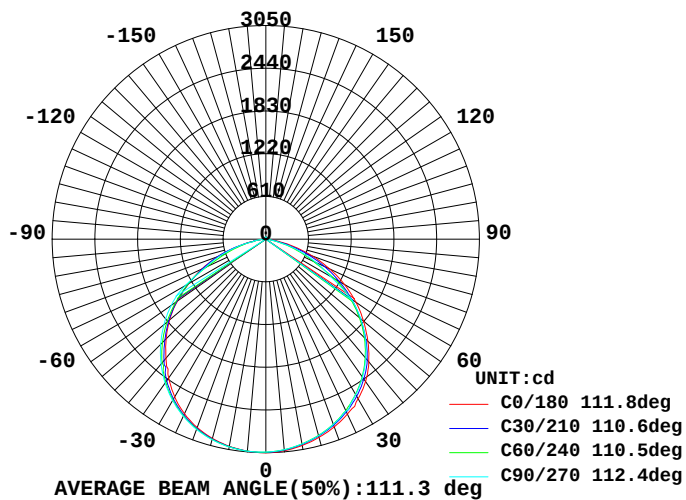


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 70W 5000K PS Konso1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4718	DIMENSION:	SERIAL No.:

MODEL :		Imax(cd) :	3050	Effective Flux(lm) :	8344.5
NOMINAL POWER(W) :	62	MAXIMUM(C, γ) :	0, 0.0	EEI	0.102
RATED VOLTAGE(V) :	220	EFFICIENCY(%) :	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm) :	8344.6	η street_up(%) :	0.7	Current(A)	0.292
TEST FLUX(lm) :	8344.6	η street_down(%) :	50.3	Power(W)	62.57
LAMPS QUANTITY :	1	η house_up(%) :	0.7	Power Factor	0.971
TOTAL RADIANT(mw) :	8344.6	η house_down(%) :	48.3	EEFICIENCY(lm/W)	133.4



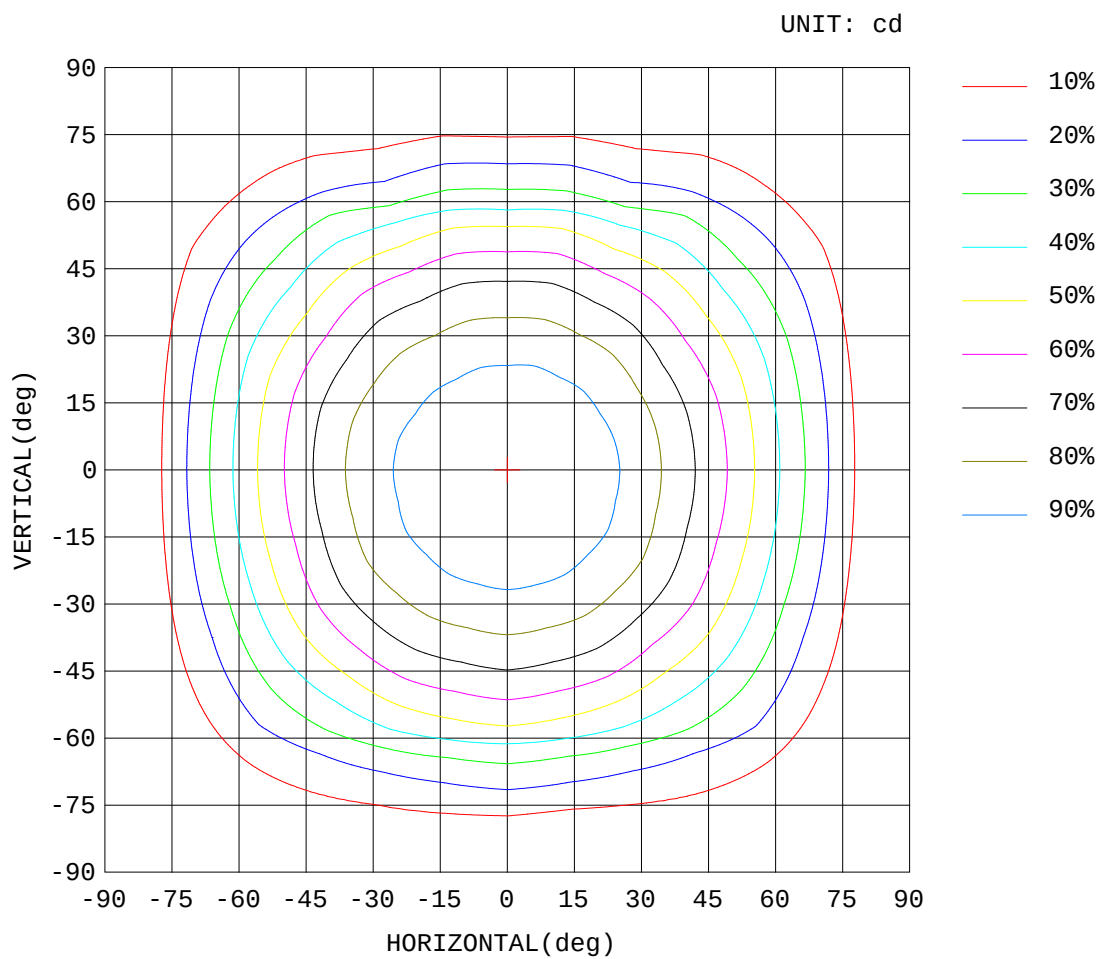
Temperature:25.3'C
Operators:
Test Date:02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 80Ra, 0.2%Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 70W 5000K PS Konso1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4718	DIMENSION:	SERIAL No.:



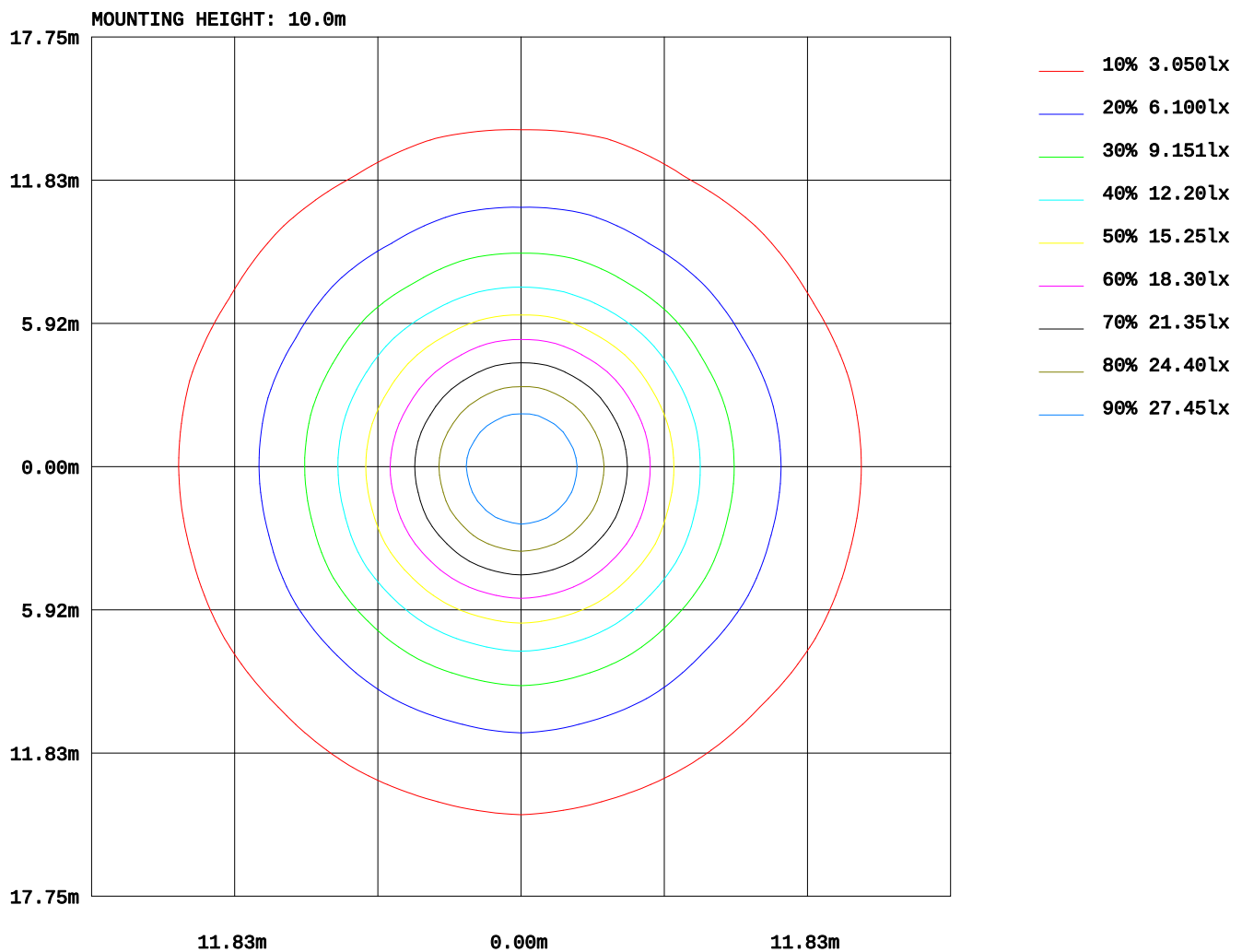
Temperature:25.3'C
Operators:
Test Date:02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 80Ra, 0.2%Flickering

