

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

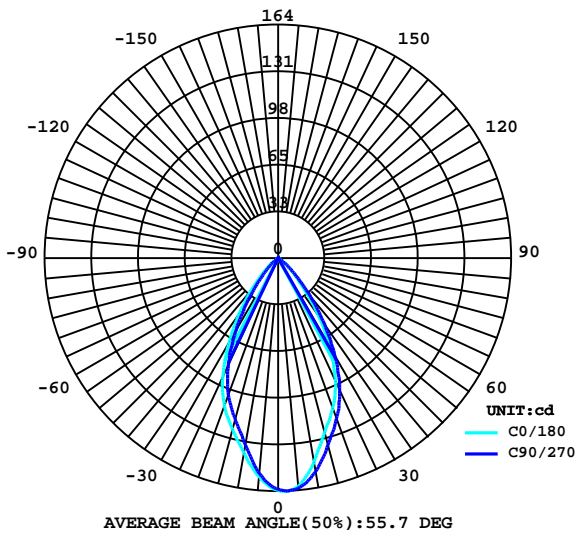
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

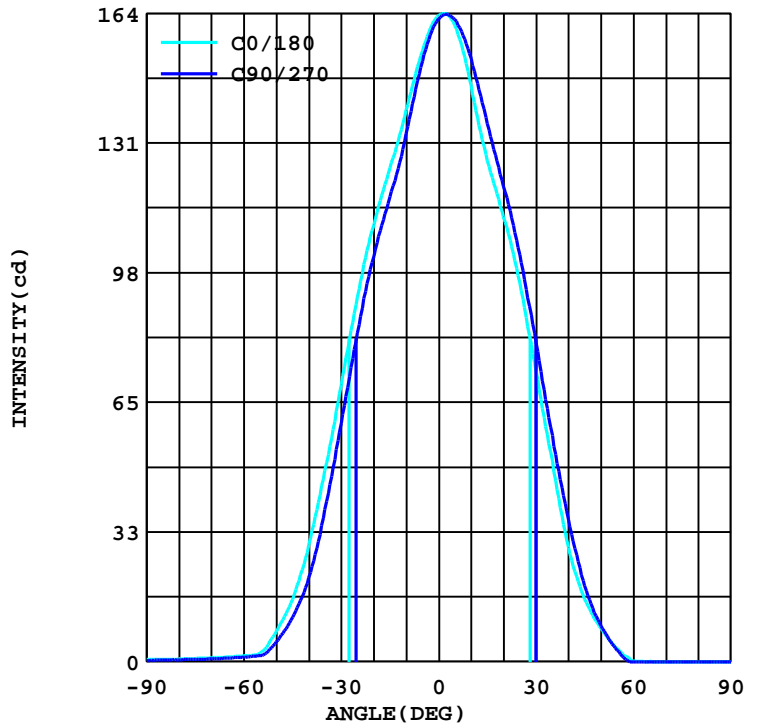
MANUFACTURER:		Address:	
NAME: SD-3-30K-SO-LV60-WH		TYPE:	WEIGHT:N/A
SPECIFICATION:		DIMENSION: 0.063X1X0.166	SERIAL No.:N/A

DATA OF LAMP		I <sub>max</sub> (cd)	164.1	S/MH(C0/180)	0.82
MODEL	3528 LED	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.76
NOMINAL POWER(W)	2.6	TOTAL FLUX(lm)	139.35	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	49.6	Current(A)	0.116
NOMINAL FLUX(lm)	139.4	η up(%)	0.7	Power(W)	2.810
LAMPS QUANTITY	1	η down(%)	99.3	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	0.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



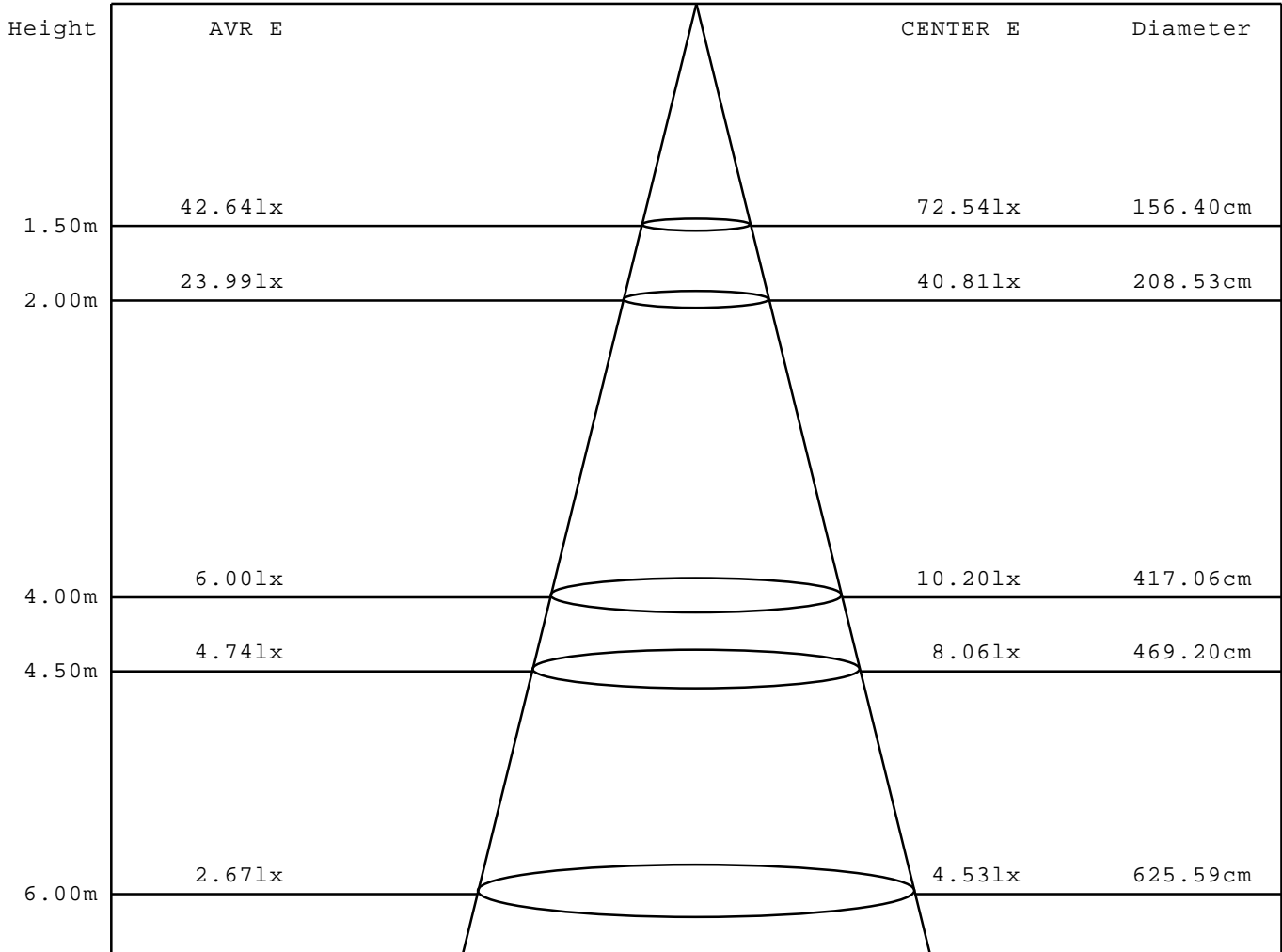
Test System:HOPOO  
 Temperature:25.3DEG  
 Operators:  
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.368 m  
 Remarks: SD-3-30K-SO-LV60-WH

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-LV60-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



Angle:55.1deg

Test System:HOPOO  
 Temperature:25.3DEG  
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HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: SD-3-30K-SO-LV60-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	154.2	150.1	151.7	152.1	160.7	163.4	162.1	159.3	0- 5	4	4
10.0	139.2	132.7	133.2	133.0	145.4	153.0	152.3	148.0	5- 10	11	14
15.0	124.6	116.5	117.3	116.0	126.5	135.6	135.7	133.6	10- 15	16	30
20.0	110.3	101.0	102.3	101.1	112.3	120.4	120.0	119.4	15- 20	19	50
25.0	92.08	81.64	83.04	81.08	95.58	104.3	102.6	103.1	20- 25	21	71
30.0	69.95	59.44	60.22	57.48	73.38	82.27	80.66	81.64	25- 30	21	92
35.0	48.17	38.86	38.44	36.20	50.62	58.04	57.13	58.53	30- 35	17	109
40.0	29.54	22.54	21.28	19.67	28.77	36.62	35.78	37.74	35- 40	13	122
45.0	15.82	10.71	11.20	9.453	15.75	20.65	19.18	22.19	40- 45	8	130
50.0	7.562	4.341	4.971	4.061	8.332	10.85	9.033	11.27	45- 50	5	134
55.0	2.240	0.630	1.540	0.910	3.291	5.391	2.870	5.111	50- 55	2	137
60.0	1.470	0	1.190	0	0.210	2.100	0	1.610	55- 60	1	137
65.0	1.190	0	0.910	0	0.070	1.190	0	1.120	60- 65	0	138
70.0	0.980	0	0.700	0	0	0.910	0	0.910	65- 70	0	138
75.0	0.770	0	0.560	0	0	0.700	0	0.630	70- 75	0	138
80.0	0.700	0	0.420	0	0	0.630	0	0.560	75- 80	0	138
85.0	0.630	0	0.350	0	0	0.490	0	0.420	80- 85	0	138
90.0	0.490	0	0.280	0	0	0.420	0	0.350	85- 90	0	138
95.0	0.420	0	0.210	0	0	0.350	0	0.350	90- 95	0	139
100.0	0.420	0	0.140	0	0	0.280	0	0.210	95-100	0	139
105.0	0.350	0	0.140	0	0	0.210	0	0.210	100-105	0	139
110.0	0.280	0	0.140	0	0	0.140	0	0.140	105-110	0	139
115.0	0.280	0	0.070	0	0	0.140	0	0.140	110-115	0	139
120.0	0.210	0	0.070	0	0	0.140	0	0.070	115-120	0	139
125.0	0.210	0	0	0	0.070	0.140	0	0.070	120-125	0	139
130.0	0.210	0	0	0	0.140	0.140	0	0.140	125-130	0	139
135.0	0.280	0	0.070	0	0.210	0.210	0	0.070	130-135	0	139
140.0	0.280	0	0.140	0	0.350	0.210	0	0.140	135-140	0	139
145.0	0.280	0	0.210	0	0.420	0.280	0	0.210	140-145	0	139
150.0	0.350	0.070	0.210	0	0.560	0.350	0.070	0.280	145-150	0	139
155.0	0.420	0.140	0.350	0	0.490	0.420	0.210	0.350	150-155	0	139
160.0	0.490	0.210	0.350	0.070	0.630	0.420	0.210	0.420	155-160	0	139
165.0	0.490	0.280	0.420	0.140	0.770	0.490	0.280	0.490	160-165	0	139
170.0	0.560	0.350	0.490	0.210	0.770	0.490	0.350	0.490	165-170	0	139
175.0	0.630	0.350	0.490	0.280	0.840	0.490	0.350	0.490	170-175	0	139
180.0	0.630	0.420	0.490	0.350	0.910	0.490	0.420	0.490	175-180	0	139
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

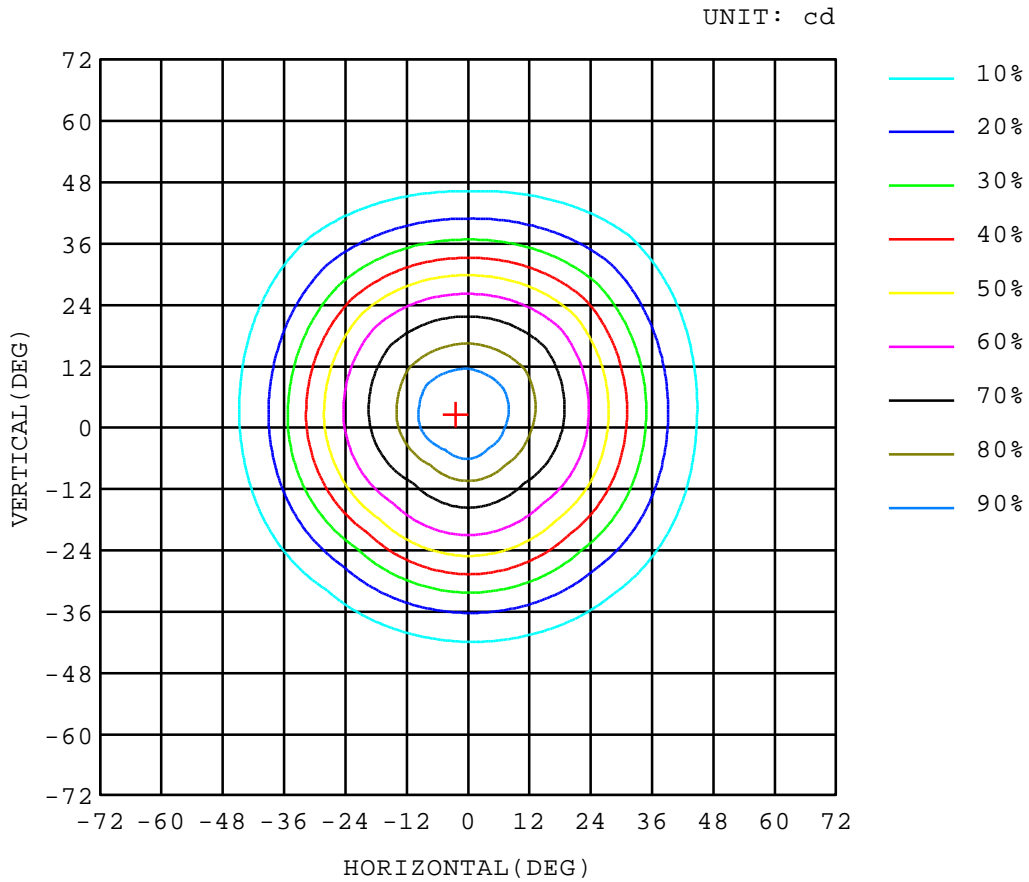
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 Temperature:25.3DEG  
 Operators:  
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.368 m  
 Remarks: SD-3-30K-SO-LV60-WH

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-LV60-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



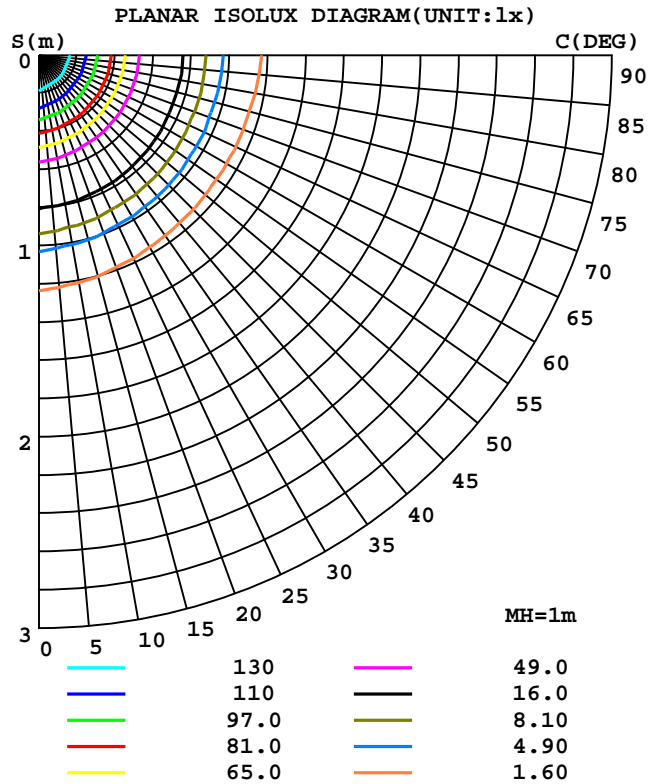
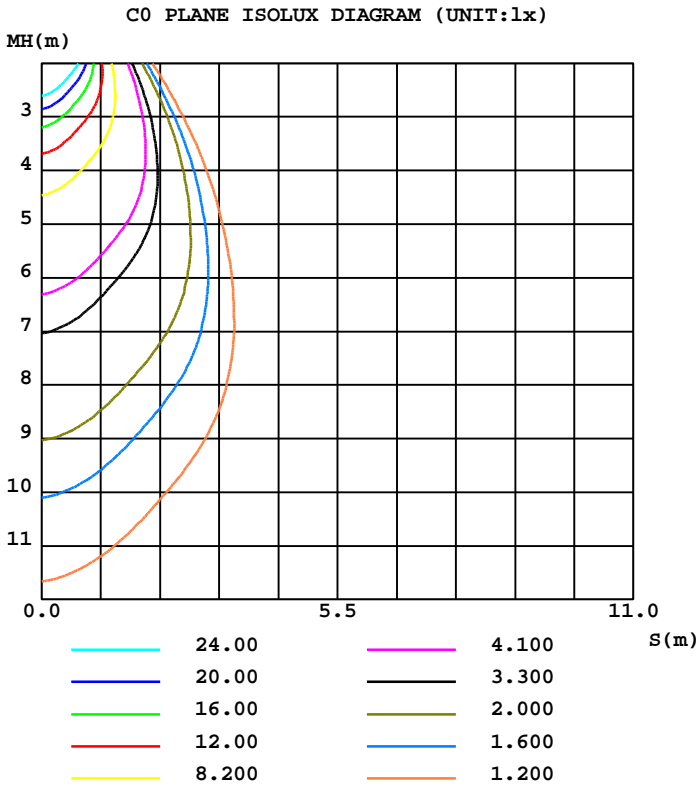
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 Temperature:25.3DEG  
 Operators:  
 Test Date:06-07-2022

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 Remarks: SD-3-30K-SO-LV60-WH

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-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-3-30K-SO-LV60-WH

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: SD-3-30K-SO-LV60-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	163	162	162	162	163	162	162	162
5.0	154	150	152	152	161	163	162	159
10.0	139	133	133	133	145	153	152	148
15.0	125	117	117	116	127	136	136	134
20.0	110	101	102	101	112	120	120	119
25.0	92.0	81.6	83.0	81.0	95.5	104	103	103
30.0	69.9	59.4	60.2	57.4	73.3	82.2	80.6	81.6
35.0	48.1	38.8	38.4	36.2	50.6	58.0	57.1	58.5
40.0	29.5	22.5	21.2	19.6	28.7	36.6	35.7	37.7
45.0	15.8	10.7	11.2	9.45	15.7	20.6	19.1	22.1
50.0	7.56	4.34	4.97	4.06	8.33	10.8	9.03	11.2
55.0	2.24	0.63	1.54	0.91	3.29	5.39	2.87	5.11
60.0	1.47	0.00	1.19	0.00	0.21	2.10	0.00	1.61
65.0	1.19	0.00	0.91	0.00	0.07	1.19	0.00	1.12
70.0	0.98	0.00	0.70	0.00	0.00	0.91	0.00	0.91
75.0	0.77	0.00	0.56	0.00	0.00	0.70	0.00	0.63
80.0	0.70	0.00	0.42	0.00	0.00	0.63	0.00	0.56
85.0	0.63	0.00	0.35	0.00	0.00	0.49	0.00	0.42
90.0	0.49	0.00	0.28	0.00	0.00	0.42	0.00	0.35
95.0	0.42	0.00	0.21	0.00	0.00	0.35	0.00	0.35
100.0	0.42	0.00	0.14	0.00	0.00	0.28	0.00	0.21
105.0	0.35	0.00	0.14	0.00	0.00	0.21	0.00	0.21
110.0	0.28	0.00	0.14	0.00	0.00	0.14	0.00	0.14
115.0	0.28	0.00	0.07	0.00	0.00	0.14	0.00	0.14
120.0	0.21	0.00	0.07	0.00	0.00	0.14	0.00	0.07
125.0	0.21	0.00	0.00	0.00	0.07	0.14	0.00	0.07
130.0	0.21	0.00	0.00	0.00	0.14	0.14	0.00	0.14
135.0	0.28	0.00	0.07	0.00	0.21	0.21	0.00	0.07
140.0	0.28	0.00	0.14	0.00	0.35	0.21	0.00	0.14
145.0	0.28	0.00	0.21	0.00	0.42	0.28	0.00	0.21
150.0	0.35	0.07	0.21	0.00	0.56	0.35	0.07	0.28
155.0	0.42	0.14	0.35	0.00	0.49	0.42	0.21	0.35
160.0	0.49	0.21	0.35	0.07	0.63	0.42	0.21	0.42
165.0	0.49	0.28	0.42	0.14	0.77	0.49	0.28	0.49
170.0	0.56	0.35	0.49	0.21	0.77	0.49	0.35	0.49
175.0	0.63	0.35	0.49	0.28	0.84	0.49	0.35	0.49
180.0	0.63	0.42	0.49	0.35	0.91	0.49	0.42	0.49

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 Temperature:25.3DEG  
 Operators:  
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