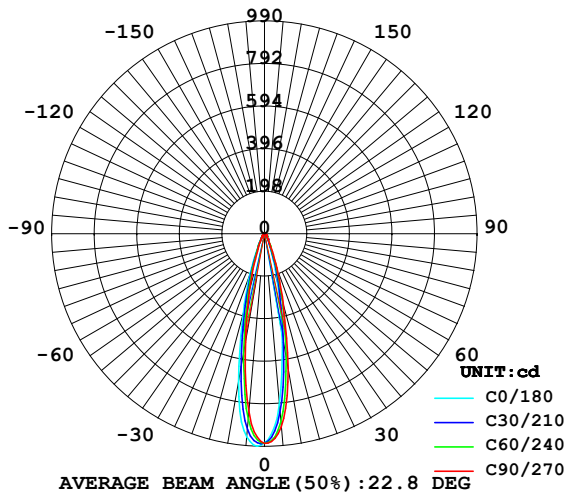


STREETLIGHT PHOTOMETRIC TEST REPORT

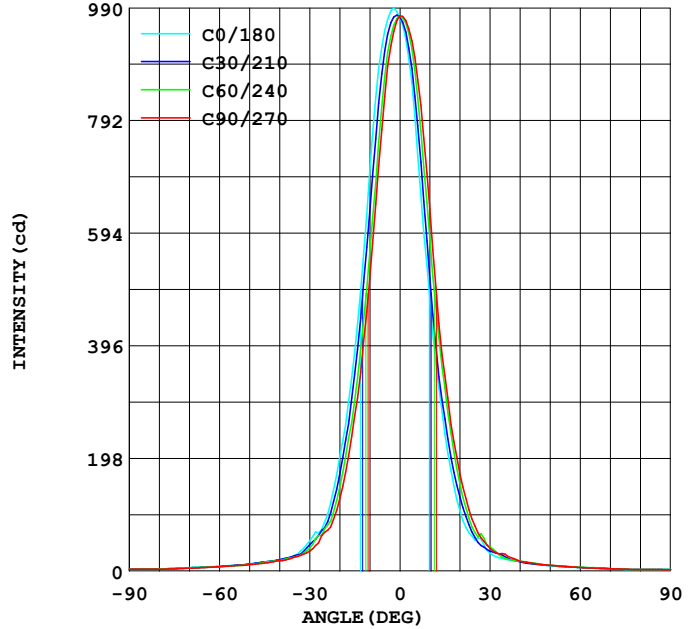
Report number: 0000025

MANUFACTURER: FİBERLİ	Address: PSL ELEKTRONİK ANTALYA	
NAME: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65	TYPE: CROMA GARDENA 1	WEIGHT: 156mm
SPECIFICATION: BAHÇE SPORTU	DIMENSION: 77R	SERIAL No.: 7877379

TEST DATA:					
MODEL:	CG1 Z503 WW 25D 4W 220VAC/50HZ IP65	η street_up(%) :	3.6		
NOMINAL POWER (W) :	4	η street_down(%) :	53.9		
RATED VOLTAGE (V) :	220	η house_up(%) :	3.0		
NOMINAL FLUX (lm) :	246.4	η house_down(%) :	39.4		
TEST FLUX (lm) :	246.3	η up(%) :	6.7		
LAMPS QUANTITY:	1	η down(%) :	93.3		

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSINTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

LUMINOUS INTENSITY DISTRIBUTION



Test: U: 220.5V I: 0.041A P: 4.490W PF: 0.486

Test System: LSG-1600
 Temperature: 20.6 DEG
 Operators: FATMA KARA
 Test Date: 12-10-2013

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity: 50%
 Test Distance: 9.545 m
 Remarks: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65

ZONAL FLUX DIAGRAM

Report number: 0000025

MANUFACTURER: FİBERLİ	Address:PSL ELEKTRONİK ANTALYA	
NAME: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65	TYPE:CROMA GARDENA 1	WEIGHT:156mm
SPECIFICATION:BAHÇE SPORTU	DIMENSION: 77R	SERIAL No.:7877379

