Thorlabs GmbH
Hans-Boeckler-Str. 6
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http://www.thorlabs.com

Certificate of Calibration

No 19283075349

New Unit
X Returned Unit

Result as found: FAIL
Result as left: PASS

Manufacturer	Thorlabs GmbH
Model Number	PM100D
Serial Number	P0000219
Date of Calibration	10-Oct-2019

Calibration Standards

NO	MANUFACTURER	MODEL	SERIAL NO	LAST CAL
1	Keithley Instruments Inc.	Model 2611B	4118325	21.09.2018
2	HEWLETT-PACKARD	34401A	MY45034937	29.02.2019

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 _____ Marlon Becker
Thorlabs GmbH

Date Received _____

Calibrated Due _____

Test Report - as left

Model	PM100D	**Temperature**	23°C +/-5°C	**Test Date**	10-Oct-2019
Serial No	P0000219	**Humidity**	35% +/-15%	**Tester**	Marlon Becker
Firmware	V2.6.0	**Scan**	CAL_PM100D	**Test Result**	PASS

CURRENT INPUT

AMP RANGE	INPUT CURRENT	DISPLAY (AMP)	UNCERT.	TOL.	ANALOG OUT (VOLT)	UNCERT.	TOL.	RESULT
5 mA	5,0011E-03	5,0011E-03	0,05%	0,20%	2,0106E+00	0,51%	3,00%	PASS
500 µA	5,0004E-04	5,0005E-04	0,05%	0,20%	1,9997E+00	0,02%	3,00%	PASS
50 µA	5,0013E-05	5,0016E-05	0,06%	0,20%	1,9922E+00	0,41%	3,00%	PASS
5 µA	5,0005E-06	5,0004E-06	0,05%	0,20%	1,9982E+00	0,10%	3,00%	PASS
500 nA	5,0013E-07	5,0013E-07	0,05%	0,20%	1,9943E+00	0,31%	3,00%	PASS
50 nA	5,0003E-08	4,9998E-08	0,06%	0,50%	1,9728E+00	1,36%	5,00%	PASS

VOLTAGE INPUT

Pyroelectric Sensor

VOLT RANGE	INPUT VOLTAGE	MEASURED (VOLTS)	UNCERT.	TOL.	ANALOG OUT (VOLT)	UNCERT.	TOL.	RESULT
100 V	3,9999E+01	4,0002E+01	0,06%	0,50%	7,9603E-01	0,49%	3,00%	PASS
10 V	1,0000E+01	1,0002E+01	0,07%	0,50%	1,9848E+00	0,76%	3,00%	PASS
1 V	1,0000E+00	1,0001E+00	0,06%	0,50%	1,9970E+00	0,15%	3,00%	PASS
100 mV	1,0001E-01	1,0007E-01	0,12%	0,50%	1,9926E+00	0,38%	3,00%	PASS

Thermal Sensor

VOLT RANGE	INPUT VOLTAGE	DISPLAY (VOLT)	UNCERT.	TOL.	ANALOG OUT (VOLT)	UNCERT.	TOL.	RESULT
1 V	9,9996E-01	9,9988E-01	0,06%	0,50%	1,9889E+00	0,56%	3,00%	PASS
100 mV	9,9972E-02	9,9983E-02	0,06%	0,50%	1,9889E+00	0,55%	3,00%	PASS
10 mV	1,0000E-02	9,9999E-03	0,05%	0,50%	1,9841E+00	0,80%	3,00%	PASS
1 mV	9,9993E-04	9,9995E-04	0,05%	0,50%	1,9879E+00	0,61%	5,00%	PASS

Test Report - as found

Model	PM100D	**Temperature**	23°C +/-5°C	**Test Date**	10-Oct-2019
Serial No	P0000219	**Humidity**	35% +/-15%	**Tester**	Marlon Becker
Firmware	V2.6.0	**Scan**	CAL_PM100D	**Test Result**	FAIL
				Last Calibration	26-Mar-2009

