

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

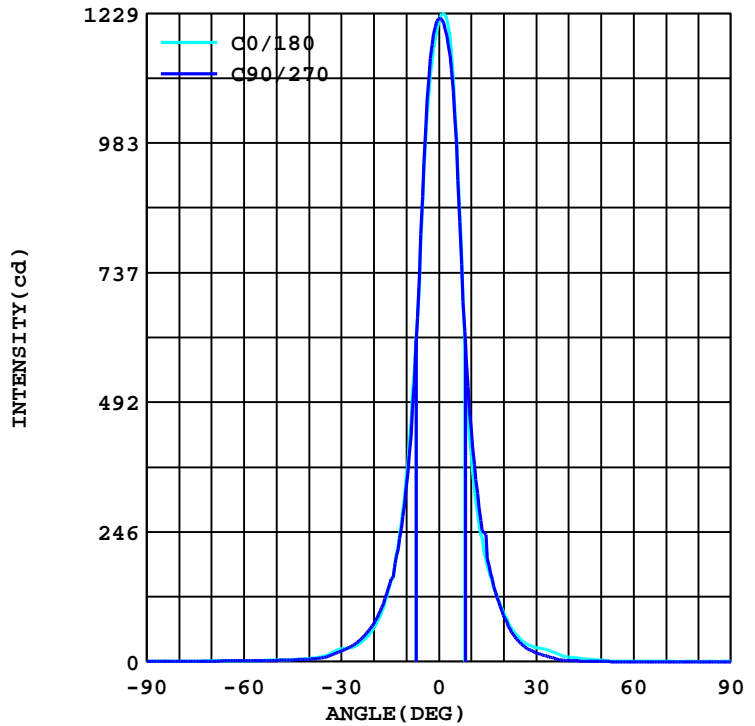
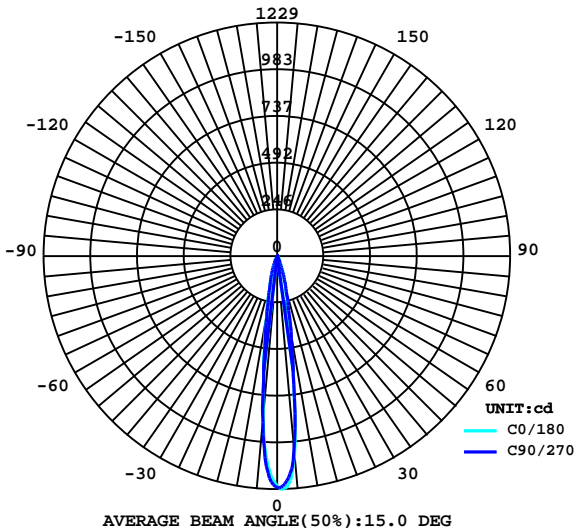
Report number:

MANUFACTURER:		Address:	
NAME: SD-3-30K-SO-LV15-WH		TYPE:	WEIGHT:N/A
SPECIFICATION:		DIMENSION: 0.063X1X0.166	SERIAL No.:N/A

DATA OF LAMP		I _{max} (cd)	1229	S/MH(C0/180)	0.24
MODEL	3528 LED	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.24
NOMINAL POWER(W)	2.6	TOTAL FLUX(lm)	150.38	Voltage(V)	24.01
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	53.5	Current(A)	0.116
NOMINAL FLUX(lm)	150.4	η up(%)	1.4	Power(W)	2.810
LAMPS QUANTITY	1	η down(%)	98.6	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	0.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION

LUMINOUS INTENSITY DISTRIBUTION



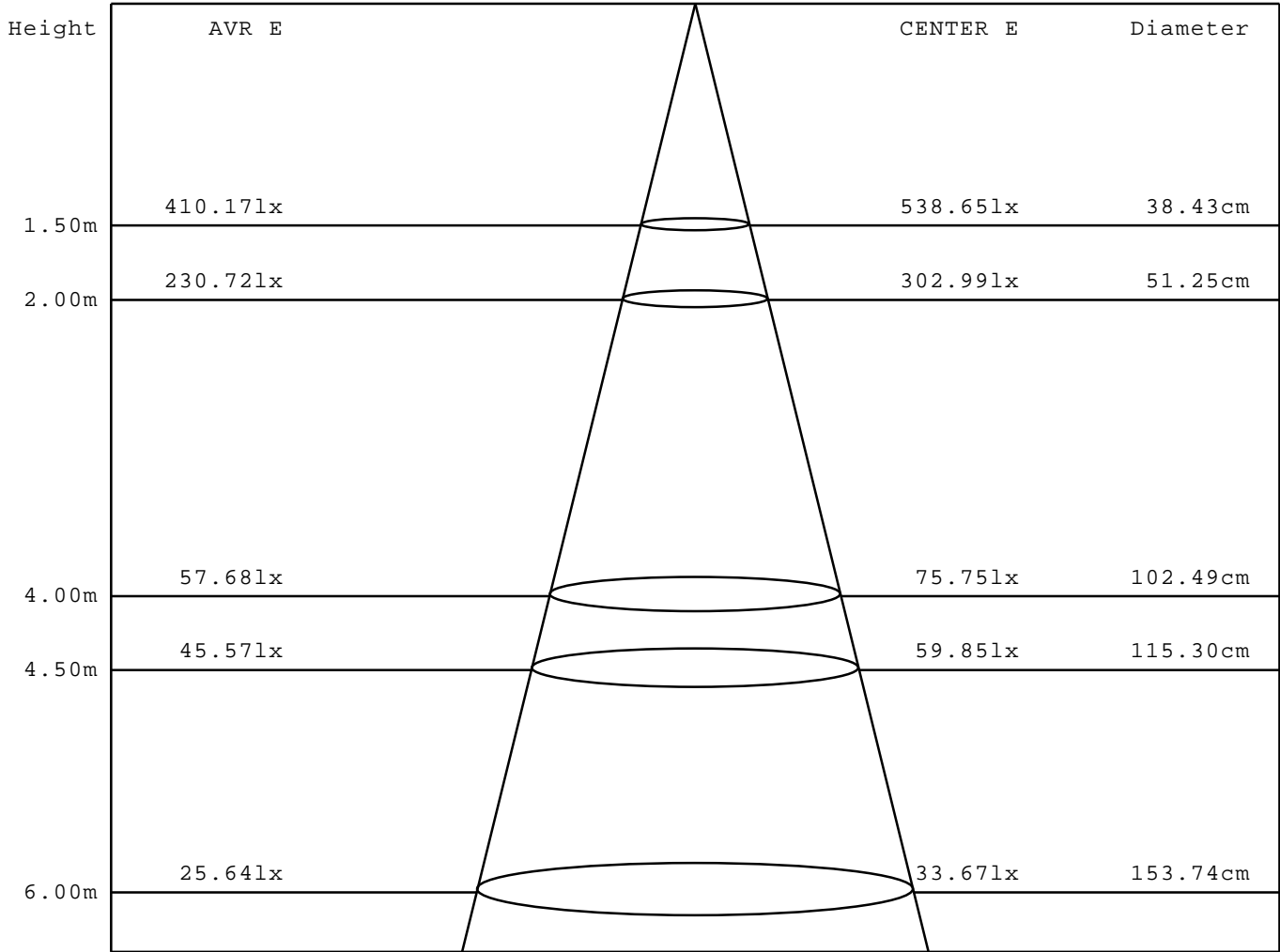
Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-3-30K-SO-LV15-WH

