

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

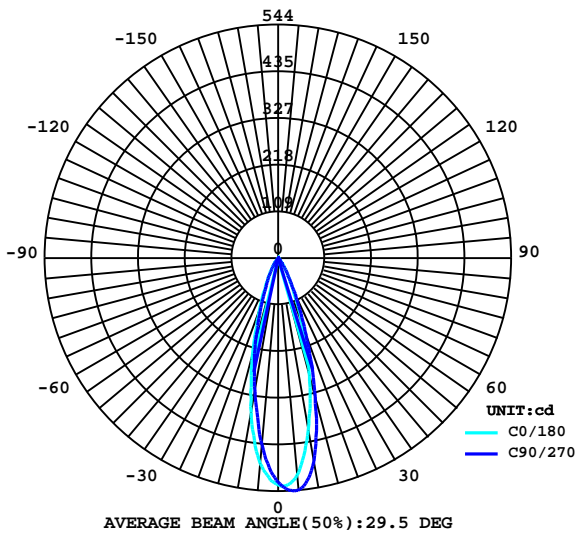
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

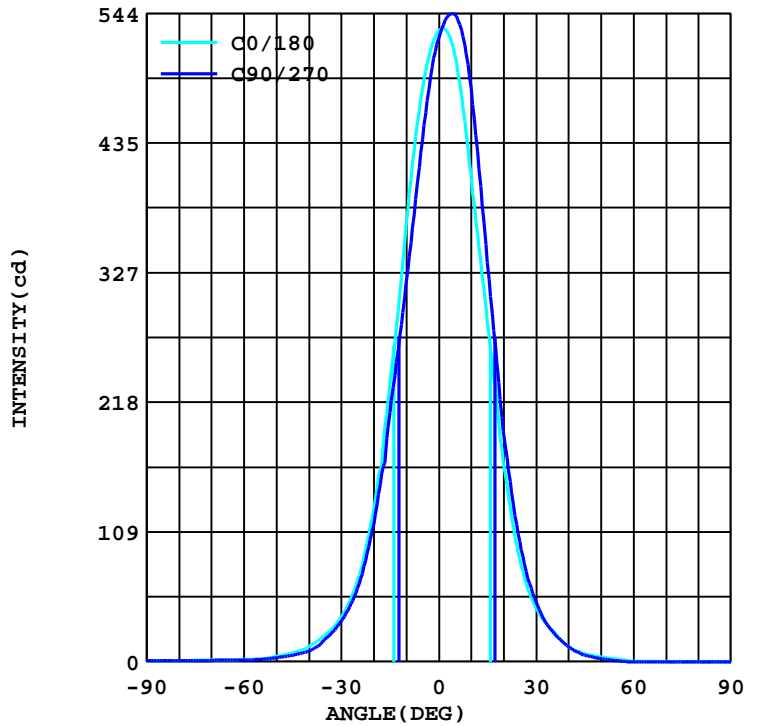
MANUFACTURER:		Address:	
NAME: SD-3-30K-SO-LV30-WH		TYPE:	WEIGHT:N/A
SPECIFICATION:		DIMENSION: 0.063X1X0.166	SERIAL No.:N/A

DATA OF LAMP		I _{max} (cd)	544.3	S/MH(C0/180)	0.46
MODEL	3528 LED	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.41
NOMINAL POWER(W)	3	TOTAL FLUX(lm)	178.60	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	63.3	Current(A)	0.116
NOMINAL FLUX(lm)	178.6	η up(%)	1.2	Power(W)	2.820
LAMPS QUANTITY	1	η down(%)	98.8	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	0.0	EI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



