

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

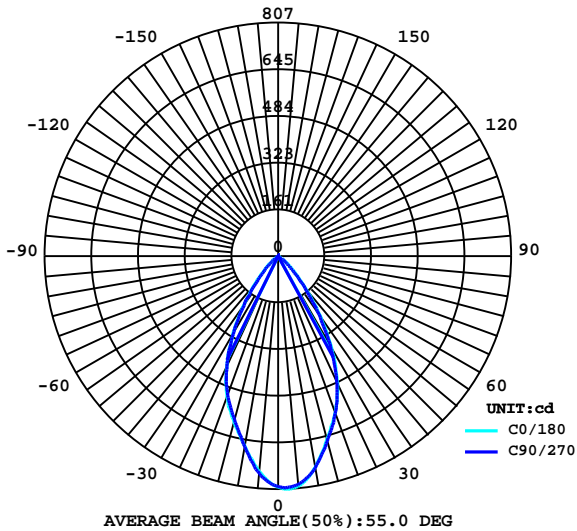
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

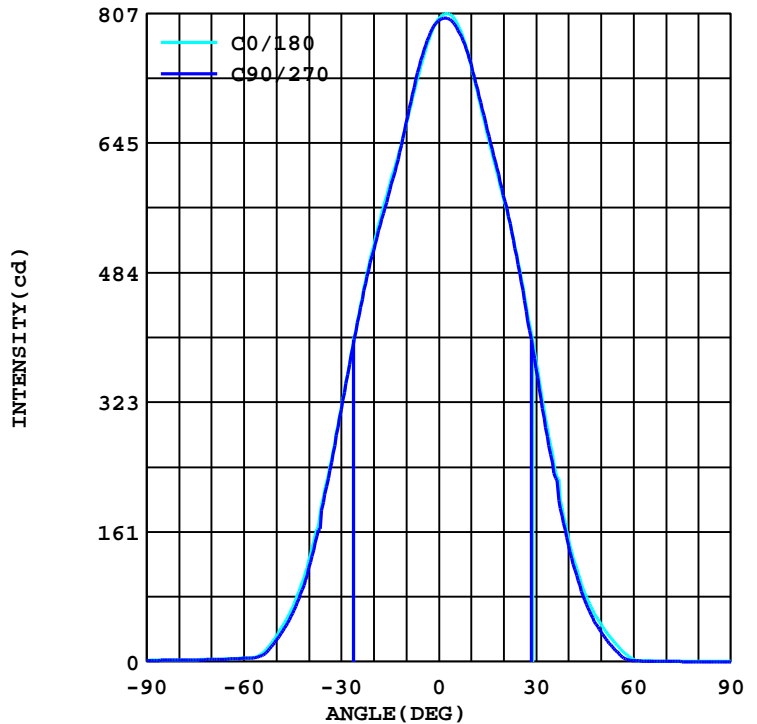
MANUFACTURER:		Address:	
NAME: SD-12-30K-SO-LV60-WH		TYPE:	WEIGHT:N/A
SPECIFICATION:		DIMENSION: 0.063X1X0.166	SERIAL No.:N/A

DATA OF LAMP		I _{max} (cd)	807.3	S/MH(C0/180)	0.78
MODEL	3528 LED	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.78
NOMINAL POWER(W)	13.5	TOTAL FLUX(lm)	675.68	Voltage(V)	24.00
RATED VOLTAGE(V)	24	EFFICIENCY(lm/W)	51.1	Current(A)	0.550
NOMINAL FLUX(lm)	675.7	η up(%)	1.0	Power(W)	13.21
LAMPS QUANTITY	1	η down(%)	99.0	Power Factor(PF)	1.000
TEST VOLTAGE(V)	24.0	Effective Flux(lm)	0.0	EEL	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



