

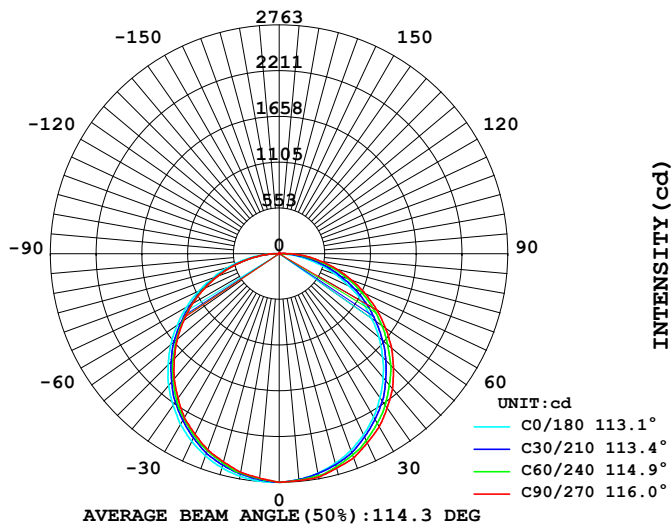
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

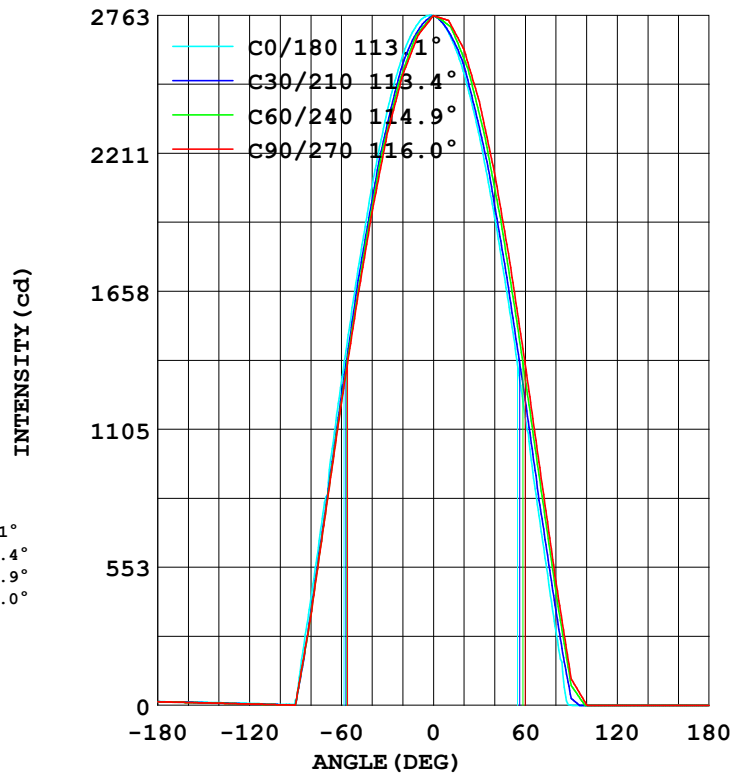
MANUFACTURER:	Address:		
NAME:	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax (cd)	2763	S/MH (C0/180)	1.28
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.24
NOMINAL POWER (W)	72	TOTAL FLUX (lm)	8126.9	Voltage (V)	229.1
RATED VOLTAGE (V)	230	EFFICIENCY (lm/W)	111.5	Current (A)	0.455
NOMINAL FLUX (lm)	8126.9	η up (%)	0.4	Power (W)	72.86
LAMPS QUANTITY	1	η down (%)	99.6	Power Factor (PF)	0.959
TEST VOLTAGE (V)	229.2	Effective Flux (lm)	0.0	EET	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



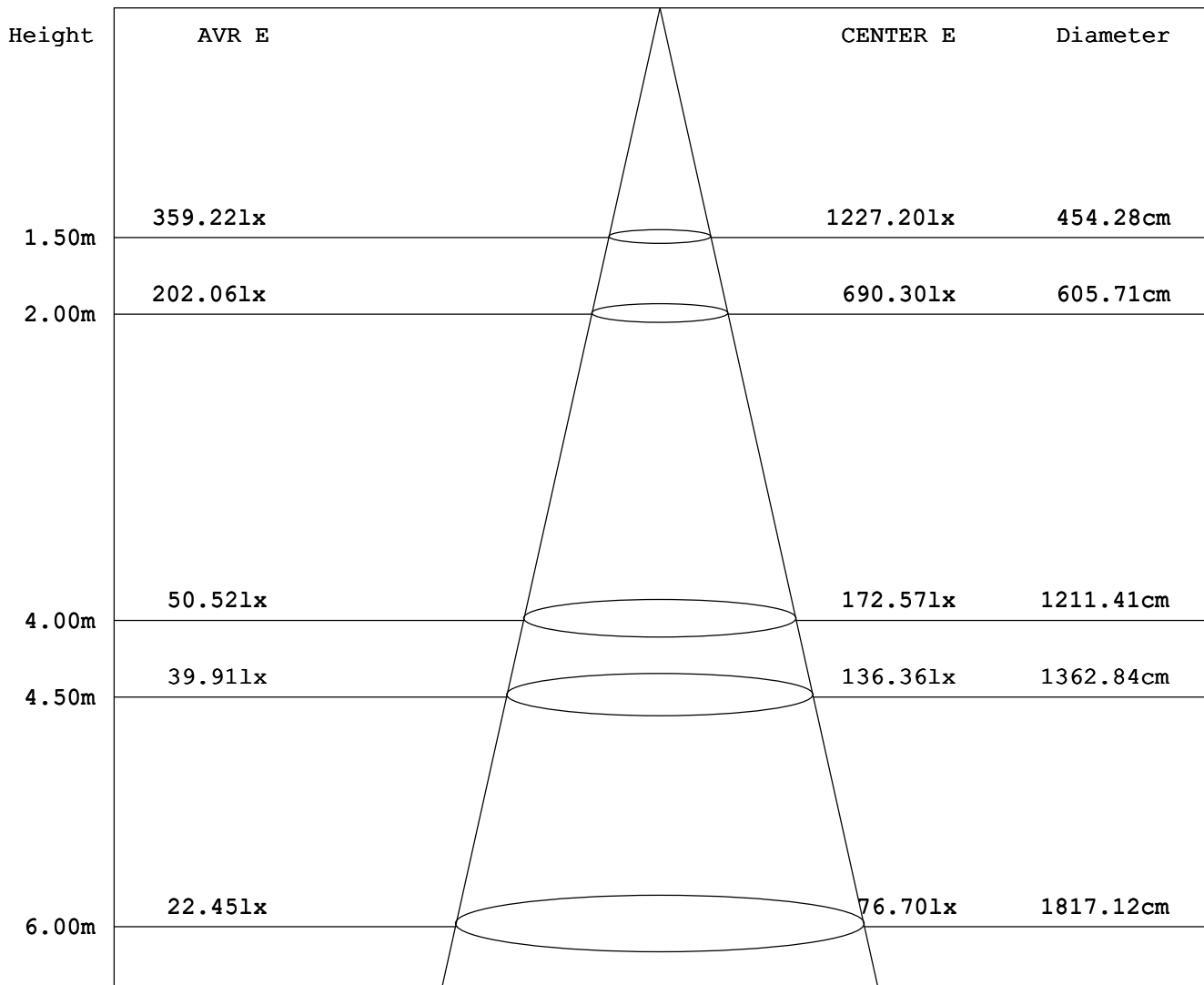
Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:113.1deg

