495	2,73E-02	680	3,28E-02	865	4,08E-02	1050	2,48E-02		
315	1,40E-02	500	2,75E-02	685	3,30E-02	870	4,10E-02	1055	2,24E-02		
320	1,47E-02	505	2,76E-02	690	3,31E-02	875	4,12E-02	1060	2,01E-02		
325	1,53E-02	510	2,78E-02	695	3,33E-02	880	4,15E-02	1065	1,80E-02		
330	1,59E-02	515	2,80E-02	700	3,34E-02	885	4,17E-02	1070	1,63E-02		
335	1,64E-02	520	2,82E-02	705	3,36E-02	890	4,20E-02	1075	1,48E-02		
340	1,68E-02	525	2,83E-02	710	3,38E-02	895	4,22E-02	1080	1,35E-02		
345	1,72E-02	530	2,85E-02	715	3,40E-02	900	4,25E-02	1085	1,23E-02		
350	1,75E-02	535	2,87E-02	720	3,42E-02	905	4,27E-02	1090	1,11E-02		
355	1,76E-02	540	2,88E-02	725	3,44E-02	910	4,30E-02	1095	1,00E-02		
360	1,76E-02	545	2,90E-02	730	3,46E-02	915	4,32E-02	1100	8,97E-03		
365	1,77E-02	550	2,92E-02	735	3,48E-02	920	4,34E-02				
370	1,79E-02	555	2,93E-02	740	3,50E-02	925	4,36E-02				
375	1,85E-02	560	2,95E-02	745	3,52E-02	930	4,39E-02				
380	1,93E-02	565	2,96E-02	750	3,54E-02	935	4,41E-02				

