

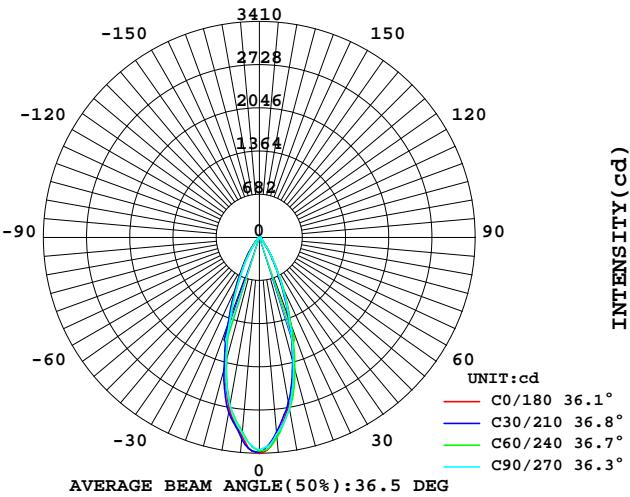
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

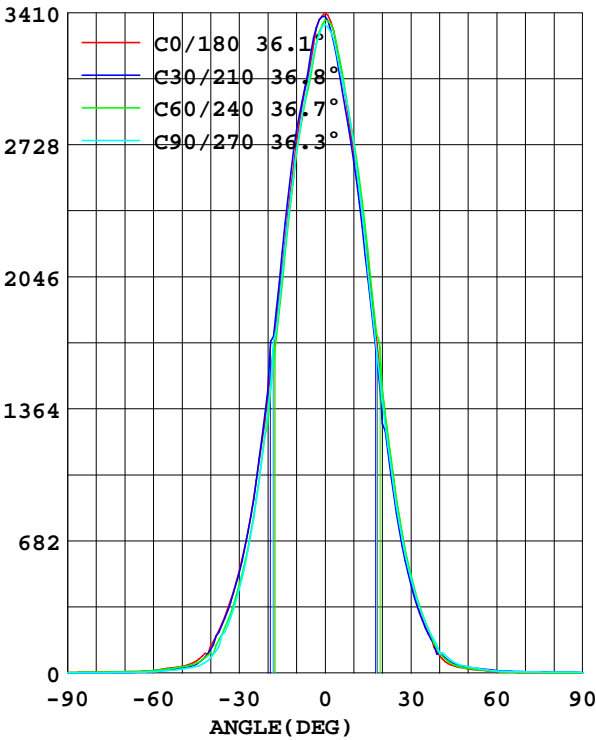
MANUFACTURER:			
Address:			
NAME: LS-CS-6WRS-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	3410	S/MH(C0/180)	0.58
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	0.58
NOMINAL POWER(W)	20	TOTAL FLUX(lm)	1496.7	Voltage(V)	121.9
RATED VOLTAGE(V)	122	EFFICIENCY(lm/W)	75.5	Current(A)	0.164
NOMINAL FLUX(lm)	1496.7	h up(%)	0.9	Power(W)	19.82
LAMPS QUANTITY	1	h down(%)	99.1	Power Factor(PF)	0.989
TEST VOLTAGE(V)	121.9	Effictive Flux(lm)	1496.7	EEI	0.180

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



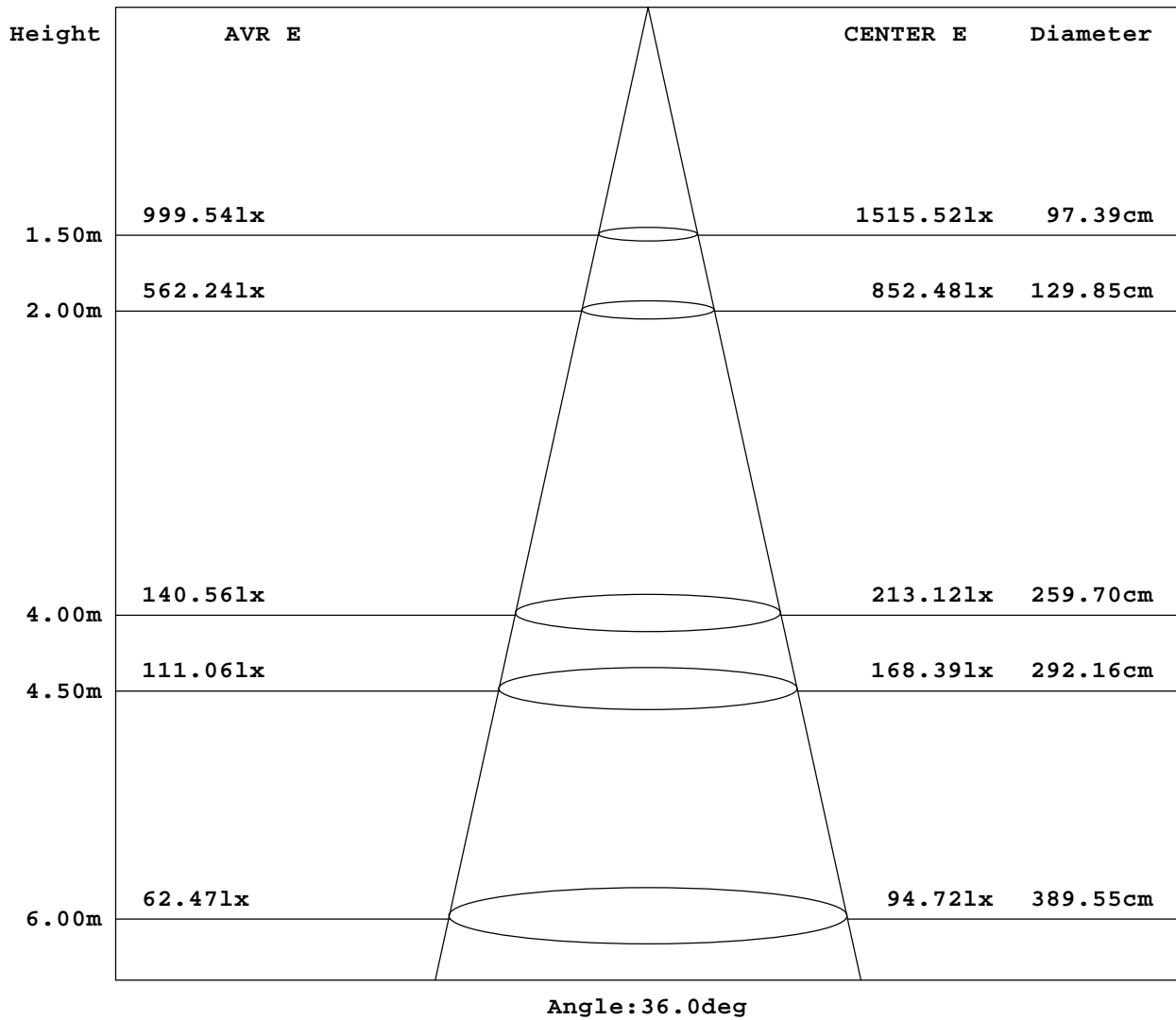
Test System:HOPPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.900 m  
Remarks:

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:			
Address:			
NAME: LS-CS-6WRS-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOPPO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.900 m  
Remarks:

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LS-CS-6WRS-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

g	C0	C45	C90	C135	C180	C225	C270	C315	g	Zone	tStal
5.0	3151	3137	3110	3099	3157	3133	3129	3100	0- 5	77.52	77.52
10.0	2746	2746	2702	2679	2701	2703	2743	2684	5- 10	207.5	285.1
15.0	2091	2089	2054	2073	2123	2105	2073	2045	10- 15	283.7	568.8
20.0	1437	1371	1351	1405	1450	1374	1403	1389	15- 20	284.9	853.7
25.0	902.5	852.3	798.1	854.7	887.9	860.6	858.2	862.4	20- 25	232.3	1086
30.0	526.8	488.2	433.8	468.6	485.5	483.2	489.0	496.5	25- 30	165.1	1251
35.0	291.5	259.0	212.0	231.4	241.1	250.0	262.1	269.1	30- 35	105.0	1356
40.0	137.6	112.3	77.86	94.52	89.35	105.5	98.05	120.7	35- 40	57.19	1414
45.0	62.58	47.79	33.24	41.68	36.48	45.54	55.90	52.18	40- 45	26.52	1440
50.0	34.67	28.63	20.39	24.83	21.12	27.30	32.44	28.37	45- 50	14.24	1454
55.0	23.56	17.59	12.49	16.95	13.50	17.63	19.11	19.77	50- 55	9.547	1464
60.0	11.87	9.764	5.917	10.06	6.718	9.659	10.40	11.71	55- 60	6.373	1470
65.0	8.075	6.126	3.515	6.857	4.316	6.265	7.553	7.414	60- 65	3.814	1474
70.0	6.405	4.333	2.332	4.455	2.854	4.490	6.230	4.507	65- 70	2.647	1477
75.0	5.151	3.411	1.601	3.515	2.123	3.602	5.047	3.602	70- 75	2.081	1479
80.0	4.142	2.628	1.009	2.662	1.531	2.837	4.142	2.819	75- 80	1.660	1480
85.0	3.411	2.053	0.627	2.053	1.079	2.297	3.550	2.280	80- 85	1.317	1482
90.0	3.028	1.705	0.522	1.705	0.940	1.949	3.167	1.949	85- 90	1.093	1483
95.0	2.784	1.618	0.522	1.601	0.975	1.827	2.924	1.827	90- 95	0.985	1484
100.0	2.610	1.531	0.522	1.514	0.975	1.723	2.715	1.723	95-100	0.922	1485
105.0	2.436	1.462	0.557	1.444	0.975	1.636	2.541	1.618	100-105	0.863	1486
110.0	2.297	1.409	0.592	1.392	1.009	1.549	2.367	1.531	105-110	0.806	1486
115.0	2.193	1.374	0.661	1.374	1.009	1.479	2.227	1.479	110-115	0.751	1487
120.0	2.088	1.374	0.696	1.357	1.044	1.444	2.088	1.427	115-120	0.700	1488
125.0	2.053	1.409	0.835	1.409	1.148	1.427	2.018	1.427	120-125	0.664	1489
130.0	2.088	1.514	1.009	1.514	1.322	1.531	2.018	1.514	125-130	0.650	1489
135.0	2.262	1.740	1.287	1.740	1.636	1.723	2.158	1.723	130-135	0.665	1490
140.0	2.575	2.140	1.740	2.123	2.088	2.088	2.436	2.071	135-140	0.717	1491
145.0	3.098	2.697	2.367	2.645	2.715	2.645	2.889	2.628	140-145	0.799	1491
150.0	3.794	3.463	3.167	3.376	3.515	3.393	3.585	3.359	145-150	0.896	1492
155.0	4.629	4.351	4.072	4.212	4.490	4.246	4.386	4.229	150-155	0.975	1493
160.0	5.569	5.256	5.012	5.099	5.499	5.204	5.325	5.151	155-160	0.997	1494
165.0	6.474	6.109	5.882	5.952	6.439	6.074	6.230	6.022	160-165	0.933	1495
170.0	7.275	6.874	6.648	6.648	7.275	6.840	6.996	6.753	165-170	0.768	1496
175.0	7.901	7.397	7.205	7.205	7.901	7.414	7.623	7.257	170-175	0.511	1496
180.0	8.180	7.588	7.832	7.414	8.180	7.588	7.832	7.414	175-180	0.181	1497
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.900 m  
Remarks:

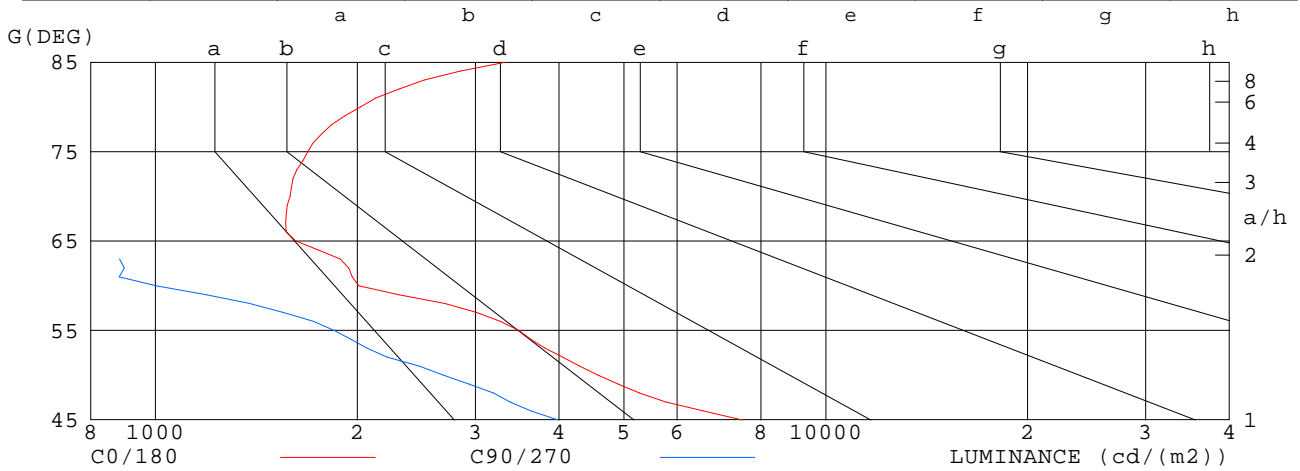
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:			
Address:			
NAME: LS-CS-6WRS-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

### LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/m2		
G (DEG)	C0/180	C90/270
85	3317	609
80	2022	493
75	1687	524
70	1587	578
65	1619	705
60	2012	1003
55	3482	1846
50	4571	2689
45	7501	3984

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/04/18

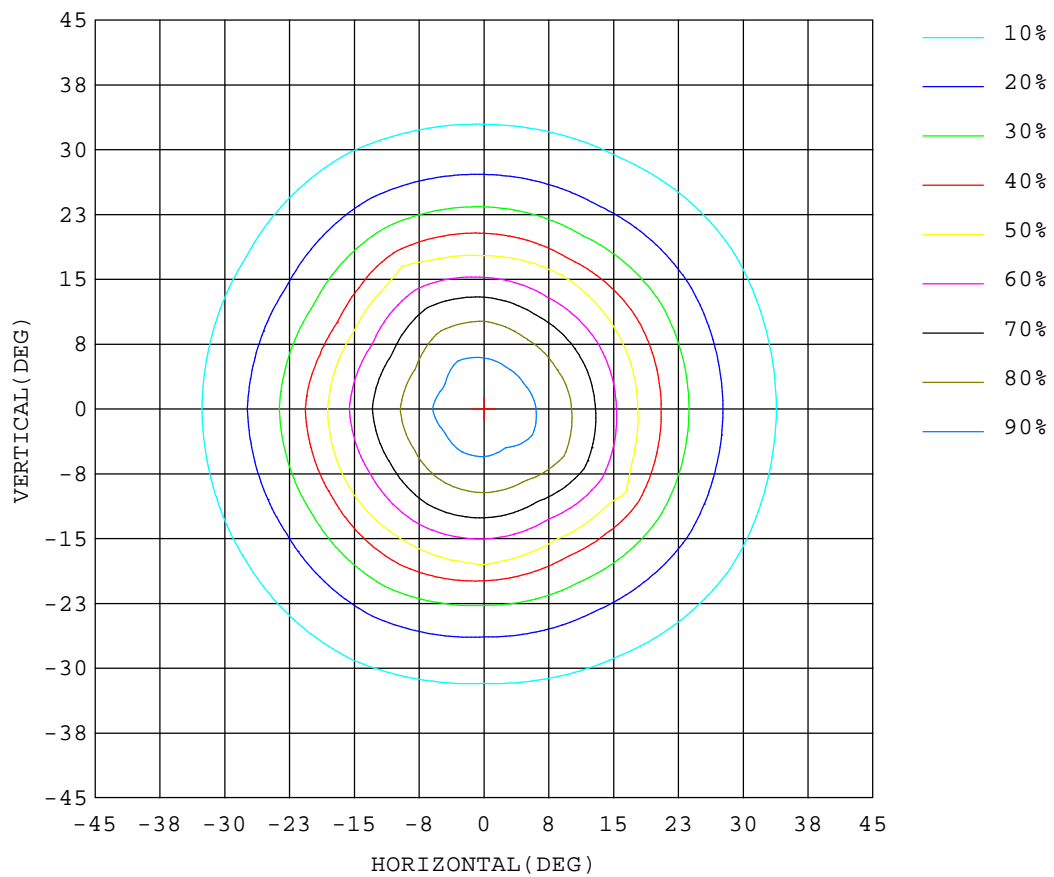
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LS-CS-6WRS-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

UNIT: cd



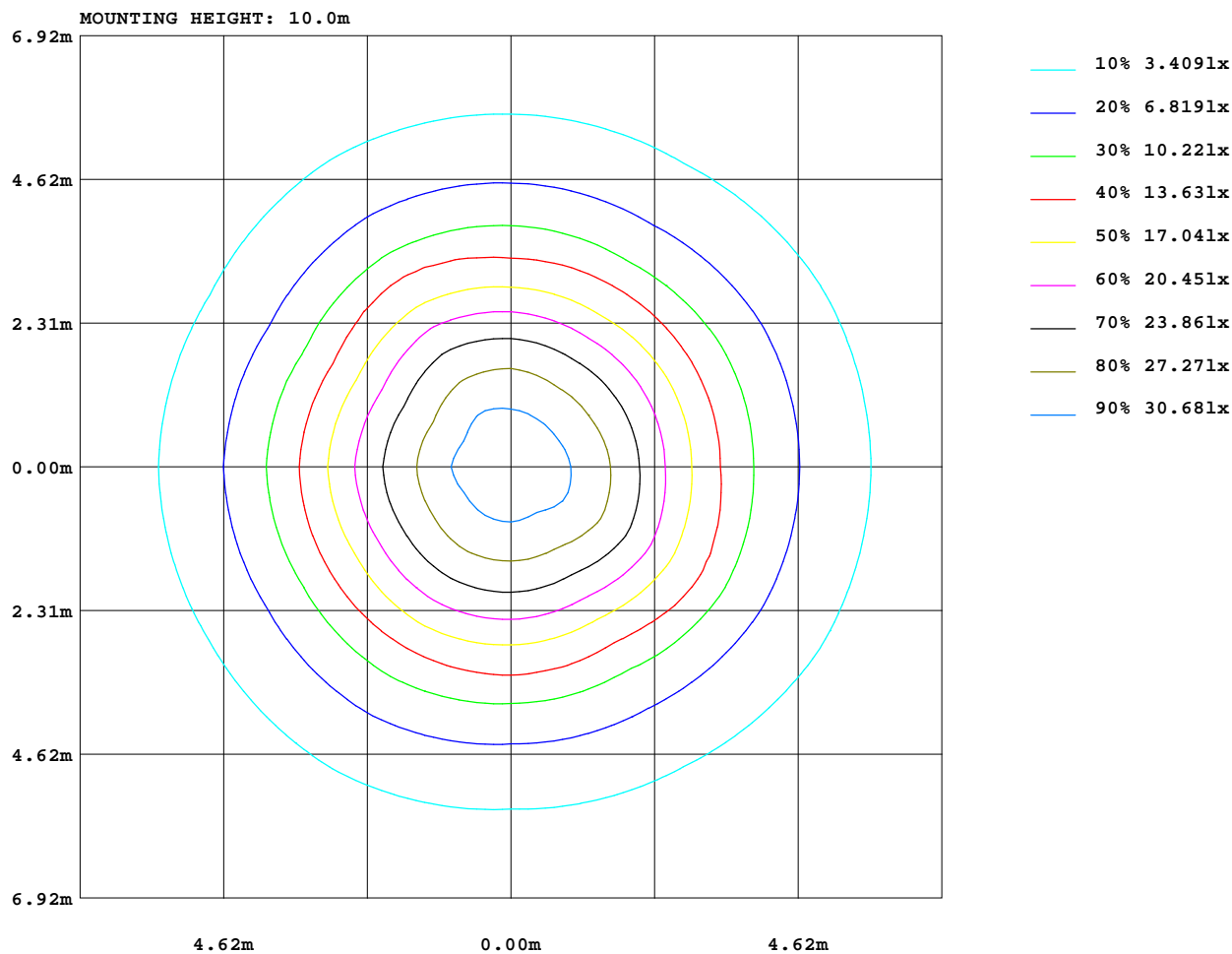
Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.900 m  
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LS-CS-6WRS-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.900 m  
Remarks:

AREA LUMINOUS FLUX

Report number:

MANUFACTURER:																			
Address:																			
NAME: LS-CS-6WRS-5CCT										TYPE:					WEIGHT:				
SPECIFICATION:					CCT(K): 3000					DIMENSION:					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.09	0.12	0.15	0.19	0.24	0.32	0.44	0.55	0.62	0.62	0.54	0.43	0.31	0.23	0.19	0.16	0.13	0.11	5.44	5.44		
	0.12	0.16	0.21	0.30	0.46	0.69	0.97	1.22	1.37	1.36	1.20	0.94	0.65	0.46	0.33	0.23	0.17	0.14	11.0	11.0		
	0.15	0.21	0.32	0.56	0.95	1.54	2.10	2.53	2.75	2.73	2.46	2.01	1.48	0.99	0.61	0.39	0.24	0.17	22.2	22.2		
	0.18	0.29	0.53	1.00	1.81	2.77	3.77	4.56	4.97	4.90	4.38	3.56	2.69	1.89	1.18	0.65	0.37	0.21	39.7	39.7		
	0.21	0.41	0.81	1.65	2.85	4.44	6.26	7.71	8.44	8.29	7.31	5.84	4.37	3.02	1.92	1.08	0.54	0.27	65.4	65.4		
	0.24	0.53	1.22	2.36	4.10	6.56	9.50	12.1	13.1	12.8	11.3	8.95	6.60	4.41	2.75	1.55	0.73	0.35	99.3	99.3		
	0.28	0.70	1.65	3.16	5.51	8.77	12.9	16.6	18.3	17.9	15.7	12.6	9.08	5.95	3.56	1.99	0.95	0.43	136	136		
	0.31	0.86	2.00	3.93	6.94	10.9	15.6	19.7	22.1	21.8	19.5	15.7	11.2	7.23	4.24	2.34	1.15	0.48	166	166		
	0.33	0.97	2.22	4.44	7.89	12.5	17.5	21.5	24.4	24.2	21.7	17.6	12.4	7.96	4.65	2.55	1.25	0.51	185	185		
	0.32	0.96	2.22	4.46	7.92	12.6	17.6	21.5	24.2	24.4	22.1	17.9	12.6	7.98	4.66	2.55	1.24	0.50	186	186		
	0.29	0.84	1.99	3.96	7.01	11.1	15.7	19.6	21.8	21.7	20.0	16.3	11.6	7.27	4.25	2.33	1.12	0.45	168	168		
	0.24	0.65	1.62	3.19	5.60	8.91	12.7	16.1	17.9	17.7	15.7	12.8	9.29	5.97	3.56	1.96	0.92	0.38	136	136		
	0.20	0.46	1.16	2.35	4.12	6.51	9.22	11.5	12.8	12.7	11.0	8.90	6.55	4.40	2.73	1.51	0.67	0.29	97.3	97.3		
	0.16	0.30	0.72	1.57	2.76	4.31	6.01	7.35	8.02	7.91	7.06	5.69	4.28	2.96	1.86	1.01	0.44	0.21	62.7	62.7		
	0.13	0.21	0.43	0.90	1.66	2.57	3.51	4.23	4.57	4.52	4.11	3.38	2.57	1.80	1.11	0.58	0.28	0.16	36.7	36.7		
	0.10	0.16	0.27	0.50	0.85	1.36	1.85	2.21	2.37	2.36	2.18	1.82	1.37	0.93	0.59	0.33	0.19	0.12	19.6	19.6		
	0.08	0.13	0.20	0.30	0.46	0.64	0.81	0.97	1.05	1.05	0.97	0.81	0.65	0.50	0.33	0.22	0.15	0.10	9.40	9.40		
	0.07	0.10	0.14	0.20	0.28	0.33	0.38	0.41	0.40	0.41	0.41	0.39	0.34	0.29	0.22	0.16	0.11	0.07	4.72	4.72		
	-45   -40   -35   -30   -25   -20   -15   -10   HORIZONTAL (DEG)   10   15   20   25   30   35   40   45																					
Φ t	3.48	8.05	17.9	35.0	61.4	97.0	137	171	190	188	168	136	98.3	64.2	38.7	21.6	10.6	4.94	1497			
Φ a	3.48	8.05	17.9	35.0	61.4	97.0	137	171	190	188	168	136	98.3	64.2	38.7	21.6	10.6	4.94		1497		

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2024/04/18

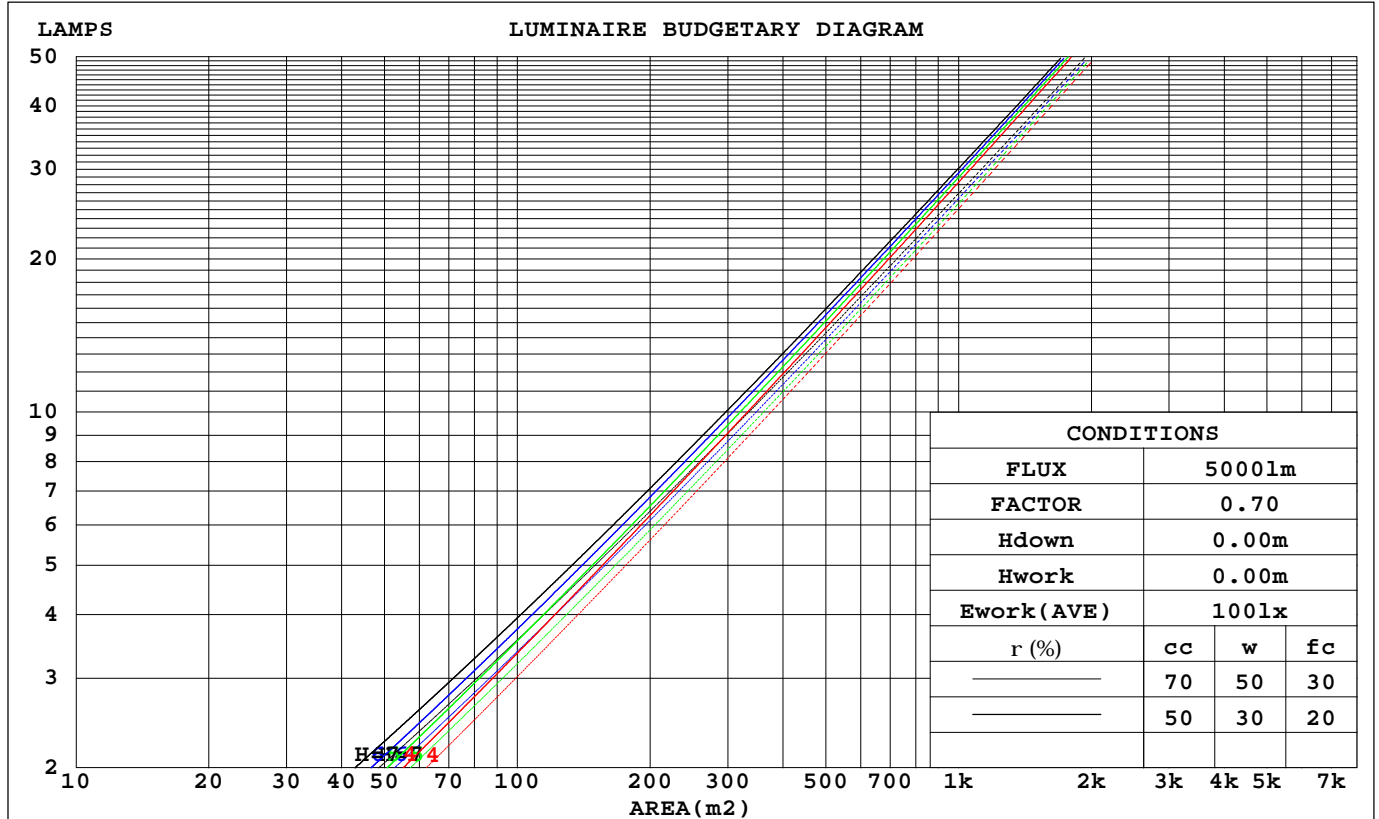
Test Set: 5.0deg/s   C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.900 m  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Report number:

<b>MANUFACTURER:</b>			
<b>Address:</b>			
<b>NAME:</b> LS-CS-6WRS-5CCT		<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>CCT(K):</b> 3000	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:



## WEC AND CCEC

Report number:

MANUFACTURER:											
Address:											
NAME: LS-CS-6WRS-5CCT						TYPE:			WEIGHT:		
SPECIFICATION:			CCT(K): 3000			DIMENSION:			SERIAL No.:		

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.163	.093	.029	.156	.089	.028	.143	.082	.026	.131	.076	.024	.120	.070	.022	
2.0	.154	.084	.026	.148	.081	.025	.137	.076	.024	.127	.071	.022	.117	.066	.021	
3.0	.145	.077	.023	.140	.075	.023	.131	.071	.022	.122	.067	.021	.114	.063	.020	
4.0	.137	.071	.021	.133	.069	.021	.125	.066	.020	.117	.063	.019	.110	.060	.018	
5.0	.130	.066	.019	.126	.065	.019	.119	.062	.018	.113	.059	.018	.107	.057	.017	
6.0	.123	.062	.018	.120	.061	.017	.114	.059	.017	.108	.056	.017	.103	.054	.016	
7.0	.118	.058	.016	.115	.057	.016	.110	.055	.016	.104	.054	.016	.100	.052	.015	
8.0	.112	.055	.015	.110	.054	.015	.105	.053	.015	.101	.051	.015	.096	.050	.014	
9.0	.108	.052	.015	.105	.051	.014	.101	.050	.014	.097	.049	.014	.093	.047	.014	
10.0	.103	.050	.014	.101	.049	.014	.097	.048	.013	.094	.047	.013	.090	.045	.013	

rcc	80%			70%			50%			30%			10%			0
rw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
rfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.197	.197	.197	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.177	.165	.153	.152	.141	.132	.104	.097	.091	.060	.056	.053	.019	.018	.017	
2.0	.161	.140	.122	.138	.120	.105	.094	.083	.073	.054	.048	.043	.017	.016	.014	
3.0	.148	.121	.099	.126	.104	.086	.087	.072	.060	.050	.042	.036	.016	.014	.012	
4.0	.136	.106	.082	.117	.091	.071	.080	.064	.050	.047	.037	.030	.015	.012	.010	
5.0	.127	.094	.069	.109	.081	.060	.075	.057	.043	.044	.033	.025	.014	.011	.008	
6.0	.119	.084	.059	.102	.073	.052	.071	.051	.037	.041	.030	.022	.013	.010	.007	
7.0	.112	.076	.052	.096	.066	.045	.067	.046	.032	.039	.027	.019	.012	.009	.006	
8.0	.106	.070	.045	.091	.061	.040	.063	.043	.028	.037	.025	.017	.012	.008	.006	
9.0	.101	.065	.040	.087	.056	.035	.060	.039	.025	.035	.023	.015	.011	.008	.005	
10.0	.096	.060	.036	.083	.052	.032	.057	.037	.022	.034	.022	.013	.011	.007	.004	

Test System:HOPPO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

## UGR Table

Report number:

MANUFACTURER:										
Address:										
NAME: LS-CS-6WRS-5CCT						TYPE:		WEIGHT:		
SPECIFICATION:		CCT(K): 3000				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	13.7	14.5	13.9	14.6	14.8	12.3	13.1	12.5	13.3	13.5
3H	13.6	14.3	13.8	14.5	14.7	12.2	13.0	12.5	13.2	13.4
4H	13.6	14.3	13.8	14.5	14.7	12.2	12.9	12.4	13.1	13.3
6H	13.6	14.2	13.9	14.5	14.8	12.1	12.8	12.4	13.0	13.3
8H	13.6	14.2	13.9	14.5	14.8	12.1	12.7	12.4	13.0	13.3
12H	13.7	14.3	14.0	14.6	14.8	12.0	12.7	12.4	12.9	13.2
4H 2H	13.5	14.2	13.7	14.4	14.6	12.1	12.8	12.4	13.1	13.3
3H	13.4	14.0	13.7	14.3	14.6	12.1	12.7	12.4	13.0	13.3
4H	13.4	13.9	13.7	14.2	14.6	12.1	12.7	12.5	13.0	13.3
6H	13.4	13.9	13.8	14.2	14.6	12.1	12.6	12.5	13.0	13.3
8H	13.5	13.9	13.9	14.3	14.7	12.1	12.6	12.5	12.9	13.3
12H	13.6	14.0	14.0	14.4	14.8	12.1	12.5	12.5	12.9	13.3
8H 4H	13.3	13.7	13.7	14.1	14.5	12.0	12.5	12.4	12.9	13.2
6H	13.3	13.7	13.7	14.1	14.5	12.1	12.5	12.6	12.9	13.4
8H	13.4	13.7	13.8	14.1	14.6	12.2	12.6	12.7	13.0	13.5
12H	13.5	13.8	14.0	14.3	14.8	12.3	12.6	12.8	13.1	13.5
12H 4H	13.2	13.6	13.6	14.0	14.4	12.0	12.4	12.4	12.8	13.2
6H	13.3	13.6	13.7	14.0	14.5	12.1	12.5	12.6	12.9	13.3
8H	13.3	13.6	13.8	14.1	14.6	12.3	12.5	12.7	13.0	13.5
Variations with the observer position at spacings:										
S = 1.0H	+ 3.2 / - 4.4					+ 2.4 / - 3.0				
1.5H	+ 5.3 / - 4.5					+ 4.0 / - 2.9				
2.0H	+ 4.2 / - 2.9					+ 2.1 / - 2.5				

CIE Pub.117 Corrected 1497 lm Total Lamp Luminous Flux.(8log(F/F0) = 1.4)

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:5.900 m  
 Remarks:

UTILIZATION FACTORS TABLE

Report number:

MANUFACTURER:			
Address:			
NAME: LS-CS-6WRS-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	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	88	82	78	88	82	78	87	81	78	75
0.80	95	90	86	95	89	86	93	89	85	82
1.00	100	94	91	99	94	90	97	93	90	86
1.25	103	98	95	102	98	95	100	96	94	89
1.50	106	101	98	105	101	98	102	99	96	92
2.00	109	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	103	105	103	101	94
3.00	112	108	106	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended				SHRNOM = 1.25		

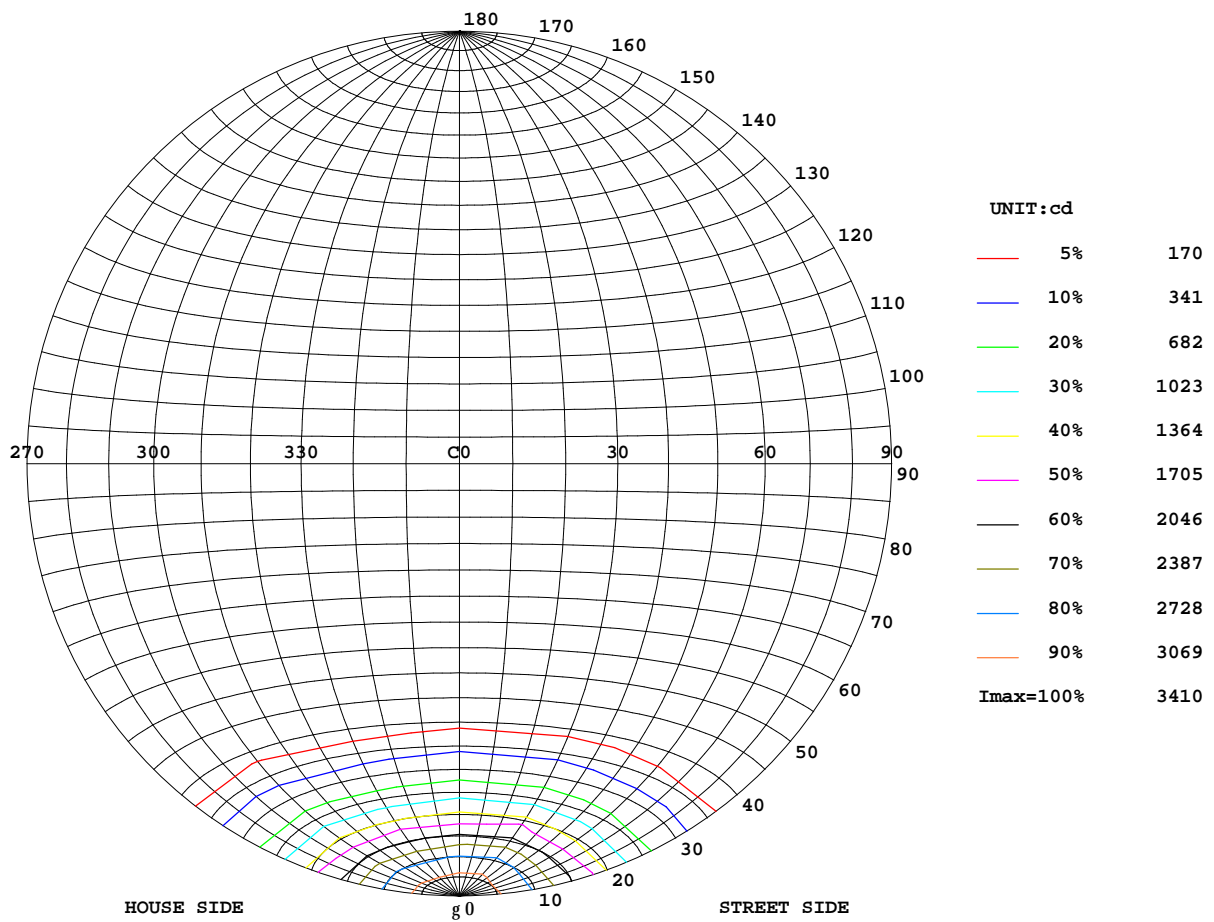
Test System:HOPPO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.900 m  
Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LS-CS-6WRS-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



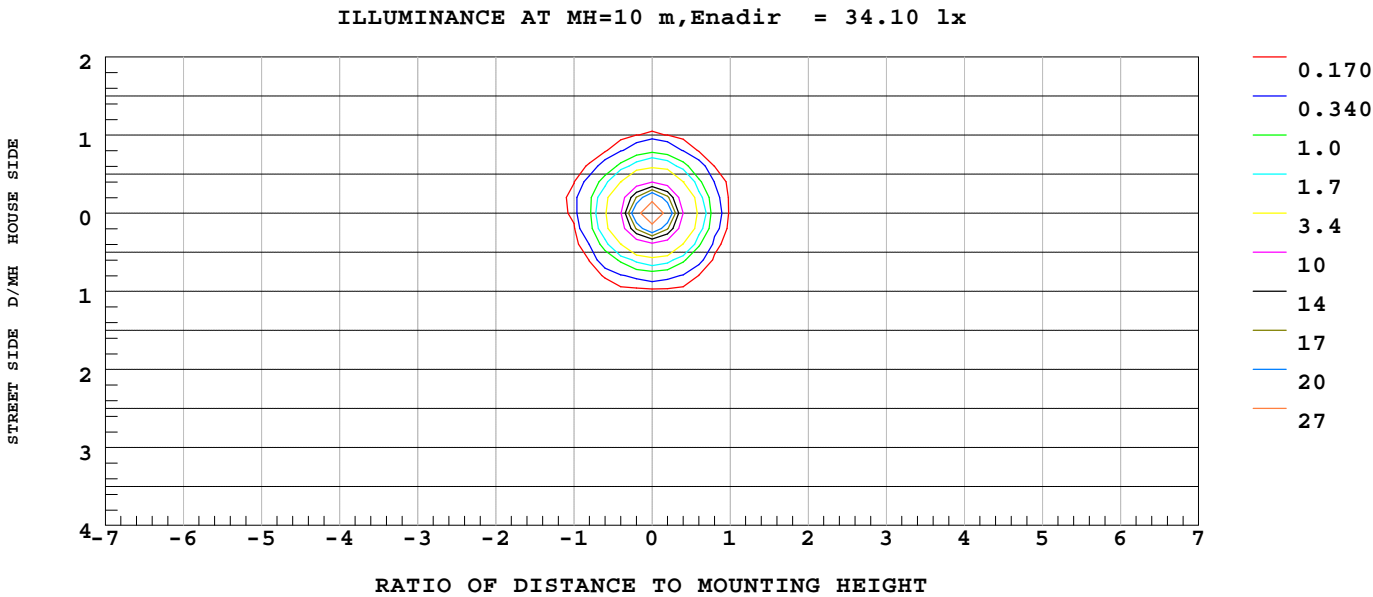
Test System:HOPPO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.900 m  
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LS-CS-6WRS-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



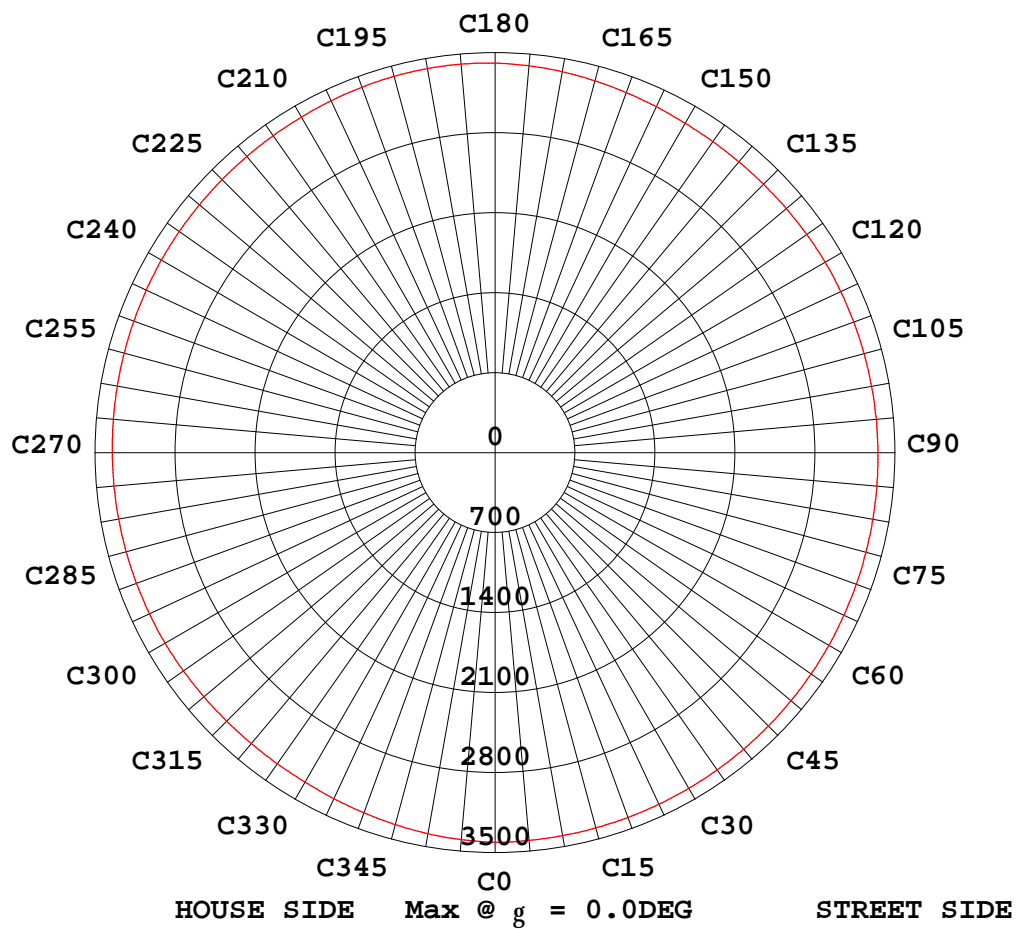
Test System:HOPPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.900 m  
Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: LS-CS-6WRS-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:



Test System:HOPPO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2024/04/18

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:5.900 m  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: LS-CS-6WRS-5CCT		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 3000	DIMENSION:	SERIAL No.:

UNIT: cd

γ (DEG)	C(DEG)											
	0	30	60	90	120	150	180	210	240	270	300	330
0.0	3410	3391	3372	3350	3335	3328	3410	3391	3372	3350	3335	3328
5.0	3151	3195	3078	3110	3104	3095	3157	3091	3175	3129	3103	3097
10.0	2746	2804	2687	2702	2693	2666	2701	2647	2759	2743	2678	2691
15.0	2091	2172	2005	2054	2083	2062	2123	2033	2176	2073	2021	2068
20.0	1437	1458	1284	1351	1417	1394	1450	1286	1462	1403	1348	1429
25.0	903	895	809	798	868	841	888	824	897	858	826	898
30.0	527	520	457	434	478	460	486	459	508	489	472	521
35.0	292	283	235	212	234	229	241	234	266	262	250	289
40.0	138	121	104	77.8	103	86.1	89.3	104	107	98.0	99.5	142
45.0	62.5	45.2	50.3	33.2	48.9	34.3	36.4	48.3	42.7	55.9	41.3	63.0
50.0	34.6	25.1	32.1	20.3	29.8	19.8	21.1	30.2	24.3	32.4	22.4	34.2
55.0	23.5	14.7	20.3	12.4	20.5	13.3	13.5	20.3	14.9	19.1	15.6	23.8
60.0	11.8	7.69	11.8	5.91	12.8	7.27	6.71	12.1	7.17	10.4	7.27	16.1
65.0	8.07	4.07	8.18	3.51	8.91	4.80	4.31	8.56	3.96	7.55	4.31	10.5
70.0	6.40	2.40	6.26	2.33	6.47	2.43	2.85	6.57	2.40	6.23	2.36	6.64
75.0	5.15	1.70	5.11	1.60	5.29	1.74	2.12	5.43	1.77	5.04	1.74	5.46
80.0	4.14	1.14	4.10	1.00	4.24	1.07	1.53	4.45	1.21	4.14	1.21	4.42
85.0	3.41	0.73	3.37	0.63	3.44	0.66	1.07	3.68	0.91	3.55	0.87	3.68
90.0	3.02	0.52	2.88	0.52	2.92	0.49	0.94	3.16	0.73	3.16	0.70	3.20
95.0	2.78	0.56	2.68	0.52	2.68	0.52	0.97	2.92	0.73	2.92	0.70	2.95
100.0	2.61	0.56	2.50	0.52	2.50	0.52	0.97	2.71	0.73	2.71	0.70	2.74
105.0	2.43	0.59	2.33	0.56	2.33	0.56	0.97	2.54	0.73	2.54	0.70	2.54
110.0	2.29	0.63	2.19	0.59	2.19	0.59	1.00	2.36	0.73	2.36	0.70	2.36
115.0	2.19	0.66	2.08	0.66	2.08	0.66	1.00	2.22	0.73	2.22	0.73	2.22
120.0	2.08	0.73	2.01	0.70	2.01	0.70	1.04	2.12	0.77	2.08	0.73	2.12
125.0	2.05	0.84	1.98	0.84	1.98	0.84	1.14	2.05	0.80	2.01	0.80	2.05
130.0	2.08	1.00	2.01	1.00	2.01	1.00	1.32	2.08	0.97	2.01	0.97	2.05
135.0	2.26	1.28	2.19	1.28	2.15	1.32	1.63	2.22	1.21	2.15	1.25	2.19
140.0	2.57	1.74	2.54	1.74	2.47	1.77	2.08	2.54	1.63	2.43	1.67	2.47
145.0	3.09	2.36	3.02	2.36	2.92	2.36	2.71	3.06	2.22	2.88	2.29	2.95
150.0	3.79	3.16	3.75	3.16	3.58	3.16	3.51	3.75	3.02	3.58	3.09	3.62
155.0	4.62	4.10	4.59	4.07	4.35	4.07	4.49	4.59	3.89	4.38	4.03	4.42
160.0	5.56	5.04	5.46	5.01	5.22	4.97	5.49	5.53	4.87	5.32	4.97	5.32
165.0	6.47	5.91	6.30	5.88	6.02	5.88	6.43	6.37	5.77	6.23	5.88	6.16
170.0	7.27	6.71	7.03	6.64	6.68	6.61	7.27	7.13	6.54	6.99	6.61	6.89
175.0	7.90	7.27	7.51	7.20	7.27	7.13	7.90	7.65	7.17	7.62	7.10	7.41
180.0	8.18	7.79	7.37	7.83	7.20	7.62	8.18	7.79	7.37	7.83	7.20	7.62

Test System:HOPPO HPG1800  
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