

Certificate of Calibration

No 133231541

X New Unit
Returned Unit

Manufacturer Thorlabs GmbH
Model Number S120C
Serial Number 13111922
Date of Calibration 19-Nov-2013

Calibration Standards

NO	MANUFACTURER	MODEL	SERIAL NO	CERTIFICATION	LAST CAL
1	Thorlabs	GM10HS	TH0508	73342 PTB	16-Aug-2013
2	Hamamatsu	S2281	TH0505	NIST 685/283993	23-Aug-2013

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



Andreas Schimanski

Thorlabs GmbH

Date Received _____

Calibrated Due _____

Test Report

Model S120C
 Serial No 13111922
 Scan CAL1

Temperature 23,0°C
 Humidity 46%

Test Date 19-Nov-2013
 Tester Andreas Schimansk

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]
400	2,74E-02	585	3,92E-02	770	4,72E-02	955	5,77E-02				
405	2,80E-02	590	3,94E-02	775	4,74E-02	960	5,79E-02				
410	2,87E-02	595	3,96E-02	780	4,77E-02	965	5,77E-02				
415	2,92E-02	600	3,98E-02	785	4,80E-02	970	5,76E-02				
420	2,97E-02	605	3,99E-02	790	4,83E-02	975	5,74E-02				
425	3,02E-02	610	4,01E-02	795	4,86E-02	980	5,72E-02				
430	3,07E-02	615	4,03E-02	800	4,89E-02	985	5,67E-02				
435	3,11E-02	620	4,05E-02	805	4,92E-02	990	5,62E-02				
440	3,16E-02	625	4,07E-02	810	4,95E-02	995	5,53E-02				
445	3,19E-02	630	4,09E-02	815	4,98E-02	1000	5,44E-02				
450	3,23E-02	635	4,11E-02	820	5,01E-02	1005	5,31E-02				
455	3,26E-02	640	4,12E-02	825	5,04E-02	1010	5,18E-02				
460	3,30E-02	645	4,14E-02	830	5,07E-02	1015	4,98E-02				
465	3,33E-02	650	4,16E-02	835	5,10E-02	1020	4,79E-02				
470	3,36E-02	655	4,18E-02	840	5,13E-02	1025	4,55E-02				
475	3,39E-02	660	4,20E-02	845	5,16E-02	1030	4,31E-02				
480	3,42E-02	665	4,21E-02	850	5,20E-02	1035	4,02E-02				
485	3,45E-02	670	4,23E-02	855	5,23E-02	1040	3,73E-02				
490	3,48E-02	675	4,25E-02	860	5,26E-02	1045	3,42E-02				
495	3,50E-02	680	4,27E-02	865	5,29E-02	1050	3,11E-02				
500	3,53E-02	685	4,29E-02	870	5,32E-02	1055	2,80E-02				
505	3,56E-02	690	4,31E-02	875	5,35E-02	1060	2,48E-02				
510	3,58E-02	695	4,33E-02	880	5,38E-02	1065	2,24E-02				
515	3,61E-02	700	4,36E-02	885	5,41E-02	1070	2,00E-02				
520	3,63E-02	705	4,38E-02	890	5,44E-02	1075	1,81E-02				
525	3,66E-02	710	4,40E-02	895	5,46E-02	1080	1,63E-02				
530	3,68E-02	715	4,42E-02	900	5,49E-02	1085	1,48E-02				
535	3,70E-02	720	4,45E-02	905	5,51E-02	1090	1,33E-02				
540	3,73E-02	725	4,47E-02	910	5,54E-02	1095	1,19E-02				
545	3,75E-02	730	4,50E-02	915	5,57E-02	1100	1,06E-02				
550	3,77E-02	735	4,52E-02	920	5,59E-02						
555	3,80E-02	740	4,55E-02	925	5,63E-02						
560	3,82E-02	745	4,58E-02	930	5,66E-02						
565	3,84E-02	750	4,60E-02	935	5,69E-02						
570	3,86E-02	755	4,63E-02	940	5,72E-02						
575	3,88E-02	760	4,66E-02	945	5,74E-02						
580	3,90E-02	765	4,69E-02	950	5,76E-02						