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	2758	2734	2722	2721	2740	2742	2752	2755	0- 5	65.70	65.70
10.0	2730	2694	2683	2669	2693	2710	2742	2738	5- 10	194.7	260.4
15.0	2678	2638	2603	2598	2622	2657	2684	2700	10- 15	317.3	577.8
20.0	2603	2544	2524	2497	2531	2569	2627	2624	15- 20	429.0	1007
25.0	2501	2442	2407	2388	2414	2471	2523	2537	20- 25	526.6	1534
30.0	2382	2315	2290	2256	2280	2346	2418	2422	25- 30	606.4	2140
35.0	2237	2170	2132	2105	2124	2197	2275	2283	30- 35	666.5	2807
40.0	2079	2015	1974	1948	1955	2044	2132	2136	35- 40	704.0	3511
45.0	1897	1830	1791	1765	1768	1863	1953	1960	40- 45	719.0	4230
50.0	1711	1639	1608	1580	1573	1680	1774	1779	45- 50	710.4	4940
55.0	1503	1431	1409	1377	1363	1473	1570	1571	50- 55	679.8	5620
60.0	1294	1224	1210	1179	1153	1269	1366	1362	55- 60	628.0	6248
65.0	1073	1011	997.3	975.3	931.8	1054	1148	1141	60- 65	558.6	6807
70.0	835.3	795.0	784.6	771.5	715.9	840.6	930.2	919.0	65- 70	472.3	7279
75.0	632.5	578.7	569.9	565.4	506.4	628.4	713.4	694.0	70- 75	375.2	7654
80.0	424.5	365.5	355.3	360.8	298.0	423.2	496.6	477.2	75- 80	270.4	7925
85.0	220.3	171.5	177.9	171.6	96.16	232.1	301.4	271.5	80- 85	164.0	8089
90.0	21.06	0.782	0.671	0.671	1.676	55.81	106.2	76.94	85- 90	63.52	8152
95.0	3.408	1.491	1.424	1.537	0	18.21	54.33	24.23	90- 95	11.63	8164
100.0	3.408	2.190	2.179	2.391	0	0	2.458	0	95-100	3.123	8167
105.0	4.414	2.869	2.933	3.221	0	0	0	0	100-105	0.622	8168
110.0	5.364	3.610	3.687	4.018	0	0	0	0	105-110	0.790	8168
115.0	6.872	4.459	4.442	4.963	0	0	0	0	110-115	0.973	8169
120.0	7.878	5.110	5.196	5.712	0	0	0	0	115-120	1.150	8171
125.0	8.381	5.973	5.950	6.417	0	0	0	0	120-125	1.355	8172
130.0	8.884	6.635	6.705	7.359	0	0	0	0	125-130	1.506	8173
135.0	9.834	7.454	7.459	8.010	0	0	0	0	130-135	1.566	8175
140.0	10.78	8.018	8.213	8.945	0	0	0	0	135-140	1.582	8177
145.0	11.28	8.929	8.967	9.562	0	0	0	0	140-145	1.548	8178
150.0	11.78	9.873	9.722	10.25	0	0	0	0	145-150	1.474	8180
155.0	12.29	10.69	10.47	11.09	0	0	0	0	150-155	1.356	8181
160.0	13.24	11.22	11.23	11.64	0	0	0	0	155-160	1.200	8182
165.0	13.24	12.18	11.98	12.42	0	0	0	0	160-165	0.999	8183
170.0	13.74	12.71	12.73	13.17	0	0	0	0	165-170	0.757	8184
175.0	14.24	13.71	13.49	13.71	0	0	0	0	170-175	0.479	8184
180.0	14.24	14.24	14.24	14.24	0	0	0	0	175-180	0.167	8185
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPPO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

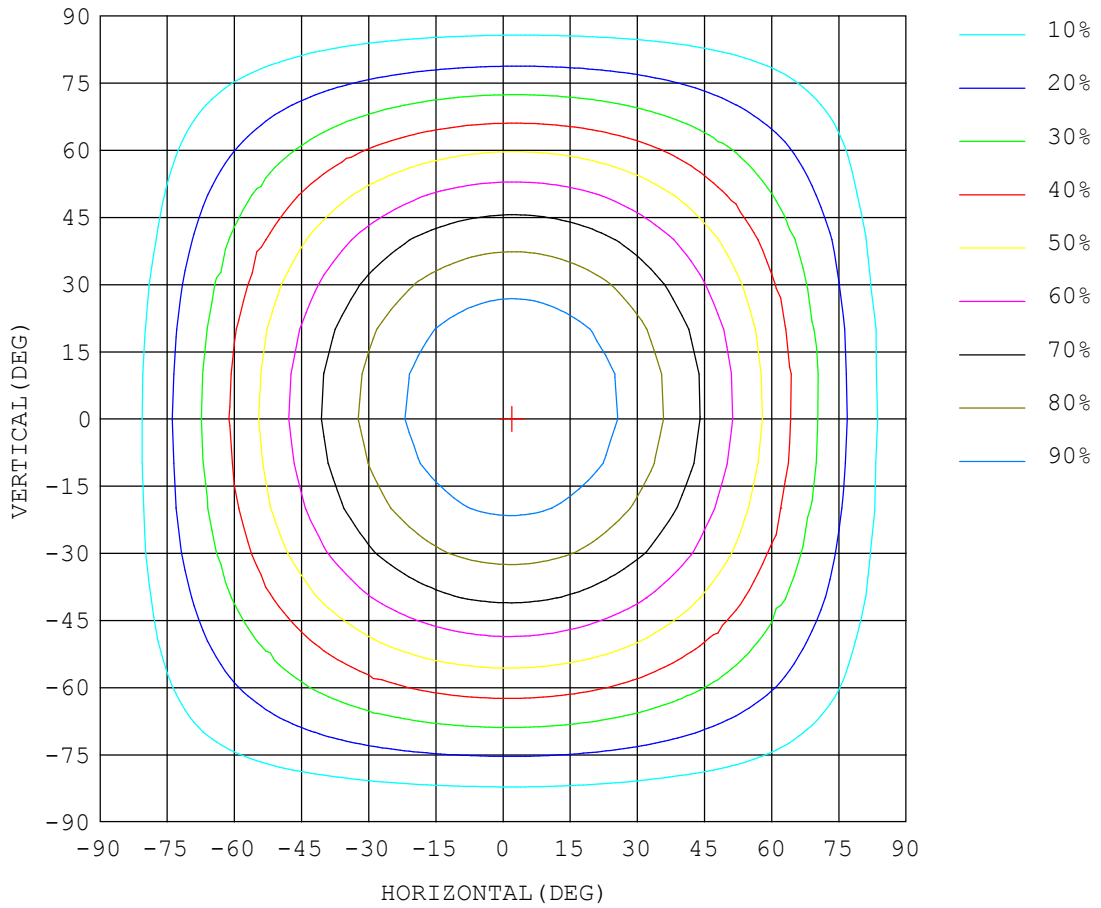
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd



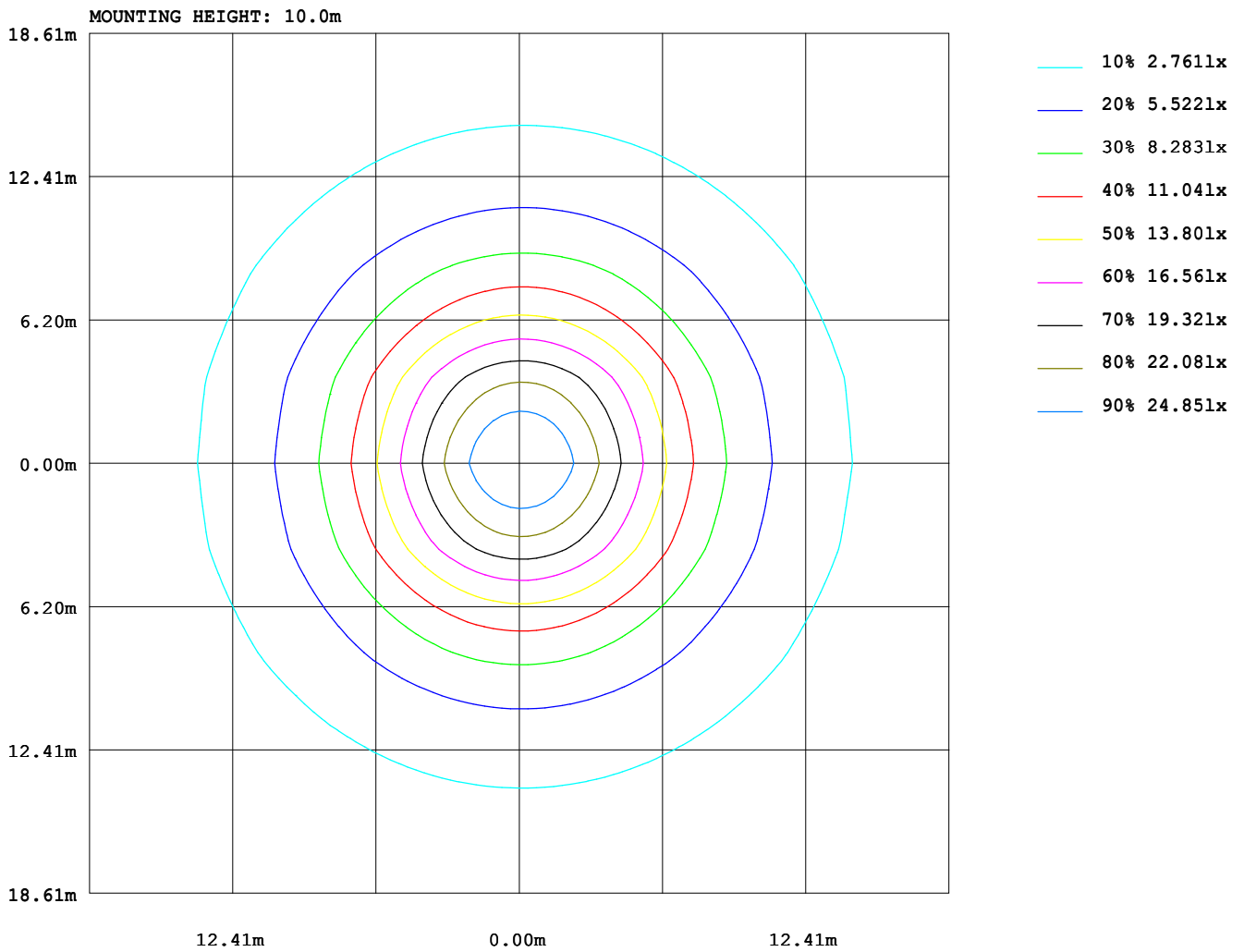
Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

		AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a					
VERTICAL (DEG)	90	0.01	0.04	0.36	0.98	1.78	2.66	3.50	4.21	4.68	4.81	4.57	4.05	3.32	2.46	1.59	0.84	0.27	0.03	40.2	0.00						
	80	0.03	0.74	2.77	5.68	9.23	12.9	16.4	19.1	20.7	20.9	19.8	17.4	14.2	10.5	6.86	3.69	1.30	0.16	183	176						
	70	0.10	1.45	4.85	9.67	15.5	21.7	27.4	31.8	34.4	34.7	32.7	28.7	23.2	17.1	11.0	5.85	2.11	0.27	303	300						
	60	0.14	2.14	6.68	13.3	21.4	30.0	37.8	43.9	47.4	47.8	45.1	39.6	32.1	23.6	15.3	8.17	3.02	0.35	419	417						
	50	0.21	2.76	8.48	16.7	26.9	37.6	47.4	55.0	59.3	59.8	56.3	49.4	40.0	29.4	18.9	10.0	3.66	0.44	523	522						
	40	0.29	3.29	9.93	19.9	31.6	44.0	55.4	64.2	69.3	69.8	65.8	57.7	46.8	34.4	22.2	11.8	4.43	0.57	612	611						
	30	0.31	3.75	11.0	21.8	35.0	48.8	61.4	71.3	76.9	77.5	73.0	64.0	51.8	38.0	24.4	13.0	4.76	0.67	678	677						
		0.42	4.02	12.0	23.5	37.6	52.2	65.6	76.0	81.9	82.5	77.7	68.2	55.2	40.5	26.1	13.8	5.19	0.75	724	724						
		0.44	4.17	12.1	24.1	38.4	53.5	67.3	78.0	84.0	84.7	79.7	69.9	56.5	41.5	26.7	14.1	5.19	0.77	742	741						
		0.48	4.18	12.3	24.1	38.3	53.2	66.8	77.2	83.2	83.7	78.8	69.1	55.9	41.0	26.4	13.9	5.24	0.77	735	735						
		0.45	4.05	11.6	22.9	36.5	50.7	63.6	73.7	79.3	79.9	75.2	66.0	53.4	39.2	25.2	13.5	4.92	0.71	702	701						
	-30	0.44	3.80	11.0	21.5	34.1	47.2	59.1	68.2	73.4	73.8	69.4	60.8	49.2	36.2	23.3	12.3	4.63	0.67	650	649						
	-40	0.39	3.45	9.82	19.1	30.3	41.9	52.5	60.7	65.2	65.7	61.8	54.2	43.9	32.2	20.7	11.1	4.04	0.58	578	577						
	-50	0.36	2.94	8.38	16.2	25.6	35.3	44.1	50.8	54.6	54.8	51.5	45.2	36.5	26.8	17.3	9.05	3.46	0.49	484	483						
	-60	0.27	2.41	6.70	12.7	20.1	27.7	34.5	39.8	42.7	43.0	40.4	35.4	28.6	21.0	13.5	7.20	2.63	0.36	380	378						
	-70	0.21	1.74	4.86	9.29	14.5	19.8	24.8	28.3	30.4	30.5	28.6	25.0	20.3	14.9	9.68	5.18	1.94	0.23	271	268						
	-80	0.10	1.05	2.97	5.46	8.35	11.3	13.9	16.0	17.1	17.2	16.1	14.1	11.4	8.37	5.38	2.85	0.97	0.08	153	142						
	-90	0.04	0.25	0.86	1.52	2.24	2.97	3.62	4.12	4.39	4.43	4.14	3.60	2.91	2.15	1.39	0.74	0.20	0.02	39.6	8.66						
		-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)										20	30	40	50	60	70	80	90
Φ t		4.65	46.3	137	269	428	594	746	863	930	936	882	773	626	460	297	157	58.0	7.91	8185							
Φ a		0.47	39.1	131	264	423	589	740	856	922	929	874	766	620	455	292	152	52.5	3.64		8042						