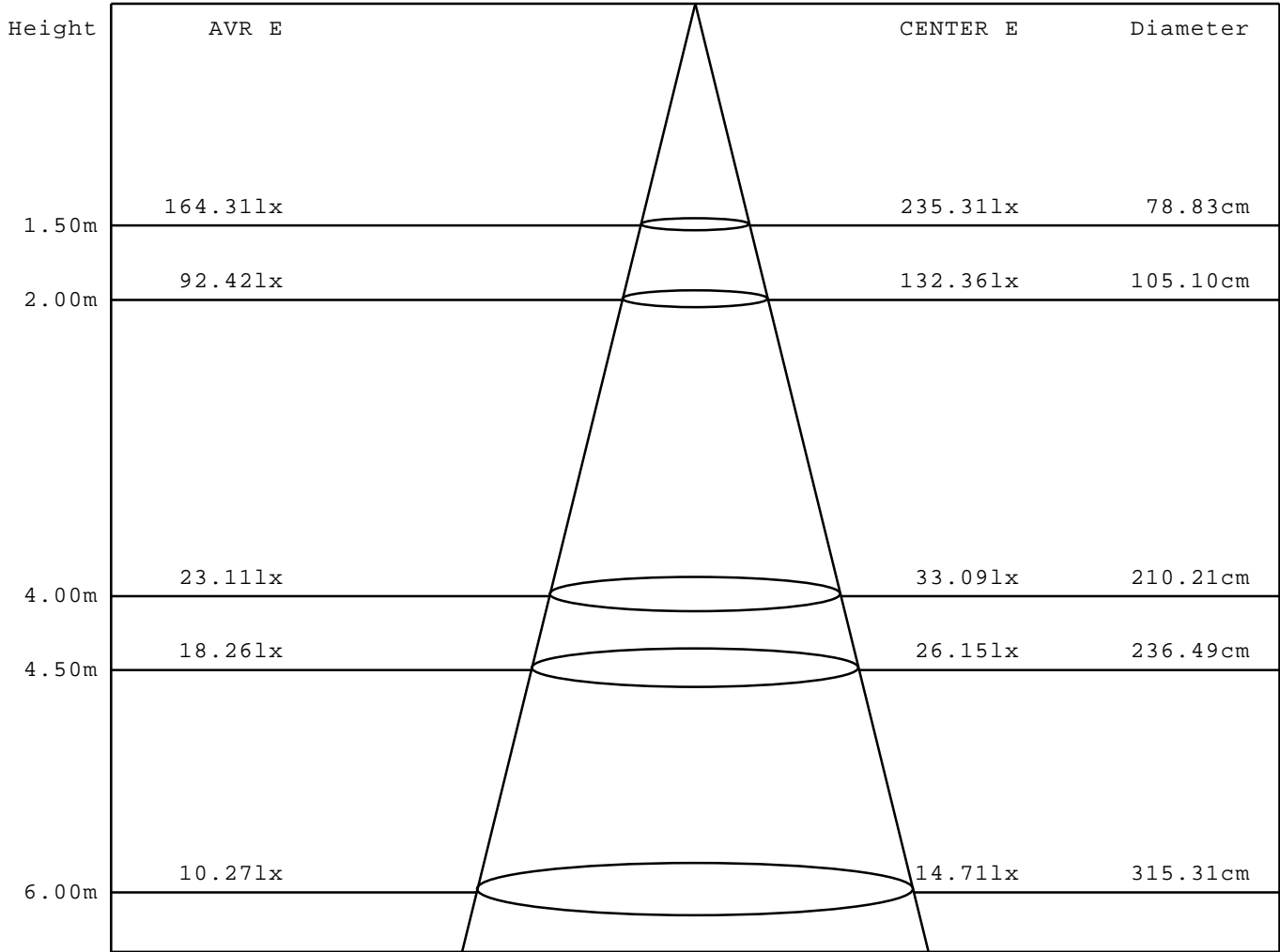
Test System:HOPOO
 Temperature:23.2DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:40.6%
 Test Distance:8.368 m
 Remarks: SD-3-30K-SO-LV30-WH

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-LV30-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



Angle:29.4deg

Test System:HOPOO
 Temperature:23.2DEG
 Operators:
 Test Date:06-07-2022

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HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-LV30-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	480.9	444.4	438.5	445.4	509.6	540.8	543.5	524.3	0- 5	12	12
10.0	365.9	320.0	317.1	325.3	407.8	469.3	481.3	452.0	5- 10	32	44
15.0	232.6	200.1	209.2	215.4	285.1	337.1	335.2	310.8	10- 15	39	82
20.0	128.0	108.3	116.0	116.7	167.6	205.0	193.2	178.4	15- 20	34	116
25.0	67.92	55.52	61.55	59.58	85.98	107.1	100.5	95.79	20- 25	23	139
30.0	37.46	29.33	33.96	31.44	45.09	54.19	50.06	49.92	25- 30	15	154
35.0	22.19	15.68	18.62	16.59	26.53	29.19	25.55	27.44	30- 35	9	163
40.0	12.60	7.702	9.033	7.072	12.39	16.17	12.74	15.54	35- 40	6	168
45.0	7.282	3.151	5.321	3.221	6.862	8.472	5.531	8.752	40- 45	3	171
50.0	4.341	1.190	3.221	1.400	3.991	5.111	2.520	4.901	45- 50	2	173
55.0	2.100	0.140	1.890	0.350	2.170	3.221	0.700	2.870	50- 55	1	174
60.0	1.680	0	1.470	0	0.280	2.030	0	1.610	55- 60	1	175
65.0	1.470	0	1.260	0	0.070	1.470	0	1.330	60- 65	0	175
70.0	1.260	0	1.050	0	0.070	1.260	0	1.120	65- 70	0	176
75.0	1.120	0	0.910	0	0	1.050	0	0.980	70- 75	0	176
80.0	0.980	0	0.840	0	0.070	0.910	0	0.840	75- 80	0	176
85.0	0.840	0	0.700	0	0	0.840	0	0.700	80- 85	0	176
90.0	0.770	0	0.560	0	0	0.700	0	0.630	85- 90	0	177
95.0	0.700	0	0.490	0	0.070	0.560	0	0.560	90- 95	0	177
100.0	0.630	0	0.490	0	0.070	0.560	0	0.560	95-100	0	177
105.0	0.560	0	0.420	0	0.070	0.490	0	0.420	100-105	0	177
110.0	0.560	0	0.350	0	0	0.420	0	0.350	105-110	0	177
115.0	0.490	0	0.280	0	0.140	0.420	0	0.350	110-115	0	177
120.0	0.490	0	0.280	0	0.140	0.350	0	0.280	115-120	0	177
125.0	0.350	0	0.280	0	0.140	0.350	0	0.280	120-125	0	177
130.0	0.350	0	0.280	0	0.210	0.280	0	0.280	125-130	0	178
135.0	0.350	0	0.210	0	0.280	0.350	0	0.280	130-135	0	178
140.0	0.350	0	0.280	0	0.420	0.350	0	0.350	135-140	0	178
145.0	0.490	0.070	0.350	0	0.490	0.490	0.070	0.490	140-145	0	178
150.0	0.560	0.280	0.490	0.140	0.770	0.700	0.280	0.630	145-150	0	178
155.0	0.770	0.490	0.700	0.350	1.050	0.910	0.490	0.910	150-155	0	178
160.0	0.980	0.630	0.910	0.560	1.260	1.120	0.700	1.050	155-160	0	178
165.0	1.120	0.840	1.120	0.700	1.540	1.260	0.980	1.190	160-165	0	178
170.0	1.260	0.980	1.120	0.840	1.680	1.330	1.190	1.260	165-170	0	178
175.0	1.400	1.050	1.260	0.910	1.680	1.330	1.260	1.260	170-175	0	179
180.0	1.470	1.190	1.330	1.050	1.750	1.260	1.190	1.190	175-180	0	179
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