CURRENT INPUT

AMP RANGE	INPUT CURRENT	DISPLAY (AMP)	UNCERT.	TOL.	ANALOG OUT (VOLT)	UNCERT.	TOL.	RESULT
5 mA	5,0011E-03	4,9995E-03	0,08%	0,20%	2,0105E+00	0,50%	3,00%	PASS
500 µA	5,0004E-04	5,0040E-04	0,12%	0,20%	1,9997E+00	0,02%	3,00%	PASS
50 µA	5,0012E-05	4,9999E-05	0,08%	0,20%	1,9922E+00	0,41%	3,00%	PASS
5 µA	5,0004E-06	5,0114E-06	0,27%	0,20%	1,9982E+00	0,10%	3,00%	FAIL
500 nA	5,0012E-07	5,0012E-07	0,05%	0,20%	1,9944E+00	0,31%	3,00%	PASS
50 nA	5,0003E-08	4,9967E-08	0,12%	0,50%	1,9729E+00	1,36%	5,00%	PASS

VOLTAGE INPUT

Pyroelectric Sensor

VOLT RANGE	INPUT VOLTAGE	MEASURED (VOLTS)	UNCERT.	TOL.	ANALOG OUT (VOLT)	UNCERT.	TOL.	RESULT
100 V	4,0003E+01	3,9891E+01	0,33%	0,50%	7,9602E-01	0,50%	3,00%	PASS
10 V	1,0001E+01	9,9734E+00	0,32%	0,50%	1,9847E+00	0,77%	3,00%	PASS
1 V	1,0000E+00	1,0001E+00	0,06%	0,50%	1,9970E+00	0,15%	3,00%	PASS
100 mV	1,0001E-01	9,9947E-02	0,11%	0,50%	1,9922E+00	0,40%	3,00%	PASS

Thermal Sensor

VOLT RANGE	INPUT VOLTAGE	DISPLAY (VOLT)	UNCERT AINTY	TOL.	ANALOG OUT (VOLT)	UNCERT.	TOL.	RESULT
1 V	9,9995E-01	9,9584E-01	0,46%	0,50%	1,9889E+00	0,55%	3,00%	PASS
100 mV	9,9975E-02	9,9423E-02	0,60%	0,50%	1,9888E+00	0,56%	3,00%	FAIL
10 mV	9,9999E-03	9,8894E-03	1,15%	0,50%	1,9840E+00	0,80%	3,00%	FAIL
1 mV	9,9990E-04	9,6504E-04	3,54%	0,50%	1,9882E+00	0,59%	5,00%	FAIL

Inspection Report

Model	PM100D	**Temperature**	23°C +/-5°C	**Test Date**	10-Oct-2019
Serial No	P0000219	**Humidity**	35% +/-15%	**Tester**	Marlon Becker
Software	V2.6.0	**Scan**	CAL_PM100D	**Test Result**	FAIL
				Last Calibration	26-Mar-2009

Incoming Conditions:

Ingoing unit visual in perfect condition:	YES
In need of repair:	NO
Damaged during transportation:	NO

Work Performed:

Firmware update:	YES
Repair:	NO
Modification:	NO
Calibration and verification:	YES

Notes:

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Germany
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Fax.: +49 8131 5956 99

http://www.thorlabs.com

Certificate of Calibration

No 19287100346

New Unit
X Returned Unit

Result as found: FAIL
Result as left: PASS

Manufacturer	Thorlabs GmbH
Model Number	S122C
Serial Number	9032503
Date of Calibration	14-Oct-2019

Calibration Standards

NO	MANUFACTURER	MODEL	SERIAL NO	CERTIFICATION	LAST CAL
1	Thorlabs	GM10HS	THO508	73324 19 PTB	3-Apr-2019
2	Hamamatsu	S2281	THO505	73330 19 PTB	16-May-2019
3	Thorlabs	S148C	15050530	NIST 685/0-79-19/1	31-May-2019
4	Thorlabs	S180C	190605400	NIST 685/0-79-19/2	17-Jun-2019

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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 _____ Reiner Menning
Thorlabs GmbH

