

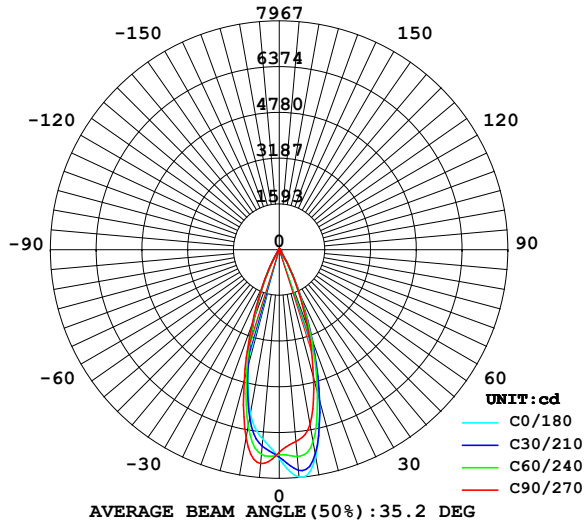
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: 0000491

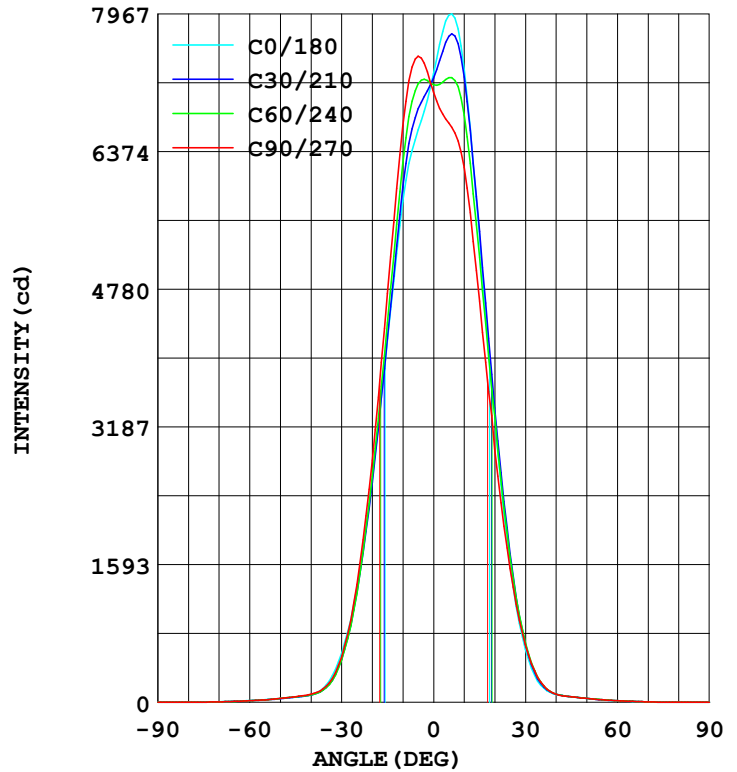
MANUFACTURER: Fiberli	Address: PSL ELEKTRONİK ANTALYA	
NAME: CDP5 Z518 WW 25D 45W 220VAC 50HZ IP44	TYPE: CROMADOWN	WEIGHT:
SPECIFICATION: CROMADOWN PRO5	DIMENSION: 195X106mm	SERIAL No.: 27206625

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	CDP5 Z518 WW 25D 45W 220VAC 50HZ IP44	S/MH (C0/180)	0.55		
NOMINAL POWER (W)	44	EFFICIENCY (%)	100.0	S/MH (C90/270)	0.57
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	2790.6	η UP (C0-180)	
NOMINAL FLUX (lm)	2790.6	EFFICIENCY (lm/W)	DIRECT	η DN (C0-180)	
LAMPS QUANTITY	1	η up (%)	1.0	η UP (C180-360)	
TEST VOLTAGE (V)	220.7	η down (%)	99.0	η DN (C180-360)	

