

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

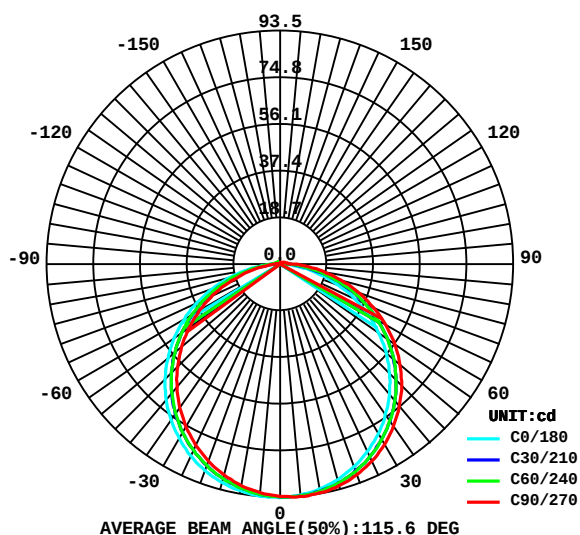
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

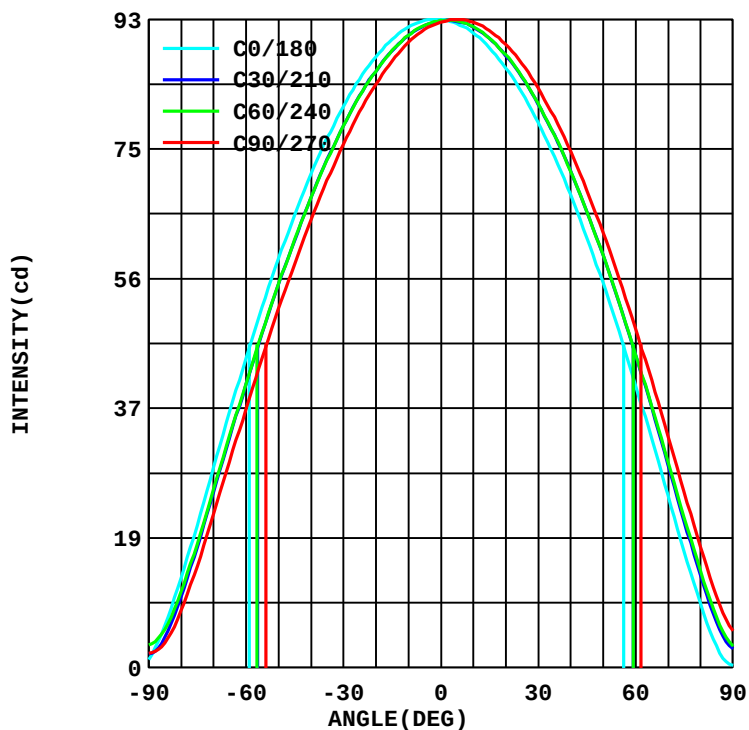
MANUFACTURER:	Address:		
NAME: KBM-F-H-SPI-RGBW30K-24V	TYPE:	WEIGHT:N/A	
SPECIFICATION:	DIMENSION: 24.9"x 0.5"x0.76"	SERIAL No.:N/A	

DATA OF LAMP		I _{max} (cd)	93.48	S/MH(C0/180)	1.29
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.21
NOMINAL POWER(W)	9	TOTAL FLUX(lm)	282.84	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	30.7	Current(A)	0.383
NOMINAL FLUX(lm)	282.8	η up(%)	2.3	Power(W)	9.200
LAMPS QUANTITY	1	η down(%)	97.7	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	272.0	EEI	0.330

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOP00
Temperature:25.3DEG
Operators:
Test Date:07-22-2022

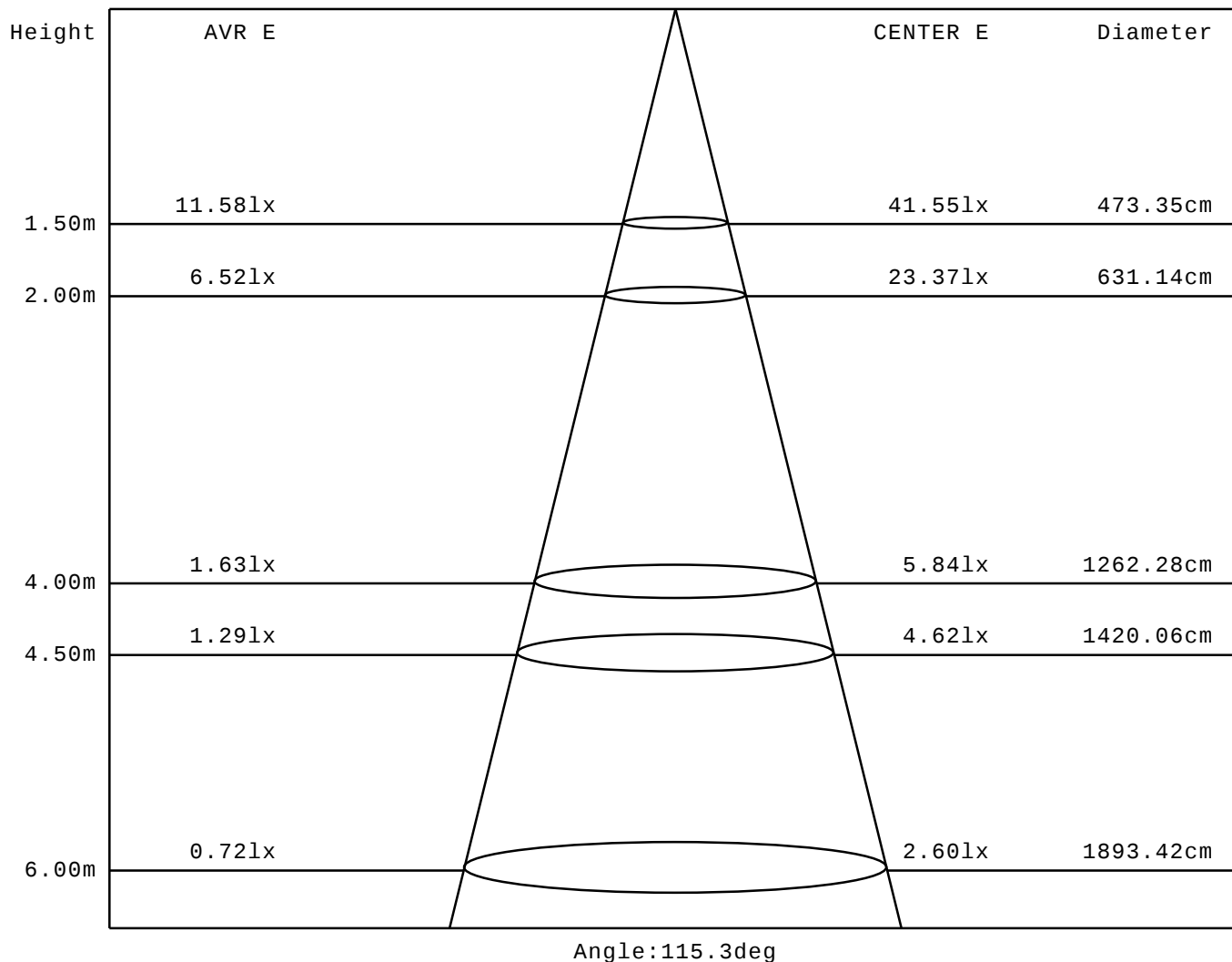
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.368 m
Remarks: 24 Volts 5 Sections

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

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Report number:

MANUFACTURER:	Address:	
NAME: KBM-F-H-SPI-RGBW30K-24V	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 4 feet	SERIAL No.:N/A



Test System:HOP00
Temperature:25.3DEG
Operators:
Test Date:07-22-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.368 m
Remarks: 24 Volts 5 Sections

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: KBM-F-H-SPI-RGBW30K-24V	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 4 feet	SERIAL No.:N/A

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	93.34	92.57	92.01	92.18	92.92	93.23	93.41	93.44	0- 5	2.225	2.225
10.0	92.29	91.17	90.12	90.47	91.52	92.39	93.06	92.92	5- 10	6.604	8.830
15.0	90.61	88.96	87.45	87.91	89.41	90.75	91.87	91.62	10- 15	10.77	19.60
20.0	88.08	85.98	84.09	84.65	86.47	88.36	89.91	89.52	15- 20	14.58	34.18
25.0	84.79	82.38	80.10	80.73	82.90	85.18	87.10	86.68	20- 25	17.92	52.10
30.0	80.87	78.07	75.48	76.22	78.70	81.36	83.67	83.11	25- 30	20.68	72.78
35.0	76.32	73.20	70.23	71.03	73.66	76.78	79.40	78.77	30- 35	22.76	95.55
40.0	71.14	67.67	64.42	65.29	68.20	71.59	74.50	73.87	35- 40	24.10	119.6
45.0	65.33	61.69	58.18	59.09	62.04	65.82	68.90	68.23	40- 45	24.67	144.3
50.0	58.81	55.10	51.60	52.37	55.52	59.48	62.74	62.14	45- 50	24.43	168.7
55.0	51.95	48.24	44.60	45.30	48.45	52.62	56.08	55.45	50- 55	23.39	192.1
60.0	44.60	40.92	37.32	37.88	40.82	45.27	49.01	48.24	55- 60	21.57	213.7
65.0	36.83	33.26	29.68	30.07	32.98	37.56	41.45	40.68	60- 65	19.04	232.8
70.0	28.84	25.45	22.05	22.26	24.92	29.54	33.47	32.66	65- 70	15.89	248.6
75.0	20.51	17.61	14.63	14.56	16.87	21.46	25.41	24.57	70- 75	12.25	260.9
80.0	12.81	10.46	8.122	7.807	9.243	13.65	17.43	16.59	75- 80	8.398	269.3
85.0	6.022	4.936	3.571	3.186	3.151	6.967	10.29	9.383	80- 85	4.809	274.1
90.0	1.190	2.625	2.030	1.960	0.280	2.905	5.321	4.271	85- 90	2.233	276.3
95.0	0.700	2.310	1.820	1.680	0	2.100	3.501	2.695	90- 95	1.224	277.6
100.0	0.560	2.030	1.610	1.400	0	1.785	3.081	2.380	95-100	0.993	278.6
105.0	0.560	1.610	1.260	0.980	0	1.365	2.730	2.100	100-105	0.833	279.4
110.0	0.490	1.260	1.120	0.770	0	1.085	2.240	1.715	105-110	0.646	280.0
115.0	0.420	1.190	1.050	0.805	0.070	0.945	1.960	1.470	110-115	0.548	280.6
120.0	0.420	1.015	0.910	0.700	0.070	0.840	1.750	1.190	115-120	0.469	281.0
125.0	0.420	0.840	0.840	0.665	0.070	0.770	1.610	1.015	120-125	0.393	281.4
130.0	0.420	0.735	0.770	0.595	0.140	0.700	1.400	0.875	125-130	0.334	281.8
135.0	0.420	0.630	0.630	0.490	0.210	0.665	1.330	0.735	130-135	0.275	282.1
140.0	0.350	0.420	0.560	0.385	0.210	0.595	1.120	0.665	135-140	0.219	282.3
145.0	0.350	0.385	0.420	0.350	0.210	0.525	0.980	0.490	140-145	0.166	282.4
150.0	0.420	0.315	0.350	0.280	0.280	0.385	0.840	0.385	145-150	0.123	282.6
155.0	0.350	0.175	0.280	0.175	0.280	0.350	0.770	0.350	150-155	0.089	282.6
160.0	0.350	0.175	0.070	0.140	0.350	0.280	0.560	0.175	155-160	0.059	282.7
165.0	0.350	0.175	0.070	0.140	0.350	0.210	0.350	0.245	160-165	0.037	282.7
170.0	0.350	0.210	0.140	0.175	0.350	0.175	0.350	0.280	165-170	0.027	282.8
175.0	0.350	0.210	0.140	0.175	0.420	0.210	0.350	0.210	170-175	0.016	282.8
180.0	0.350	0.210	0.140	0.175	0.490	0.210	0.350	0.210	175-180	0.006	282.8
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

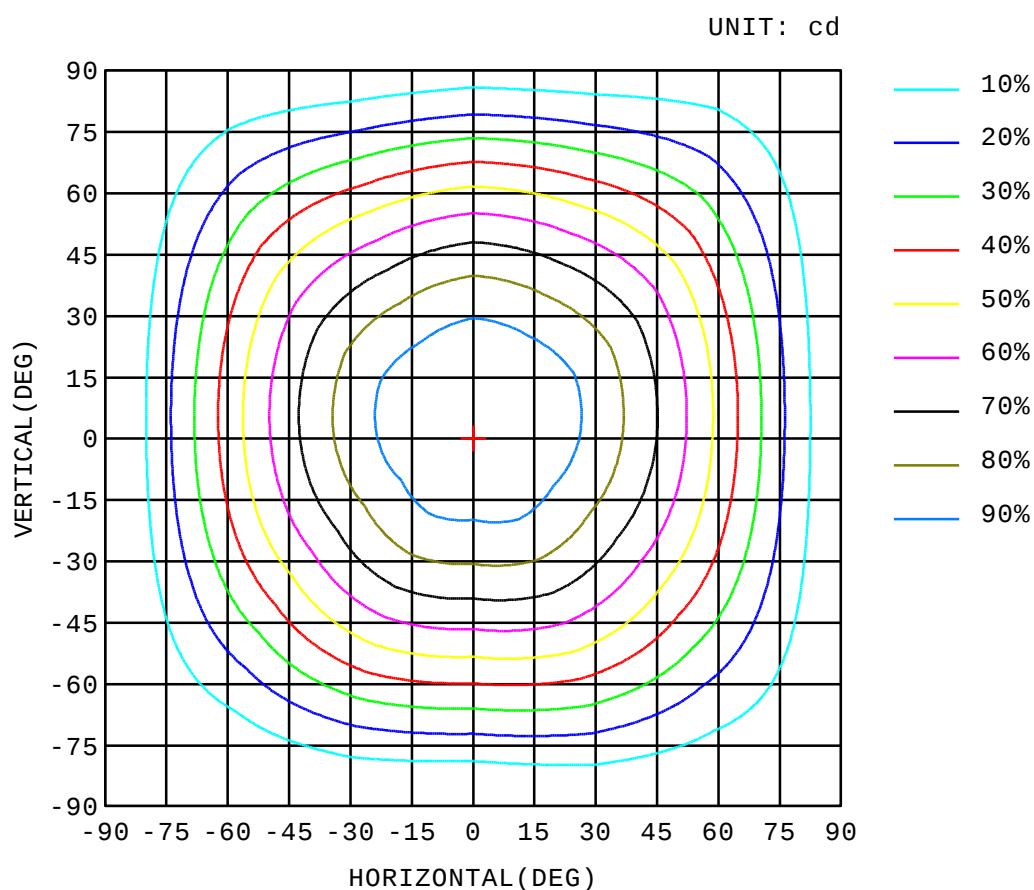
Test System:HOP00
Temperature:25.3DEG
Operators:
Test Date:07-22-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.368 m
Remarks: 24 Volts 5 Sections

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: KBM-F-H-SPI-RGBW30K-24V	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 4 feet	SERIAL No.:N/A



Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2022

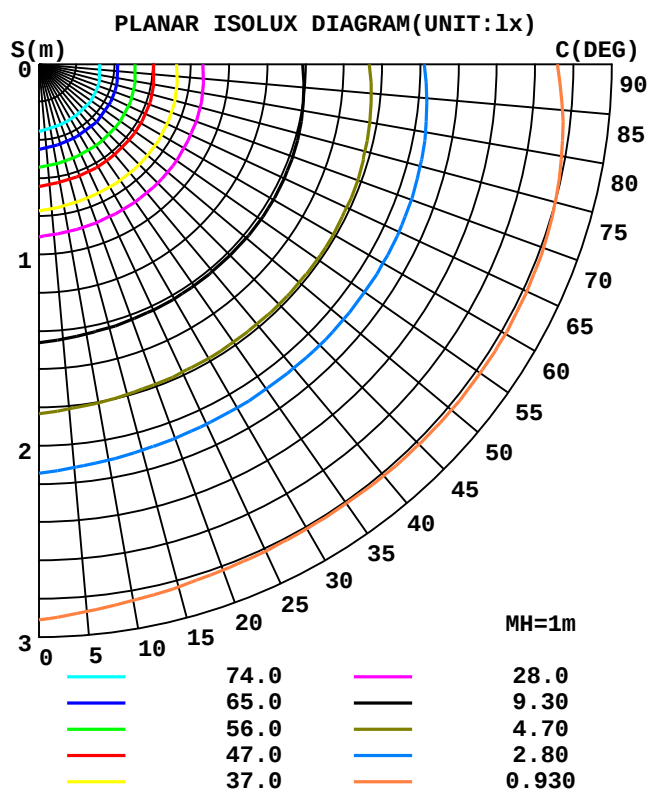
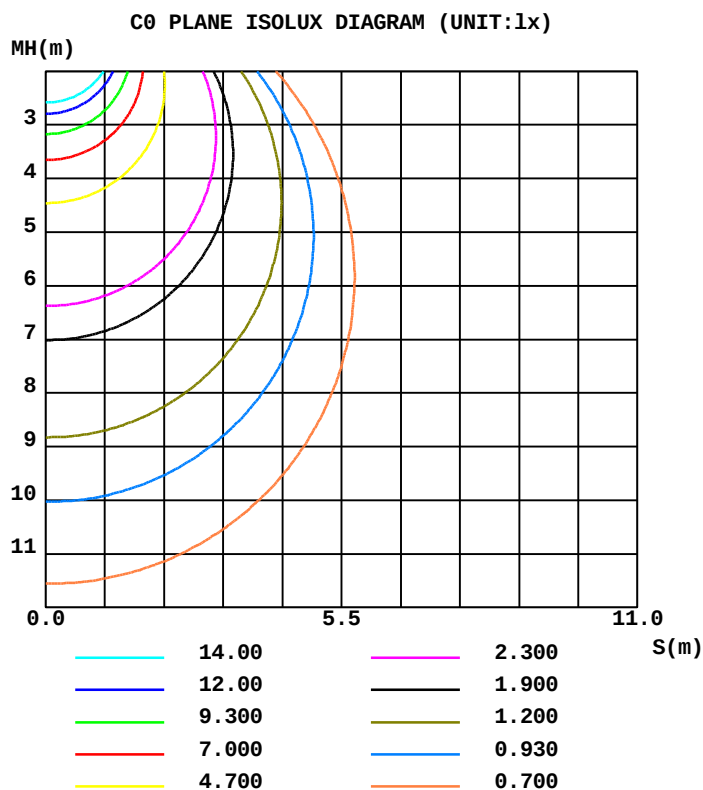
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: 24 Volts 5 Sections

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ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: KBM-F-H-SPI-RGBW30K-24V	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 4 feet	SERIAL No.:N/A



Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:07-22-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: 24 Volts 5 Sections

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: KBM-F-H-SPI-RGBW30K-24V	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 4 feet	SERIAL No.:N/A

UNIT: cd

C(DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330
0.0	93.4	93.2	93.3	93.0	93.3	93.1	93.4	93.2	93.3	93.0	93.3	93.1
5.0	93.3	92.5	92.5	92.0	92.3	92.0	92.9	93.2	93.2	93.4	93.4	93.4
10.0	92.2	91.1	91.1	90.1	90.6	90.2	91.5	92.3	92.4	93.0	92.9	92.9
15.0	90.6	88.9	88.9	87.4	88.2	87.5	89.4	90.7	90.7	91.8	91.5	91.7
20.0	88.0	85.9	85.9	84.0	85.0	84.3	86.4	88.2	88.4	89.9	89.3	89.7
25.0	84.7	82.4	82.3	80.1	81.1	80.3	82.9	85.1	85.2	87.1	86.4	86.8
30.0	80.8	78.0	78.0	75.4	76.6	75.7	78.7	81.2	81.4	83.6	82.7	83.4
35.0	76.3	73.2	73.1	70.2	71.5	70.5	73.6	76.8	76.7	79.4	78.3	79.1
40.0	71.1	67.6	67.7	64.4	65.8	64.7	68.2	71.6	71.5	74.5	73.3	74.3
45.0	65.3	61.6	61.7	58.1	59.7	58.3	62.0	65.8	65.8	68.9	67.7	68.7
50.0	58.8	55.1	55.1	51.6	53.0	51.6	55.5	59.4	59.5	62.7	61.5	62.7
55.0	51.9	48.1	48.3	44.6	46.0	44.5	48.4	52.5	52.6	56.0	54.8	56.0
60.0	44.6	40.8	40.9	37.3	38.7	37.0	40.8	45.2	45.3	49.0	47.5	48.9
65.0	36.8	33.0	33.4	29.6	31.0	29.1	32.9	37.5	37.6	41.4	39.9	41.3
70.0	28.8	25.2	25.6	22.0	23.2	21.2	24.9	29.3	29.7	33.4	32.0	33.2
75.0	20.5	17.3	17.8	14.6	15.5	13.5	16.8	21.1	21.7	25.4	24.0	25.0
80.0	12.8	10.0	10.8	8.12	8.89	6.72	9.24	13.3	14.0	17.4	16.2	16.9
85.0	6.02	4.34	5.53	3.57	4.27	2.10	3.15	6.58	7.35	10.2	9.17	9.59
90.0	1.19	1.96	3.29	2.03	2.94	0.98	0.28	2.73	3.08	5.32	4.13	4.41
95.0	0.70	1.68	2.94	1.82	2.52	0.84	0.00	2.10	2.10	3.50	2.45	2.94
100.0	0.56	1.47	2.59	1.61	2.24	0.56	0.00	1.75	1.82	3.08	2.17	2.59
105.0	0.56	1.26	1.96	1.26	1.61	0.35	0.00	1.47	1.26	2.73	1.89	2.31
110.0	0.49	0.98	1.54	1.12	1.47	0.07	0.00	1.26	0.91	2.24	1.40	2.03
115.0	0.42	0.70	1.68	1.05	1.47	0.14	0.07	0.98	0.91	1.96	1.26	1.68
120.0	0.42	0.49	1.54	0.91	1.26	0.14	0.07	0.84	0.84	1.75	1.05	1.33
125.0	0.42	0.28	1.40	0.84	1.12	0.21	0.07	0.84	0.70	1.61	0.98	1.05
130.0	0.42	0.28	1.19	0.77	1.05	0.14	0.14	0.77	0.63	1.40	0.84	0.91
135.0	0.42	0.21	1.05	0.63	0.91	0.07	0.21	0.70	0.63	1.33	0.70	0.77
140.0	0.35	0.00	0.84	0.56	0.77	0.00	0.21	0.63	0.56	1.12	0.63	0.70
145.0	0.35	0.00	0.77	0.42	0.70	0.00	0.21	0.56	0.49	0.98	0.49	0.49
150.0	0.42	0.00	0.63	0.35	0.56	0.00	0.28	0.42	0.35	0.84	0.42	0.35
155.0	0.35	0.00	0.35	0.28	0.35	0.00	0.28	0.42	0.28	0.77	0.28	0.42
160.0	0.35	0.00	0.35	0.07	0.28	0.00	0.35	0.35	0.21	0.56	0.07	0.28
165.0	0.35	0.07	0.28	0.07	0.28	0.00	0.35	0.28	0.14	0.35	0.14	0.35
170.0	0.35	0.14	0.28	0.14	0.28	0.07	0.35	0.28	0.07	0.35	0.14	0.42
175.0	0.35	0.14	0.28	0.14	0.28	0.07	0.42	0.28	0.14	0.35	0.14	0.28
180.0	0.35	0.14	0.28	0.14	0.28	0.07	0.49	0.28	0.14	0.35	0.14	0.28

Test System:HOP00
Temperature:25.3DEG
Operators:
Test Date:07-22-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.368 m
Remarks: 24 Volts 5 Sections