

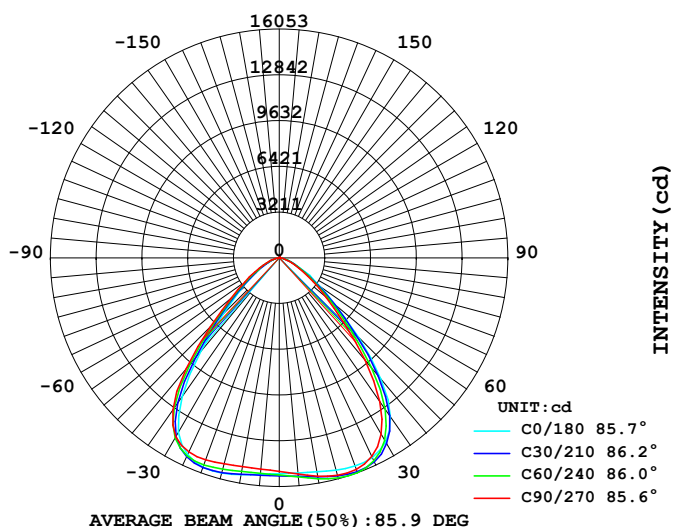
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

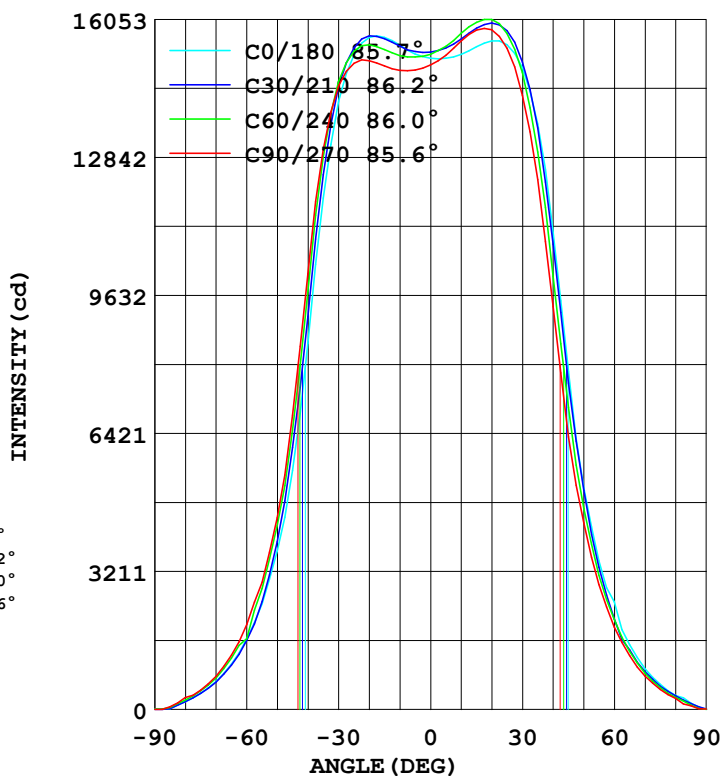
MANUFACTURER:	Address:	
NAME: FK-IX200-090N-FSA	TYPE: 4000-6500K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	16053	S/MH (C0/180)	1.19
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.26
NOMINAL POWER (W)	200	TOTAL FLUX (lm)	30621	Voltage (V)	230.3
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	150.7	Current (A)	0.881
NOMINAL FLUX (lm)	30621.0	□ up (%)	0.3	Power (W)	203.1
LAMPS QUANTITY	1	□ down (%)	99.7	Power Factor (PF)	0.979
TEST VOLTAGE (V)	230.4	Effective Flux (lm)	0.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