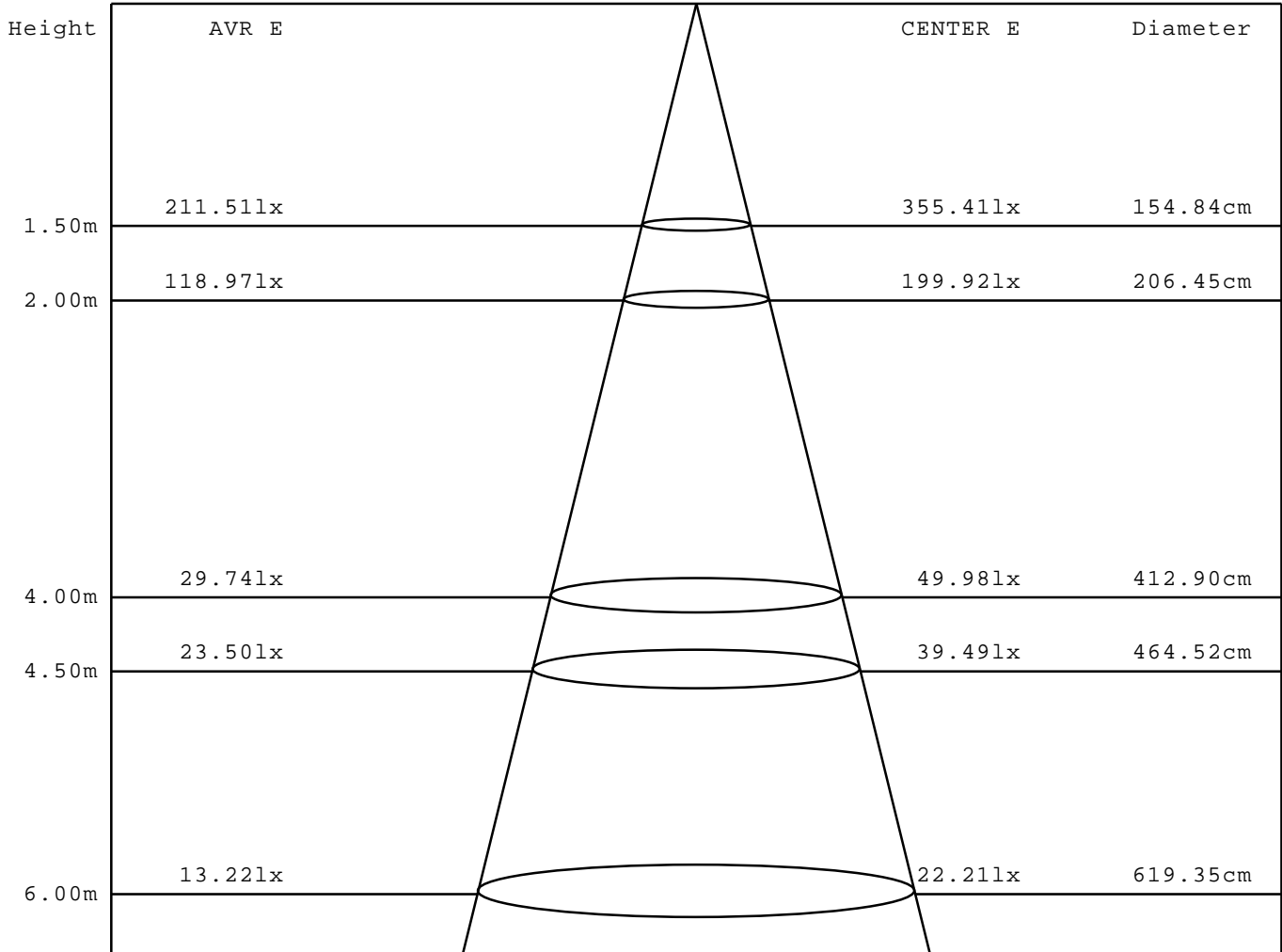
Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:06-06-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-12-30K-SO-LV60-WH

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: SD-12-30K-SO-LV60-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



Angle:54.6deg

Test System:HOP00
 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-12-30K-SO-LV60-WH

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-12-30K-SO-LV60-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	747.9	741.4	754.9	766.7	799.5	804.0	793.0	775.6	0- 5	19	19
10.0	668.7	655.3	670.3	686.9	742.2	757.8	743.4	714.5	5- 10	53	72
15.0	594.8	574.1	587.2	598.6	655.7	677.4	661.5	636.4	10- 15	78	150
20.0	518.4	497.0	512.2	520.8	576.9	595.3	580.4	560.1	15- 20	96	246
25.0	423.5	403.0	421.4	428.4	487.1	503.4	483.2	466.9	20- 25	105	351
30.0	315.4	295.0	313.6	316.4	373.9	385.3	364.8	353.1	25- 30	100	451
35.0	213.7	191.0	207.8	205.3	258.3	263.9	246.9	241.5	30- 35	83	534
40.0	126.1	111.6	116.4	120.3	152.6	161.2	144.6	147.7	35- 40	59	593
45.0	67.43	54.26	59.79	60.43	85.49	90.33	76.60	81.99	40- 45	37	631
50.0	31.58	23.17	26.32	27.86	46.35	47.05	36.97	40.75	45- 50	21	652
55.0	8.332	5.461	6.372	9.243	20.23	22.40	11.97	17.50	50- 55	10	661
60.0	4.271	0.630	4.061	0.840	2.730	7.702	1.120	5.041	55- 60	3	665
65.0	3.361	0.280	3.151	0.350	0.910	3.851	0.560	3.501	60- 65	1	666
70.0	2.660	0.070	2.590	0.070	0.490	3.011	0.210	2.800	65- 70	1	667
75.0	2.240	0	2.100	0	0.280	2.450	0	2.310	70- 75	1	667
80.0	1.960	0	1.750	0	0.210	2.030	0	1.960	75- 80	1	668
85.0	1.750	0	1.610	0	0.140	1.750	0	1.680	80- 85	1	668
90.0	1.540	0	1.400	0	0.140	1.540	0	1.470	85- 90	0	669
95.0	1.400	0	1.260	0	0.140	1.400	0	1.330	90- 95	0	669
100.0	1.260	0	1.190	0	0.210	1.260	0	1.190	95-100	0	670
105.0	1.190	0	1.120	0	0.140	1.190	0	1.120	100-105	0	670
110.0	1.050	0	0.910	0	0.210	1.120	0	1.050	105-110	0	670
115.0	1.050	0	0.910	0	0.280	1.050	0	1.050	110-115	0	671
120.0	1.050	0.070	0.910	0	0.420	1.120	0.140	1.050	115-120	0	671
125.0	1.050	0.210	0.980	0.140	0.700	1.190	0.280	1.190	120-125	0	671
130.0	1.190	0.350	1.050	0.280	0.910	1.400	0.560	1.330	125-130	0	671
135.0	1.330	0.630	1.190	0.490	1.260	1.610	0.840	1.610	130-135	0	672
140.0	1.540	0.910	1.400	0.840	1.610	1.960	1.190	1.890	135-140	0	672
145.0	1.820	1.260	1.750	1.120	2.030	2.240	1.610	2.240	140-145	1	673
150.0	2.170	1.610	2.030	1.400	2.380	2.520	2.030	2.520	145-150	1	673
155.0	2.450	1.890	2.380	1.820	2.800	2.730	2.380	2.800	150-155	1	674
160.0	2.800	2.310	2.730	2.100	3.151	3.081	2.730	3.151	155-160	1	674
165.0	3.221	2.590	3.081	2.450	3.431	3.291	3.081	3.291	160-165	0	675
170.0	3.501	2.870	3.431	2.800	3.781	3.501	3.361	3.431	165-170	0	675
175.0	3.711	3.151	3.641	2.940	3.851	3.571	3.501	3.501	170-175	0	676
180.0	3.781	3.291	3.781	3.151	3.991	3.501	3.571	3.431	175-180	0	676
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

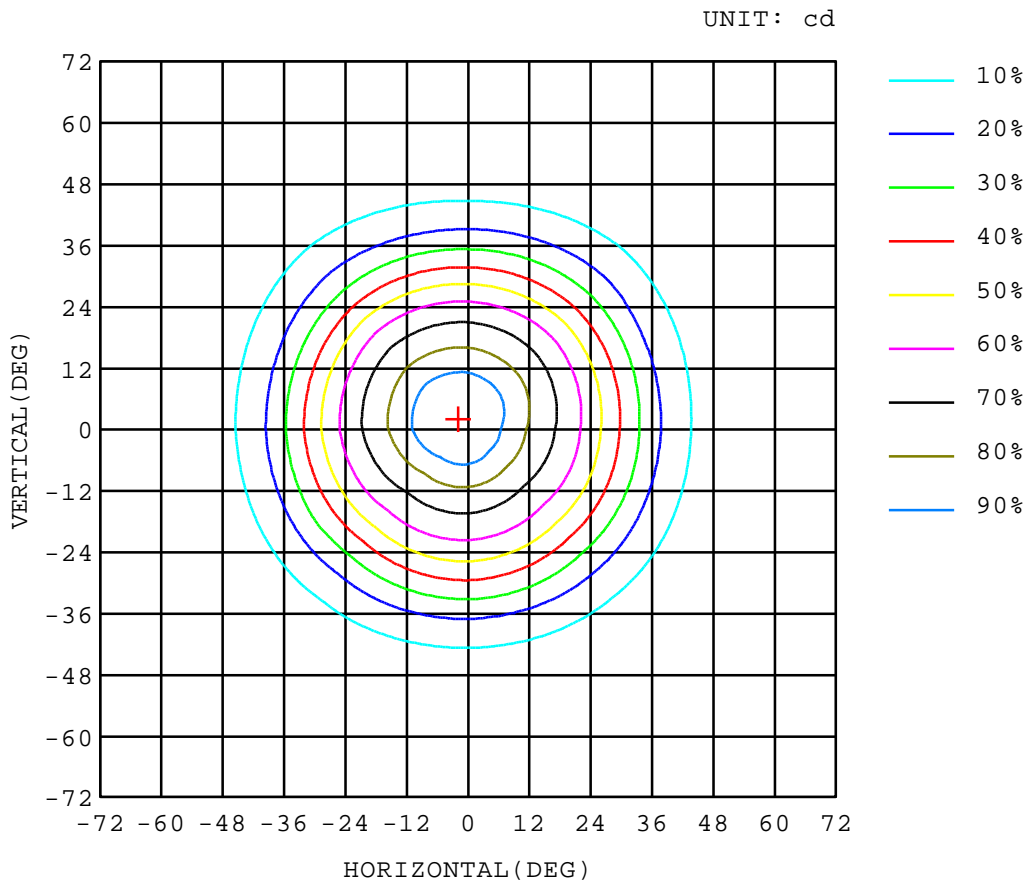
Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:06-06-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-12-30K-SO-LV60-WH

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-12-30K-SO-LV60-WH	TYPE:	WEIGHT:N/A
SPECIFICATION:	DIMENSION: 0.063X1X0.166	SERIAL No.:N/A



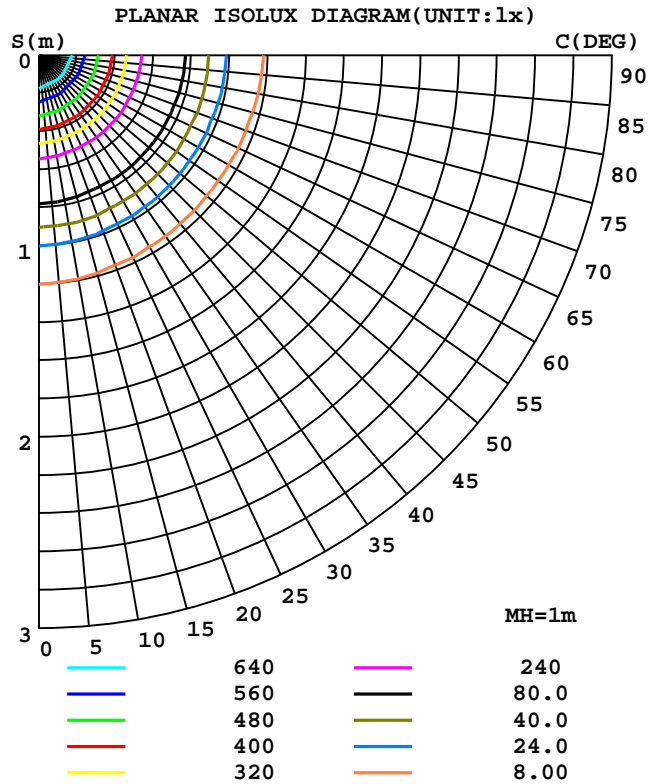
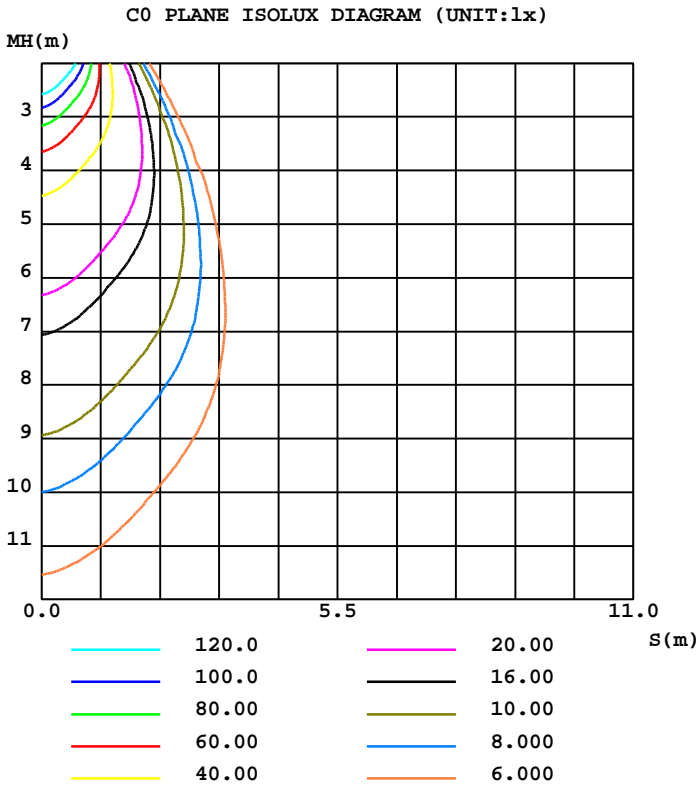
Test System:HOPOO
 Temperature:25.3DEG
 Operators:
 Test Date:06-06-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-12-30K-SO-LV60-WH

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: SD-12-30K-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:06-06-2022

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:8.368 m
 Remarks: SD-12-30K-SO-LV60-WH

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME: SD-12-30K-SO-LV60-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	800	797	797	797	800	797	797	797
5.0	748	741	755	767	800	804	793	776
10.0	669	655	670	687	742	758	743	715
15.0	595	574	587	599	656	677	662	636
20.0	518	497	512	521	577	595	580	560
25.0	424	403	421	428	487	503	483	467
30.0	315	295	314	316	374	385	365	353
35.0	214	191	208	205	258	264	247	242
40.0	126	112	116	120	153	161	145	148
45.0	67.4	54.2	59.7	60.4	85.4	90.3	76.6	81.9
50.0	31.5	23.1	26.3	27.8	46.3	47.0	36.9	40.7
55.0	8.33	5.46	6.37	9.24	20.2	22.4	11.9	17.5
60.0	4.27	0.63	4.06	0.84	2.73	7.70	1.12	5.04
65.0	3.36	0.28	3.15	0.35	0.91	3.85	0.56	3.50
70.0	2.66	0.07	2.59	0.07	0.49	3.01	0.21	2.80
75.0	2.24	0.00	2.10	0.00	0.28	2.45	0.00	2.31
80.0	1.96	0.00	1.75	0.00	0.21	2.03	0.00	1.96
85.0	1.75	0.00	1.61	0.00	0.14	1.75	0.00	1.68
90.0	1.54	0.00	1.40	0.00	0.14	1.54	0.00	1.47
95.0	1.40	0.00	1.26	0.00	0.14	1.40	0.00	1.33
100.0	1.26	0.00	1.19	0.00	0.21	1.26	0.00	1.19
105.0	1.19	0.00	1.12	0.00	0.14	1.19	0.00	1.12
110.0	1.05	0.00	0.91	0.00	0.21	1.12	0.00	1.05
115.0	1.05	0.00	0.91	0.00	0.28	1.05	0.00	1.05
120.0	1.05	0.07	0.91	0.00	0.42	1.12	0.14	1.05
125.0	1.05	0.21	0.98	0.14	0.70	1.19	0.28	1.19
130.0	1.19	0.35	1.05	0.28	0.91	1.40	0.56	1.33
135.0	1.33	0.63	1.19	0.49	1.26	1.61	0.84	1.61
140.0	1.54	0.91	1.40	0.84	1.61	1.96	1.19	1.89
145.0	1.82	1.26	1.75	1.12	2.03	2.24	1.61	2.24
150.0	2.17	1.61	2.03	1.40	2.38	2.52	2.03	2.52
155.0	2.45	1.89	2.38	1.82	2.80	2.73	2.38	2.80
160.0	2.80	2.31	2.73	2.10	3.15	3.08	2.73	3.15
165.0	3.22	2.59	3.08	2.45	3.43	3.29	3.08	3.29
170.0	3.50	2.87	3.43	2.80	3.78	3.50	3.36	3.43
175.0	3.71	3.15	3.64	2.94	3.85	3.57	3.50	3.50
180.0	3.78	3.29	3.78	3.15	3.99	3.50	3.57	3.43

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-12-30K-SO-LV60-WH