

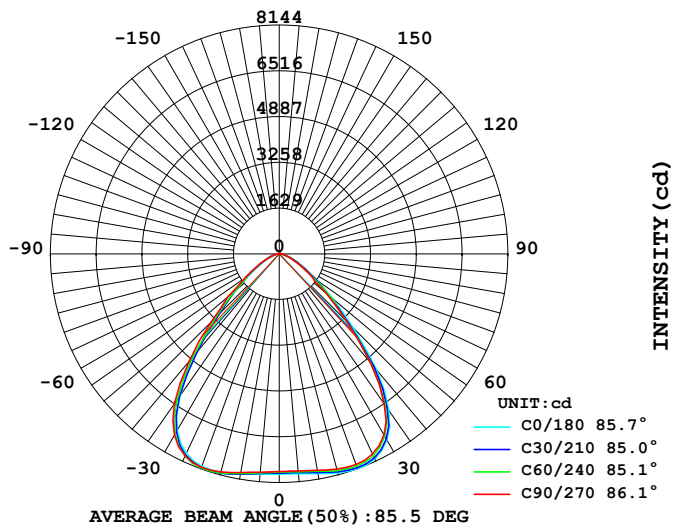
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

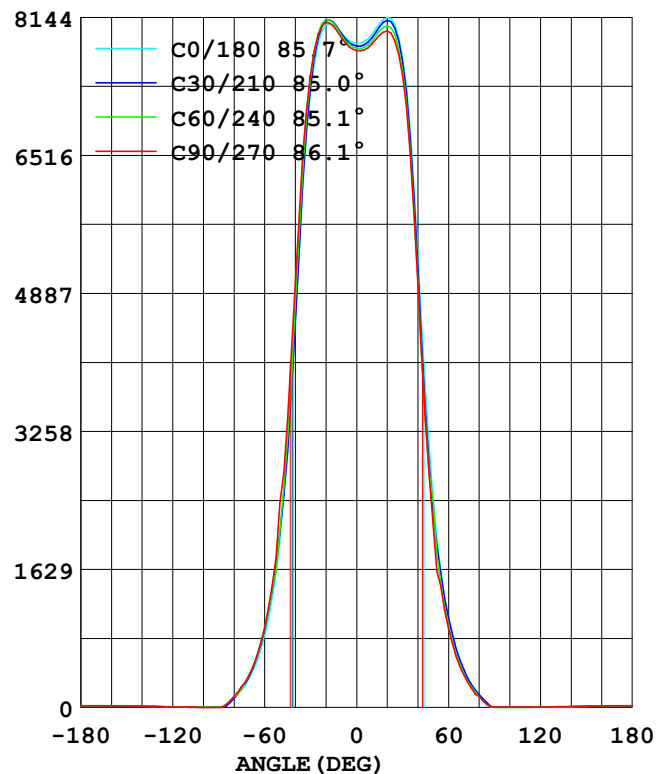
MANUFACTURER:	Address:	
NAME: FK-IX100-090N-FSA	TYPE: 4000-6500K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	8144	S/MH (C0/180)	1.21
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.25
NOMINAL POWER(W)	100	TOTAL FLUX(lm)	15531	Voltage(V)	230.8
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	151.2	Current(A)	0.445
NOMINAL FLUX(lm)	15531.0	□ up (%)	0.4	Power(W)	102.6
LAMPS QUANTITY	1	□ down (%)	99.6	Power Factor (PF)	0.970
TEST VOLTAGE (V)	230.8	Effective Flux(lm)	0.0	EEI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



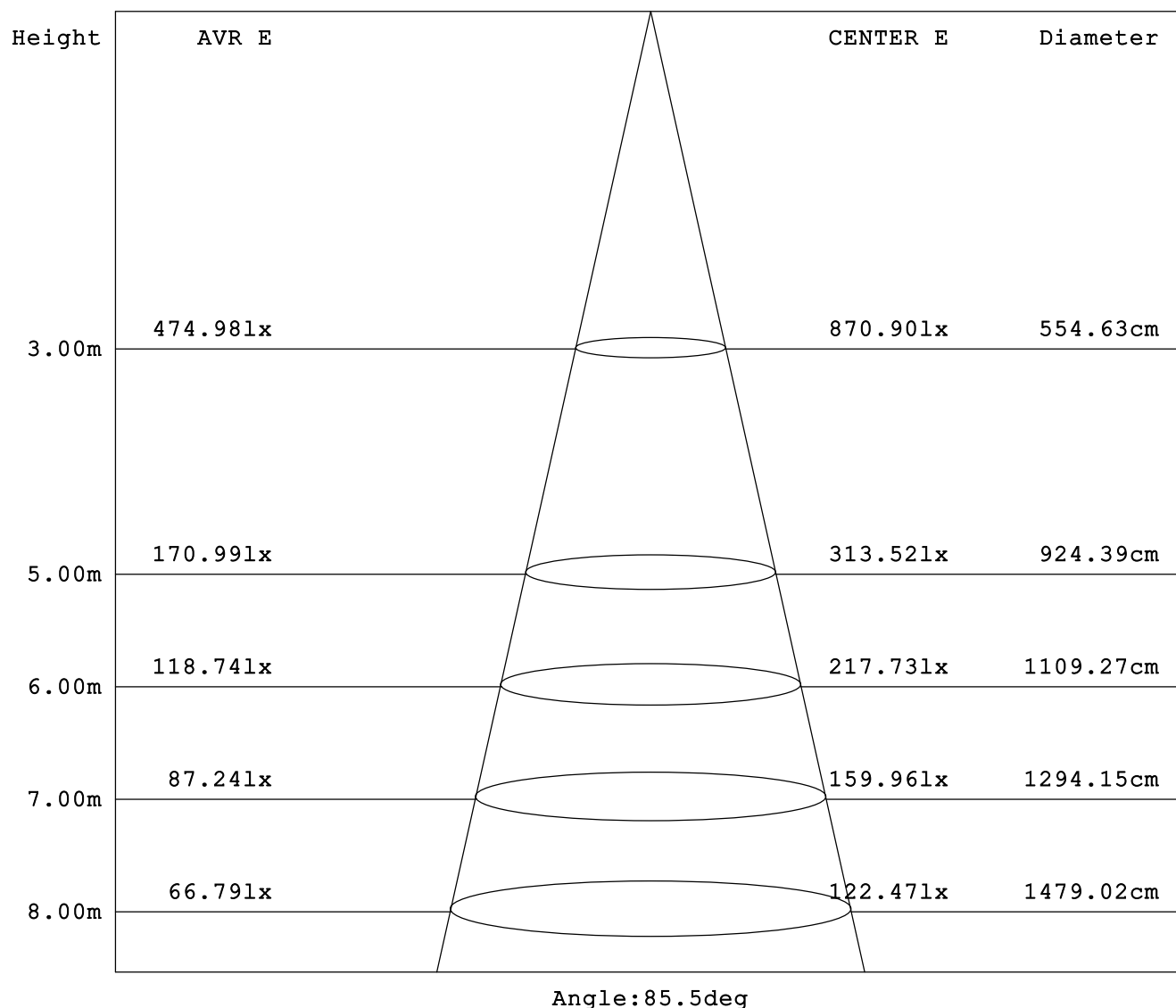
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.06.16

Test Set: 8.0 deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: FK-IX100-090N-FSA	TYPE: 4000-6500K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



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 Operators:
 Test Date: 2020.06.16

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 Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: FK-IX100-090N-FSA	TYPE: 4000-6500K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DEG	C0	C45	C90	C135	C180	C225	C270	C315	DEG	One	total
5.0	7872	7838	7800	7650	7860	7805	7761	7568	0- 5	184.6	184.6
10.0	7961	7947	7910	7640	7938	7880	7827	7801	5- 10	558.8	743.4
15.0	8053	8079	8042	7814	8071	8009	7934	7914	10- 15	938.5	1682
20.0	8052	8113	8085	7922	8144	8077	7982	7959	15- 20	1321	3003
25.0	7839	7926	7935	7822	8058	7975	7861	7828	20- 25	1674	4677
30.0	7266	7366	7458	7376	7662	7565	7455	7377	25- 30	1946	6623
35.0	6138	6269	6523	6468	6798	6642	6531	6364	30- 35	2057	8680
40.0	4614	4670	5012	4971	5393	5163	5067	4790	35- 40	1906	10586
45.0	3133	3110	3417	3333	3735	3452	3395	3129	40- 45	1514	12100
50.0	2011	2085	2428	2323	2454	2378	2174	2057	45- 50	1103	13203
55.0	1315	1403	1448	1491	1616	1534	1436	1381	50- 55	778.0	13981
60.0	851.5	930.3	940.3	981.4	1049	1020	939.0	913.4	55- 60	549.2	14530
65.0	545.4	602.2	609.6	644.2	675.3	659.9	603.2	587.7	60- 65	379.9	14910
70.0	349.8	378.9	384.2	414.0	436.3	425.0	388.3	373.4	65- 70	253.6	15164
75.0	205.0	237.6	242.7	249.8	264.8	257.9	230.0	236.7	70- 75	162.9	15327
80.0	107.3	117.0	128.8	141.3	148.2	141.3	128.9	114.3	75- 80	96.19	15423
85.0	19.65	27.21	35.61	49.03	54.63	47.82	37.62	27.47	80- 85	44.50	15467
90.0	6.341	4.755	3.276	6.393	2.008	5.072	6.235	5.654	85- 90	8.145	15475
95.0	5.601	4.174	3.064	5.389	1.056	4.227	4.755	5.072	90- 95	2.530	15478
100.0	5.389	4.121	3.381	5.178	1.373	4.068	4.227	5.178	95-100	2.346	15480
105.0	5.178	4.333	4.016	5.389	1.796	4.016	3.910	5.284	100-105	2.318	15483
110.0	5.601	4.808	4.650	5.601	2.325	4.227	4.016	5.389	105-110	2.383	15485
115.0	6.235	5.706	5.918	6.288	3.170	4.544	4.438	5.601	110-115	2.532	15487
120.0	7.609	7.239	7.503	7.609	4.121	5.125	5.072	5.759	115-120	2.806	15490
125.0	9.405	9.300	9.617	9.564	5.284	5.918	6.446	6.446	120-125	3.231	15494
130.0	11.73	11.78	12.25	11.83	6.552	7.186	7.926	7.714	125-130	3.771	15497
135.0	13.73	14.05	14.79	13.89	8.349	9.036	9.828	9.194	130-135	4.275	15502
140.0	15.53	16.01	16.69	15.74	10.25	10.77	12.04	10.62	135-140	4.619	15506
145.0	16.80	17.54	18.17	17.17	12.25	12.41	14.05	12.04	140-145	4.736	15511
150.0	18.28	18.60	19.23	17.86	14.16	14.16	15.85	13.68	145-150	4.607	15516
155.0	19.34	19.23	20.08	18.60	16.16	15.69	17.43	15.27	150-155	4.283	15520
160.0	20.08	19.81	20.60	18.91	18.07	17.27	18.91	16.59	155-160	3.790	15524
165.0	20.60	20.18	21.13	19.23	19.55	18.49	19.97	17.70	160-165	3.127	15527
170.0	21.34	20.39	20.71	19.39	20.39	19.23	20.71	18.28	165-170	2.324	15529
175.0	21.34	20.39	20.92	19.49	20.50	19.65	21.24	18.86	170-175	1.427	15531
180.0	21.13	20.23	20.71	19.81	20.08	20.08	21.45	19.76	175-180	0.482	15531
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2020.06.16