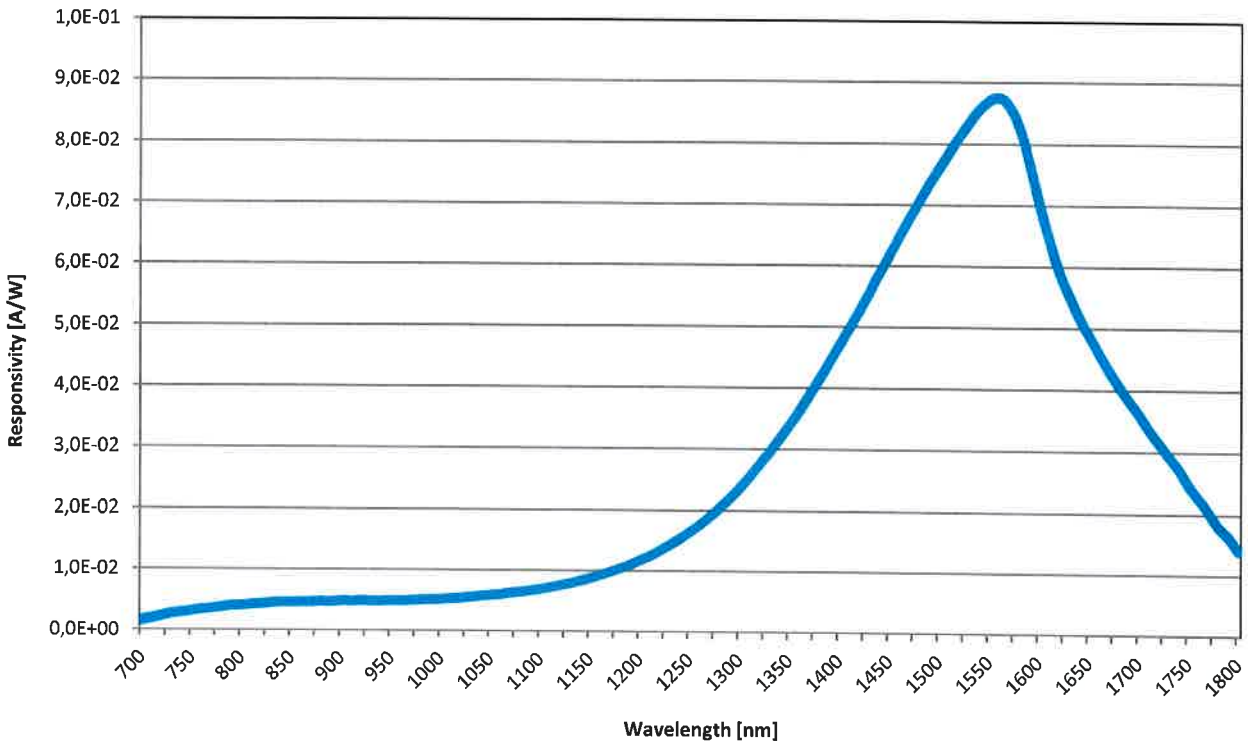
Date Received _____

Calibrated Due _____

Test Report - as left

Model	S122C	**Temperature**	25,6°C	**Test Date**	14-Oct-2019
Serial No	9032503	**Humidity**	44%	**Tester**	Reiner Menning
Scan	CAL2			**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]
700	1,57E-03	885	4,67E-03	1070	6,27E-03	1255	1,70E-02	1440	5,89E-02	1625	5,70E-02
705	1,76E-03	890	4,66E-03	1075	6,34E-03	1260	1,76E-02	1445	6,04E-02	1630	5,52E-02
710	1,94E-03	895	4,75E-03	1080	6,41E-03	1265	1,83E-02	1450	6,19E-02	1635	5,34E-02
715	2,12E-03	900	4,84E-03	1085	6,53E-03	1270	1,90E-02	1455	6,34E-02	1640	5,17E-02
720	2,31E-03	905	4,82E-03	1090	6,68E-03	1275	1,97E-02	1460	6,49E-02	1645	5,02E-02
725	2,51E-03	910	4,78E-03	1095	6,80E-03	1280	2,04E-02	1465	6,64E-02	1650	4,88E-02
730	2,68E-03	915	4,81E-03	1100	6,91E-03	1285	2,12E-02	1470	6,79E-02	1655	4,73E-02
735	2,79E-03	920	4,86E-03	1105	7,04E-03	1290	2,20E-02	1475	6,93E-02	1660	4,58E-02
740	2,87E-03	925	4,87E-03	1110	7,19E-03	1295	2,28E-02	1480	7,07E-02	1665	4,44E-02
745	2,96E-03	930	4,85E-03	1115	7,37E-03	1300	2,37E-02	1485	7,22E-02	1670	4,31E-02
750	3,08E-03	935	4,84E-03	1120	7,55E-03	1305	2,46E-02	1490	7,36E-02	1675	4,18E-02
755	3,23E-03	940	4,85E-03	1125	7,71E-03	1310	2,55E-02	1495	7,49E-02	1680	4,06E-02
760	3,37E-03	945	4,88E-03	1130	7,89E-03	1315	2,65E-02	1500	7,62E-02	1685	3,94E-02
765	3,43E-03	950	4,90E-03	1135	8,10E-03	1320	2,75E-02	1505	7,75E-02	1690	3,83E-02
770	3,49E-03	955	4,90E-03	1140	8,32E-03	1325	2,84E-02	1510	7,88E-02	1695	3,72E-02
775	3,61E-03	960	4,89E-03	1145	8,52E-03	1330	2,94E-02	1515	8,00E-02	1700	3,60E-02
780	3,75E-03	965	4,91E-03	1150	8,72E-03	1335	3,06E-02	1520	8,13E-02	1705	3,48E-02
785	3,89E-03	970	4,95E-03	1155	8,97E-03	1340	3,17E-02	1525	8,25E-02	1710	3,35E-02
