

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

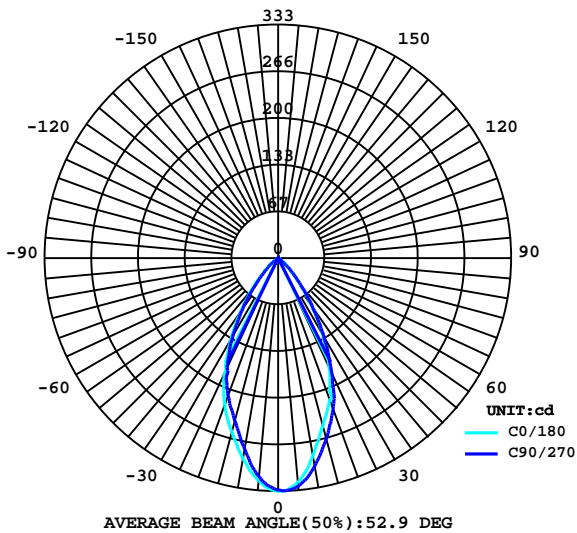
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

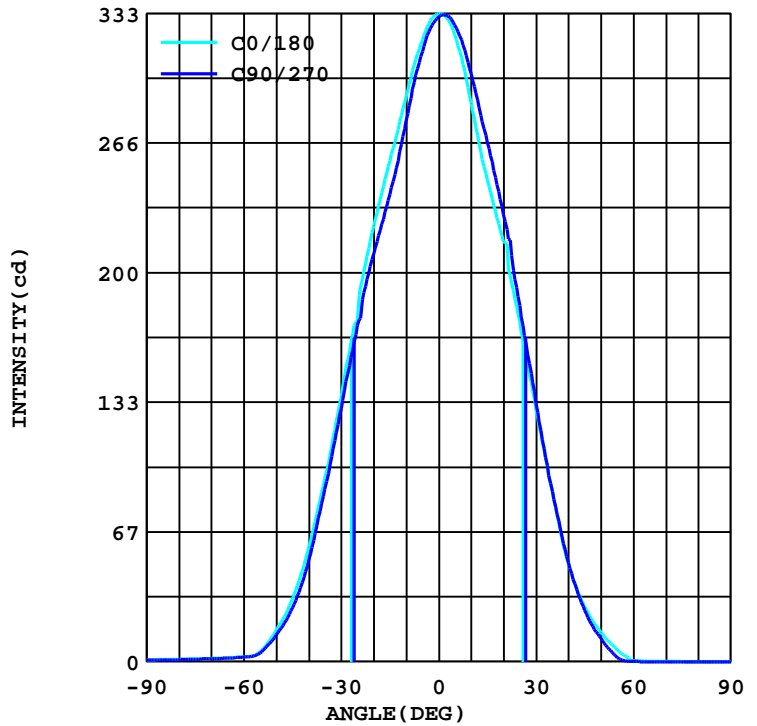
MANUFACTURER:		Address:	
NAME: SD-5-30K-SO-LV60-WH		TYPE:	WEIGHT:N/A
SPECIFICATION:		DIMENSION: 0.063X1X0.166	SERIAL No.:N/A

DATA OF LAMP		Imax(cd)	332.7	S/MH(C0/180)	0.81
MODEL	3528 LED	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.77
NOMINAL POWER(W)	5.4	TOTAL FLUX(lm)	269.02	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	48.7	Current(A)	0.228
NOMINAL FLUX(lm)	269.0	η up(%)	1.0	Power(W)	5.520
LAMPS QUANTITY	1	η down(%)	99.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	0.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



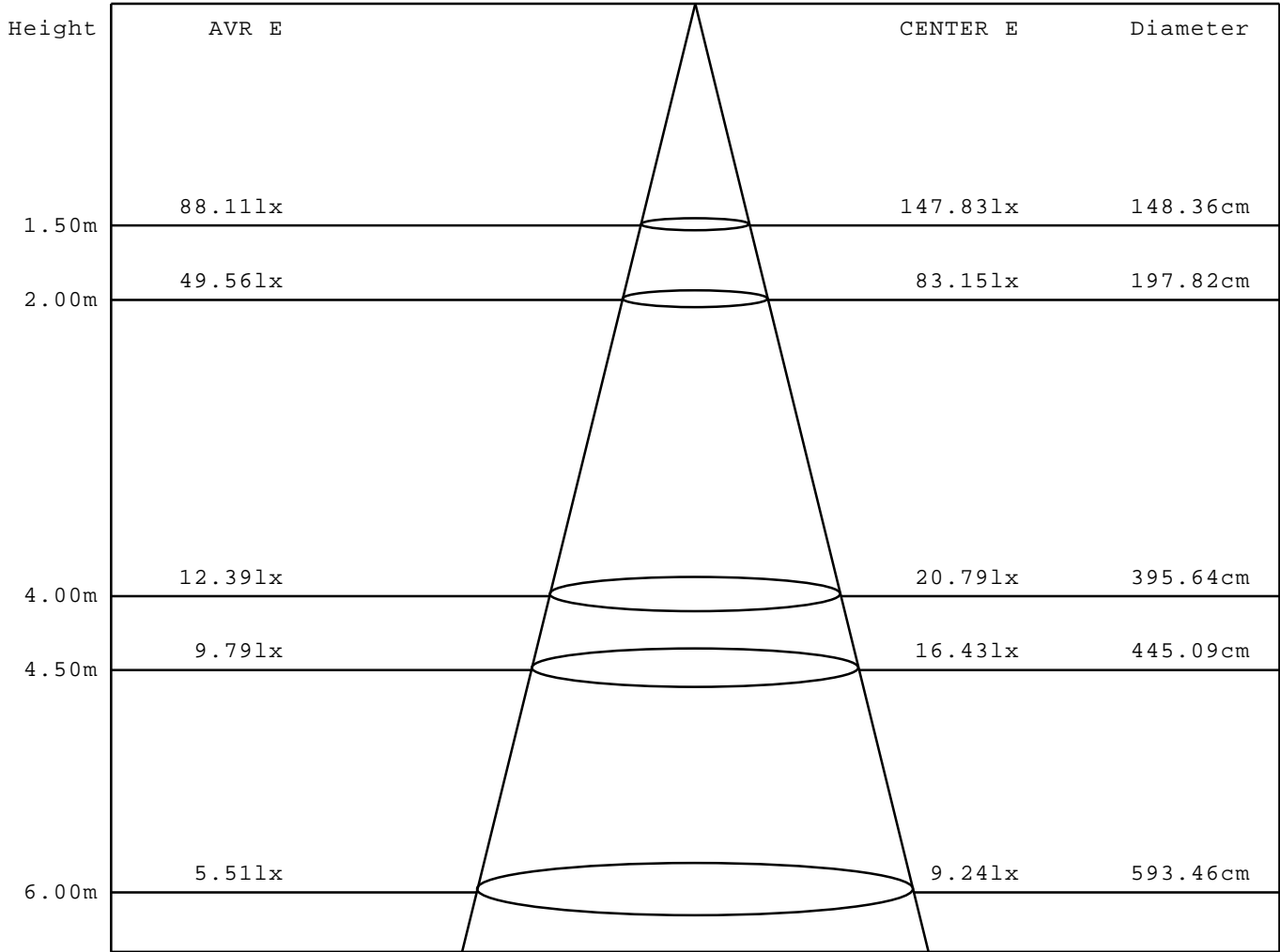
Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-5-30K-SO-LV60-WH

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: SD-5-30K-SO-LV60-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



Angle:52.6deg

Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-5-30K-SO-LV60-WH

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-5-30K-SO-LV60-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	319.1	313.8	313.2	310.3	321.6	326.5	326.7	326.5	0- 5	8	8
10.0	290.0	279.3	277.3	270.4	286.7	297.8	301.5	304.3	5- 10	22	30
15.0	257.0	242.2	240.0	231.9	247.3	260.2	266.5	272.6	10- 15	32	61
20.0	223.7	213.2	209.5	197.9	215.5	225.1	229.7	236.8	15- 20	39	100
25.0	174.9	170.9	172.6	160.0	174.4	174.9	182.6	194.8	20- 25	42	142
30.0	136.2	129.1	130.0	116.0	129.2	132.9	132.6	144.9	25- 30	39	181
35.0	93.97	87.38	88.57	74.64	87.10	88.08	87.31	99.22	30- 35	32	213
40.0	58.81	53.91	52.02	43.34	50.13	53.49	50.90	62.18	35- 40	23	236
45.0	32.49	28.49	27.65	21.77	28.14	29.19	26.32	35.22	40- 45	15	251
50.0	16.24	12.81	13.72	10.08	15.05	14.98	11.83	17.50	45- 50	8	259
55.0	5.041	4.131	4.341	3.361	5.951	6.932	2.100	7.632	50- 55	4	263
60.0	2.520	0.140	2.310	0.140	0.490	2.520	0.140	2.520	55- 60	1	264
65.0	2.030	0	1.820	0	0.280	1.960	0	1.890	60- 65	1	265
70.0	1.610	0	1.470	0	0.140	1.540	0	1.540	65- 70	0	265
75.0	1.400	0	1.190	0	0	1.330	0	1.260	70- 75	0	265
80.0	1.190	0	0.980	0	0	1.050	0	1.050	75- 80	0	266
85.0	1.050	0	0.840	0	0	0.980	0	0.910	80- 85	0	266
90.0	0.980	0	0.770	0	0.070	0.840	0	0.840	85- 90	0	266
95.0	0.840	0	0.630	0	0	0.700	0	0.700	90- 95	0	266
100.0	0.770	0	0.560	0	0.070	0.630	0	0.630	95-100	0	267
105.0	0.700	0	0.490	0	0.070	0.630	0	0.560	100-105	0	267
110.0	0.630	0	0.490	0	0.070	0.560	0	0.490	105-110	0	267
115.0	0.560	0	0.350	0	0.140	0.490	0	0.420	110-115	0	267
120.0	0.560	0	0.420	0	0.140	0.490	0	0.420	115-120	0	267
125.0	0.490	0	0.350	0	0.280	0.560	0	0.490	120-125	0	267
130.0	0.490	0	0.420	0	0.420	0.630	0	0.490	125-130	0	267
135.0	0.560	0	0.420	0	0.560	0.700	0.140	0.630	130-135	0	268
140.0	0.700	0.140	0.560	0.070	0.700	0.770	0.280	0.700	135-140	0	268
145.0	0.700	0.210	0.630	0.210	0.910	0.840	0.490	0.840	140-145	0	268
150.0	0.770	0.420	0.770	0.350	1.050	1.050	0.630	0.980	145-150	0	268
155.0	0.980	0.560	0.910	0.560	1.190	1.120	0.770	1.120	150-155	0	268
160.0	1.050	0.700	0.980	0.700	1.400	1.260	0.910	1.190	155-160	0	269
165.0	1.190	0.840	1.120	0.840	1.540	1.330	1.050	1.260	160-165	0	269
170.0	1.330	0.980	1.260	0.910	1.610	1.330	1.190	1.330	165-170	0	269
175.0	1.470	1.120	1.330	1.050	1.680	1.330	1.190	1.330	170-175	0	269
180.0	1.470	1.190	1.400	1.120	1.750	1.260	1.260	1.260	175-180	0	269
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

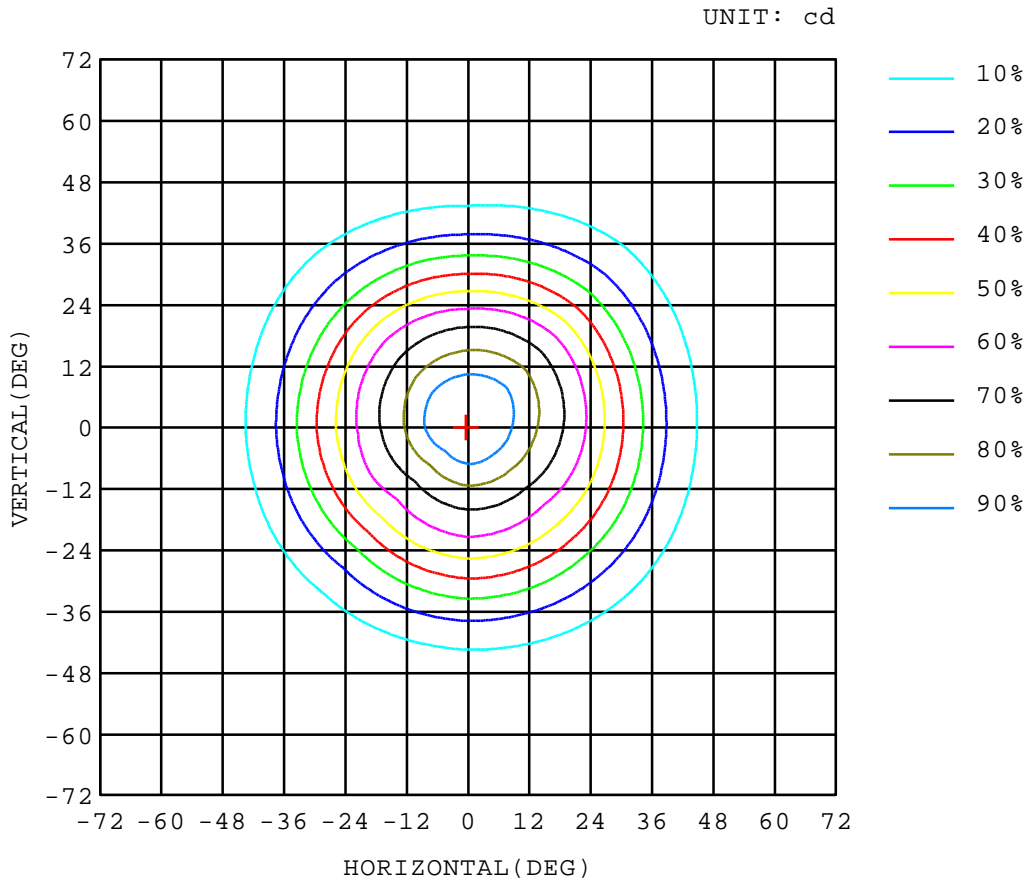
Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-5-30K-SO-LV60-WH

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-5-30K-SO-LV60-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



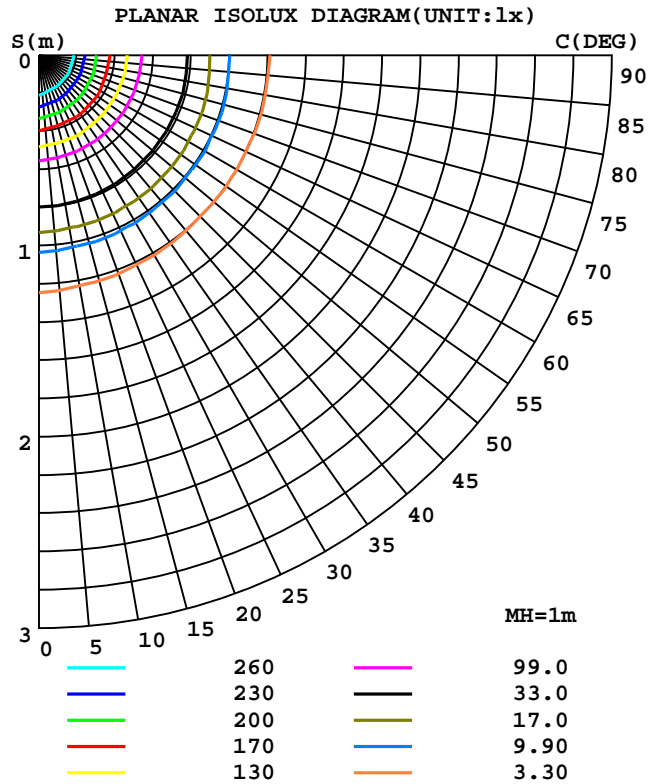
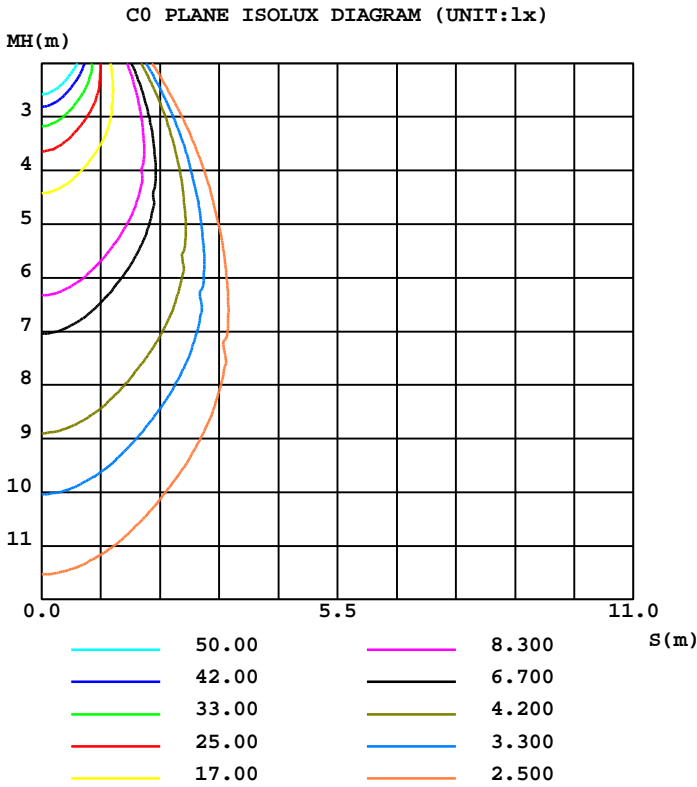
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 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-5-30K-SO-LV60-WH

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-5-30K-SO-LV60-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



Test System:HOP00
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-5-30K-SO-LV60-WH

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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: SD-5-30K-SO-LV60-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A

UNIT: cd

C(DEG)\ γ (DEG)	0	45	90	135	180	225	270	315
0.0	333	331	331	330	333	331	331	330
5.0	319	314	313	310	322	327	327	327
10.0	290	279	277	270	287	298	302	304
15.0	257	242	240	232	247	260	267	273
20.0	224	213	210	198	216	225	230	237
25.0	175	171	173	160	174	175	183	195
30.0	136	129	130	116	129	133	133	145
35.0	93.9	87.3	88.5	74.6	87.1	88.0	87.3	99.2
40.0	58.8	53.9	52.0	43.3	50.1	53.4	50.9	62.1
45.0	32.4	28.4	27.6	21.7	28.1	29.1	26.3	35.2
50.0	16.2	12.8	13.7	10.0	15.0	14.9	11.8	17.5
55.0	5.04	4.13	4.34	3.36	5.95	6.93	2.10	7.63
60.0	2.52	0.14	2.31	0.14	0.49	2.52	0.14	2.52
65.0	2.03	0.00	1.82	0.00	0.28	1.96	0.00	1.89
70.0	1.61	0.00	1.47	0.00	0.14	1.54	0.00	1.54
75.0	1.40	0.00	1.19	0.00	0.00	1.33	0.00	1.26
80.0	1.19	0.00	0.98	0.00	0.00	1.05	0.00	1.05
85.0	1.05	0.00	0.84	0.00	0.00	0.98	0.00	0.91
90.0	0.98	0.00	0.77	0.00	0.07	0.84	0.00	0.84
95.0	0.84	0.00	0.63	0.00	0.00	0.70	0.00	0.70
100.0	0.77	0.00	0.56	0.00	0.07	0.63	0.00	0.63
105.0	0.70	0.00	0.49	0.00	0.07	0.63	0.00	0.56
110.0	0.63	0.00	0.49	0.00	0.07	0.56	0.00	0.49
115.0	0.56	0.00	0.35	0.00	0.14	0.49	0.00	0.42
120.0	0.56	0.00	0.42	0.00	0.14	0.49	0.00	0.42
125.0	0.49	0.00	0.35	0.00	0.28	0.56	0.00	0.49
130.0	0.49	0.00	0.42	0.00	0.42	0.63	0.00	0.49
135.0	0.56	0.00	0.42	0.00	0.56	0.70	0.14	0.63
140.0	0.70	0.14	0.56	0.07	0.70	0.77	0.28	0.70
145.0	0.70	0.21	0.63	0.21	0.91	0.84	0.49	0.84
150.0	0.77	0.42	0.77	0.35	1.05	1.05	0.63	0.98
155.0	0.98	0.56	0.91	0.56	1.19	1.12	0.77	1.12
160.0	1.05	0.70	0.98	0.70	1.40	1.26	0.91	1.19
165.0	1.19	0.84	1.12	0.84	1.54	1.33	1.05	1.26
170.0	1.33	0.98	1.26	0.91	1.61	1.33	1.19	1.33
175.0	1.47	1.12	1.33	1.05	1.68	1.33	1.19	1.33
180.0	1.47	1.19	1.40	1.12	1.75	1.26	1.26	1.26

Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-5-30K-SO-LV60-WH