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-LV15-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:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
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HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-LV15-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	866.1	873.3	881.7	881.5	1053	1067	1037	1030	0- 5	26	26
10.0	343.8	316.8	326.6	309.7	392.9	427.9	441.2	461.9	5- 10	43	69
15.0	145.9	132.4	148.5	143.5	181.4	202.5	194.8	200.6	10- 15	30	99
20.0	63.79	57.20	72.47	71.98	93.62	103.3	88.08	88.15	15- 20	19	118
25.0	32.14	26.11	36.90	35.15	44.25	46.35	36.76	37.60	20- 25	11	130
30.0	24.43	13.72	19.95	18.76	26.60	24.43	16.80	19.39	25- 30	7	136
35.0	11.06	5.461	8.122	9.803	18.69	14.56	7.422	10.85	30- 35	5	141
40.0	5.811	1.260	4.761	2.100	8.822	6.932	2.030	4.761	35- 40	2	143
45.0	3.781	0.420	3.291	0.910	5.391	3.991	0.840	3.221	40- 45	1	145
50.0	2.800	0	2.240	0.280	2.870	2.870	0.210	2.310	45- 50	1	145
55.0	2.100	0	1.820	0	0.490	2.170	0	1.820	50- 55	1	146
60.0	1.680	0	1.540	0	0.280	1.750	0	1.540	55- 60	0	146
65.0	1.470	0	1.330	0	0.070	1.470	0	1.330	60- 65	0	147
70.0	1.330	0	1.120	0	0.070	1.260	0	1.120	65- 70	0	147
75.0	1.190	0	0.910	0	0.070	1.120	0	1.050	70- 75	0	147
80.0	1.050	0	0.840	0	0	0.980	0	0.910	75- 80	0	148
85.0	0.980	0	0.770	0	0.070	0.840	0	0.770	80- 85	0	148
90.0	0.840	0	0.700	0	0.070	0.770	0	0.700	85- 90	0	148
95.0	0.770	0	0.630	0	0	0.700	0	0.630	90- 95	0	148
100.0	0.700	0	0.560	0	0.070	0.630	0	0.560	95-100	0	149
105.0	0.630	0	0.490	0	0.140	0.560	0	0.490	100-105	0	149
110.0	0.630	0	0.420	0	0.140	0.490	0	0.490	105-110	0	149
115.0	0.560	0	0.350	0	0.140	0.490	0	0.420	110-115	0	149
120.0	0.490	0	0.350	0	0.140	0.420	0	0.420	115-120	0	149
125.0	0.490	0	0.350	0	0.210	0.350	0	0.350	120-125	0	149
130.0	0.420	0	0.350	0	0.210	0.350	0	0.280	125-130	0	149
135.0	0.420	0	0.280	0	0.280	0.350	0	0.350	130-135	0	149
140.0	0.420	0	0.210	0	0.350	0.350	0	0.350	135-140	0	149
145.0	0.420	0	0.280	0	0.490	0.420	0	0.420	140-145	0	150
150.0	0.490	0.070	0.350	0	0.630	0.630	0.210	0.630	145-150	0	150
155.0	0.630	0.280	0.490	0.210	0.910	1.050	0.490	0.980	150-155	0	150
160.0	0.910	0.700	0.770	0.630	1.190	1.330	0.770	1.330	155-160	0	150
165.0	1.190	0.980	1.050	0.910	1.470	1.540	0.980	1.540	160-165	0	150
170.0	1.260	1.050	1.190	0.910	1.610	1.470	1.190	1.470	165-170	0	150
175.0	1.260	0.840	1.120	0.770	1.540	1.190	1.050	1.190	170-175	0	150
180.0	1.190	0.840	1.050	0.770	1.470	0.980	0.980	0.980	175-180	0	150
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