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



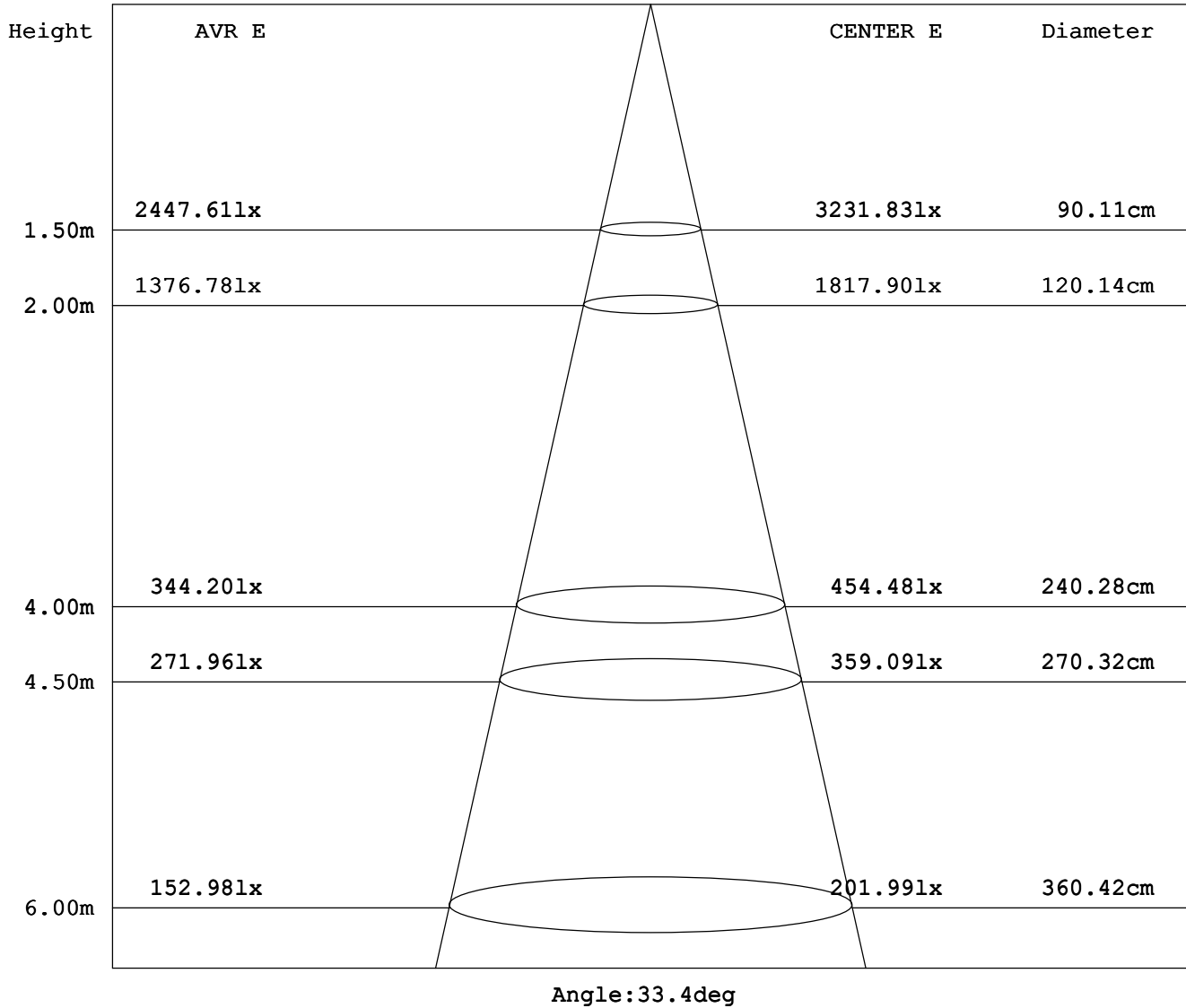
Test System: LSG-1600
 Temperature: 28 DEG
 Operators: FATMA KARA
 Test Date: 07-11-2014

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity: 53%
 Test Distance: 9.545 m
 Remarks: CDP5 Z518 WW 25D 45W 220VAC 50HZ IP44