790	3,98E-03	975	5,00E-03	1160	9,25E-03	1345	3,29E-02	1530	8,37E-02	1715	3,24E-02
795	4,01E-03	980	5,04E-03	1165	9,52E-03	1350	3,40E-02	1535	8,48E-02	1720	3,14E-02
800	4,04E-03	985	5,08E-03	1170	9,79E-03	1355	3,51E-02	1540	8,57E-02	1725	3,04E-02
805	4,11E-03	990	5,11E-03	1175	1,01E-02	1360	3,63E-02	1545	8,65E-02	1730	2,93E-02
810	4,19E-03	995	5,12E-03	1180	1,03E-02	1365	3,77E-02	1550	8,71E-02	1735	2,83E-02
815	4,26E-03	1000	5,14E-03	1185	1,06E-02	1370	3,90E-02	1555	8,75E-02	1740	2,73E-02
820	4,31E-03	1005	5,20E-03	1190	1,10E-02	1375	4,03E-02	1560	8,75E-02	1745	2,60E-02
825	4,37E-03	1010	5,27E-03	1195	1,13E-02	1380	4,15E-02	1565	8,71E-02	1750	2,47E-02
830	4,44E-03	1015	5,31E-03	1200	1,17E-02	1385	4,29E-02	1570	8,61E-02	1755	2,36E-02
835	4,50E-03	1020	5,37E-03	1205	1,21E-02	1390	4,44E-02	1575	8,46E-02	1760	2,26E-02
840	4,55E-03	1025	5,44E-03	1210	1,25E-02	1395	4,58E-02	1580	8,26E-02	1765	2,16E-02
845	4,55E-03	1030	5,54E-03	1215	1,29E-02	1400	4,71E-02	1585	8,00E-02	1770	2,04E-02
850	4,56E-03	1035	5,63E-03	1220	1,33E-02	1405	4,85E-02	1590	7,69E-02	1775	1,91E-02
855	4,59E-03	1040	5,73E-03	1225	1,38E-02	1410	4,99E-02	1595	7,35E-02	1780	1,80E-02
860	4,63E-03	1045	5,83E-03	1230	1,43E-02	1415	5,13E-02	1600	7,01E-02	1785	1,71E-02
865	4,63E-03	1050	5,90E-03	1235	1,48E-02	1420	5,28E-02	1605	6,71E-02	1790	1,63E-02
870	4,64E-03	1055	5,92E-03	1240	1,53E-02	1425	5,42E-02	1610	6,43E-02	1795	1,53E-02
875	4,68E-03	1060	5,98E-03	1245	1,59E-02	1430	5,58E-02	1615	6,15E-02	1800	1,41E-02
880	4,70E-03	1065	6,12E-03	1250	1,64E-02	1435	5,73E-02	1620	5,90E-02		



Test Report - as found

Model	S122C	**Temperature**	25,6°C	**Test Date**	14-Oct-2019
Serial No	9032503	**Humidity**	44%	**Tester**	Reiner Menning
Scan	CAL2	**Calibrated**	25.03.2009	**Result**	FAIL