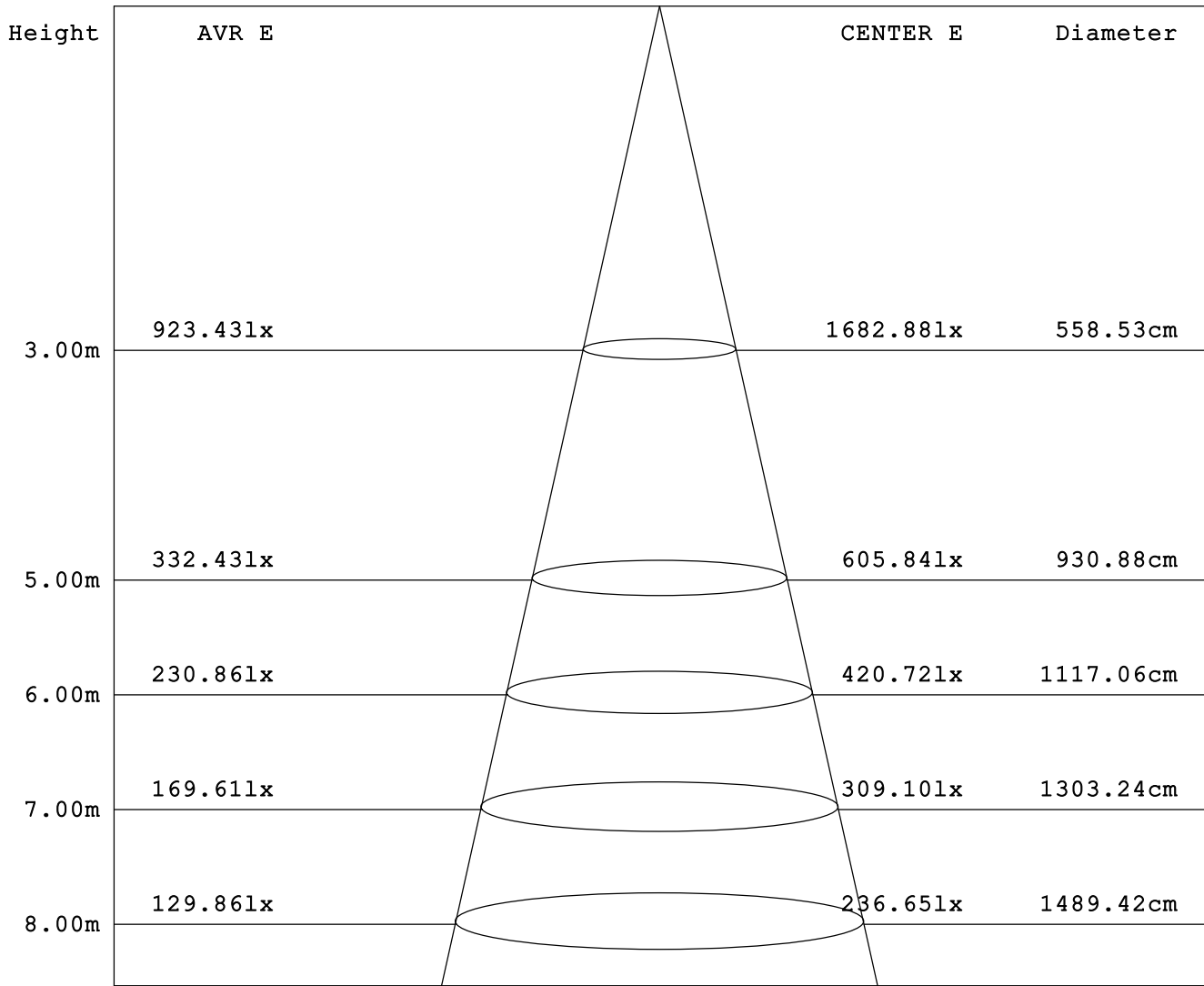
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.06.16

Test Set: 8.0deg/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-IX200-090N-FSA	TYPE: 4000-6500K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle: 85.9deg