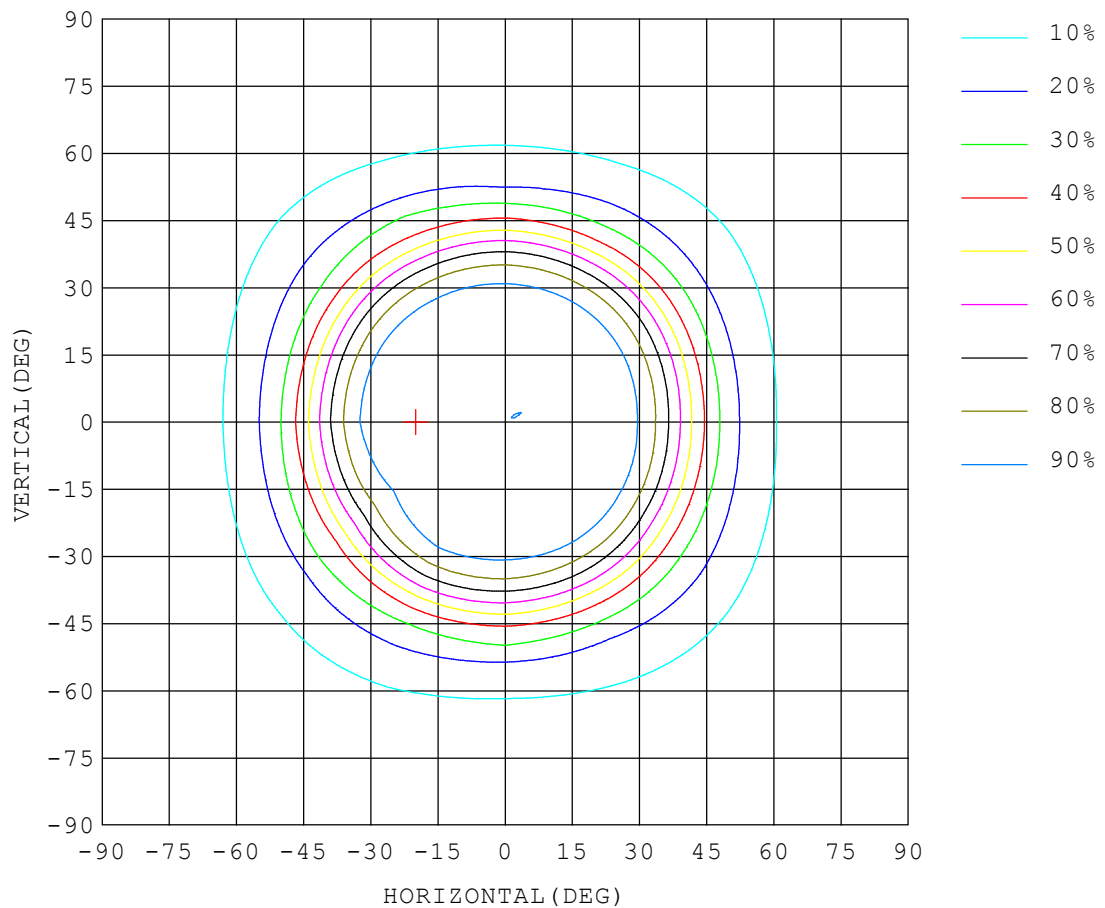
Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: FK-IX100-090N-FSA	TYPE: 4000-6500K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd



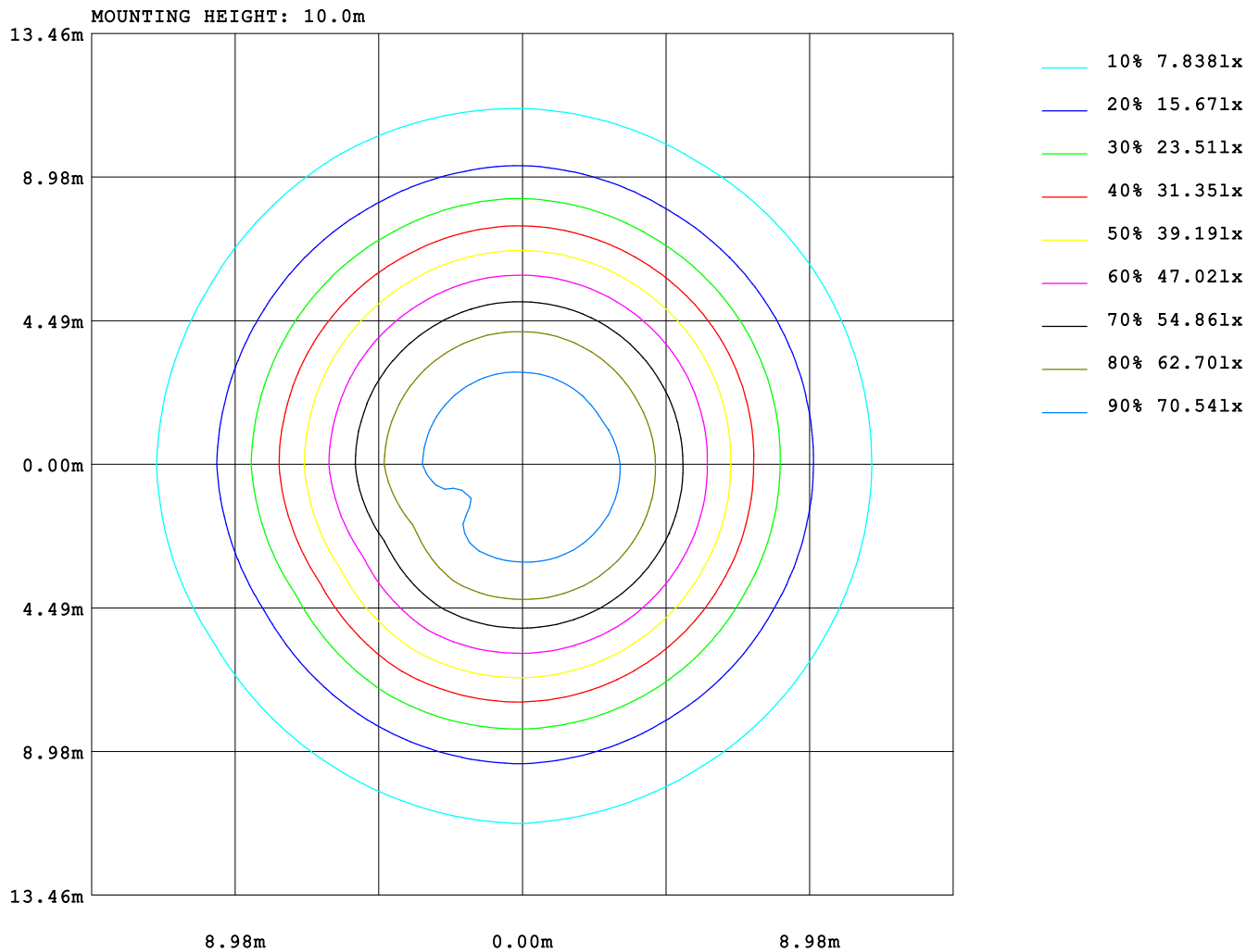
Test System: HOPOO HPG1800
Temperature: 25.3 DEG
Operators:
Test Date: 2020.06.16

Test Set: 8.0 deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: FK-IX100-090N-FSA	TYPE: 4000-6500K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOPOO HPG1800
Temperature: 25.3DEG
Operators:
Test Date: 2020.06.16