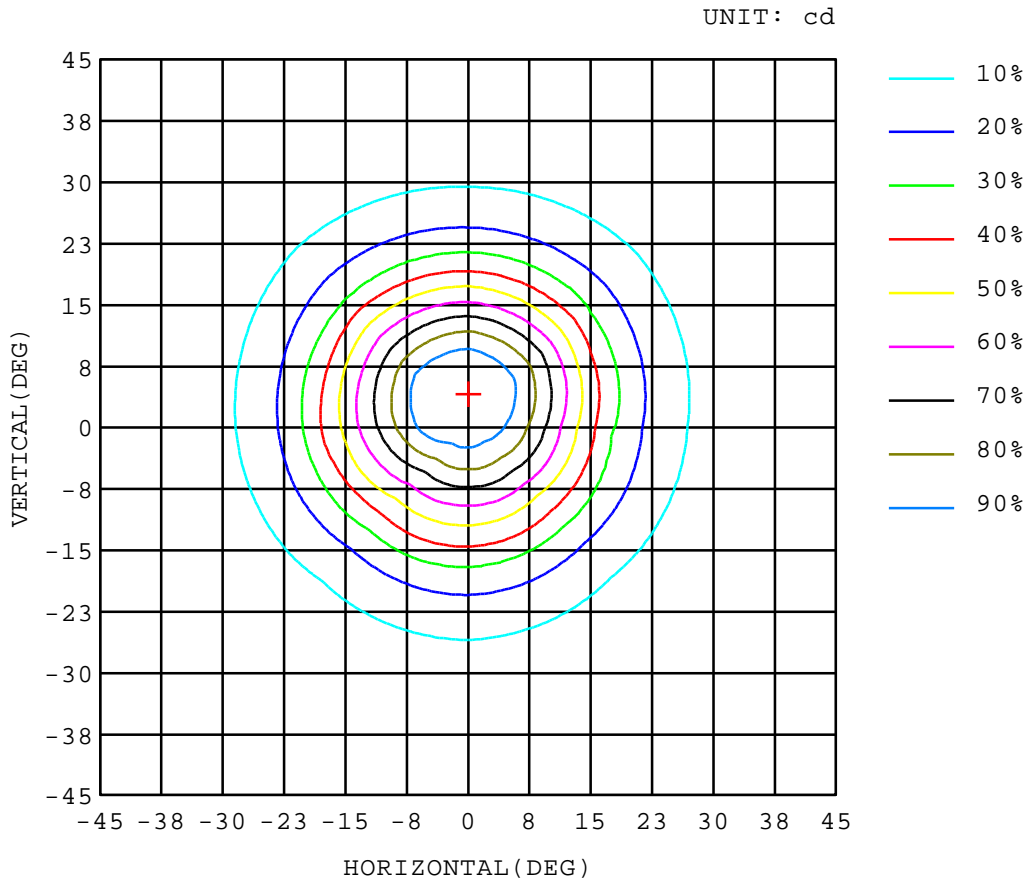
Test System:HOPOO
 Temperature:23.2DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:40.6%
 Test Distance:8.368 m
 Remarks: SD-3-30K-SO-LV30-WH

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-LV30-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



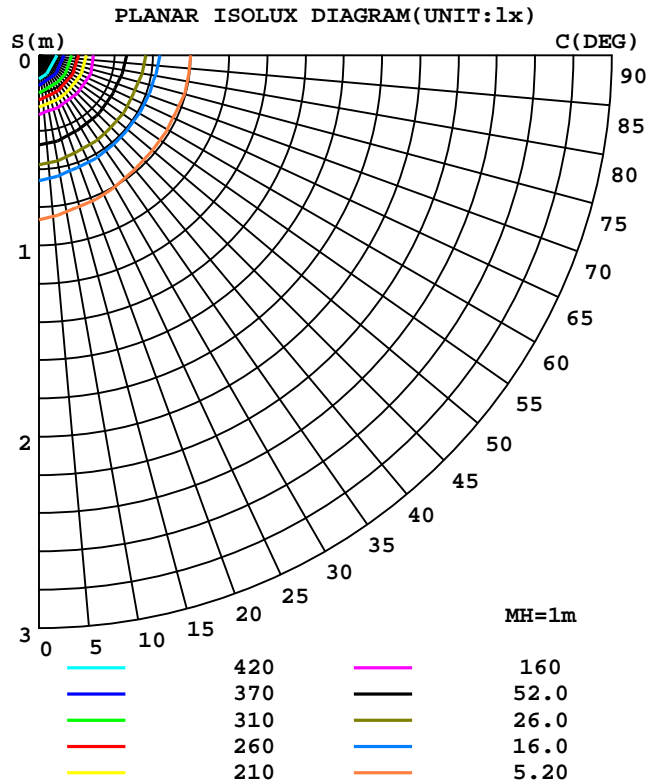
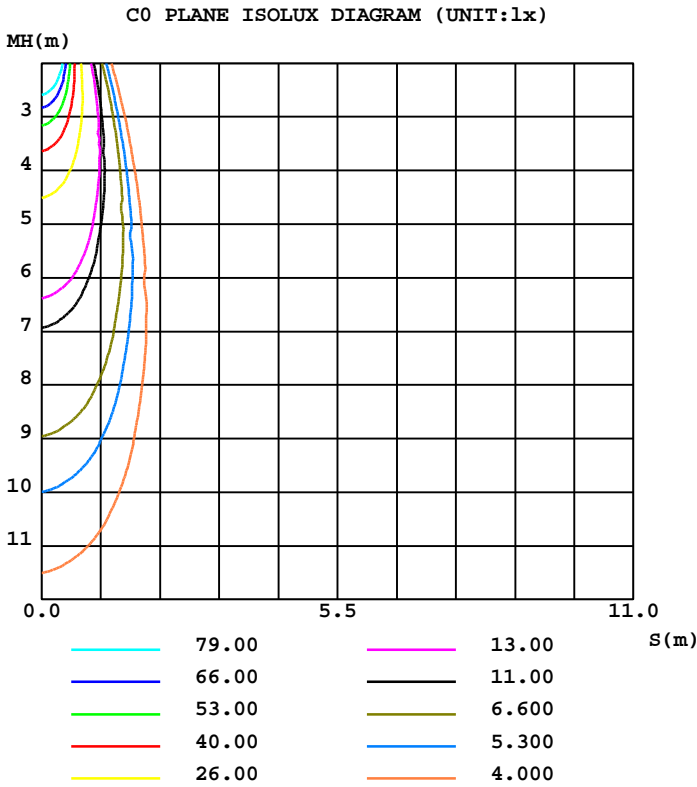
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 Remarks: SD-3-30K-SO-LV30-WH

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-LV30-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



Test System:HOPOO
 Temperature:23.2DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
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 Test Distance:8.368 m
 Remarks: SD-3-30K-SO-LV30-WH

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LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

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NAME: SD-3-30K-SO-LV30-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	529	523	523	522	529	523	523	522
5.0	481	444	439	445	510	541	544	524
10.0	366	320	317	325	408	469	481	452
15.0	233	200	209	215	285	337	335	311
20.0	128	108	116	117	168	205	193	178
25.0	67.9	55.5	61.5	59.5	85.9	107	101	95.7
30.0	37.4	29.3	33.9	31.4	45.0	54.1	50.0	49.9
35.0	22.1	15.6	18.6	16.5	26.5	29.1	25.5	27.4
40.0	12.6	7.70	9.03	7.07	12.3	16.1	12.7	15.5
45.0	7.28	3.15	5.32	3.22	6.86	8.47	5.53	8.75
50.0	4.34	1.19	3.22	1.40	3.99	5.11	2.52	4.90
55.0	2.10	0.14	1.89	0.35	2.17	3.22	0.70	2.87
60.0	1.68	0.00	1.47	0.00	0.28	2.03	0.00	1.61
65.0	1.47	0.00	1.26	0.00	0.07	1.47	0.00	1.33
70.0	1.26	0.00	1.05	0.00	0.07	1.26	0.00	1.12
75.0	1.12	0.00	0.91	0.00	0.00	1.05	0.00	0.98
80.0	0.98	0.00	0.84	0.00	0.07	0.91	0.00	0.84
85.0	0.84	0.00	0.70	0.00	0.00	0.84	0.00	0.70
90.0	0.77	0.00	0.56	0.00	0.00	0.70	0.00	0.63
95.0	0.70	0.00	0.49	0.00	0.07	0.56	0.00	0.56
100.0	0.63	0.00	0.49	0.00	0.07	0.56	0.00	0.56
105.0	0.56	0.00	0.42	0.00	0.07	0.49	0.00	0.42
110.0	0.56	0.00	0.35	0.00	0.00	0.42	0.00	0.35
115.0	0.49	0.00	0.28	0.00	0.14	0.42	0.00	0.35
120.0	0.49	0.00	0.28	0.00	0.14	0.35	0.00	0.28
125.0	0.35	0.00	0.28	0.00	0.14	0.35	0.00	0.28
130.0	0.35	0.00	0.28	0.00	0.21	0.28	0.00	0.28
135.0	0.35	0.00	0.21	0.00	0.28	0.35	0.00	0.28
140.0	0.35	0.00	0.28	0.00	0.42	0.35	0.00	0.35
145.0	0.49	0.07	0.35	0.00	0.49	0.49	0.07	0.49
150.0	0.56	0.28	0.49	0.14	0.77	0.70	0.28	0.63
155.0	0.77	0.49	0.70	0.35	1.05	0.91	0.49	0.91
160.0	0.98	0.63	0.91	0.56	1.26	1.12	0.70	1.05
165.0	1.12	0.84	1.12	0.70	1.54	1.26	0.98	1.19
170.0	1.26	0.98	1.12	0.84	1.68	1.33	1.19	1.26
175.0	1.40	1.05	1.26	0.91	1.68	1.33	1.26	1.26
180.0	1.47	1.19	1.33	1.05	1.75	1.26	1.19	1.19

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 Operators:
 Test Date:06-07-2022

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 Humidity:40.6%
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 Remarks: SD-3-30K-SO-LV30-WH