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:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: FK-IX200-090N-FSA	TYPE: 4000-6500K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	Zone	total
5.0	1524	1524	1488	1489	1515	1541	1521	1528	0- 5	362.2	362.2
10.0	1545	1532	1486	1489	1523	1566	1555	1560	5- 10	1092	1454
15.0	1563	1548	1497	1499	1542	1592	1580	1582	10- 15	1831	3285
20.0	1563	1557	1509	1510	1555	1601	1581	1581	15- 20	2566	5851
25.0	1522	1535	1503	1506	1546	1575	1538	1535	20- 25	3250	9101
30.0	1415	1456	1451	1460	1493	1494	1429	1421	25- 30	3791	12892
35.0	1189	1265	1302	1335	1362	1325	1233	1204	30- 35	4037	16929
40.0	852.3	943.1	1014	1066	1110	1045	936.6	885.5	35- 40	3791	20719
45.0	556.1	629.8	684.8	738.5	786.6	730.4	633.9	594.5	40- 45	3045	23764
50.0	368.2	408.7	445.3	475.3	515.1	488.4	433.5	397.6	45- 50	2212	25976
55.0	245.8	266.6	295.6	306.2	346.2	321.4	290.8	259.0	50- 55	1576	27552
60.0	164.4	163.0	197.6	201.6	250.6	210.4	191.7	164.6	55- 60	1102	28653
65.0	105.4	111.4	126.0	131.4	150.4	137.0	125.3	110.2	60- 65	753.1	29407
70.0	64.93	68.67	77.10	83.19	94.92	86.53	78.11	69.02	65- 70	505.0	29912
75.0	37.96	40.48	45.33	50.91	58.20	52.57	46.22	41.01	70- 75	320.3	30232
80.0	18.25	20.34	27.63	27.90	32.28	29.61	25.38	21.50	75- 80	187.9	30420
85.0	2.049	3.373	6.182	10.87	14.21	12.11	8.785	4.533	80- 85	89.04	30509
90.0	0.792	0.624	0.445	0.710	0.542	0.727	0.824	0.488	85- 90	17.53	30527
95.0	0.748	0.569	0.390	0.521	0.271	0.477	0.597	0.390	90- 95	2.965	30530
100.0	0.738	0.607	0.456	0.553	0.271	0.466	0.553	0.407	95-100	2.697	30532
105.0	0.803	0.683	0.542	0.624	0.271	0.488	0.542	0.445	100-105	2.820	30535
110.0	0.933	0.824	0.705	0.759	0.358	0.537	0.586	0.526	105-110	3.153	30538
115.0	1.149	1.041	0.879	0.933	0.456	0.629	0.662	0.640	110-115	3.667	30542
120.0	1.464	1.377	1.193	1.187	0.586	0.765	0.803	0.819	115-120	4.417	30546
125.0	1.898	1.805	1.594	1.551	0.792	0.982	1.041	1.052	120-125	5.453	30552
130.0	2.342	2.266	2.049	1.990	1.095	1.269	1.366	1.382	125-130	6.642	30558
135.0	2.689	2.679	2.505	2.418	1.442	1.588	1.735	1.713	130-135	7.720	30566
140.0	2.928	3.053	2.917	2.803	1.843	1.946	2.082	2.049	135-140	8.442	30575
145.0	3.167	3.318	3.188	3.080	2.245	2.321	2.418	2.386	140-145	8.721	30583
150.0	3.329	3.514	3.470	3.308	2.592	2.651	2.733	2.727	145-150	8.559	30592
155.0	3.546	3.644	3.633	3.470	2.993	3.015	3.047	3.047	150-155	8.025	30600
160.0	3.698	3.709	3.752	3.573	3.351	3.346	3.362	3.329	155-160	7.134	30607
165.0	3.817	3.758	3.828	3.638	3.611	3.584	3.579	3.514	160-165	5.902	30613
170.0	3.893	3.807	3.839	3.676	3.796	3.752	3.731	3.622	165-170	4.389	30617
175.0	3.969	3.828	3.893	3.687	3.904	3.834	3.828	3.682	170-175	2.702	30620
180.0	3.969	3.823	3.904	3.644	3.915	3.845	3.883	3.709	175-180	0.911	30621
DEG	LUMINOUS INTENSITY: *10cd									UNIT: lm	