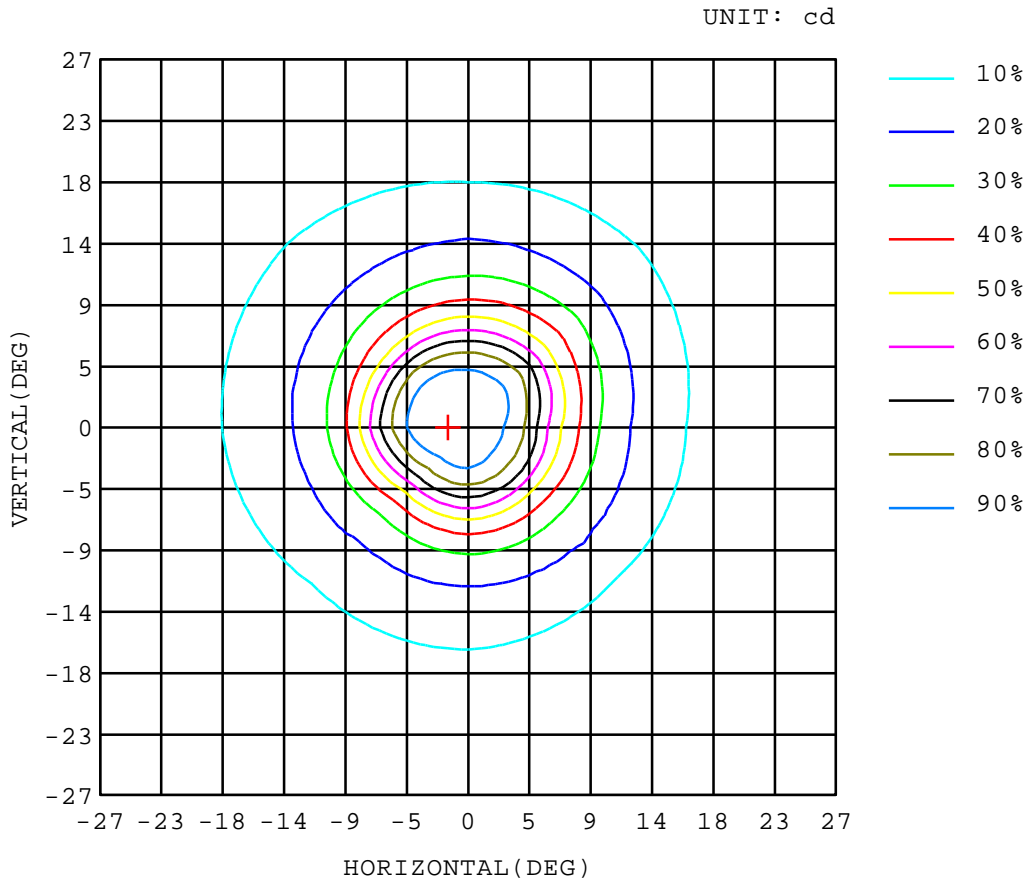
Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:06-07-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-3-30K-SO-LV15-WH

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-LV15-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

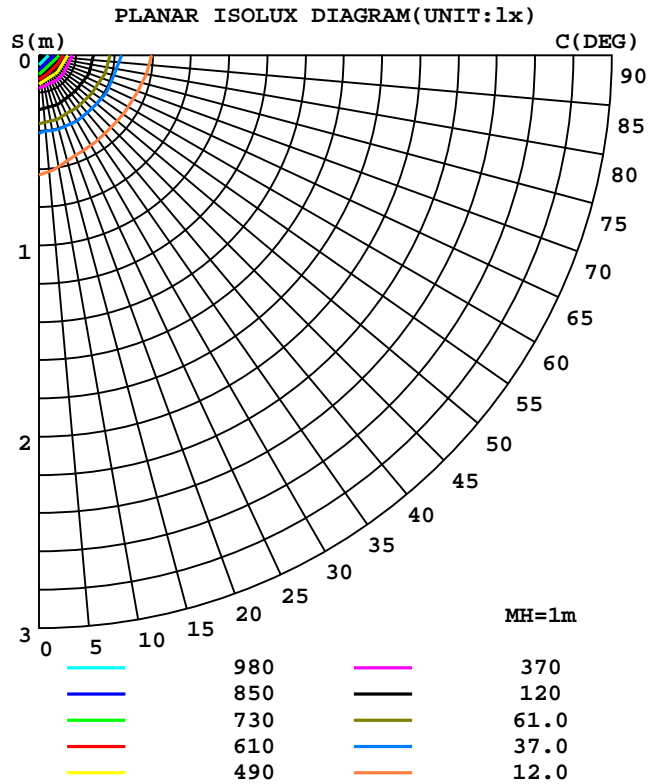
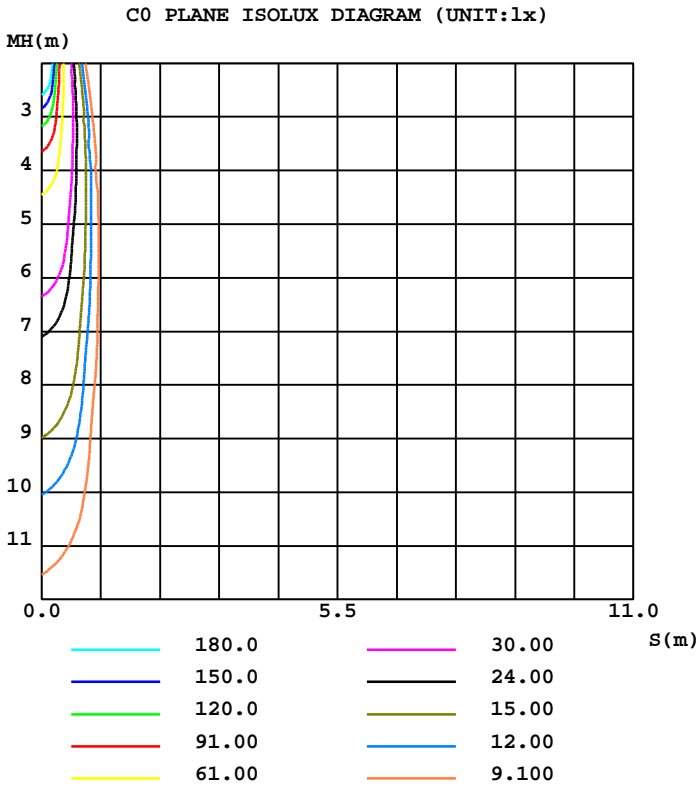
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-3-30K-SO-LV15-WH