λ [nm]	η [A/W]	Delta to last Cal	Tol. +/-	Result
700	1,57E-03	-7,7%	6,0%	FAIL
705	1,76E-03	-7,6%	6,0%	FAIL
710	1,94E-03	-7,8%	6,0%	FAIL
715	2,12E-03	-7,6%	6,0%	FAIL
720	2,31E-03	-7,1%	6,0%	FAIL
725	2,51E-03	-5,1%	6,0%	PASS
730	2,68E-03	-4,2%	6,0%	PASS
735	2,79E-03	-5,1%	6,0%	PASS
740	2,87E-03	-7,0%	6,0%	FAIL
745	2,96E-03	-8,2%	6,0%	FAIL
750	3,08E-03	-8,3%	6,0%	FAIL
755	3,23E-03	-7,1%	6,0%	FAIL
760	3,37E-03	-6,5%	6,0%	FAIL
765	3,43E-03	-7,6%	6,0%	FAIL
770	3,49E-03	-8,8%	6,0%	FAIL
775	3,61E-03	-8,3%	6,0%	FAIL
780	3,75E-03	-7,0%	6,0%	FAIL
785	3,89E-03	-5,7%	6,0%	PASS
790	3,98E-03	-5,5%	6,0%	PASS
795	4,01E-03	-6,5%	6,0%	FAIL
800	4,04E-03	-7,6%	6,0%	FAIL
805	4,11E-03	-7,6%	6,0%	FAIL
810	4,19E-03	-7,2%	6,0%	FAIL
815	4,26E-03	-7,1%	6,0%	FAIL
820	4,31E-03	-7,1%	6,0%	FAIL
825	4,37E-03	-6,9%	6,0%	FAIL
830	4,44E-03	-6,4%	6,0%	FAIL
835	4,50E-03	-5,8%	6,0%	PASS
840	4,55E-03	-5,6%	6,0%	PASS
845	4,55E-03	-6,1%	6,0%	FAIL
850	4,56E-03	-6,6%	6,0%	FAIL
855	4,59E-03	-6,3%	6,0%	FAIL
860	4,63E-03	-6,1%	6,0%	FAIL
865	4,63E-03	-6,3%	6,0%	FAIL
870	4,64E-03	-6,5%	6,0%	FAIL
875	4,68E-03	-5,9%	6,0%	PASS
880	4,70E-03	-5,6%	6,0%	PASS
885	4,67E-03	-6,6%	6,0%	FAIL
890	4,66E-03	-7,0%	6,0%	FAIL
895	4,75E-03	-5,4%	6,0%	PASS
900	4,84E-03	-3,7%	6,0%	PASS
905	4,82E-03	-4,1%	6,0%	PASS
910	4,78E-03	-5,0%	6,0%	PASS
915	4,81E-03	-4,4%	6,0%	PASS
920	4,86E-03	-3,5%	6,0%	PASS
925	4,87E-03	-3,5%	6,0%	PASS
930	4,85E-03	-3,9%	6,0%	PASS
935	4,84E-03	-4,3%	6,0%	PASS
940	4,85E-03	-4,2%	6,0%	PASS
945	4,88E-03	-3,9%	6,0%	PASS