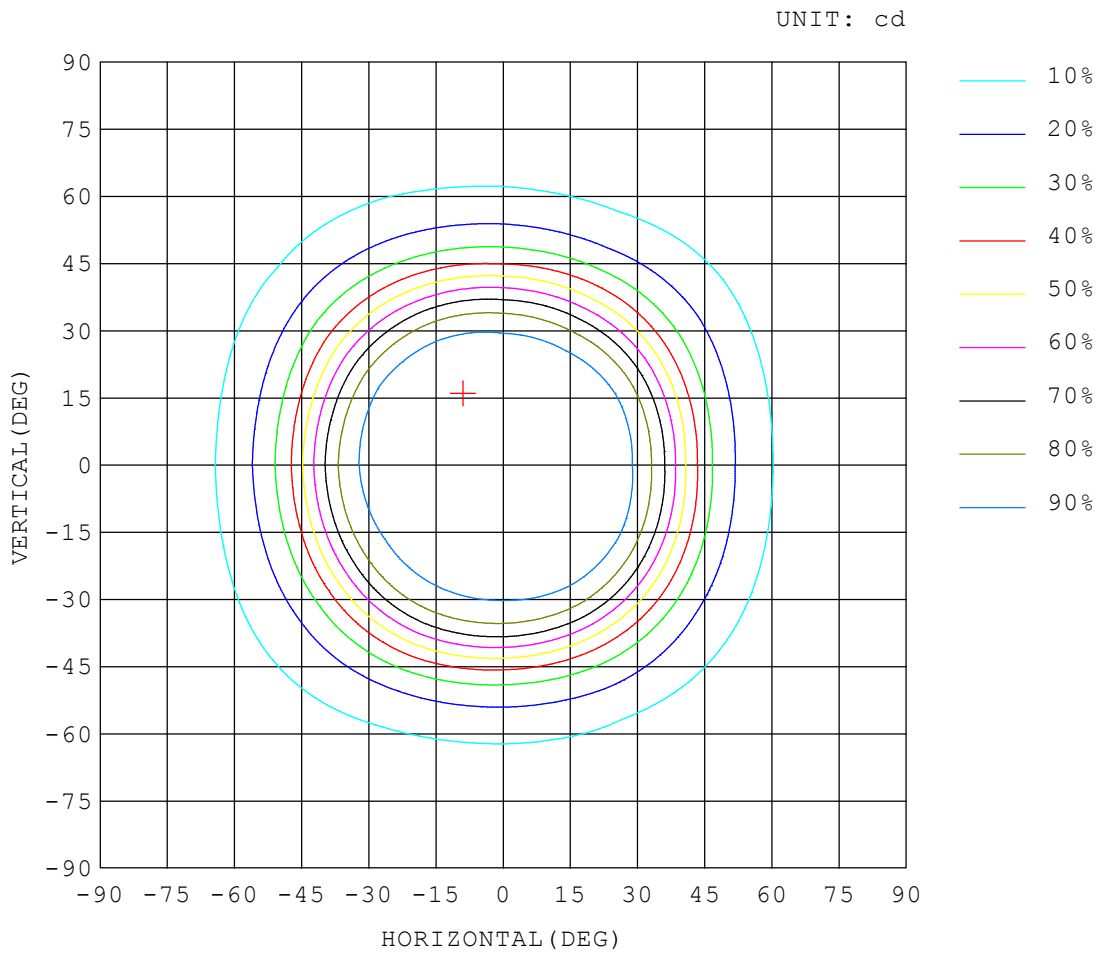
Test System: HOPOO HPG1800
 Temperature: 25.3 DEG
 Operators:
 Test Date: 2020.06.16

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

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: FK-IX200-090N-FSA	TYPE: 4000-6500K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