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

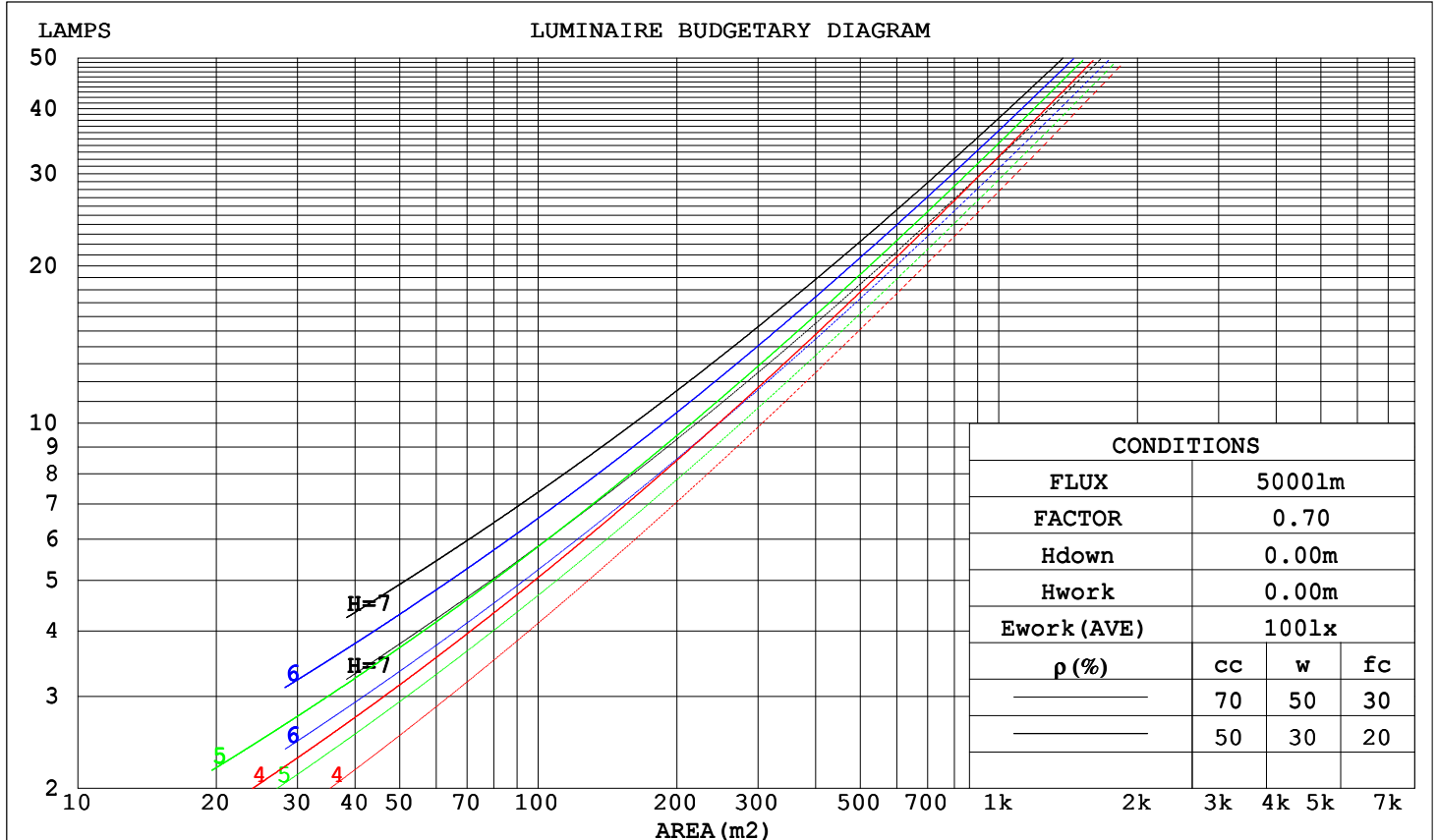
HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

MANUFACTURER:				Address:											
NAME:				TYPE:						WEIGHT:					
SPECIFICATION:				DIMENSION:						SERIAL No.:					

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
0.0	1.20	1.20	1.20	1.17	1.17	1.17	1.12	1.12	1.12	1.07	1.07	1.07	1.02	1.02	1.02	1.00
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.90	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.81	.76	.84	.79	.74	.81	.76	.72	.78	.74	.71	.68
3.0	.79	.70	.64	.77	.69	.63	.74	.67	.62	.71	.65	.61	.69	.64	.59	.57
4.0	.70	.61	.54	.68	.60	.53	.66	.58	.52	.63	.57	.52	.61	.55	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.45	.57	.50	.45	.55	.49	.44	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.39	.51	.44	.39	.50	.43	.39	.37
7.0	.51	.42	.35	.50	.41	.35	.48	.40	.35	.47	.40	.35	.45	.39	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.44	.37	.31	.43	.36	.31	.42	.35	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.39	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.37	.30	.25	.36	.30	.25	.36	.29	.25	.23



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

WEC AND CCEC

Report number:

MANUFACTURER:				Address:											
NAME:				TYPE:						WEIGHT:					
SPECIFICATION:				DIMENSION:						SERIAL No.:					

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pf _c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.327	.186	.059	.320	.182	.058	.306	.176	.056	.293	.169	.054	.282	.163	.053	
2.0	.303	.166	.051	.297	.163	.050	.285	.158	.049	.274	.153	.048	.263	.149	.047	
3.0	.279	.148	.044	.273	.146	.044	.262	.142	.043	.252	.138	.042	.243	.135	.042	
4.0	.256	.133	.039	.251	.131	.039	.241	.128	.038	.232	.125	.038	.224	.122	.037	
5.0	.236	.120	.035	.231	.119	.035	.223	.116	.034	.215	.113	.034	.208	.111	.033	
6.0	.218	.109	.031	.214	.108	.031	.207	.106	.031	.200	.104	.030	.193	.102	.030	
7.0	.203	.100	.028	.199	.099	.028	.192	.097	.028	.186	.095	.028	.180	.094	.027	
8.0	.189	.092	.026	.186	.091	.026	.180	.090	.026	.174	.088	.025	.169	.087	.025	
9.0	.177	.086	.024	.174	.085	.024	.169	.083	.024	.163	.082	.023	.159	.081	.023	
10.0	.166	.080	.022	.164	.079	.022	.159	.078	.022	.154	.076	.022	.150	.075	.022	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pf _c	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.195	.195	.195	.167	.167	.167	.114	.114	.114	.065	.065	.065	.021	.021	.021	
1.0	.186	.160	.137	.159	.137	.118	.109	.095	.082	.063	.055	.047	.020	.018	.015	
2.0	.178	.136	.101	.152	.117	.087	.104	.081	.061	.060	.047	.036	.019	.015	.012	
3.0	.170	.118	.077	.146	.102	.067	.100	.071	.047	.058	.041	.028	.019	.013	.009	
4.0	.162	.105	.061	.139	.091	.053	.096	.063	.037	.055	.037	.022	.018	.012	.007	
5.0	.155	.094	.050	.133	.082	.044	.092	.057	.031	.053	.034	.018	.017	.011	.006	
6.0	.147	.086	.042	.127	.075	.037	.087	.052	.026	.051	.031	.015	.016	.010	.005	
7.0	.140	.079	.036	.121	.069	.032	.083	.048	.022	.048	.028	.013	.016	.009	.004	
8.0	.134	.073	.032	.115	.064	.028	.080	.045	.020	.046	.026	.012	.015	.009	.004	
9.0	.128	.068	.028	.110	.059	.025	.076	.042	.018	.044	.025	.010	.014	.008	.003	
10.0	.122	.064	.026	.105	.056	.022	.073	.039	.016	.042	.023	.009	.014	.008	.003	

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

Uncorrected UGR Table

Report number:

MANUFACTURER:					Address:					
NAME:					TYPE:			WEIGHT:		
SPECIFICATION:					DIMENSION:			SERIAL No.:		

ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H	y = 2H	17.3	18.8	17.5	19.0	19.2	17.0	18.6	17.3	18.8	19.0
	3H	18.9	20.3	19.2	20.6	20.8	18.6	20.1	18.9	20.3	20.6
	4H	19.6	21.0	20.0	21.3	21.5	19.3	20.7	19.6	20.9	21.2
	6H	20.2	21.5	20.6	21.8	22.1	19.8	21.1	20.2	21.4	21.7
	8H	20.4	21.7	20.8	22.0	22.3	20.0	21.3	20.4	21.6	21.9
	12H	20.6	21.8	21.0	22.1	22.4	20.2	21.4	20.5	21.7	22.0
4H	2H	17.9	19.2	18.2	19.5	19.7	17.7	19.0	18.0	19.3	19.6
	3H	19.7	20.9	20.1	21.2	21.5	19.5	20.7	19.8	21.0	21.3
	4H	20.5	21.6	20.9	22.0	22.3	20.3	21.4	20.7	21.7	22.1
	6H	21.3	22.2	21.7	22.6	23.0	20.9	21.9	21.3	22.3	22.7
	8H	21.5	22.4	22.0	22.8	23.2	21.2	22.1	21.6	22.5	22.9
	12H	21.8	22.6	22.2	23.0	23.4	21.4	22.2	21.8	22.6	23.0
8H	4H	20.8	21.7	21.2	22.1	22.5	20.6	21.5	21.0	21.9	22.3
	6H	21.7	22.5	22.2	22.9	23.3	21.4	22.2	21.9	22.6	23.0
	8H	22.1	22.7	22.5	23.2	23.6	21.8	22.4	22.2	22.9	23.3
	12H	22.4	23.0	22.9	23.4	23.9	22.1	22.6	22.5	23.1	23.6
12H	4H	20.8	21.7	21.3	22.1	22.5	20.6	21.5	21.1	21.9	22.3
	6H	21.8	22.4	22.2	22.9	23.3	21.5	22.2	22.0	22.6	23.1
	8H	22.2	22.8	22.7	23.2	23.7	21.9	22.5	22.4	22.9	23.4