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	949.9	885.0	834.2	809.0	800.0	867.5	903.1	924.6	0- 5	21.77	21.77
10.0	701.1	583.2	512.9	476.9	478.0	561.4	635.8	676.1	5- 10	49.05	70.82
15.0	384.4	325.0	272.7	248.2	240.4	299.1	343.0	365.3	10- 15	47.10	117.9
20.0	199.2	144.4	125.6	111.9	105.4	150.8	170.0	183.3	15- 20	33.34	151.2
25.0	85.91	60.67	68.05	57.39	54.20	74.70	79.08	85.64	20- 25	19.76	171.0
30.0	52.47	40.45	34.34	31.06	31.34	45.64	39.72	46.82	25- 30	12.94	183.9
35.0	27.05	21.95	24.23	21.04	20.86	24.59	29.79	29.88	30- 35	8.766	192.7
40.0	19.77	17.58	17.76	15.21	16.94	18.58	17.40	20.22	35- 40	6.740	199.4
45.0	16.03	13.39	13.75	11.29	12.20	15.39	12.93	15.03	40- 45	5.688	205.1
50.0	12.29	9.839	10.93	8.928	9.201	11.84	10.02	12.11	45- 50	4.781	209.9
55.0	10.11	7.561	9.384	7.379	7.015	9.839	7.926	9.657	50- 55	4.051	214.0
60.0	8.199	6.104	7.561	5.921	5.830	8.017	6.104	7.744	55- 60	3.489	217.5
65.0	7.106	5.284	6.104	4.737	5.101	6.924	5.010	6.377	60- 65	3.029	220.5
70.0	5.830	4.373	4.828	3.735	3.917	5.101	4.099	5.284	65- 70	2.614	223.1
75.0	4.282	3.462	3.735	2.824	2.733	3.917	3.188	4.464	70- 75	2.096	225.2
80.0	3.644	2.550	3.279	2.368	2.368	3.462	2.459	3.553	75- 80	1.692	226.9
85.0	3.279	2.277	3.097	2.277	2.277	3.188	2.277	3.188	80- 85	1.519	228.4
90.0	3.097	2.277	3.006	2.186	2.277	3.006	2.277	3.006	85- 90	1.459	229.9
95.0	3.006	2.277	2.915	2.186	2.277	2.915	2.186	2.915	90- 95	1.427	231.3
100.0	2.915	2.277	2.915	2.186	2.277	2.915	2.277	2.915	95-100	1.404	232.7
105.0	2.824	2.277	2.824	2.186	2.277	2.824	2.277	2.824	100-105	1.368	234.1
110.0	2.824	2.277	2.733	2.186	2.368	2.824	2.277	2.733	105-110	1.326	235.4
115.0	2.733	2.277	2.733	2.277	2.368	2.733	2.277	2.733	110-115	1.274	236.7
120.0	2.733	2.368	2.642	2.277	2.368	2.733	2.277	2.733	115-120	1.220	237.9
125.0	2.733	2.368	2.642	2.277	2.368	2.642	2.368	2.642	120-125	1.156	239.0
130.0	2.733	2.277	2.642	2.277	2.368	2.642	2.277	2.642	125-130	1.083	240.1
135.0	2.642	2.368	2.642	2.368	2.459	2.642	2.277	2.642	130-135	1.012	241.1
140.0	2.642	2.368	2.642	2.368	2.459	2.642	2.368	2.642	135-140	0.931	242.1
145.0	2.733	2.459	2.733	2.459	2.550	2.733	2.459	2.642	140-145	0.856	242.9
150.0	2.824	2.642	2.824	2.642	2.733	2.733	2.550	2.733	145-150	0.782	243.7
155.0	2.915	2.824	3.006	2.915	2.915	3.006	2.733	2.824	150-155	0.714	244.4
160.0	3.188	3.097	3.279	3.188	3.188	3.188	2.915	3.097	155-160	0.635	245.1
165.0	3.370	3.279	3.370	3.279	3.370	3.370	3.188	3.279	160-165	0.534	245.6
170.0	3.462	3.370	3.462	3.370	3.462	3.370	3.279	3.370	165-170	0.399	246.0
175.0	3.553	3.279	3.462	3.279	3.553	3.370	3.370	3.462	170-175	0.243	246.2
180.0	3.553	3.279	3.462	3.370	3.553	3.370	3.462	3.279	175-180	0.081	246.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

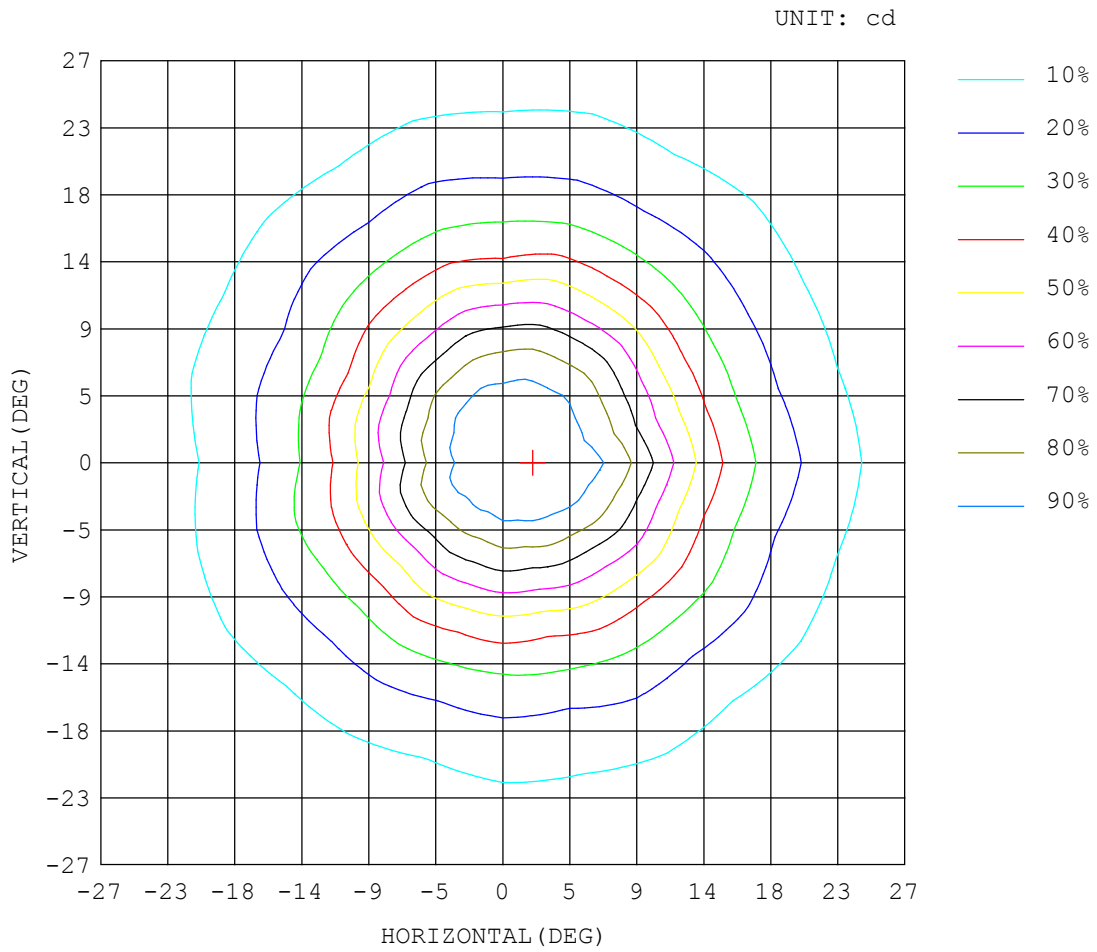
Test System:LSG-1600
Temperature:20.6DEG
Operators:FATMA KARA
Test Date:12-10-2013

Test Set: 2.0deg/s C-Gamma (TYPE C)
Humidity:50%
Test Distance:9.545 m
Remarks: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65

ISOCANDELA DIAGRAM

Report number: 0000025

MANUFACTURER: FİBERLİ	Address: PSL ELEKTRONİK ANTALYA	
NAME: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65	TYPE: CROMA GARDENA 1	WEIGHT: 156mm
SPECIFICATION: BAHÇE SPORU	DIMENSION: 77R	SERIAL No.: 7877379



Test System: LSG-1600
 Temperature: 20.6 DEG
 Operators: FATMA KARA
 Test Date: 12-10-2013

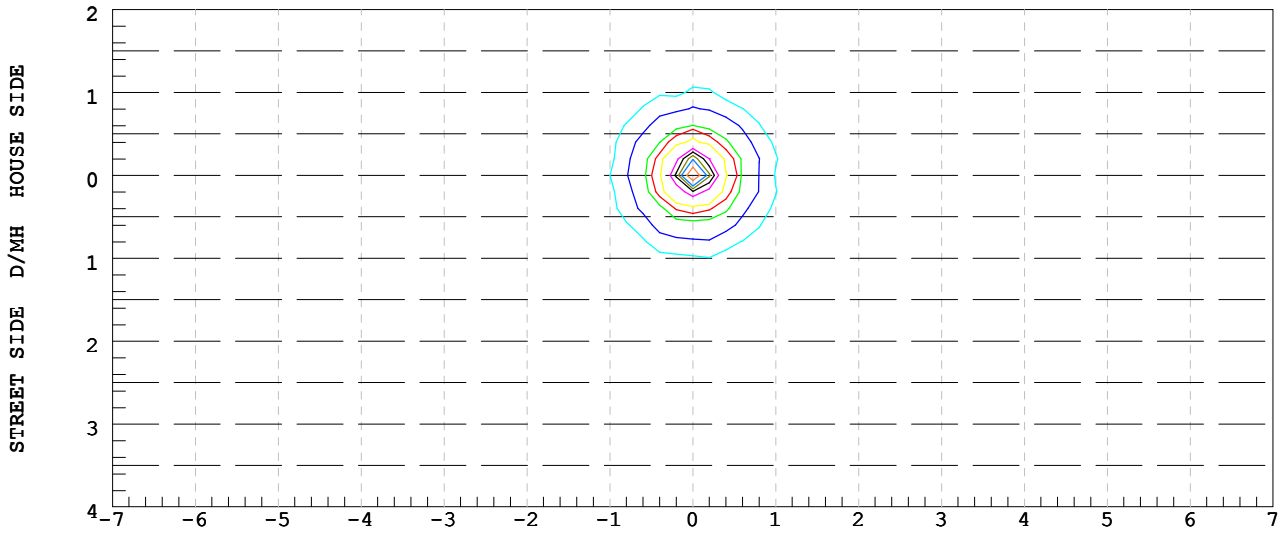
Test Set: 2.0 deg/s C-Gamma (TYPE C)
 Humidity: 50%
 Test Distance: 9.545 m
 Remarks: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65

ISOLUX DIAGRAM

Report number: 0000025

MANUFACTURER: FİBERLİ	Address: PSL ELEKTRONİK ANTALYA	
NAME: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65	TYPE: CROMA GARDENA 1	WEIGHT: 156mm
SPECIFICATION: BAHÇE SPORU	DIMENSION: 77R	SERIAL No.: 7877379

ILLUMINANCE AT MH=10 m, Enadir = 9.76 lx



0.049	0.098	0.290	0.490	0.980
2.9	3.9	4.9	5.9	7.8

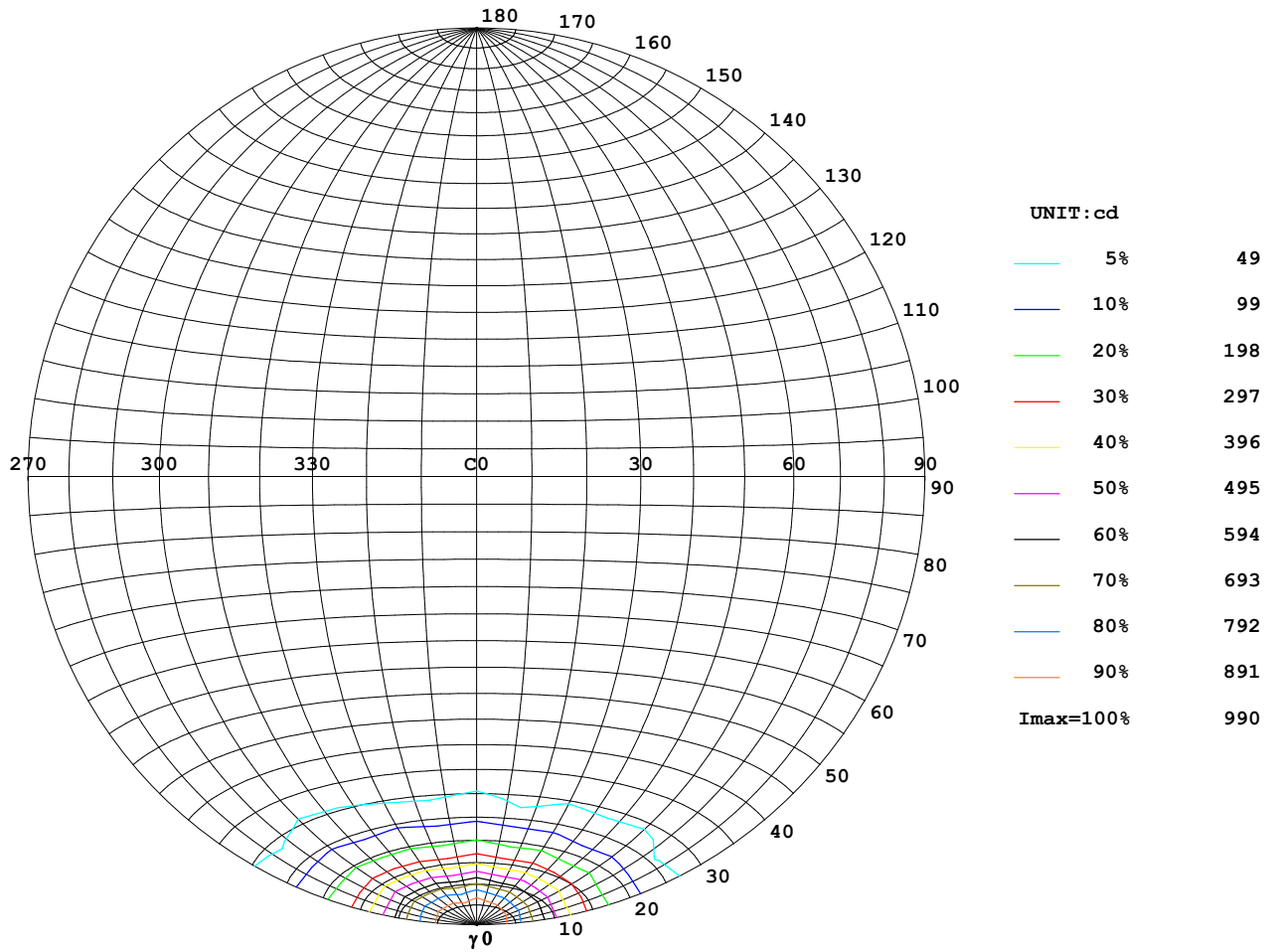
Test System: LSG-1600
 Temperature: 20.6DEG
 Operators: FATMA KARA
 Test Date: 12-10-2013

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity: 50%
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ISOCANDELA DIAGRAM

Report number: 0000025

MANUFACTURER: FİBERLİ	Address: PSL ELEKTRONİK ANTALYA	
NAME: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65	TYPE: CROMA GARDENA 1	WEIGHT: 156mm
SPECIFICATION: BAHÇE SPORU	DIMENSION: 77R	SERIAL No.: 7877379



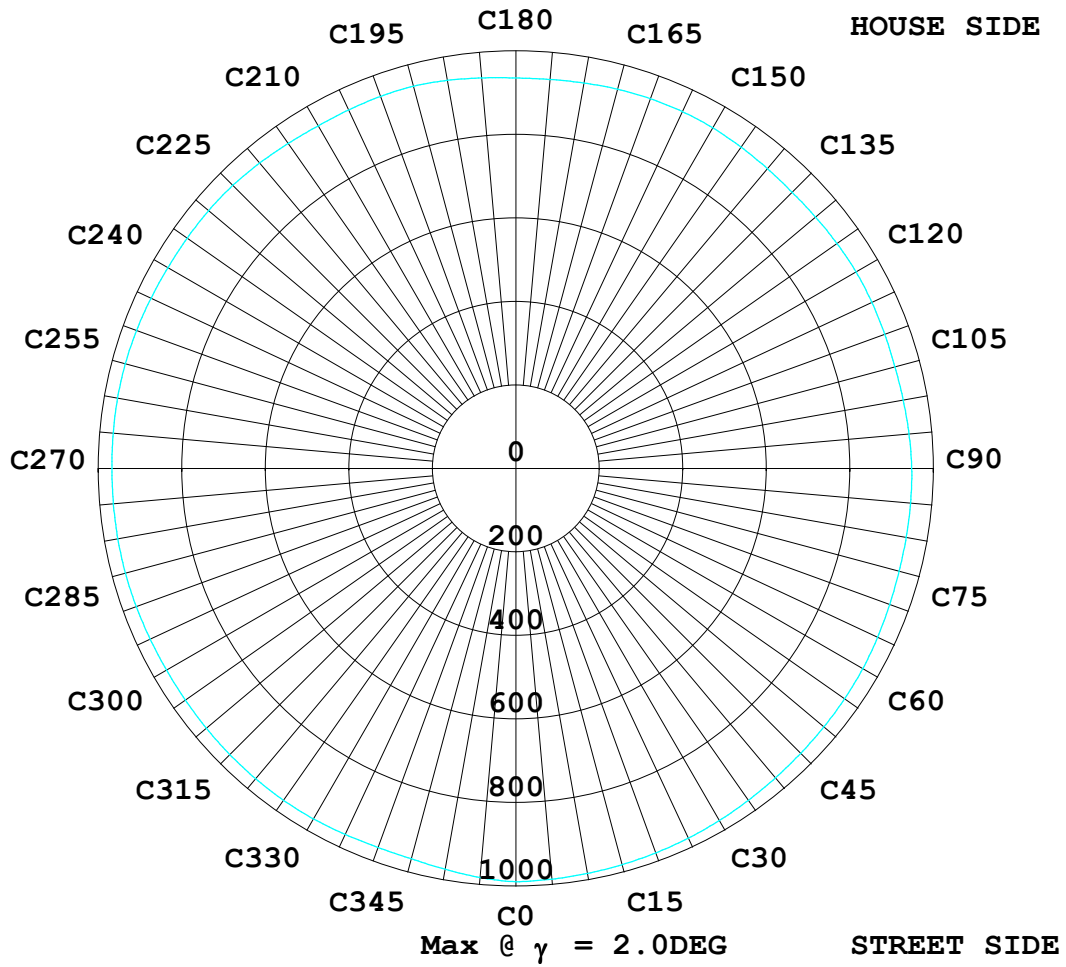
Test System: LSG-1600
 Temperature: 20.6 DEG
 Operators: FATMA KARA
 Test Date: 12-10-2013

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity: 50%
 Test Distance: 9.545 m
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ISOCANDELA DIAGRAM

Report number: 0000025

MANUFACTURER: FİBERLİ	Address: PSL ELEKTRONİK ANTALYA	
NAME: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65	TYPE: CROMA GARDENA 1	WEIGHT: 156mm
SPECIFICATION: BAHÇE SPORU	DIMENSION: 77R	SERIAL No.: 7877379



Test System: LSG-1600
 Temperature: 20.6DEG
 Operators: FATMA KARA
 Test Date: 12-10-2013

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity: 50%
 Test Distance: 9.545 m
 Remarks: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0000025

MANUFACTURER: FİBERLİ	Address: PSL ELEKTRONİK ANTALYA	
NAME: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65	TYPE: CROMA GARDENA 1	WEIGHT: 156mm
SPECIFICATION: BAHÇE SPORU	DIMENSION: 77R	SERIAL No.: 7877379

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	973	978	974	976	976	976	976	974	975	972	974	970	973	978	974
5.0	950	927	914	885	869	845	834	811	815	809	830	835	800	831	835
10.0	701	646	630	583	558	515	513	499	505	477	495	504	478	511	514
15.0	384	348	346	325	299	270	273	249	258	248	262	265	240	260	268
20.0	199	168	169	144	147	129	126	108	114	112	127	123	105	127	130
25.0	85.9	73.6	75.8	60.6	73.7	54.0	68.0	57.6	69.6	57.3	60.1	63.5	54.2	64.9	58.8
30.0	52.4	38.0	45.7	40.4	39.5	34.5	34.3	29.2	33.4	31.0	37.5	33.5	31.3	36.6	34.3
35.0	27.0	27.0	26.5	21.9	24.5	24.4	24.2	19.4	22.1	21.0	25.6	20.8	20.8	25.5	24.9
40.0	19.7	16.6	20.1	17.5	18.4	15.2	17.7	15.5	17.3	15.2	18.0	15.8	16.9	19.1	16.2
45.0	16.0	12.6	16.2	13.3	15.4	11.8	13.7	11.5	13.8	11.2	13.8	12.6	12.2	14.6	12.0
50.0	12.2	10.2	12.3	9.83	11.6	9.56	10.9	9.11	11.1	8.92	10.9	9.20	9.20	11.2	9.56
55.0	10.1	8.29	9.74	7.56	9.20	7.37	9.38	7.37	9.20	7.37	8.83	7.10	7.01	9.20	7.74
60.0	8.19	6.74	7.83	6.10	7.56	5.83	7.56	6.10	7.56	5.92	7.10	5.83	5.83	7.28	6.19
65.0	7.10	5.37	6.37	5.28	6.37	4.82	6.10	5.19	6.46	4.73	6.10	5.10	5.10	6.37	4.91
70.0	5.83	4.19	5.37	4.37	5.46	3.82	4.82	3.46	4.91	3.73	5.01	4.28	3.91	5.10	3.82
75.0	4.28	3.18	4.37	3.46	4.19	2.73	3.73	2.73	3.73	2.82	4.00	3.18	2.73	4.00	2.91
80.0	3.64	2.64	3.55	2.55	3.46	2.36	3.27	2.36	3.27	2.36	3.37	2.45	2.36	3.37	2.45
85.0	3.27	2.36	3.18	2.27	3.09	2.27	3.09	2.27	3.09	2.27	3.09	2.27	2.27	3.09	2.36
90.0	3.09	2.27	3.00	2.27	3.00	2.27	3.00	2.18	3.00	2.18	3.00	2.18	2.27	3.00	2.18
95.0	3.00	2.27	2.91	2.27	2.91	2.27	2.91	2.27	2.82	2.18	2.91	2.27	2.27	2.91	2.27
100.0	2.91	2.27	2.82	2.27	2.91	2.27	2.91	2.27	2.82	2.18	2.82	2.27	2.27	2.91	2.27
105.0	2.82	2.27	2.82	2.27	2.73	2.27	2.82	2.27	2.82	2.18	2.82	2.27	2.27	2.82	2.27
110.0	2.82	2.27	2.73	2.27	2.82	2.27	2.73	2.27	2.73	2.18	2.82	2.27	2.36	2.82	2.27
115.0	2.73	2.36	2.73	2.27	2.73	2.27	2.73	2.27	2.73	2.27	2.73	2.27	2.36	2.73	2.27
120.0	2.73	2.27	2.73	2.36	2.73	2.27	2.64	2.27	2.64	2.27	2.64	2.27	2.36	2.73	2.27
125.0	2.73	2.36	2.73	2.36	2.64	2.27	2.64	2.36	2.64	2.27	2.64	2.27	2.36	2.73	2.36
130.0	2.73	2.36	2.64	2.27	2.73	2.36	2.64	2.36	2.64	2.27	2.64	2.27	2.36	2.73	2.27
135.0	2.64	2.36	2.64	2.36	2.64	2.36	2.64	2.36	2.64	2.36	2.64	2.36	2.45	2.64	2.36
140.0	2.64	2.45	2.64	2.36	2.64	2.45	2.64	2.45	2.64	2.36	2.64	2.36	2.45	2.73	2.36
145.0	2.73	2.55	2.73	2.45	2.73	2.55	2.73	2.45	2.73	2.45	2.73	2.55	2.55	2.73	2.45
150.0	2.82	2.55	2.82	2.64	2.82	2.73	2.82	2.73	2.82	2.64	2.82	2.64	2.73	2.82	2.64
155.0	2.91	2.82	3.00	2.82	3.09	2.91	3.00	2.91	3.09	2.91	3.09	2.82	2.91	3.00	2.82
160.0	3.18	3.09	3.18	3.09	3.27	3.09	3.27	3.18	3.27	3.18	3.27	3.09	3.18	3.27	3.00
165.0	3.37	3.27	3.37	3.27	3.46	3.27	3.37	3.37	3.46	3.27	3.46	3.27	3.37	3.37	3.18
170.0	3.46	3.37	3.46	3.37	3.46	3.37	3.46	3.37	3.37	3.37	3.46	3.37	3.46	3.46	3.27
175.0	3.55	3.37	3.46	3.27	3.46	3.37	3.46	3.37	3.37	3.27	3.37	3.37	3.55	3.46	3.27
180.0	3.55	3.37	3.37	3.27	3.37	3.37	3.46	3.37	3.37	3.37	3.37	3.37	3.55	3.46	3.27

Test System: LSG-1600
 Temperature: 20.6 DEG
 Operators: FATMA KARA
 Test Date: 12-10-2013

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity: 50%
 Test Distance: 9.545 m
 Remarks: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0000025

MANUFACTURER: FİBERLİ	Address: PSL ELEKTRONİK ANTALYA	
NAME: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65	TYPE: CROMA GARDENA 1	WEIGHT: 156mm
SPECIFICATION: BAHÇE SPORU	DIMENSION: 77R	SERIAL No.: 7877379

UNIT: cd

C (DEG) γ (DEG)	225	240	255	270	285	300	315	330	345
0.0	976	976	976	976	974	975	972	974	970
5.0	868	880	901	903	917	917	925	916	915
10.0	561	583	624	636	666	667	676	650	639
15.0	299	322	345	343	366	360	365	350	352
20.0	151	153	178	170	187	178	183	171	171
25.0	74.7	67.2	80.8	79.0	86.6	79.0	85.6	76.4	74.8
30.0	45.6	42.3	47.3	39.7	53.5	52.3	46.8	42.2	49.8
35.0	24.5	21.9	28.2	29.7	28.9	24.6	29.8	24.1	25.4
40.0	18.5	17.2	19.9	17.4	21.0	17.8	20.2	17.0	18.6
45.0	15.3	13.6	16.2	12.9	16.0	13.8	15.0	12.8	15.1
50.0	11.8	9.83	12.0	10.0	12.2	10.0	12.1	9.93	11.6
55.0	9.83	8.10	9.74	7.92	9.56	7.65	9.65	7.83	9.74
60.0	8.01	6.55	8.10	6.10	7.74	6.10	7.74	6.55	7.92
65.0	6.92	5.64	6.55	5.01	6.65	5.19	6.37	5.10	6.74
70.0	5.10	4.19	5.28	4.09	5.83	4.55	5.28	4.09	5.46
75.0	3.91	2.91	4.19	3.18	4.82	3.46	4.46	3.27	4.00
80.0	3.46	2.45	3.46	2.45	3.55	2.55	3.55	2.55	3.46
85.0	3.18	2.27	3.18	2.27	3.18	2.27	3.18	2.36	3.18
90.0	3.00	2.27	3.00	2.27	3.09	2.18	3.00	2.27	3.00
95.0	2.91	2.27	3.00	2.18	2.91	2.27	2.91	2.27	2.91
100.0	2.91	2.18	2.91	2.27	2.91	2.27	2.91	2.27	2.91
105.0	2.82	2.27	2.82	2.27	2.82	2.18	2.82	2.27	2.82
110.0	2.82	2.27	2.73	2.27	2.82	2.27	2.73	2.27	2.82
115.0	2.73	2.27	2.73	2.27	2.73	2.27	2.73	2.27	2.73
120.0	2.73	2.27	2.73	2.27	2.73	2.27	2.73	2.27	2.73
125.0	2.64	2.27	2.73	2.36	2.73	2.27	2.64	2.27	2.64
130.0	2.64	2.36	2.64	2.27	2.64	2.27	2.64	2.27	2.64
135.0	2.64	2.36	2.64	2.27	2.64	2.27	2.64	2.36	2.64
140.0	2.64	2.36	2.64	2.36	2.64	2.36	2.64	2.36	2.64
145.0	2.73	2.45	2.64	2.45	2.64	2.45	2.64	2.45	2.73
150.0	2.73	2.55	2.73	2.55	2.73	2.55	2.73	2.55	2.73
155.0	3.00	2.73	2.91	2.73	2.91	2.73	2.82	2.73	2.91
160.0	3.18	3.00	3.09	2.91	3.09	2.91	3.09	3.00	3.09
165.0	3.37	3.18	3.27	3.18	3.27	3.18	3.27	3.18	3.27
170.0	3.37	3.27	3.46	3.27	3.37	3.27	3.37	3.27	3.46
175.0	3.37	3.37	3.46	3.37	3.37	3.27	3.46	3.37	3.46
180.0	3.37	3.27	3.46	3.46	3.37	3.27	3.27	3.37	3.46

Test System: LSG-1600
 Temperature: 20.6 DEG
 Operators: FATMA KARA
 Test Date: 12-10-2013

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity: 50%
 Test Distance: 9.545 m
 Remarks: CG1 Z503 WW 25D 4W 220VAC/50HZ IP65