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
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Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: FK-IX100-090N-FSA	TYPE: 4000-6500K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) □ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	7838	7807	7779	7752	7728	7378	7838	7807	7779	7752	7728	7378
5.0	7872	7849	7827	7800	7772	7528	7860	7821	7789	7761	7743	7392
10.0	7961	7958	7935	7910	7868	7412	7938	7900	7861	7827	7803	7799
15.0	8053	8085	8074	8042	8010	7618	8071	8031	7987	7934	7918	7909
20.0	8052	8106	8119	8085	8076	7767	8144	8108	8045	7982	7966	7953
25.0	7839	7901	7951	7935	7965	7679	8058	8012	7937	7861	7846	7811
30.0	7266	7315	7417	7458	7546	7205	7662	7618	7512	7455	7403	7351
35.0	6138	6202	6337	6523	6613	6323	6798	6709	6574	6531	6405	6324
40.0	4614	4548	4791	5012	5119	4824	5393	5247	5078	5067	4821	4760
45.0	3133	3023	3197	3417	3404	3262	3735	3506	3398	3395	3128	3131
50.0	2011	2074	2096	2428	2231	2415	2454	2310	2446	2174	2045	2068
55.0	1315	1397	1409	1448	1518	1464	1616	1587	1481	1436	1362	1401
60.0	852	922	939	940	1010	953	1049	1066	974	939	894	933
65.0	545	598	607	610	655	634	675	695	625	603	574	602
70.0	350	369	389	384	422	406	436	451	399	388	363	384
75.0	205	246	229	243	253	247	265	271	245	230	249	224
80.0	107	108	126	129	145	138	148	155	128	129	107	122
85.0	19.6	17.7	36.6	35.6	52.4	45.6	54.6	58.4	37.2	37.6	22.1	32.7
90.0	6.34	2.53	6.97	3.27	7.39	5.38	2.00	7.18	2.95	6.23	2.64	8.66
95.0	5.60	2.32	6.02	3.06	6.12	4.65	1.05	5.91	2.53	4.75	2.43	7.71
100.0	5.38	2.43	5.81	3.38	5.60	4.75	1.37	5.49	2.64	4.22	2.74	7.60
105.0	5.17	2.74	5.91	4.01	5.81	4.96	1.79	5.28	2.74	3.91	3.17	7.39
110.0	5.60	3.38	6.23	4.65	5.81	5.38	2.32	5.28	3.17	4.01	3.59	7.18
115.0	6.23	4.33	7.08	5.91	6.44	6.12	3.17	5.38	3.69	4.43	4.33	6.86
120.0	7.60	5.91	8.56	7.50	7.60	7.60	4.12	5.70	4.54	5.07	4.96	6.55
125.0	9.40	8.03	10.5	9.61	9.51	9.61	5.28	6.23	5.60	6.44	5.81	7.08
130.0	11.7	10.5	12.9	12.2	11.8	11.8	6.55	7.08	7.29	7.92	7.39	8.03
135.0	13.7	12.9	15.1	14.7	13.9	13.8	8.34	8.87	9.19	9.82	8.98	9.40
140.0	15.5	14.9	17.1	16.6	15.9	15.5	10.2	10.4	11.0	12.0	10.4	10.7
145.0	16.8	16.3	18.7	18.1	17.3	17.0	12.2	11.9	12.8	14.0	11.8	12.2
150.0	18.2	17.5	19.6	19.2	18.2	17.4	14.1	13.6	14.6	15.8	13.4	13.9
155.0	19.3	18.2	20.1	20.0	18.9	18.2	16.1	15.1	16.2	17.4	14.9	15.6
160.0	20.0	18.8	20.8	20.6	19.1	18.7	18.0	16.8	17.7	18.9	16.2	16.9
165.0	20.6	19.1	21.2	21.1	19.4	19.0	19.5	18.1	18.8	19.9	17.6	17.7
170.0	21.3	19.3	21.4	20.7	19.4	19.3	20.3	19.1	19.3	20.7	18.3	18.1
175.0	21.3	19.3	21.4	20.9	19.4	19.5	20.5	19.7	19.5	21.2	19.1	18.6
180.0	21.1	19.3	21.1	20.7	19.3	20.2	20.0	20.2	19.8	21.4	20.3	19.1

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020.06.16

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 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: