

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

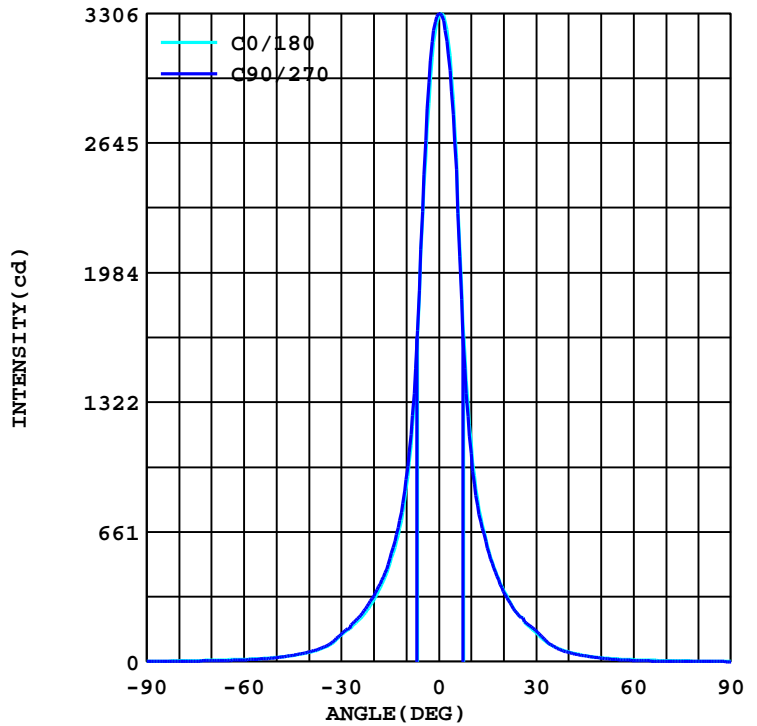
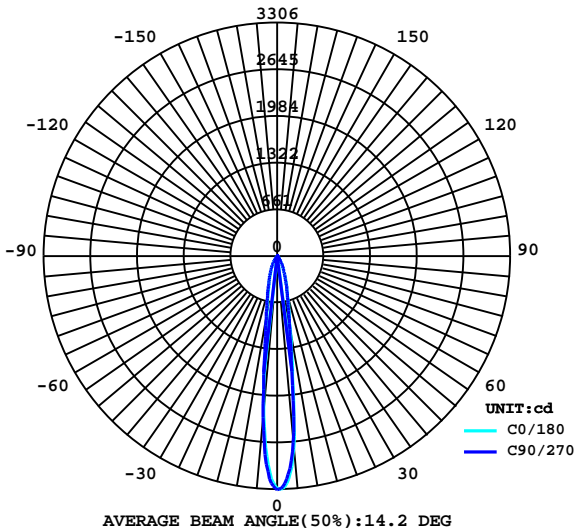
Report number:

MANUFACTURER:		Address:	
NAME: SD-5-30K-SO-15-WH		TYPE:	WEIGHT:N/A
SPECIFICATION:		DIMENSION: 0.063X1X0.166	SERIAL No.:N/A

DATA OF LAMP		Imax(cd)	3309	S/MH(C0/180)	0.23
MODEL	3528 LED	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.23
NOMINAL POWER(W)	5.4	TOTAL FLUX(lm)	546.40	Voltage(V)	23.99
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	98.6	Current(A)	0.229
NOMINAL FLUX(lm)	546.4	η up(%)	1.2	Power(W)	5.540
LAMPS QUANTITY	1	η down(%)	98.8	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	0.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



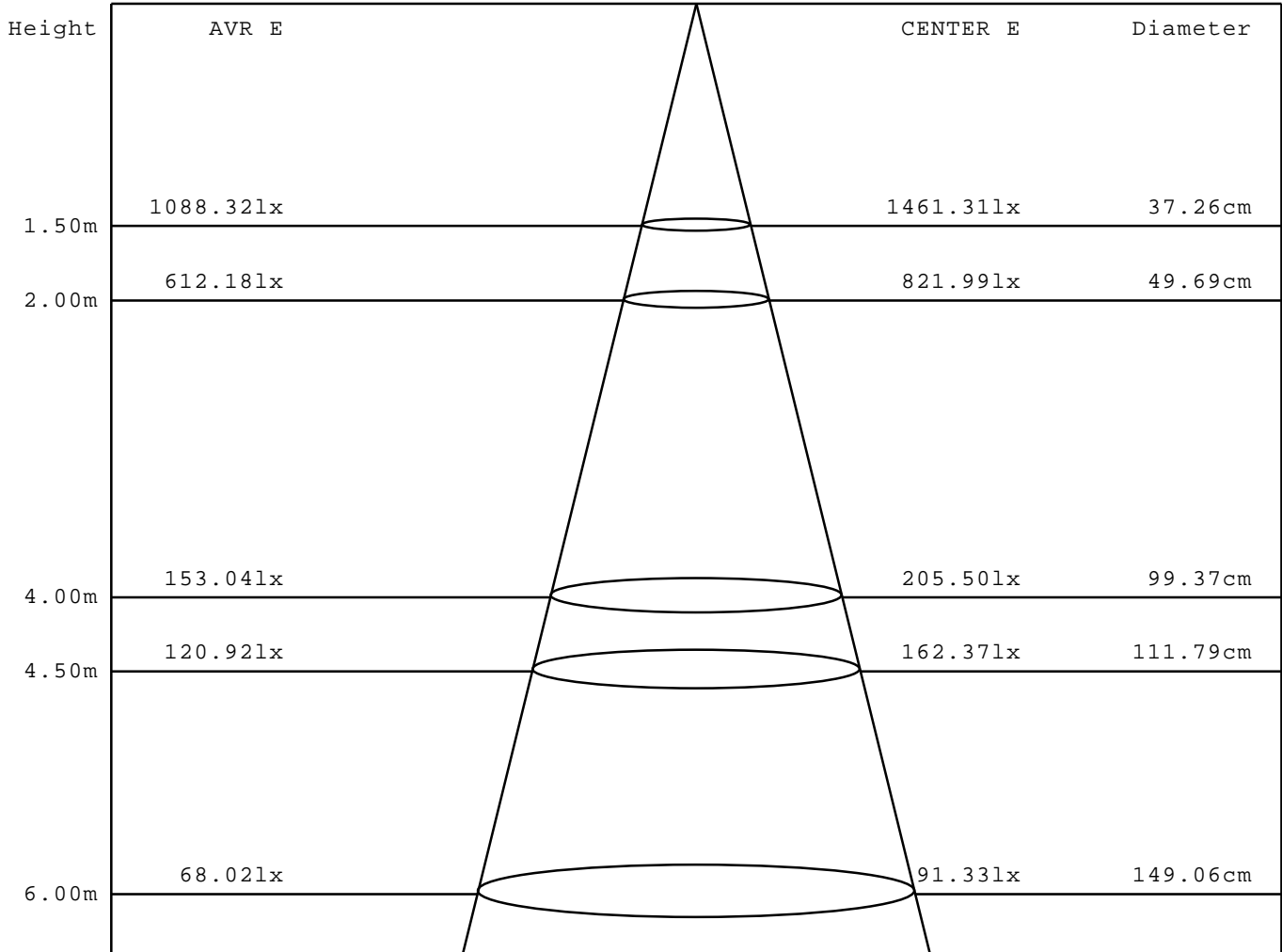
Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-5-30K-SO-15-WH

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: SD-5-30K-SO-15-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



Angle:14.2deg

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-15-WH

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-5-30K-SO-15-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	2259	2283	2297	2309	2730	2713	2653	2671	0- 5	69	69
10.0	879.1	878.9	927.6	923.7	1115	1102	1061	1072	5- 10	109	178
15.0	500.3	491.1	526.2	522.6	591.6	599.5	579.0	582.5	10- 15	85	264
20.0	313.6	308.1	335.9	328.6	365.8	374.4	358.3	362.8	15- 20	71	335
25.0	205.8	194.6	218.8	204.0	229.3	242.4	231.5	234.9	20- 25	58	393
30.0	134.8	124.9	139.9	128.4	147.1	160.9	157.4	159.5	25- 30	46	438
35.0	72.33	67.85	76.74	72.33	80.59	89.20	82.34	87.94	30- 35	32	470
40.0	46.84	43.62	49.15	46.35	49.64	54.96	46.70	53.28	35- 40	21	490
45.0	31.16	28.14	32.49	28.98	31.09	36.48	29.68	35.85	40- 45	15	505
50.0	21.49	18.55	20.02	18.97	20.02	25.06	17.57	24.78	45- 50	10	515
55.0	15.61	12.88	13.37	13.16	13.65	18.20	10.22	17.99	50- 55	8	523
60.0	12.04	8.542	8.892	8.612	9.873	13.09	5.951	12.95	55- 60	6	528
65.0	9.593	5.461	5.951	5.461	7.422	8.962	3.291	8.962	60- 65	4	533
70.0	7.492	2.660	3.501	2.660	5.601	5.671	1.330	5.531	65- 70	3	535
75.0	5.671	0.910	3.151	0.910	3.921	3.501	0.910	3.361	70- 75	2	537
80.0	4.061	0.560	2.730	0.630	2.590	2.660	0.700	2.730	75- 80	1	538
85.0	2.520	0.280	2.100	0.350	1.260	2.240	0.350	2.170	80- 85	1	539
90.0	1.610	0	1.540	0	0.210	1.610	0	1.540	85- 90	1	540
95.0	1.470	0	1.400	0	0.210	1.470	0	1.400	90- 95	0	540
100.0	1.400	0	1.260	0	0.210	1.400	0	1.330	95-100	0	541
105.0	1.260	0	1.190	0	0.280	1.260	0	1.190	100-105	0	541
110.0	1.190	0	1.120	0	0.280	1.120	0	1.190	105-110	0	541
115.0	1.050	0	0.980	0	0.280	1.120	0	1.120	110-115	0	542
120.0	0.980	0	0.980	0	0.350	1.050	0.070	1.050	115-120	0	542
125.0	1.050	0.070	0.910	0.070	0.420	1.050	0.140	1.050	120-125	0	542
130.0	0.980	0.210	0.910	0.140	0.560	1.050	0.280	1.050	125-130	0	543
135.0	0.980	0.280	0.980	0.280	0.770	1.190	0.490	1.190	130-135	0	543
140.0	1.120	0.420	1.050	0.420	0.980	1.330	0.700	1.400	135-140	0	543
145.0	1.330	0.630	1.190	0.630	1.400	1.680	1.120	1.680	140-145	0	544
150.0	1.470	0.980	1.470	0.910	1.890	2.240	1.610	2.310	145-150	0	544
155.0	1.960	1.540	1.890	1.540	2.590	3.221	2.380	3.291	150-155	0	544
160.0	2.660	2.450	2.590	2.450	3.291	3.991	3.081	4.061	155-160	1	545
165.0	3.361	3.291	3.361	3.221	3.851	4.551	3.641	4.551	160-165	1	546
170.0	3.781	3.431	3.781	3.431	4.201	4.481	3.991	4.481	165-170	0	546
175.0	3.711	3.081	3.711	3.081	4.131	3.851	3.781	3.851	170-175	0	546
180.0	3.711	3.081	3.641	3.081	3.921	3.361	3.431	3.361	175-180	0	546
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

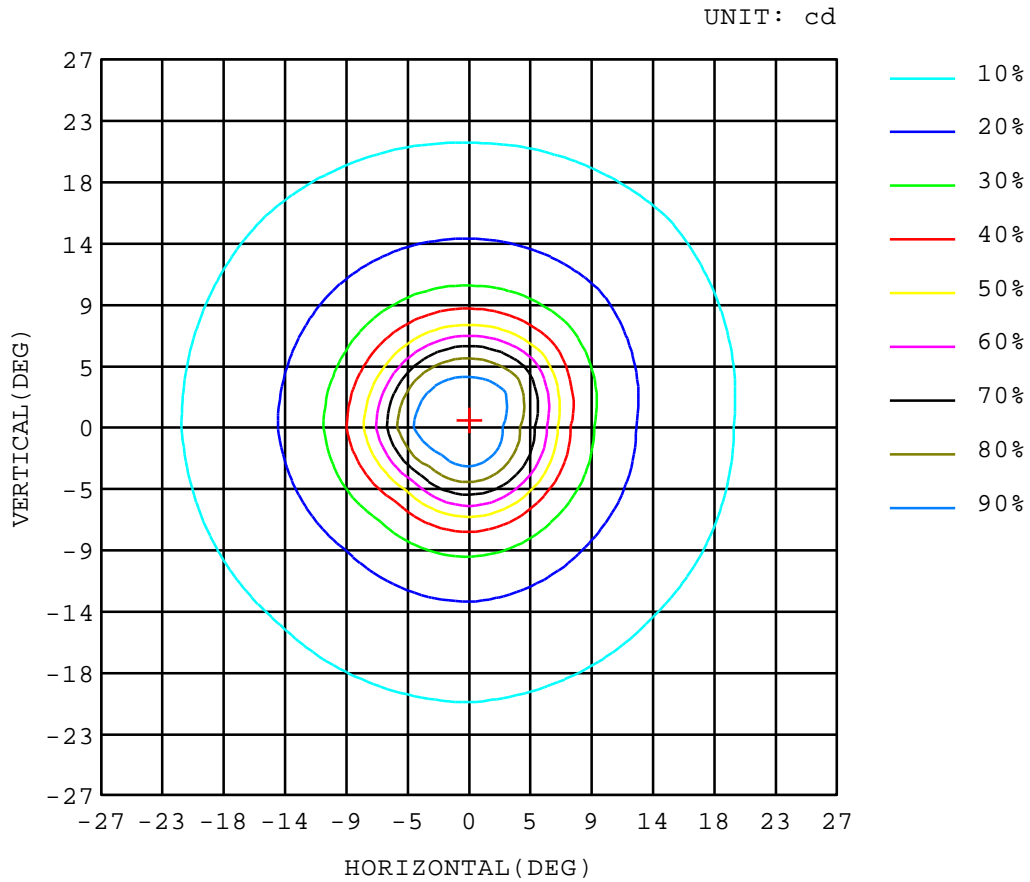
Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-5-30K-SO-15-WH

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-5-30K-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:06-07-2022

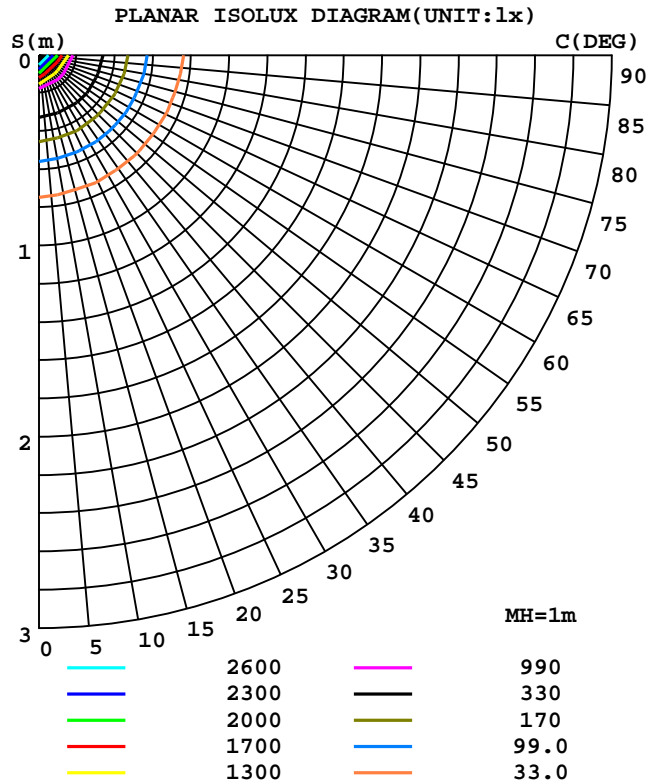
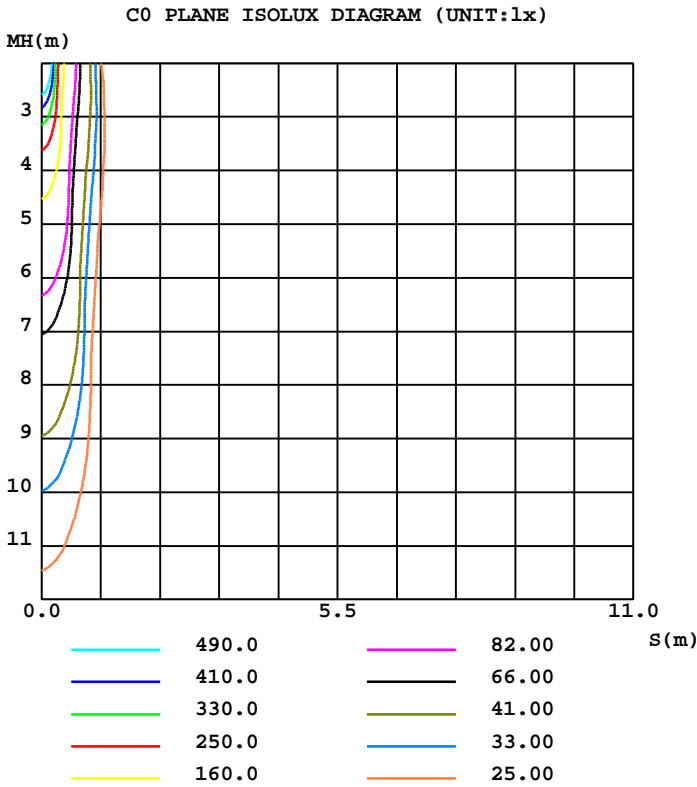
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-5-30K-SO-15-WH

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-5-30K-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:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-5-30K-SO-15-WH

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: SD-5-30K-SO-15-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	3288	3293	3306	3306	3288	3293	3306	3306
5.0	2259	2283	2297	2309	2730	2713	2653	2671
10.0	879	879	928	924	1115	1102	1061	1072
15.0	500	491	526	523	592	600	579	583
20.0	314	308	336	329	366	374	358	363
25.0	206	195	219	204	229	242	232	235
30.0	135	125	140	128	147	161	157	160
35.0	72.3	67.8	76.7	72.3	80.5	89.2	82.3	87.9
40.0	46.8	43.6	49.1	46.3	49.6	54.9	46.7	53.2
45.0	31.1	28.1	32.4	28.9	31.0	36.4	29.6	35.8
50.0	21.4	18.5	20.0	18.9	20.0	25.0	17.5	24.7
55.0	15.6	12.8	13.3	13.1	13.6	18.2	10.2	17.9
60.0	12.0	8.54	8.89	8.61	9.87	13.0	5.95	12.9
65.0	9.59	5.46	5.95	5.46	7.42	8.96	3.29	8.96
70.0	7.49	2.66	3.50	2.66	5.60	5.67	1.33	5.53
75.0	5.67	0.91	3.15	0.91	3.92	3.50	0.91	3.36
80.0	4.06	0.56	2.73	0.63	2.59	2.66	0.70	2.73
85.0	2.52	0.28	2.10	0.35	1.26	2.24	0.35	2.17
90.0	1.61	0.00	1.54	0.00	0.21	1.61	0.00	1.54
95.0	1.47	0.00	1.40	0.00	0.21	1.47	0.00	1.40
100.0	1.40	0.00	1.26	0.00	0.21	1.40	0.00	1.33
105.0	1.26	0.00	1.19	0.00	0.28	1.26	0.00	1.19
110.0	1.19	0.00	1.12	0.00	0.28	1.12	0.00	1.19
115.0	1.05	0.00	0.98	0.00	0.28	1.12	0.00	1.12
120.0	0.98	0.00	0.98	0.00	0.35	1.05	0.07	1.05
125.0	1.05	0.07	0.91	0.07	0.42	1.05	0.14	1.05
130.0	0.98	0.21	0.91	0.14	0.56	1.05	0.28	1.05
135.0	0.98	0.28	0.98	0.28	0.77	1.19	0.49	1.19
140.0	1.12	0.42	1.05	0.42	0.98	1.33	0.70	1.40
145.0	1.33	0.63	1.19	0.63	1.40	1.68	1.12	1.68
150.0	1.47	0.98	1.47	0.91	1.89	2.24	1.61	2.31
155.0	1.96	1.54	1.89	1.54	2.59	3.22	2.38	3.29
160.0	2.66	2.45	2.59	2.45	3.29	3.99	3.08	4.06
165.0	3.36	3.29	3.36	3.22	3.85	4.55	3.64	4.55
170.0	3.78	3.43	3.78	3.43	4.20	4.48	3.99	4.48
175.0	3.71	3.08	3.71	3.08	4.13	3.85	3.78	3.85
180.0	3.71	3.08	3.64	3.08	3.92	3.36	3.43	3.36

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

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