AVERAGE AND CENTER E Figure

Report number: 0000491

MANUFACTURER: Fiberli	Address: PSL ELEKTRONİK ANTALYA	
NAME: CDP5 Z518 WW 25D 45W 220VAC 50HZ IP44	TYPE: CROMADOWN	WEIGHT:
SPECIFICATION: CROMADOWN PRO5	DIMENSION: 195X106mm	SERIAL No.: 27206625



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Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity: 53%
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 Remarks: CDP5 Z518 WW 25D 45W 220VAC 50HZ IP44

ZONAL FLUX DIAGRAM

Report number: 0000491

MANUFACTURER: Fiberli	Address: PSL ELEKTRONİK ANTALYA	
NAME: CDP5 Z518 WW 25D 45W 220VAC 50HZ IP44	TYPE: CROMADOWN	WEIGHT:
SPECIFICATION: CROMADOWN PRO5	DIMENSION: 195X106mm	SERIAL No.: 27206625

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total
5.0	6625	6996	7477	7821	7952	7480	6703	6279	0- 5	170.9	170.9
10.0	5800	6069	6667	7316	7320	7067	6188	5518	5- 10	487.7	658.6
15.0	4191	4271	4731	5426	5384	5360	4643	4026	10- 15	645.0	1304
20.0	2594	2539	2802	3348	3342	3380	2931	2497	15- 20	594.4	1898
25.0	1328	1243	1364	1633	1578	1752	1549	1287	20- 25	416.1	2314
30.0	567.0	474.0	525.6	604.4	613.9	713.0	666.4	519.7	25- 30	223.1	2538
35.0	200.8	155.2	186.8	197.5	198.9	237.6	235.0	184.8	30- 35	94.35	2632
40.0	87.82	77.98	94.75	95.29	92.56	100.2	93.56	86.73	35- 40	40.48	2672
45.0	62.13	57.30	65.96	66.32	65.50	68.14	63.50	62.49	40- 45	26.90	2699
50.0	46.55	40.99	44.82	43.91	45.91	51.20	45.09	45.46	45- 50	21.26	2721
55.0	31.15	26.69	29.51	28.24	29.24	34.52	29.97	30.52	50- 55	15.51	2736
60.0	20.40	16.58	18.67	17.94	18.22	22.23	19.67	20.40	55- 60	10.71	2747
65.0	12.66	9.657	11.20	10.47	10.75	13.93	11.66	12.48	60- 65	7.055	2754
70.0	6.833	4.555	5.739	5.193	5.010	7.470	6.013	6.468	65- 70	4.089	2758
75.0	3.370	2.277	3.188	2.277	2.368	3.735	2.459	3.279	70- 75	1.982	2760
80.0	2.915	1.913	2.733	1.913	2.004	2.824	2.004	2.733	75- 80	1.349	2761
85.0	2.459	1.731	2.368	1.822	1.822	2.459	1.822	2.459	80- 85	1.210	2762
90.0	2.277	1.731	2.277	1.639	1.731	2.277	1.731	2.186	85- 90	1.107	2764
95.0	2.186	1.731	2.095	1.639	1.731	2.186	1.731	2.095	90- 95	1.063	2765
100.0	2.095	1.731	2.095	1.731	1.822	2.095	1.822	2.095	95-100	1.048	2766
105.0	2.095	1.822	2.095	1.822	1.822	2.004	1.822	2.004	100-105	1.027	2767
110.0	2.095	1.822	2.004	1.822	1.822	2.004	1.822	2.004	105-110	1.014	2768
115.0	2.095	1.913	2.095	1.913	1.913	2.004	1.822	2.004	110-115	0.996	2769
120.0	2.186	2.095	2.095	2.004	2.004	2.095	1.913	2.095	115-120	0.982	2770
125.0	2.277	2.368	2.277	2.186	2.186	2.095	2.095	2.186	120-125	0.981	2771
130.0	2.733	2.915	2.733	2.550	2.550	2.459	2.459	2.550	125-130	1.044	2772
135.0	3.735	4.008	3.735	3.462	3.188	3.006	3.188	3.279	130-135	1.236	2773
140.0	5.284	5.830	5.101	4.919	4.464	4.190	4.464	4.828	135-140	1.567	2775
145.0	7.561	8.199	7.197	6.833	6.195	5.921	6.286	7.015	140-145	2.014	2777
150.0	10.11	10.84	9.657	9.201	8.381	8.199	8.655	9.566	145-150	2.451	2779
155.0	12.75	13.30	12.20	11.66	10.75	10.56	11.20	11.93	150-155	2.727	2782
160.0	14.94	15.21	14.66	14.12	13.30	12.75	13.57	13.84	155-160	2.750	2784
165.0	16.49	16.49	16.76	16.03	15.48	14.75	15.57	15.30	160-165	2.488	2787
170.0	17.58	17.40	18.03	17.49	17.31	16.30	17.21	16.39	165-170	1.969	2789
175.0	18.49	17.94	18.95	18.22	18.58	17.40	18.31	17.40	170-175	1.262	2790
180.0	18.95	18.03	19.04	18.22	18.85	17.94	19.04	18.13	175-180	0.435	2791
DEG	LUMINOUS INTENSITY:cd								UNIT:lm		

Test System: LSG-1600
 Temperature: 28DEG
 Operators: FATMA KARA
 Test Date: 07-11-2014

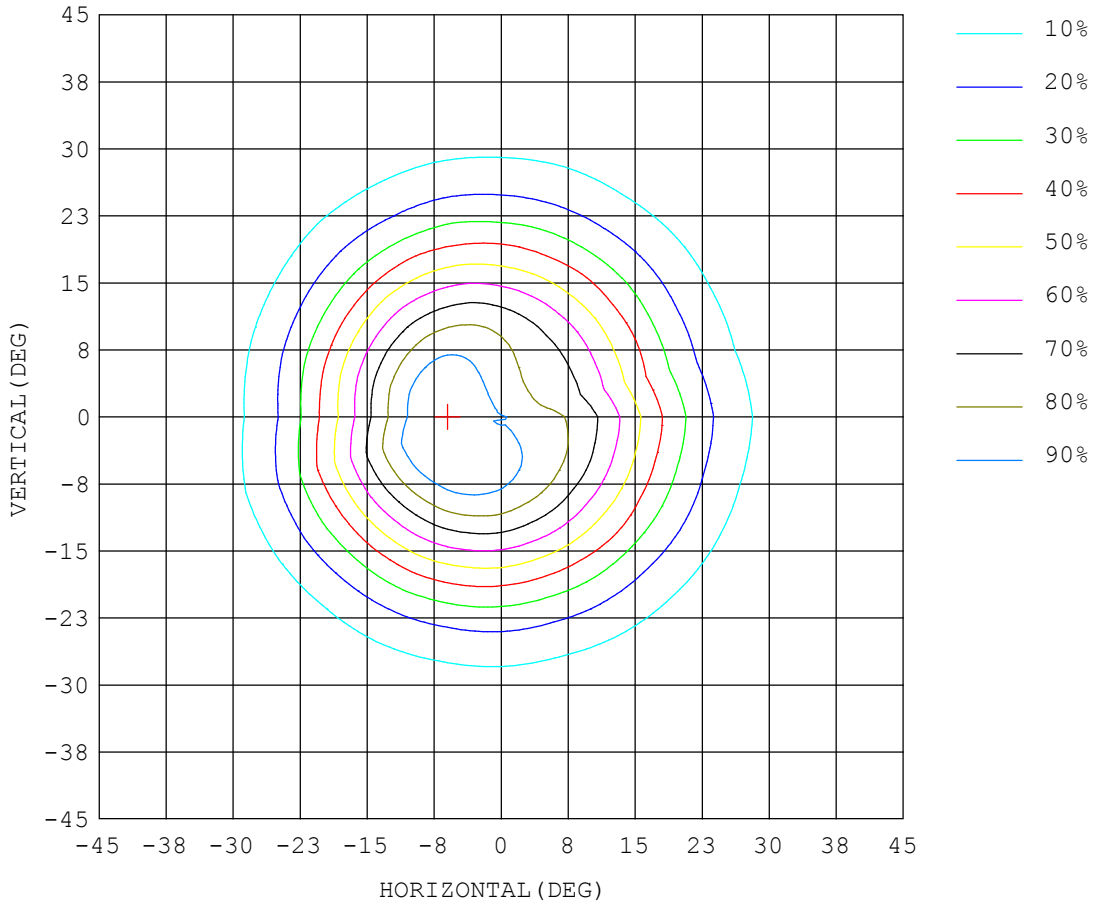
Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity: 53%
 Test Distance: 9.545 m
 Remarks: CDP5 Z518 WW 25D 45W 220VAC 50HZ I1

ISOCANDELA DIAGRAM

Report number: 0000491

MANUFACTURER: Fiberli	Address: PSL ELEKTRONİK ANTALYA	
NAME: CDP5 Z518 WW 25D 45W 220VAC 50HZ IP44	TYPE: CROMADOWN	WEIGHT:
SPECIFICATION: CROMADOWN PRO5	DIMENSION: 195X106mm	SERIAL No.: 27206625

UNIT: cd



Test System: LSG-1600
Temperature: 28 DEG
Operators: FATMA KARA
Test Date: 07-11-2014

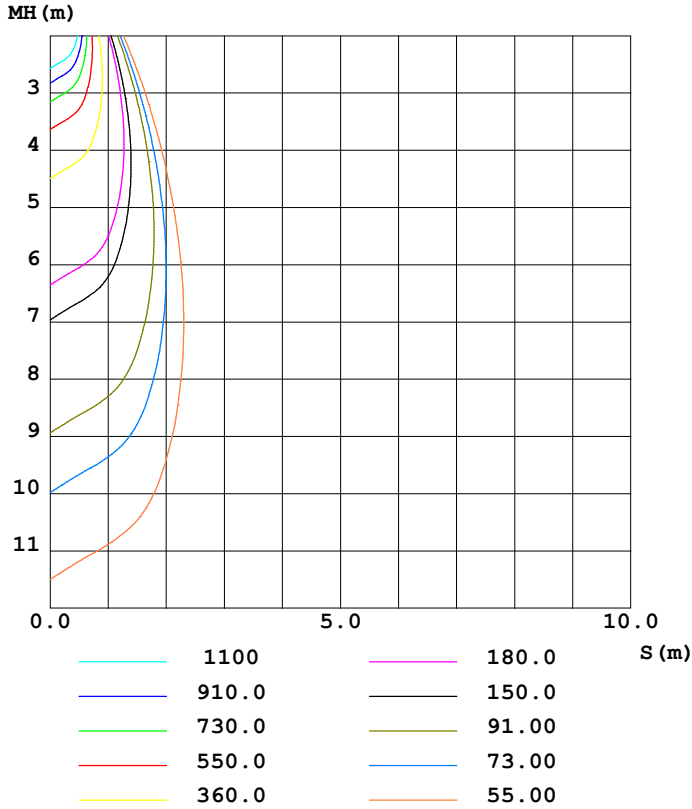
Test Set: 2.0 deg/s C-Gamma (TYPE C)
Humidity: 53%
Test Distance: 9.545 m
Remarks: CDP5 Z518 WW 25D 45W 220VAC 50HZ I1

ISOLUX DIAGRAM

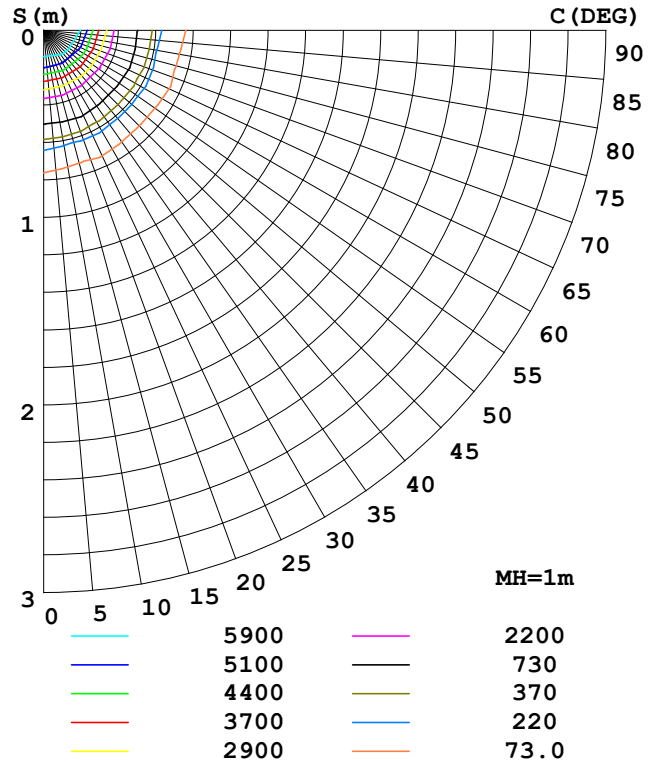
Report number: 0000491

MANUFACTURER: Fiberli	Address:PSL ELEKTRONİK ANTALYA	
NAME: CDP5 Z518 WW 25D 45W 220VAC 50HZ IP44	TYPE:CROMADOWN	WEIGHT:
SPECIFICATION:CROMADOWN PRO5	DIMENSION: 195X106mm	SERIAL No.:27206625

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



PLANAR ISOLUX DIAGRAM(UNIT:lx)



Test System:LSG-1600
 Temperature:28DEG
 Operators:FATMA KARA
 Test Date:07-11-2014

Test Set: 2.0deg/s C-Gamma (TYPE C)
 Humidity:53%
 Test Distance:9.545 m
 Remarks: CDP5 Z518 WW 25D 45W 220VAC 50HZ I1

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0000491

MANUFACTURER: Fiberli	Address: PSL ELEKTRONİK ANTALYA	
NAME: CDP5 Z518 WW 25D 45W 220VAC 50HZ IP44	TYPE: CROMADOWN	WEIGHT:
SPECIFICATION: CROMADOWN PRO5	DIMENSION: 195X106mm	SERIAL No.: 27206625

UNIT: cd

C (DEG) γ (DEG)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	7272	7240	7223	7179	7146	7104	7063	7036	7004	6992	6977	6983	7272	7240	7223
5.0	6625	6729	6868	6996	7156	7308	7477	7621	7735	7821	7864	7869	7952	7858	7707
10.0	5800	5858	5962	6069	6237	6419	6667	6895	7132	7316	7497	7620	7320	7362	7234
15.0	4191	4172	4213	4271	4393	4527	4731	4938	5201	5426	5674	5861	5384	5477	5451
20.0	2594	2522	2546	2539	2618	2650	2802	2936	3165	3348	3539	3679	3342	3393	3404
25.0	1328	1273	1272	1243	1261	1287	1364	1412	1523	1633	1788	1877	1578	1706	1724
30.0	567	507	499	474	489	482	526	544	591	604	686	749	614	665	674
35.0	201	176	174	155	170	168	187	182	199	198	234	247	199	223	219
40.0	87.8	80.7	84.2	77.9	86.3	86.7	94.7	87.9	96.4	95.2	106	104	92.5	102	94.4
45.0	62.1	57.4	61.1	57.3	62.9	60.9	65.9	62.2	67.7	66.3	71.9	68.1	65.5	71.7	65.8
50.0	46.5	40.7	42.9	40.9	44.5	40.9	44.8	43.2	48.1	43.9	49.1	49.2	45.9	49.2	46.4
55.0	31.1	26.3	28.9	26.6	29.0	25.9	29.5	27.7	30.7	28.2	32.1	31.7	29.2	32.9	30.6
60.0	20.4	17.4	18.8	16.5	18.5	16.4	18.6	16.8	19.4	17.9	21.1	19.6	18.2	21.4	20.0
65.0	12.6	10.4	11.7	9.65	10.9	9.38	11.2	9.65	11.6	10.4	12.9	11.9	10.7	13.0	11.8
70.0	6.83	5.19	6.10	4.55	5.55	4.37	5.73	4.55	6.10	5.19	7.01	6.01	5.01	7.01	5.83
75.0	3.37	2.27	3.18	2.27	3.09	2.18	3.18	2.18	3.27	2.27	3.37	2.64	2.36	3.46	2.45
80.0	2.91	2.00	2.73	1.91	2.64	1.91	2.73	2.00	2.73	1.91	2.82	2.09	2.00	2.82	2.00
85.0	2.45	1.82	2.36	1.73	2.36	1.73	2.36	1.82	2.36	1.82	2.45	1.82	1.82	2.45	1.82
90.0	2.27	1.73	2.18	1.73	2.18	1.73	2.27	1.73	2.18	1.63	2.18	1.73	1.73	2.18	1.73
95.0	2.18	1.73	2.18	1.73	2.18	1.73	2.09	1.73	2.18	1.63	2.09	1.73	1.73	2.09	1.73
100.0	2.09	1.82	2.09	1.73	2.09	1.82	2.09	1.82	2.09	1.73	2.09	1.73	1.82	2.09	1.73
105.0	2.09	1.73	2.09	1.82	2.00	1.82	2.09	1.82	2.09	1.82	2.00	1.73	1.82	2.09	1.73
110.0	2.09	1.91	2.09	1.82	2.00	1.82	2.00	1.91	2.00	1.82	2.00	1.73	1.82	2.00	1.73
115.0	2.09	1.91	2.09	1.91	2.09	1.91	2.09	1.91	2.09	1.91	2.00	1.91	1.91	2.00	1.91
120.0	2.18	2.00	2.18	2.09	2.09	2.00	2.09	2.09	2.09	2.00	2.09	1.91	2.00	2.09	1.91
125.0	2.27	2.27	2.27	2.36	2.27	2.27	2.27	2.27	2.27	2.18	2.18	2.18	2.18	2.18	2.09
130.0	2.73	2.73	2.82	2.91	2.73	2.82	2.73	2.73	2.64	2.55	2.55	2.45	2.55	2.36	2.36
135.0	3.73	3.82	3.82	4.00	3.82	3.91	3.73	3.73	3.46	3.46	3.27	3.18	3.18	3.09	3.09
140.0	5.28	5.55	5.46	5.83	5.46	5.55	5.10	5.19	4.91	4.91	4.46	4.46	4.46	4.19	4.37
145.0	7.56	8.01	7.92	8.19	7.83	7.74	7.19	7.28	6.92	6.83	6.28	6.28	6.19	5.92	6.10
150.0	10.1	10.5	10.4	10.8	10.2	10.2	9.65	9.74	9.20	9.20	8.56	8.47	8.38	8.01	8.29
155.0	12.7	13.1	12.9	13.3	12.7	12.7	12.2	12.2	11.7	11.6	11.0	10.9	10.7	10.2	10.6
160.0	14.9	15.3	15.0	15.2	14.7	14.9	14.6	14.8	14.2	14.1	13.4	13.5	13.3	12.5	12.9
165.0	16.4	16.8	16.3	16.4	16.3	16.5	16.7	16.8	16.1	16.0	15.6	15.7	15.4	14.7	14.8
170.0	17.5	17.7	17.3	17.4	17.2	17.6	18.0	18.1	17.4	17.4	17.1	17.3	17.3	16.3	16.3
175.0	18.4	18.1	17.8	17.9	17.9	18.3	18.9	18.6	18.2	18.2	18.0	18.2	18.5	17.5	17.4
180.0	18.9	18.2	17.9	18.0	18.1	18.4	19.0	18.4	18.2	18.2	18.1	18.4	18.8	18.1	18.0

Test System: LSG-1600
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 Remarks: CDP5 Z518 WW 25D 45W 220VAC 50HZ I1

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number: 0000491

MANUFACTURER: Fiberli	Address: PSL ELEKTRONİK ANTALYA	
NAME: CDP5 Z518 WW 25D 45W 220VAC 50HZ IP44	TYPE: CROMADOWN	WEIGHT:
SPECIFICATION: CROMADOWN PRO5	DIMENSION: 195X106mm	SERIAL No.: 27206625

UNIT: cd

C (DEG)	225	240	255	270	285	300	315	330	345
γ (DEG)									
0.0	7179	7146	7104	7063	7036	7004	6992	6977	6983
5.0	7480	7227	6959	6703	6496	6348	6279	6269	6319
10.0	7067	6794	6520	6188	5909	5657	5518	5400	5370
15.0	5360	5151	4924	4643	4407	4196	4026	3859	3767
20.0	3380	3333	3124	2931	2676	2624	2497	2334	2250
25.0	1752	1681	1661	1549	1465	1341	1287	1173	1131
30.0	713	695	702	666	638	559	520	471	465
35.0	238	234	251	235	231	192	185	159	159
40.0	100	94.9	103	93.5	95.7	84.7	86.7	76.3	78.3
45.0	68.1	64.4	68.9	63.5	64.7	59.4	62.4	57.0	58.6
50.0	51.2	47.8	49.4	45.0	48.8	44.2	45.4	40.3	43.3
55.0	34.5	31.7	33.1	29.9	33.4	29.0	30.5	27.2	29.1
60.0	22.2	20.0	22.2	19.6	21.2	18.8	20.4	17.4	18.7
65.0	13.9	12.1	13.8	11.6	13.5	11.2	12.4	10.2	11.3
70.0	7.47	6.19	7.74	6.01	7.10	5.37	6.46	4.73	5.83
75.0	3.73	2.64	3.64	2.45	3.46	2.36	3.27	2.18	3.09
80.0	2.82	2.00	2.91	2.00	2.82	2.00	2.73	1.91	2.73
85.0	2.45	1.82	2.55	1.82	2.55	1.82	2.45	1.82	2.36
90.0	2.27	1.63	2.27	1.73	2.18	1.73	2.18	1.73	2.18
95.0	2.18	1.73	2.09	1.73	2.09	1.73	2.09	1.73	2.09
100.0	2.09	1.73	2.09	1.82	2.09	1.73	2.09	1.82	2.09
105.0	2.00	1.73	2.09	1.82	2.00	1.82	2.00	1.82	2.00
110.0	2.00	1.82	2.00	1.82	2.09	1.82	2.00	1.82	2.09
115.0	2.00	1.91	2.09	1.82	2.09	1.91	2.00	1.91	2.00
120.0	2.09	1.91	2.09	1.91	2.09	2.00	2.09	2.00	2.09
125.0	2.09	2.09	2.09	2.09	2.18	2.09	2.18	2.18	2.18
130.0	2.45	2.36	2.36	2.45	2.45	2.45	2.55	2.64	2.55
135.0	3.00	3.00	3.00	3.18	3.18	3.37	3.27	3.55	3.64
140.0	4.19	4.37	4.28	4.46	4.46	4.73	4.82	5.19	5.19
145.0	5.92	6.19	6.01	6.28	6.28	6.92	7.01	7.56	7.37
150.0	8.19	8.47	8.29	8.65	8.74	9.29	9.56	10.1	9.93
155.0	10.5	11.0	10.8	11.2	11.1	11.8	11.9	12.4	12.3
160.0	12.7	13.2	13.2	13.5	13.3	13.7	13.8	14.3	14.3
165.0	14.7	15.2	15.2	15.5	15.1	15.3	15.3	15.6	16.0
170.0	16.3	16.6	16.7	17.2	16.3	16.4	16.3	16.8	17.0
175.0	17.4	17.6	17.7	18.3	17.5	17.4	17.4	17.6	17.9
180.0	17.9	18.1	18.4	19.0	18.4	18.2	18.1	18.2	18.4

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 Operators: FATMA KARA
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