λ [nm]	η [A/W]	Delta to last Cal	Tol. +/-	Result
950	4,90E-03	-3,6%	6,0%	PASS
955	4,90E-03	-4,1%	6,0%	PASS
960	4,89E-03	-4,6%	6,0%	PASS
965	4,91E-03	-4,7%	6,0%	PASS
970	4,95E-03	-4,3%	6,0%	PASS
975	5,00E-03	-3,8%	6,0%	PASS
980	5,04E-03	-3,4%	6,0%	PASS
985	5,08E-03	-3,3%	4,0%	PASS
990	5,11E-03	-3,4%	4,0%	PASS
995	5,12E-03	-3,8%	4,0%	PASS
1000	5,14E-03	-4,1%	4,0%	FAIL
1005	5,20E-03	-3,8%	4,0%	PASS
1010	5,27E-03	-3,5%	4,0%	PASS
1015	5,31E-03	-3,5%	4,0%	PASS
1020	5,37E-03	-3,4%	4,0%	PASS
1025	5,44E-03	-3,1%	4,0%	PASS
1030	5,54E-03	-2,5%	4,0%	PASS
1035	5,63E-03	-2,0%	4,0%	PASS
1040	5,73E-03	-1,5%	4,0%	PASS
1045	5,83E-03	-1,0%	4,0%	PASS
1050	5,90E-03	-1,1%	4,0%	PASS
1055	5,92E-03	-2,1%	4,0%	PASS
1060	5,98E-03	-2,6%	4,0%	PASS
1065	6,12E-03	-1,7%	4,0%	PASS
1070	6,27E-03	-0,8%	4,0%	PASS
1075	6,34E-03	-1,3%	4,0%	PASS
1080	6,41E-03	-2,0%	4,0%	PASS
1085	6,53E-03	-1,8%	4,0%	PASS
1090	6,68E-03	-1,2%	4,0%	PASS
1095	6,80E-03	-1,5%	4,0%	PASS
1100	6,91E-03	-1,8%	4,0%	PASS
1105	7,04E-03	-1,9%	4,0%	PASS
1110	7,19E-03	-1,7%	4,0%	PASS
1115	7,37E-03	-1,3%	4,0%	PASS
1120	7,55E-03	-1,0%	4,0%	PASS
1125	7,71E-03	-1,2%	4,0%	PASS
1130	7,89E-03	-1,2%	4,0%	PASS
1135	8,10E-03	-1,0%	4,0%	PASS
1140	8,32E-03	-0,7%	4,0%	PASS
1145	8,52E-03	-1,0%	4,0%	PASS
1150	8,72E-03	-1,1%	4,0%	PASS
1155	8,97E-03	-0,8%	4,0%	PASS
1160	9,25E-03	-0,2%	4,0%	PASS
1165	9,52E-03	-0,3%	4,0%	PASS
1170	9,79E-03	-0,3%	4,0%	PASS
1175	1,01E-02	-0,3%	4,0%	PASS
1180	1,03E-02	-0,2%	4,0%	PASS
1185	1,06E-02	-0,6%	4,0%	PASS
1190	1,10E-02	-0,6%	4,0%	PASS
1195	1,13E-02	-0,2%	4,0%	PASS

Test Report - as found

Model	S122C	**Temperature**	25,6°C	**Test Date**	14-Oct-2019
Serial No	9032503	**Humidity**	44%	**Tester**	Reiner Menning
Scan	CAL2	**Calibrated**	25.03.2009	**Result**	FAIL

λ [nm]	η [A/W]	Delta to last Cal	Tol. +/-	Result
1200	1,17E-02	0,2%	4,0%	PASS
1205	1,21E-02	-0,1%	4,0%	PASS
1210	1,25E-02	-0,3%	4,0%	PASS
1215	1,29E-02	-0,4%	4,0%	PASS
1220	1,33E-02	-0,2%	4,0%	PASS
1225	1,38E-02	-0,1%	4,0%	PASS
1230	1,43E-02	0,0%	4,0%	PASS
1235	1,48E-02	-0,2%	4,0%	PASS
1240	1,53E-02	-0,3%	4,0%	PASS
1245	1,59E-02	-0,4%	4,0%	PASS
1250	1,64E-02	-0,2%	4,0%	PASS
1255	1,70E-02	-0,4%	4,0%	PASS
1260	1,76E-02	-0,5%	4,0%	PASS
1265	1,83E-02	-0,2%	4,0%	PASS
1270	1,90E-02	0,3%	4,0%	PASS
1275	1,97E-02	-0,1%	4,0%	PASS
1280	2,04E-02	-0,3%	4,0%	PASS
1285	2,12E-02	0,0%	4,0%	PASS
1290	2,20E-02	0,4%	4,0%	PASS
1295	2,28E-02	0,0%	4,0%	PASS
1300	2,37E-02	-0,2%	4,0%	PASS
1305	2,46E-02	0,1%	4,0%	PASS
1310	2,55E-02	0,6%	4,0%	PASS
1315	2,65E-02	0,4%	4,0%	PASS
1320	2,75E-02	0,1%	4,0%	PASS
1325	2,84E-02	-0,1%	4,0%	PASS
1330	2,94E-02	-0,1%	4,0%	PASS
1335	3,06E-02	-0,1%	4,0%	PASS
1340	3,17E-02	0,1%	4,0%	PASS
1345	3,29E-02	0,3%	4,0%	PASS
1350	3,40E-02	0,3%	4,0%	PASS
1355	3,51E-02	0,8%	4,0%	PASS
1360	3,63E-02	1,4%	4,0%	PASS
1365	3,77E-02	1,3%	4,0%	PASS
1370	3,90E-02	1,3%	4,0%	PASS
1375	4,03E-02	1,4%	4,0%	PASS
1380	4,15E-02	1,6%	4,0%	PASS
1385	4,29E-02	1,0%	4,0%	PASS
1390	4,44E-02	0,5%	4,0%	PASS
1395	4,58E-02	0,9%	4,0%	PASS
1400	4,71E-02	1,1%	4,0%	PASS
1405	4,85E-02	0,9%	4,0%	PASS
1410	4,99E-02	0,8%	4,0%	PASS
1415	5,13E-02	0,8%	4,0%	PASS
1420	5,28E-02	0,9%	4,0%	PASS
1425	5,42E-02	0,6%	4,0%	PASS
1430	5,58E-02	0,4%	4,0%	PASS
1435	5,73E-02	0,5%	4,0%	PASS
1440	5,89E-02	0,6%	4,0%	PASS
1445	6,04E-02	0,5%	4,0%	PASS

λ [nm]	η [A/W]	Delta to last Cal	Tol. +/-	Result
1450	6,19E-02	0,4%	4,0%	PASS
1455	6,34E-02	0,3%	4,0%	PASS
1460	6,49E-02	0,3%	4,0%	PASS
1465	6,64E-02	0,5%	4,0%	PASS
1470	6,79E-02	0,7%	4,0%	PASS
1475	6,93E-02	0,5%	4,0%	PASS
1480	7,07E-02	0,2%	4,0%	PASS
1485	7,22E-02	0,4%	4,0%	PASS
1490	7,36E-02	0,5%	4,0%	PASS
1495	7,49E-02	0,3%	4,0%	PASS
1500	7,62E-02	0,1%	4,0%	PASS
1505	7,75E-02	0,2%	4,0%	PASS
1510	7,88E-02	0,3%	4,0%	PASS
1515	8,00E-02	0,2%	4,0%	PASS
1520	8,13E-02	0,2%	4,0%	PASS
1525	8,25E-02	0,3%	4,0%	PASS
1530	8,37E-02	0,5%	4,0%	PASS
1535	8,48E-02	0,4%	4,0%	PASS
1540	8,57E-02	0,3%	4,0%	PASS
1545	8,65E-02	0,2%	4,0%	PASS
1550	8,71E-02	0,0%	4,0%	PASS
1555	8,75E-02	0,2%	4,0%	PASS
1560	8,75E-02	-0,1%	4,0%	PASS
1565	8,71E-02	-0,1%	4,0%	PASS
1570	8,61E-02	-0,6%	4,0%	PASS
1575	8,46E-02	-0,2%	4,0%	PASS
1580	8,26E-02	-0,4%	4,0%	PASS
1585	8,00E-02	-0,1%	4,0%	PASS
1590	7,69E-02	-0,4%	4,0%	PASS
1595	7,35E-02	-0,4%	4,0%	PASS
1600	7,01E-02	-0,3%	4,0%	PASS
1610	6,43E-02	0,2%	4,0%	PASS
1620	5,90E-02	-0,5%	4,0%	PASS
1630	5,52E-02	0,0%	4,0%	PASS
1640	5,17E-02	-0,3%	4,0%	PASS
1650	4,88E-02	0,1%	4,0%	PASS
1660	4,58E-02	-0,7%	7,0%	PASS
1670	4,31E-02	-0,9%	7,0%	PASS
1680	4,06E-02	-0,6%	7,0%	PASS
1690	3,83E-02	-0,4%	7,0%	PASS
1700	3,60E-02	0,1%	7,0%	PASS
1710	3,35E-02	-0,5%	7,0%	PASS
1720	3,14E-02	0,0%	7,0%	PASS
1730	2,93E-02	0,3%	7,0%	PASS
1740	2,73E-02	0,9%	7,0%	PASS
1750	2,47E-02	-0,6%	7,0%	PASS
1760	2,26E-02	0,0%	7,0%	PASS
1770	2,04E-02	0,5%	7,0%	PASS
1785	1,71E-02	0,8%	7,0%	PASS
1800	1,41E-02	1,9%	7,0%	PASS

Inspection Report

Model S122C
Serial No 9032503

Test Date 14-Oct-2019
Tester Reiner Menning

Incoming Conditions:

Ingoing unit visual in perfect condition:	YES
In need of repair:	NO
Damaged during transportation:	NO

Work Performed:

Cleaning:	NO
Repair:	NO
Modification:	NO
Calibration and Verification:	YES

Notes:

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