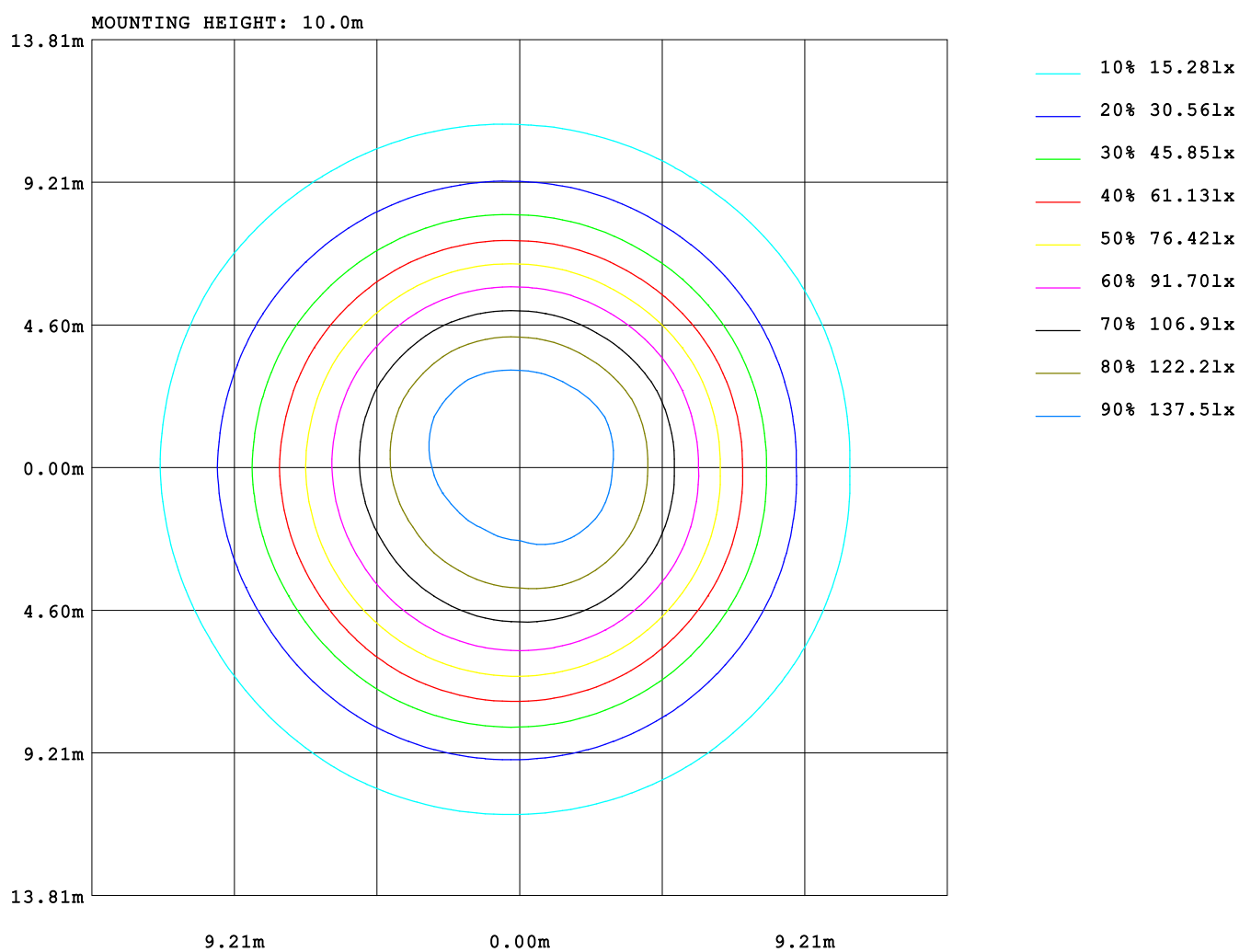
Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2020.06.16

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: FK-IX200-090N-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%
 Test Distance:10.000 m
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: FK-IX200-090N-FSA	TYPE: 4000-6500K	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: ×10cd

C (DEG) □ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	1515	1529	1524	1499	1496	1509	1515	1529	1524	1499	1496	1509
5.0	1524	1530	1517	1488	1485	1494	1515	1539	1543	1521	1519	1538
10.0	1545	1543	1521	1486	1482	1496	1523	1559	1573	1555	1552	1567
15.0	1563	1560	1535	1497	1491	1507	1542	1585	1599	1580	1574	1590
20.0	1563	1567	1546	1509	1502	1518	1555	1597	1605	1581	1573	1590
25.0	1522	1539	1531	1503	1501	1512	1546	1579	1572	1538	1526	1544
30.0	1415	1450	1461	1451	1457	1463	1493	1506	1482	1429	1415	1427
35.0	1189	1244	1286	1302	1329	1341	1362	1352	1297	1233	1199	1210
40.0	852	914	973	1014	1061	1071	1110	1083	1007	937	887	884
45.0	556	609	651	685	733	744	787	759	702	634	608	582
50.0	368	390	427	445	471	480	515	510	467	434	397	398
55.0	246	251	282	296	299	313	346	331	312	291	252	266
60.0	164	161	165	198	194	209	251	211	210	192	164	166
65.0	105	103	120	126	127	136	150	139	135	125	105	115
70.0	64.9	63.8	73.5	77.1	80.5	85.8	94.9	88.5	84.5	78.1	66.4	71.6
75.0	37.9	37.5	43.4	45.3	49.5	52.2	58.2	54.3	50.8	46.2	40.2	41.7
80.0	18.2	18.6	22.0	27.6	27.2	28.5	32.2	31.6	27.6	25.3	21.3	21.6
85.0	2.04	1.63	5.10	6.18	10.7	11.0	14.2	13.8	10.3	8.78	4.53	4.53
90.0	0.79	0.36	0.89	0.44	0.97	0.46	0.54	1.00	0.44	0.82	0.27	0.71
95.0	0.75	0.38	0.76	0.39	0.72	0.33	0.27	0.66	0.29	0.60	0.21	0.57
100.0	0.74	0.47	0.75	0.46	0.71	0.40	0.27	0.62	0.31	0.55	0.26	0.55
105.0	0.80	0.57	0.79	0.54	0.76	0.49	0.27	0.61	0.37	0.54	0.34	0.55
110.0	0.93	0.75	0.90	0.71	0.88	0.64	0.36	0.63	0.44	0.59	0.44	0.61
115.0	1.14	0.99	1.09	0.88	1.04	0.82	0.46	0.71	0.55	0.66	0.57	0.71
120.0	1.46	1.35	1.39	1.19	1.26	1.10	0.59	0.81	0.72	0.80	0.77	0.87
125.0	1.89	1.81	1.80	1.59	1.62	1.47	0.79	1.00	0.97	1.04	1.01	1.08
130.0	2.34	2.26	2.26	2.04	2.08	1.89	1.09	1.25	1.27	1.36	1.37	1.38
135.0	2.68	2.65	2.70	2.50	2.48	2.35	1.44	1.56	1.61	1.73	1.69	1.73
140.0	2.92	3.01	3.09	2.91	2.87	2.73	1.84	1.90	1.98	2.08	2.00	2.09
145.0	3.16	3.27	3.36	3.18	3.15	3.00	2.24	2.26	2.37	2.41	2.31	2.46
150.0	3.32	3.48	3.54	3.47	3.38	3.23	2.59	2.61	2.68	2.73	2.62	2.83
155.0	3.54	3.62	3.66	3.63	3.53	3.40	2.99	2.98	3.04	3.04	2.93	3.15
160.0	3.69	3.68	3.73	3.75	3.63	3.51	3.35	3.32	3.36	3.36	3.22	3.43
165.0	3.81	3.76	3.75	3.82	3.67	3.60	3.61	3.56	3.60	3.57	3.42	3.60
170.0	3.89	3.81	3.79	3.83	3.70	3.64	3.79	3.77	3.73	3.73	3.54	3.69
175.0	3.96	3.85	3.80	3.89	3.70	3.66	3.90	3.86	3.80	3.82	3.62	3.74
180.0	3.96	3.87	3.77	3.90	3.68	3.60	3.91	3.85	3.83	3.88	3.62	3.79

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: