

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

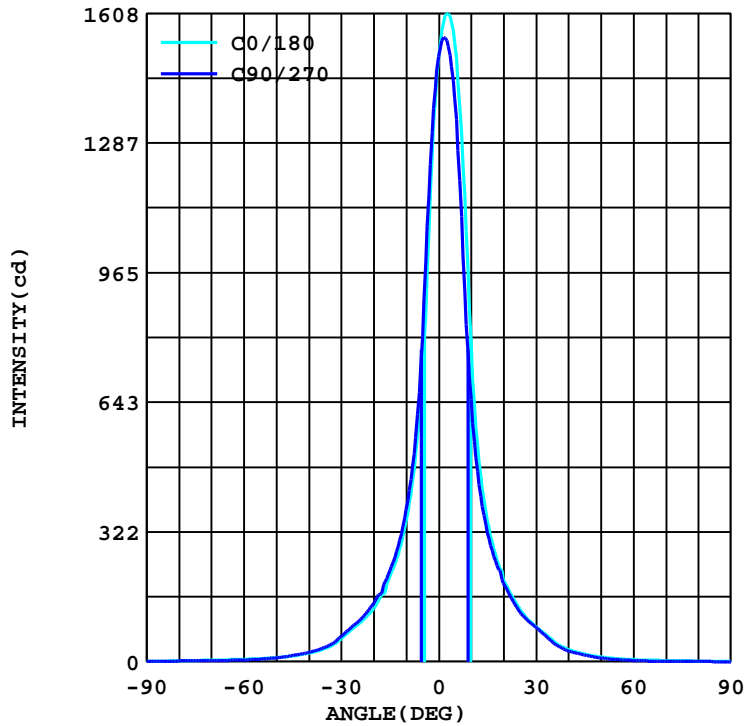
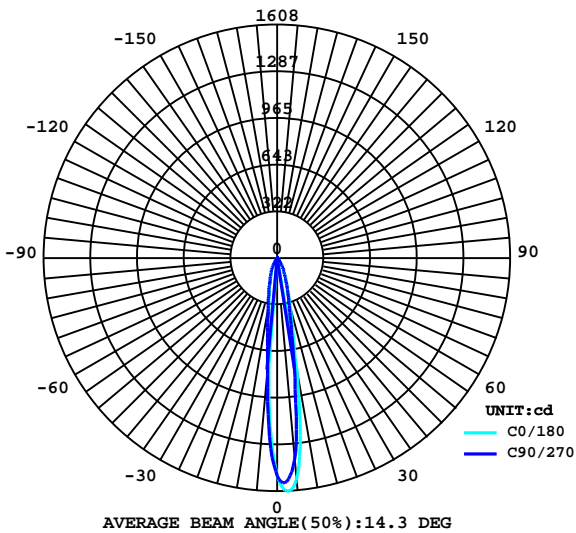
Report number:

MANUFACTURER:		Address:	
NAME: SD-3-30K-SO-15-WH		TYPE:	WEIGHT:N/A
SPECIFICATION:		DIMENSION: 0.063X1X0.166	SERIAL No.:N/A

DATA OF LAMP		Imax(cd)	1612	S/MH(C0/180)	0.17
MODEL	3528 LED	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.19
NOMINAL POWER(W)	2.6	TOTAL FLUX(lm)	274.45	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	97.0	Current(A)	0.116
NOMINAL FLUX(lm)	274.5	$\eta$ up(%)	1.3	Power(W)	2.830
LAMPS QUANTITY	1	$\eta$ down(%)	98.7	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	0.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



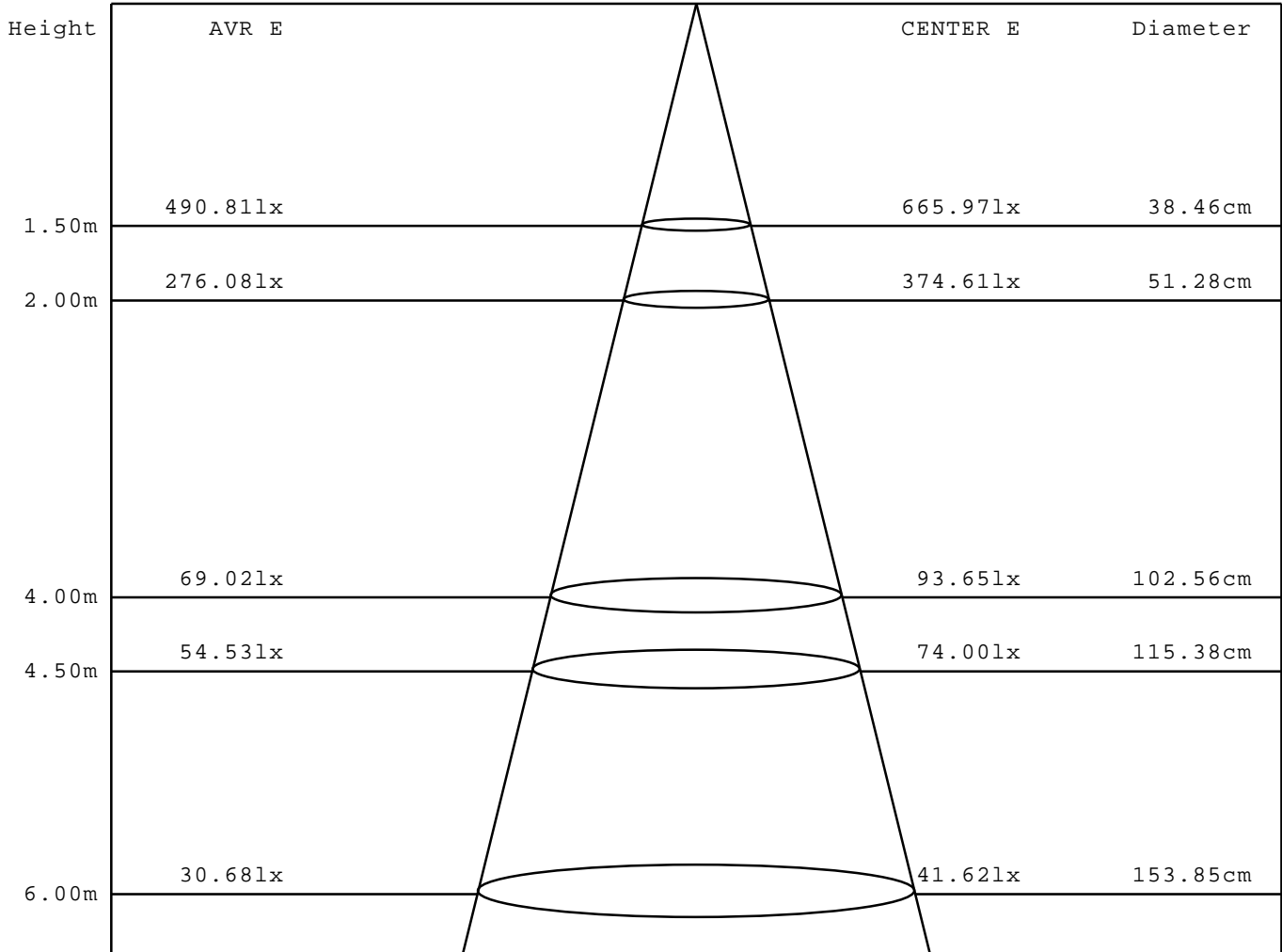
Test System:HOPOO  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-06-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.368 m  
 Remarks: SD-3-30K-SO-15-WH

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-15-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



Angle:14.6deg

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

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ZONAL FLUX DIAGRAM

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: SD-3-30K-SO-15-WH</b>	<b>TYPE:</b>	<b>WEIGHT:N/A</b>
<b>SPECIFICATION:</b>	<b>DIMENSION: 0.063X1X0.166</b>	<b>SERIAL No.:N/A</b>

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total
5.0	719.9	667.5	805.2	1091	1536	1560	1398	1147	0- 5	31	31
10.0	348.6	325.0	376.3	451.2	788.8	828.6	650.8	486.4	5- 10	56	86
15.0	211.6	193.0	226.1	253.6	349.3	379.1	320.4	274.5	10- 15	44	131
20.0	132.0	121.2	145.5	157.7	203.2	226.8	195.0	166.9	15- 20	35	166
25.0	92.01	81.99	97.82	102.1	131.2	145.2	123.8	112.9	20- 25	29	195
30.0	56.36	48.73	62.53	67.43	87.03	97.89	85.00	78.14	25- 30	23	218
35.0	32.42	27.72	35.57	38.58	54.26	62.60	49.08	43.76	30- 35	17	234
40.0	20.93	17.43	23.10	23.87	30.04	35.43	26.67	26.81	35- 40	11	245
45.0	14.00	11.13	15.33	14.77	18.83	23.31	16.52	17.99	40- 45	8	253
50.0	10.01	7.492	9.453	9.383	11.69	15.54	8.962	12.60	45- 50	5	258
55.0	7.562	5.321	6.302	6.302	7.632	10.92	5.181	9.173	50- 55	4	262
60.0	5.951	3.291	4.271	4.061	5.251	7.842	2.800	6.512	55- 60	3	265
65.0	4.761	1.750	3.011	2.310	3.851	5.391	1.400	4.481	60- 65	2	267
70.0	3.711	0.700	2.100	0.980	2.870	3.641	0.490	2.870	65- 70	1	268
75.0	2.800	0.210	1.820	0.280	2.030	2.450	0.210	1.890	70- 75	1	269
80.0	1.960	0	1.610	0.070	1.400	1.820	0.140	1.610	75- 80	1	270
85.0	1.400	0	1.260	0	0.700	1.610	0	1.330	80- 85	0	271
90.0	1.190	0	0.980	0	0.210	1.190	0	1.050	85- 90	0	271
95.0	1.050	0	0.910	0	0.140	1.050	0	0.910	90- 95	0	271
100.0	0.910	0	0.840	0	0.070	0.910	0	0.840	95-100	0	272
105.0	0.840	0	0.700	0	0.140	0.840	0	0.770	100-105	0	272
110.0	0.840	0	0.630	0	0.140	0.770	0	0.700	105-110	0	272
115.0	0.770	0	0.630	0	0.210	0.770	0	0.630	110-115	0	272
120.0	0.700	0	0.560	0	0.280	0.700	0	0.630	115-120	0	272
125.0	0.700	0	0.560	0	0.280	0.700	0	0.630	120-125	0	272
130.0	0.630	0	0.490	0	0.350	0.630	0	0.560	125-130	0	273
135.0	0.630	0.070	0.560	0	0.420	0.630	0.070	0.630	130-135	0	273
140.0	0.700	0.140	0.560	0	0.490	0.770	0.140	0.770	135-140	0	273
145.0	0.770	0.280	0.630	0.140	0.700	0.770	0.350	0.840	140-145	0	273
150.0	0.980	0.490	0.770	0.210	0.980	0.980	0.560	1.190	145-150	0	273
155.0	1.190	0.840	1.050	0.560	1.260	1.400	0.910	1.610	150-155	0	274
160.0	1.540	1.330	1.400	0.980	1.680	1.890	1.260	2.030	155-160	0	274
165.0	1.820	1.610	1.750	1.400	1.960	2.170	1.610	2.170	160-165	0	274
170.0	1.960	1.540	1.820	1.470	2.240	2.240	1.750	2.170	165-170	0	274
175.0	1.890	1.330	1.820	1.330	2.310	2.030	1.750	1.820	170-175	0	274
180.0	1.890	1.540	1.820	1.260	2.170	1.680	1.610	1.610	175-180	0	274
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

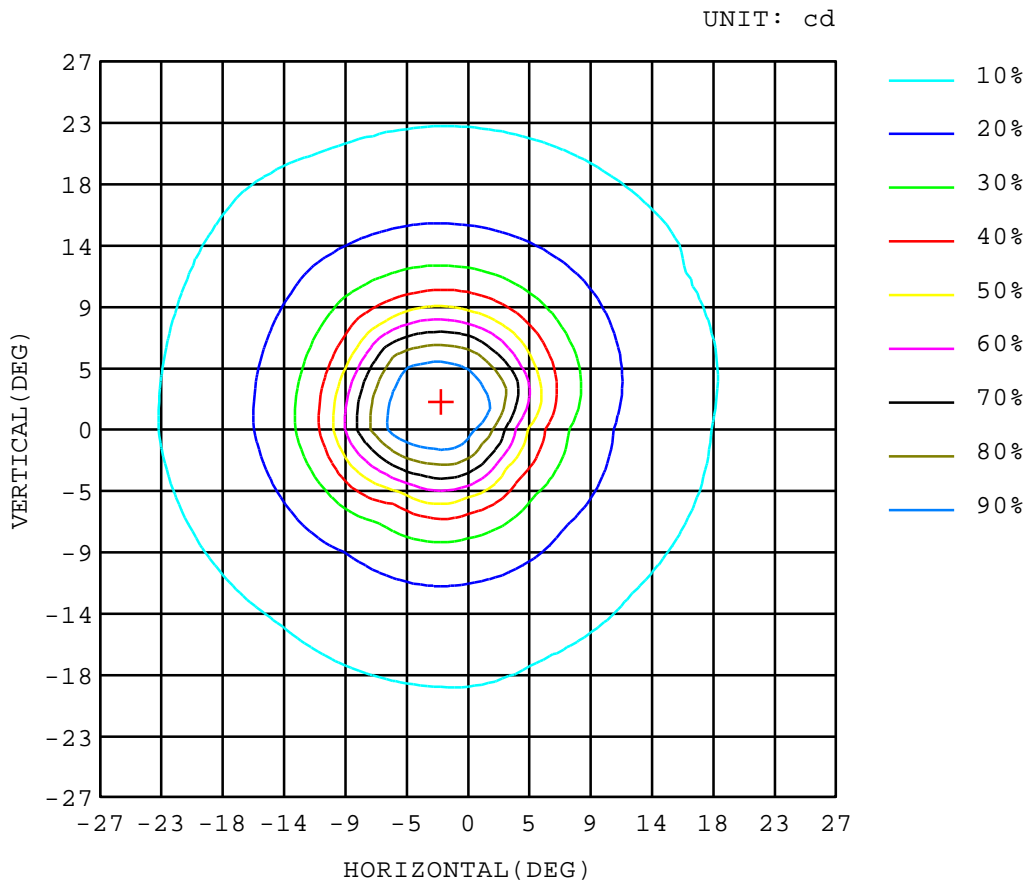
Test System:HOPOO  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-06-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.368 m  
 Remarks: SD-3-30K-SO-15-WH

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-15-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



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 Operators:  
 Test Date:06-06-2022

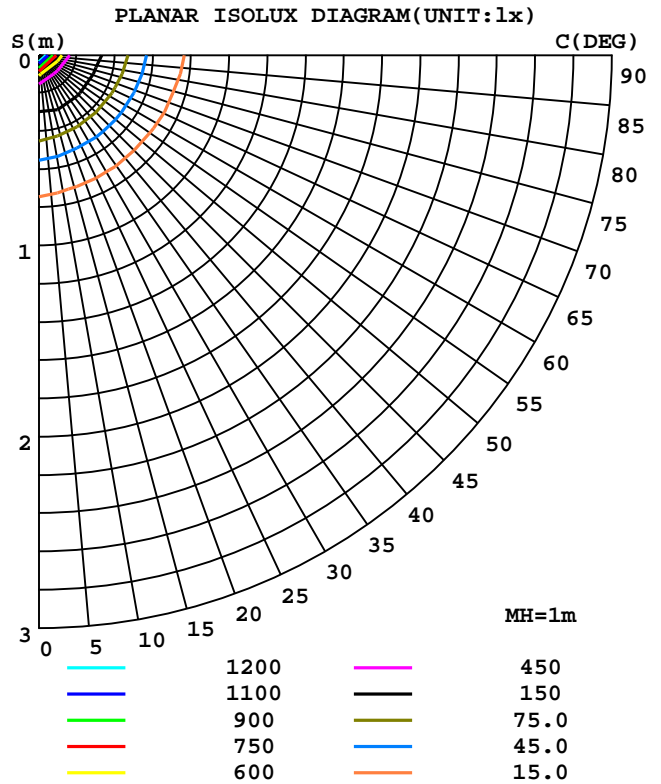
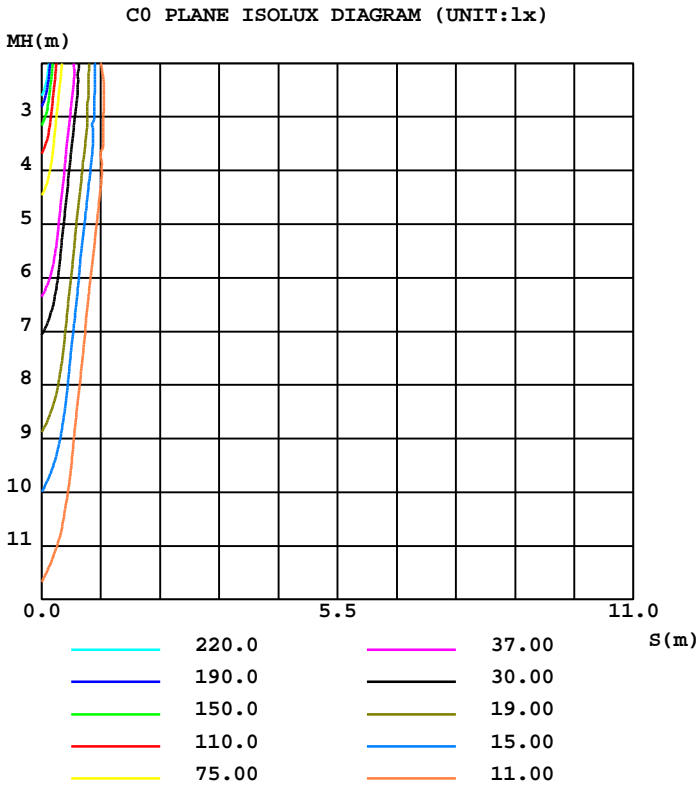
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 Remarks: SD-3-30K-SO-15-WH

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ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-15-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



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

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.368 m  
 Remarks: SD-3-30K-SO-15-WH

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: SD-3-30K-SO-15-WH</b>	<b>TYPE:</b>	<b>WEIGHT:N/A</b>
<b>SPECIFICATION:</b>	<b>DIMENSION: 0.063X1X0.166</b>	<b>SERIAL No.:N/A</b>

UNIT: cd

C(DEG)\ γ (DEG)	0	45	90	135	180	225	270	315
0.0	1498	1474	1501	1529	1498	1474	1501	1529
5.0	720	668	805	1091	1536	1560	1398	1147
10.0	349	325	376	451	789	829	651	486
15.0	212	193	226	254	349	379	320	275
20.0	132	121	146	158	203	227	195	167
25.0	92.0	81.9	97.8	102	131	145	124	113
30.0	56.3	48.7	62.5	67.4	87.0	97.8	85.0	78.1
35.0	32.4	27.7	35.5	38.5	54.2	62.6	49.0	43.7
40.0	20.9	17.4	23.1	23.8	30.0	35.4	26.6	26.8
45.0	14.0	11.1	15.3	14.7	18.8	23.3	16.5	17.9
50.0	10.0	7.49	9.45	9.38	11.6	15.5	8.96	12.6
55.0	7.56	5.32	6.30	6.30	7.63	10.9	5.18	9.17
60.0	5.95	3.29	4.27	4.06	5.25	7.84	2.80	6.51
65.0	4.76	1.75	3.01	2.31	3.85	5.39	1.40	4.48
70.0	3.71	0.70	2.10	0.98	2.87	3.64	0.49	2.87
75.0	2.80	0.21	1.82	0.28	2.03	2.45	0.21	1.89
80.0	1.96	0.00	1.61	0.07	1.40	1.82	0.14	1.61
85.0	1.40	0.00	1.26	0.00	0.70	1.61	0.00	1.33
90.0	1.19	0.00	0.98	0.00	0.21	1.19	0.00	1.05
95.0	1.05	0.00	0.91	0.00	0.14	1.05	0.00	0.91
100.0	0.91	0.00	0.84	0.00	0.07	0.91	0.00	0.84
105.0	0.84	0.00	0.70	0.00	0.14	0.84	0.00	0.77
110.0	0.84	0.00	0.63	0.00	0.14	0.77	0.00	0.70
115.0	0.77	0.00	0.63	0.00	0.21	0.77	0.00	0.63
120.0	0.70	0.00	0.56	0.00	0.28	0.70	0.00	0.63
125.0	0.70	0.00	0.56	0.00	0.28	0.70	0.00	0.63
130.0	0.63	0.00	0.49	0.00	0.35	0.63	0.00	0.56
135.0	0.63	0.07	0.56	0.00	0.42	0.63	0.07	0.63
140.0	0.70	0.14	0.56	0.00	0.49	0.77	0.14	0.77
145.0	0.77	0.28	0.63	0.14	0.70	0.77	0.35	0.84
150.0	0.98	0.49	0.77	0.21	0.98	0.98	0.56	1.19
155.0	1.19	0.84	1.05	0.56	1.26	1.40	0.91	1.61
160.0	1.54	1.33	1.40	0.98	1.68	1.89	1.26	2.03
165.0	1.82	1.61	1.75	1.40	1.96	2.17	1.61	2.17
170.0	1.96	1.54	1.82	1.47	2.24	2.24	1.75	2.17
175.0	1.89	1.33	1.82	1.33	2.31	2.03	1.75	1.82
180.0	1.89	1.54	1.82	1.26	2.17	1.68	1.61	1.61

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 Operators:  
 Test Date:06-06-2022

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 Humidity:65.0%  
 Test Distance:8.368 m  
 Remarks: SD-3-30K-SO-15-WH