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-LV15-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-3-30K-SO-LV15-WH

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: SD-3-30K-SO-LV15-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	1212	1211	1219	1222	1212	1211	1219	1222
5.0	866	873	882	882	1053	1067	1037	1030
10.0	344	317	327	310	393	428	441	462
15.0	146	132	149	144	181	203	195	201
20.0	63.7	57.2	72.4	71.9	93.6	103	88.0	88.1
25.0	32.1	26.1	36.9	35.1	44.2	46.3	36.7	37.6
30.0	24.4	13.7	19.9	18.7	26.6	24.4	16.8	19.3
35.0	11.0	5.46	8.12	9.80	18.6	14.5	7.42	10.8
40.0	5.81	1.26	4.76	2.10	8.82	6.93	2.03	4.76
45.0	3.78	0.42	3.29	0.91	5.39	3.99	0.84	3.22
50.0	2.80	0.00	2.24	0.28	2.87	2.87	0.21	2.31
55.0	2.10	0.00	1.82	0.00	0.49	2.17	0.00	1.82
60.0	1.68	0.00	1.54	0.00	0.28	1.75	0.00	1.54
65.0	1.47	0.00	1.33	0.00	0.07	1.47	0.00	1.33
70.0	1.33	0.00	1.12	0.00	0.07	1.26	0.00	1.12
75.0	1.19	0.00	0.91	0.00	0.07	1.12	0.00	1.05
80.0	1.05	0.00	0.84	0.00	0.00	0.98	0.00	0.91
85.0	0.98	0.00	0.77	0.00	0.07	0.84	0.00	0.77
90.0	0.84	0.00	0.70	0.00	0.07	0.77	0.00	0.70
95.0	0.77	0.00	0.63	0.00	0.00	0.70	0.00	0.63
100.0	0.70	0.00	0.56	0.00	0.07	0.63	0.00	0.56
105.0	0.63	0.00	0.49	0.00	0.14	0.56	0.00	0.49
110.0	0.63	0.00	0.42	0.00	0.14	0.49	0.00	0.49
115.0	0.56	0.00	0.35	0.00	0.14	0.49	0.00	0.42
120.0	0.49	0.00	0.35	0.00	0.14	0.42	0.00	0.42
125.0	0.49	0.00	0.35	0.00	0.21	0.35	0.00	0.35
130.0	0.42	0.00	0.35	0.00	0.21	0.35	0.00	0.28
135.0	0.42	0.00	0.28	0.00	0.28	0.35	0.00	0.35
140.0	0.42	0.00	0.21	0.00	0.35	0.35	0.00	0.35
145.0	0.42	0.00	0.28	0.00	0.49	0.42	0.00	0.42
150.0	0.49	0.07	0.35	0.00	0.63	0.63	0.21	0.63
155.0	0.63	0.28	0.49	0.21	0.91	1.05	0.49	0.98
160.0	0.91	0.70	0.77	0.63	1.19	1.33	0.77	1.33
165.0	1.19	0.98	1.05	0.91	1.47	1.54	0.98	1.54
170.0	1.26	1.05	1.19	0.91	1.61	1.47	1.19	1.47
175.0	1.26	0.84	1.12	0.77	1.54	1.19	1.05	1.19
180.0	1.19	0.84	1.05	0.77	1.47	0.98	0.98	0.98

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-LV15-WH