Variations with the observer position at spacings:

S = 1.0H	+ 0.1 / - 0.2	+ 0.1 / - 0.2
1.5H	+ 0.1 / - 0.2	+ 0.2 / - 0.3
2.0H	+ 0.2 / - 0.3	+ 0.1 / - 0.3

CIE Pub.117 Corrected 8127 lm Total Lamp Luminous Flux. (8log(F/F0) = 7.3)

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:	Address:		
NAME:	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	45	38	56	45	38	55	44	38	31
0.80	67	55	48	66	55	47	64	54	47	40
1.00	75	64	56	74	63	56	72	65	56	48
1.25	83	72	64	81	71	64	78	69	63	55
1.50	88	77	70	86	76	70	83	75	68	61
2.00	95	86	79	93	84	78	89	82	77	68
2.50	99	90	84	96	89	83	93	86	81	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	104	98	94	99	95	91	82
5.00	109	104	99	106	102	98	102	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

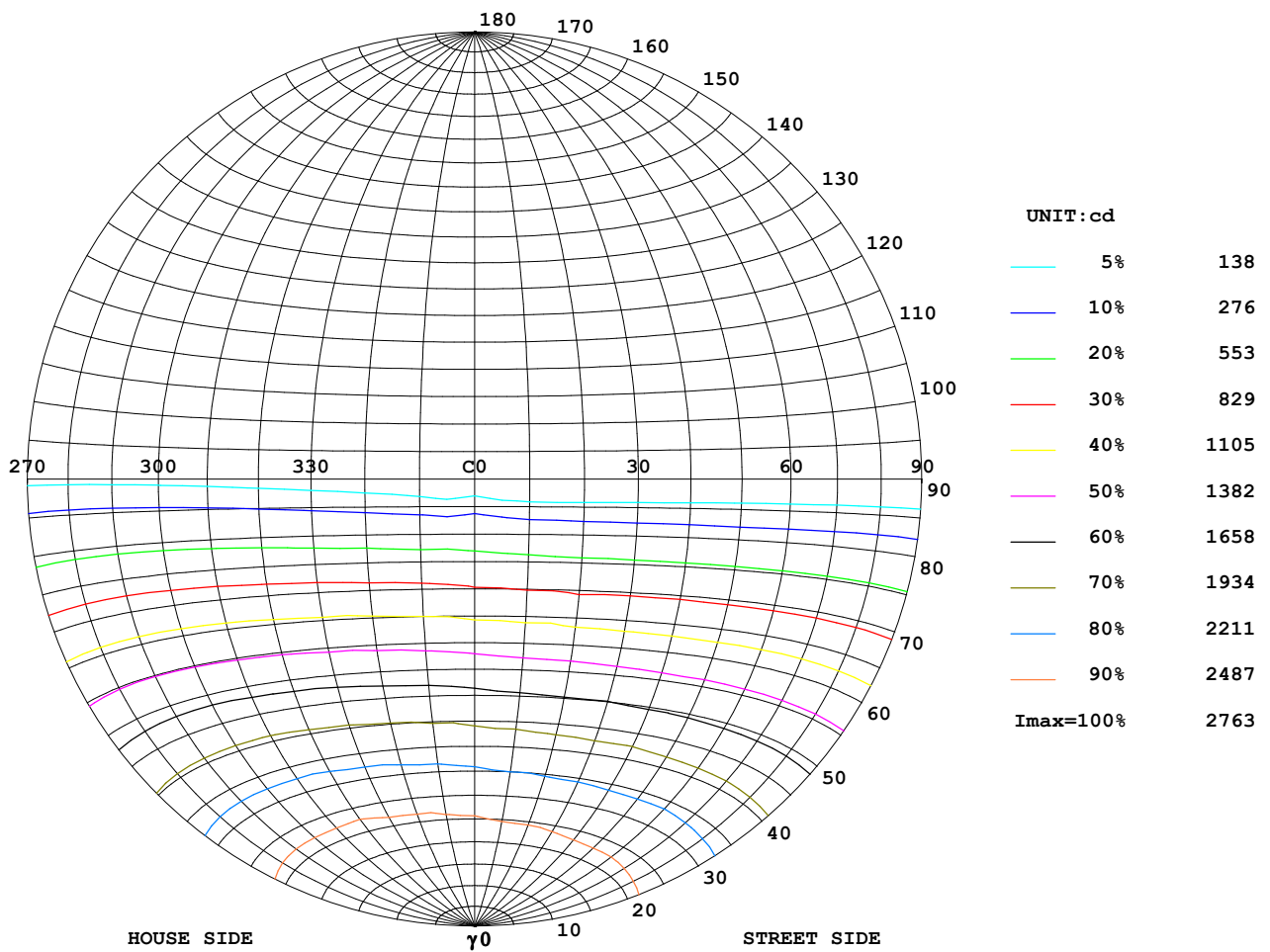
Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

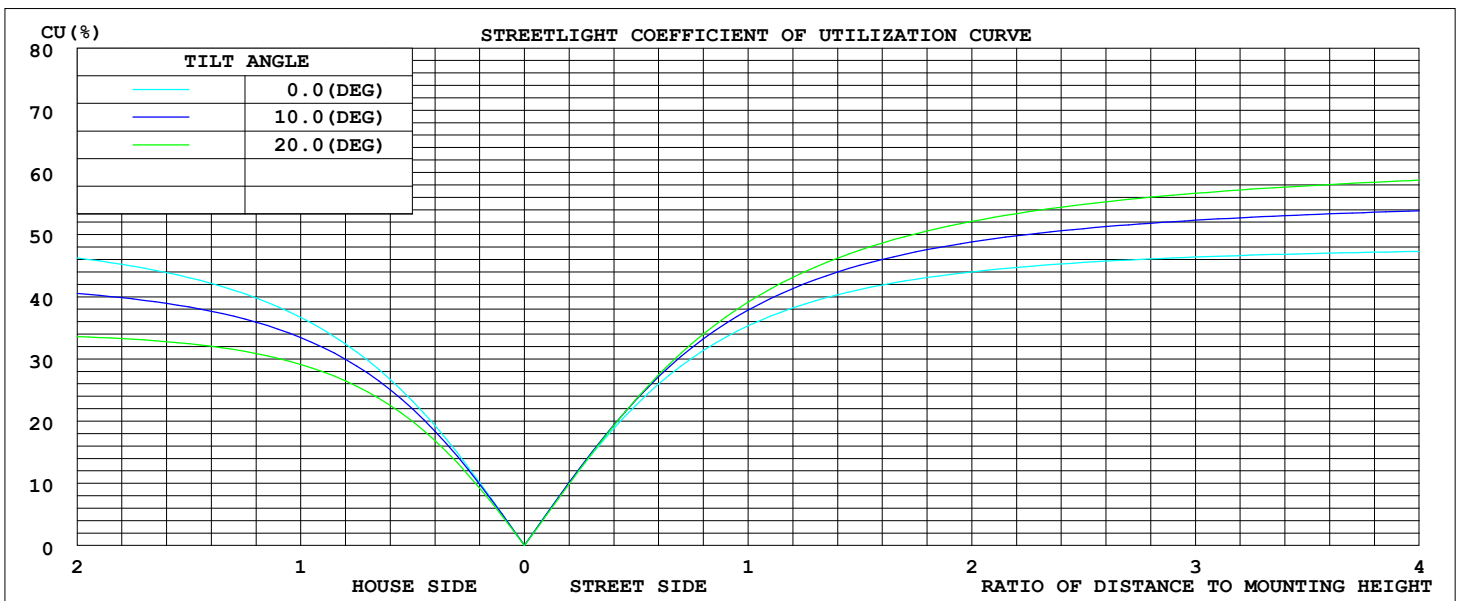
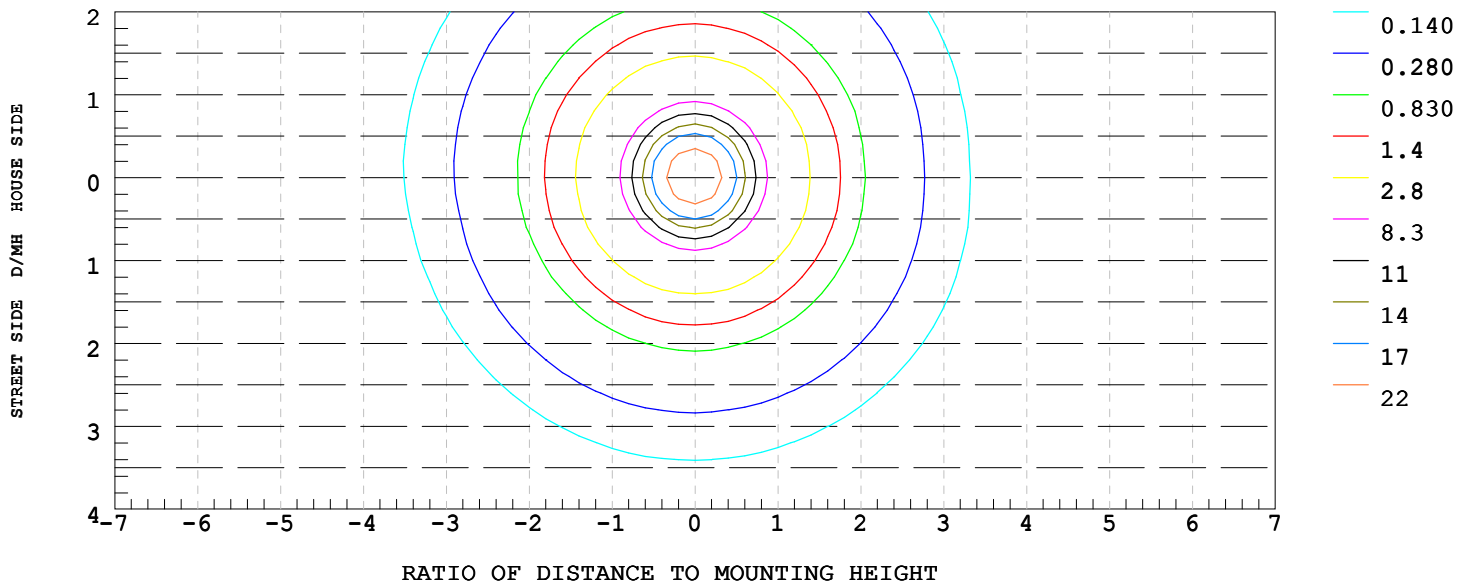
Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

ILLUMINANCE AT MH=10 m, Enadir = 27.61 lx



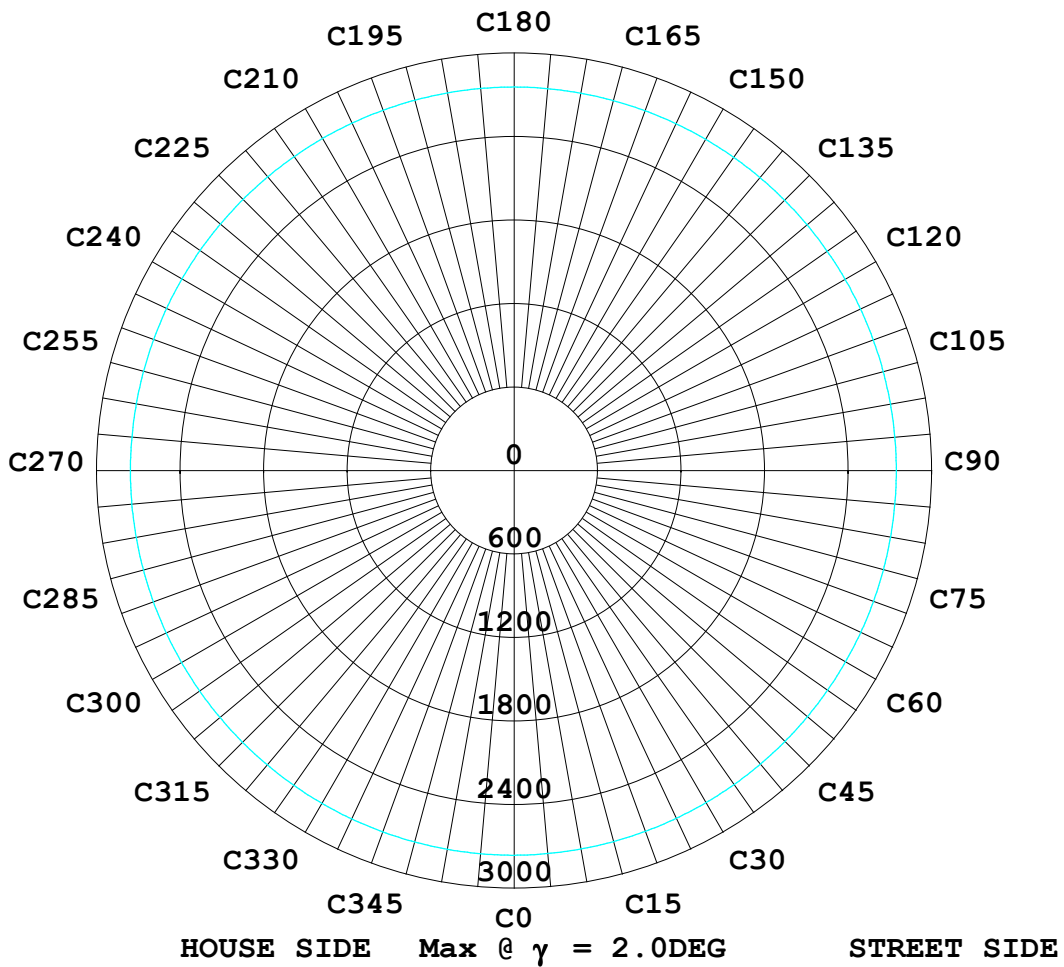
Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C (DEG)														
	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70
0.0	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761
5.0	2758	2755	2752	2749	2746	2743	2741	2739	2736	2734	2732	2730	2728	2727	2726
10.0	2730	2724	2718	2713	2709	2705	2702	2700	2697	2694	2693	2692	2690	2689	2688
15.0	2678	2668	2661	2654	2649	2646	2644	2643	2643	2638	2631	2626	2621	2617	2614
20.0	2603	2591	2581	2575	2571	2569	2567	2557	2550	2544	2540	2537	2535	2534	2531
25.0	2501	2487	2477	2471	2472	2466	2455	2448	2445	2442	2441	2436	2429	2424	2421
30.0	2382	2366	2356	2352	2346	2334	2327	2325	2323	2315	2310	2305	2303	2301	2300
35.0	2237	2219	2210	2210	2197	2190	2190	2181	2174	2170	2170	2172	2163	2155	2149
40.0	2079	2060	2054	2043	2033	2032	2022	2018	2018	2015	2005	1998	1993	1988	1985
45.0	1897	1880	1880	1864	1861	1852	1846	1847	1838	1830	1824	1821	1816	1811	1805
50.0	1711	1691	1683	1672	1666	1662	1661	1648	1641	1639	1633	1626	1622	1619	1616
55.0	1503	1490	1478	1476	1464	1460	1448	1448	1439	1431	1429	1427	1424	1421	1418
60.0	1294	1277	1265	1256	1258	1245	1240	1229	1227	1224	1220	1219	1217	1216	1215
65.0	1073	1087	1053	1078	1032	1024	1020	1034	1013	1011	1010	1010	1007	1005	1003
70.0	835	836	819	819	806	803	802	801	800	795	793	791	790	789	788
75.0	633	622	608	597	591	590	586	584	580	579	577	575	574	573	573
80.0	425	403	391	384	380	375	370	370	367	366	364	362	360	359	358
85.0	220	191	179	169	170	169	167	168	170	172	173	174	175	176	177
90.0	21.0	0.89	0.89	0.89	0.84	0.84	0.84	0.84	0.84	0.78	0.73	0.73	0.73	0.73	0.67
95.0	3.40	2.15	1.66	1.62	1.55	1.62	1.61	1.56	1.53	1.49	1.45	1.44	1.43	1.43	1.41
100.0	3.40	2.73	2.44	2.23	2.40	2.45	2.33	2.27	2.20	2.19	2.17	2.15	2.14	2.14	2.15
105.0	4.41	3.70	3.12	3.17	3.42	3.18	3.20	3.03	2.86	2.86	2.88	2.85	2.83	2.84	2.89
110.0	5.36	4.68	4.53	4.54	4.23	3.95	3.85	3.73	3.58	3.61	3.56	3.58	3.52	3.57	3.62
115.0	6.87	6.16	5.81	5.26	4.94	4.84	4.68	4.33	4.39	4.45	4.40	4.37	4.21	4.32	4.35
120.0	7.87	7.05	6.38	6.35	5.81	5.64	5.22	5.27	5.18	5.11	5.06	5.05	5.05	5.02	5.08
125.0	8.38	7.78	7.21	6.95	6.55	6.10	6.20	5.87	6.02	5.97	5.94	5.70	5.73	5.88	5.79
130.0	8.88	8.35	7.83	7.35	7.21	7.14	7.00	6.94	6.89	6.63	6.57	6.58	6.58	6.64	6.50
135.0	9.83	9.33	8.84	8.37	8.20	8.22	7.81	7.78	7.51	7.45	7.18	7.25	7.33	7.34	7.20
140.0	10.7	10.3	9.85	9.41	8.99	8.99	8.61	8.63	8.30	8.01	8.08	8.11	8.21	8.03	8.18
145.0	11.2	10.8	10.4	10.0	9.87	9.76	9.41	9.09	9.15	8.92	8.95	9.07	8.87	8.71	8.90
150.0	11.7	11.4	11.0	10.7	10.4	10.1	10.2	9.93	10.0	9.87	9.90	9.70	9.53	9.73	9.60
155.0	12.2	11.9	11.6	11.4	11.3	11.2	10.9	11.0	10.9	10.6	10.4	10.3	10.5	10.4	10.3
160.0	13.2	12.9	12.7	12.4	12.2	12.0	11.8	11.5	11.4	11.2	11.4	11.3	11.2	11.0	11.0
165.0	13.2	13.0	12.8	12.6	12.5	12.5	12.6	12.4	12.3	12.1	12.0	11.9	11.8	11.7	12.0
170.0	13.7	13.6	13.4	13.3	13.2	13.1	13.0	12.9	12.8	12.7	12.6	12.6	12.9	12.8	12.8
175.0	14.2	14.1	14.1	14.0	13.9	13.9	13.8	13.8	13.7	13.7	13.6	13.6	13.5	13.5	13.5
180.0	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) \ γ (DEG)	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145
0.0	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761
5.0	2725	2724	2723	2722	2722	2722	2721	2720	2720	2720	2721	2721	2721	2722	2723
10.0	2687	2686	2685	2683	2682	2680	2678	2676	2673	2672	2670	2669	2669	2668	2668
15.0	2611	2608	2605	2603	2601	2599	2597	2596	2595	2595	2594	2595	2598	2600	2598
20.0	2530	2528	2526	2524	2521	2517	2514	2510	2506	2503	2499	2497	2497	2498	2501
25.0	2416	2413	2410	2407	2404	2400	2398	2396	2394	2392	2393	2392	2388	2384	2381
30.0	2297	2295	2294	2290	2286	2282	2277	2271	2266	2261	2258	2256	2256	2257	2252
35.0	2144	2140	2136	2132	2129	2125	2123	2120	2119	2119	2120	2110	2105	2103	2105
40.0	1982	1980	1977	1974	1971	1966	1963	1957	1952	1950	1946	1946	1948	1943	1936
45.0	1801	1797	1794	1791	1787	1784	1781	1778	1777	1778	1773	1768	1765	1762	1764
50.0	1615	1612	1610	1608	1604	1600	1596	1592	1588	1583	1581	1581	1580	1573	1570
55.0	1415	1413	1411	1409	1406	1403	1400	1397	1393	1391	1389	1382	1377	1377	1377
60.0	1214	1213	1211	1210	1207	1205	1202	1198	1194	1190	1188	1181	1179	1171	1167
65.0	1001	1001	999	997	995	993	991	990	987	987	986	980	975	968	965
70.0	787	787	786	785	782	780	779	778	777	778	775	773	772	768	763
75.0	572	572	571	570	568	567	566	566	566	567	567	567	565	564	562
80.0	357	357	356	355	354	354	354	355	356	357	359	360	361	363	363
85.0	178	178	178	178	177	176	176	176	175	174	173	173	172	172	171
90.0	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	0.67	1.11
95.0	1.39	1.40	1.42	1.42	1.42	1.40	1.42	1.44	1.44	1.44	1.45	1.50	1.53	1.53	1.64
100.0	2.11	2.14	2.18	2.17	2.18	2.15	2.17	2.21	2.20	2.21	2.23	2.33	2.39	2.38	2.28
105.0	2.83	2.88	2.94	2.93	2.94	2.91	2.92	2.98	2.97	2.97	3.03	3.14	3.22	3.32	3.24
110.0	3.55	3.61	3.69	3.68	3.69	3.68	3.67	3.74	3.72	3.72	3.88	3.93	4.01	4.29	4.24
115.0	4.33	4.35	4.45	4.44	4.45	4.48	4.41	4.50	4.47	4.62	4.64	4.69	4.96	5.09	5.25
120.0	5.15	5.08	5.21	5.19	5.21	5.25	5.15	5.25	5.21	5.37	5.38	5.46	5.71	5.82	6.22
125.0	5.89	5.81	5.96	5.95	5.96	6.01	5.89	6.00	6.09	6.11	6.10	6.36	6.41	6.76	6.90
130.0	6.62	6.54	6.72	6.70	6.72	6.77	6.75	6.73	6.88	6.83	7.05	7.05	7.35	7.42	7.82
135.0	7.35	7.27	7.47	7.45	7.47	7.52	7.49	7.46	7.61	7.61	7.74	8.00	8.01	8.35	8.40
140.0	8.07	7.99	8.22	8.21	8.22	8.27	8.19	8.18	8.33	8.51	8.42	8.67	8.94	8.93	9.29
145.0	8.79	8.80	8.98	8.96	8.98	9.03	9.10	9.11	9.03	9.20	9.41	9.30	9.56	9.85	9.80
150.0	9.51	9.77	9.73	9.72	9.73	9.77	9.85	9.66	9.73	9.88	10.0	10.2	10.2	10.3	10.6
155.0	10.2	10.5	10.4	10.4	10.4	10.5	10.5	10.6	10.5	10.5	10.7	10.8	11.0	11.3	11.4
160.0	11.2	11.2	11.2	11.2	11.2	11.2	11.3	11.3	11.4	11.2	11.6	11.4	11.6	11.8	12.0
165.0	12.0	12.0	11.9	11.9	11.9	12.0	12.0	12.1	12.1	12.2	12.3	12.2	12.4	12.5	12.4
170.0	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.8	12.8	12.9	13.0	13.0	13.1	13.2	13.3
175.0	13.5	13.5	13.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.6	13.6	13.7	13.7	13.8
180.0	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) \ γ (DEG)	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220
0.0	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761
5.0	2724	2726	2728	2731	2734	2737	2740	2739	2739	2739	2738	2739	2739	2740	2741
10.0	2669	2670	2673	2677	2681	2687	2693	2692	2691	2691	2693	2695	2698	2701	2706
15.0	2596	2596	2598	2601	2606	2613	2622	2620	2620	2623	2627	2632	2638	2646	2654
20.0	2505	2505	2504	2505	2510	2518	2531	2528	2528	2533	2541	2551	2560	2561	2563
25.0	2382	2387	2389	2388	2392	2401	2414	2412	2414	2421	2433	2439	2442	2450	2460
30.0	2248	2249	2254	2256	2257	2265	2280	2278	2282	2294	2303	2306	2314	2327	2340
35.0	2106	2098	2096	2103	2102	2108	2124	2121	2129	2144	2146	2158	2176	2182	2187
40.0	1933	1937	1930	1932	1936	1939	1955	1954	1964	1973	1980	1998	2003	2014	2029
45.0	1756	1755	1756	1749	1753	1752	1768	1766	1782	1786	1805	1813	1823	1841	1848
50.0	1568	1561	1560	1557	1558	1559	1573	1573	1584	1593	1605	1615	1631	1645	1660
55.0	1366	1367	1361	1363	1349	1351	1363	1363	1372	1394	1400	1415	1426	1450	1461
60.0	1167	1160	1156	1148	1144	1143	1153	1154	1162	1172	1189	1203	1222	1233	1250
65.0	948	953	947	945	939	926	932	934	950	964	972	1015	1005	1023	1037
70.0	755	751	743	731	723	715	716	717	726	738	759	777	784	809	825
75.0	558	552	543	533	524	510	506	505	515	529	547	565	581	598	614
80.0	365	361	355	347	332	315	298	295	303	329	346	365	382	396	411
85.0	172	174	173	167	153	139	96.1	72.5	113	138	166	178	190	205	219
90.0	1.89	3.24	4.24	5.08	5.58	8.32	1.67	1.78	1.95	2.12	9.49	18.4	28.0	37.6	47.1
95.0	1.67	1.43	0.52	0.00	0.00	0.00	0.00	0.00	0.17	0.69	0.00	0.00	2.01	6.80	12.4
100.0	1.72	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	2.38	0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	3.48	1.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	5.16	3.91	1.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	6.27	6.26	5.05	3.74	2.01	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	7.36	7.58	7.71	7.59	6.79	6.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	7.94	8.44	8.99	9.21	9.43	10.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	8.82	9.29	9.41	9.95	10.5	11.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	9.37	9.72	10.1	10.6	11.1	11.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	10.1	10.5	10.9	11.0	11.3	11.7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	10.9	11.3	11.2	11.5	11.9	12.3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	11.4	11.6	11.9	12.2	12.5	12.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	12.2	12.4	12.7	12.9	13.2	13.4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	12.6	12.8	12.9	13.1	13.3	13.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	13.4	13.5	13.5	13.5	13.5	13.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	13.8	13.9	13.9	14.0	14.1	14.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	14.2	14.2	14.2	14.2	14.2	14.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) \ γ (DEG)	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295
0.0	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761
5.0	2742	2743	2745	2746	2747	2748	2749	2751	2751	2752	2752	2753	2754	2755	2755
10.0	2710	2714	2719	2723	2727	2731	2735	2737	2740	2742	2744	2746	2746	2745	2745
15.0	2657	2659	2662	2666	2669	2672	2675	2679	2682	2684	2687	2689	2691	2692	2694
20.0	2569	2575	2582	2590	2598	2605	2612	2617	2623	2627	2629	2631	2632	2631	2630
25.0	2471	2483	2488	2492	2497	2503	2508	2513	2518	2523	2527	2529	2532	2535	2536
30.0	2346	2352	2360	2369	2378	2388	2398	2407	2413	2418	2423	2425	2426	2426	2425
35.0	2197	2211	2228	2234	2241	2247	2255	2263	2269	2275	2280	2283	2287	2290	2292
40.0	2044	2050	2060	2073	2084	2095	2107	2116	2125	2132	2135	2138	2140	2139	2138
45.0	1863	1877	1893	1906	1913	1922	1930	1939	1946	1953	1958	1962	1965	1967	1970
50.0	1680	1690	1700	1712	1726	1737	1748	1760	1767	1774	1779	1782	1783	1782	1783
55.0	1473	1489	1506	1517	1527	1538	1547	1556	1563	1570	1575	1578	1581	1582	1584
60.0	1269	1281	1295	1307	1319	1331	1341	1352	1359	1366	1370	1373	1374	1374	1372
65.0	1054	1072	1084	1095	1106	1118	1127	1135	1142	1148	1152	1155	1156	1157	1156
70.0	841	854	867	880	891	902	911	919	925	930	934	936	936	936	934
75.0	628	643	655	667	678	688	696	703	709	713	717	718	718	717	714
80.0	423	436	446	457	466	474	481	488	493	497	499	501	501	500	497
85.0	232	244	255	265	273	281	288	294	298	301	303	303	302	300	296
90.0	55.8	64.4	72.0	79.3	85.5	91.4	96.5	101	104	106	107	106	104	102	99.2
95.0	18.2	24.0	29.6	35.0	39.7	44.1	47.9	50.9	53.0	54.3	54.5	53.5	51.5	48.9	45.6
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.01	2.07	2.45	1.95	0.67	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
 Test Distance:7.000 m
 Remarks:

HONGPU GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd

C (DEG) \ γ (DEG)	300	305	310	315	320	325	330	335	340	345	350	355
0.0	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761	2761
5.0	2755	2755	2755	2755	2756	2756	2756	2756	2756	2756	2757	2758
10.0	2743	2742	2740	2738	2736	2734	2732	2731	2729	2729	2728	2729
15.0	2695	2697	2698	2700	2702	2696	2690	2685	2681	2678	2677	2677
20.0	2628	2626	2624	2624	2624	2624	2627	2620	2612	2606	2602	2601
25.0	2539	2542	2543	2537	2532	2528	2525	2527	2523	2510	2503	2500
30.0	2423	2422	2422	2422	2424	2416	2408	2404	2404	2397	2386	2381
35.0	2294	2298	2291	2283	2281	2281	2281	2269	2262	2262	2245	2237
40.0	2138	2136	2134	2136	2130	2122	2117	2118	2104	2099	2092	2079
45.0	1972	1970	1964	1960	1957	1954	1944	1940	1938	1922	1922	1901
50.0	1781	1779	1780	1779	1769	1762	1761	1750	1743	1734	1726	1714
55.0	1584	1582	1577	1571	1570	1568	1554	1550	1540	1542	1523	1513
60.0	1370	1368	1364	1362	1357	1348	1349	1338	1333	1318	1311	1301
65.0	1154	1152	1146	1141	1136	1129	1131	1119	1109	1105	1099	1098
70.0	931	927	923	919	913	907	900	891	888	879	868	857
75.0	711	706	700	694	684	681	675	669	659	655	648	647
80.0	494	489	484	477	470	461	451	444	439	433	428	424
85.0	292	286	280	272	264	254	245	236	225	212	194	180
90.0	94.5	89.5	83.6	76.9	69.6	61.6	52.8	43.7	33.4	22.2	12.3	5.64
95.0	41.2	36.2	30.5	24.2	17.4	10.0	2.36	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2019-10-18

Test Set: 7.0deg/s B-Beta (TYPE B)
 Humidity:65.0%
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