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 70W 5000K PS Konso1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4718	DIMENSION:	SERIAL No.:



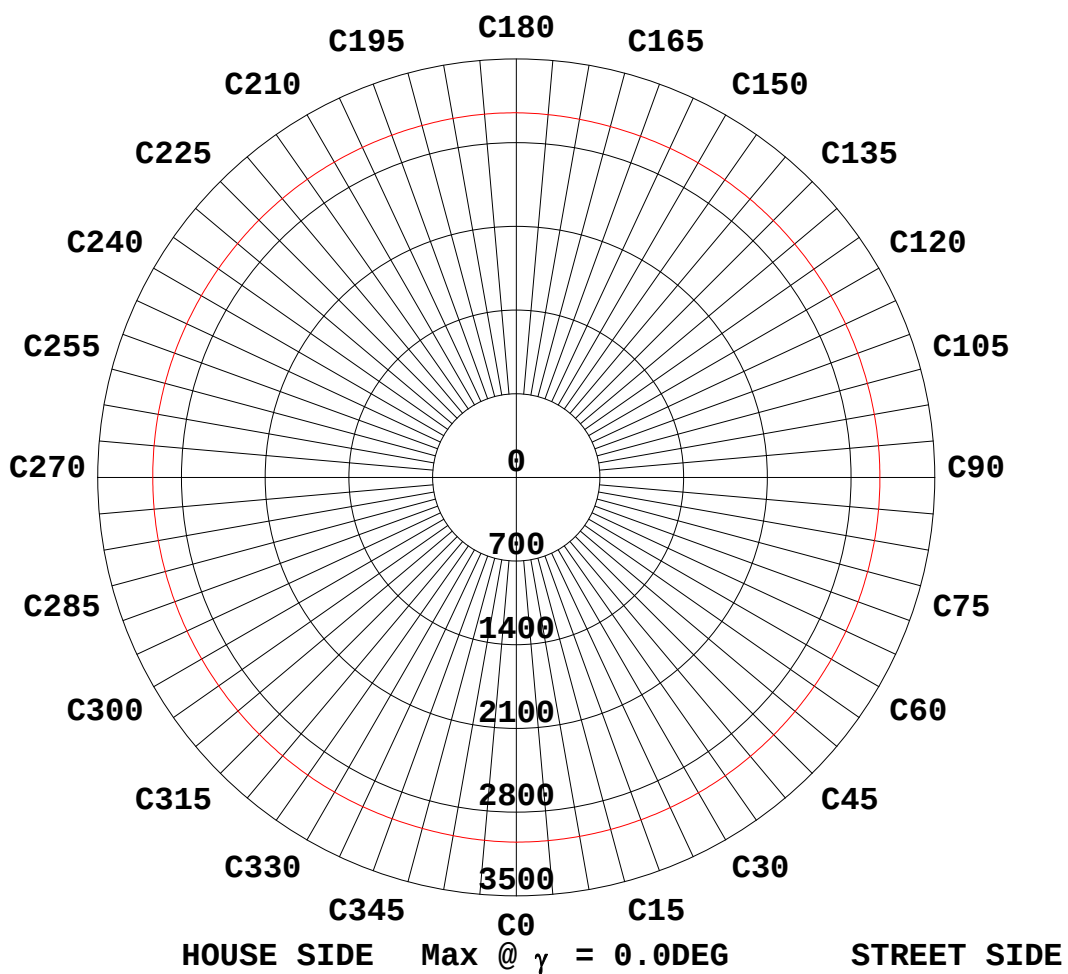
Temperature: 25.3°C
 Operators:
 Test Date: 02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 80Ra, 0.2% Flickering

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 70W 5000K PS Konso1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4718	DIMENSION:	SERIAL No.:



Temperature:25.3'C
Operators:
Test Date:02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 80Ra, 0.2%Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 70W 5000K PS Konso1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4718	DIMENSION:	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	0	15	30	45	60	75	90	105	120	135	150	165	180	195	210
0.0	3050	3048	3046	3045	3042	3042	3041	3040	3038	3039	3040	3039	3050	3048	3046
5.0	3038	3035	3039	3037	3038	3038	3039	3035	3034	3029	3028	3022	3034	3030	3025
10.0	3003	3000	3007	3006	3011	3010	3012	3005	3005	2995	2993	2982	2991	2988	2979
15.0	2947	2941	2955	2951	2961	2957	2964	2953	2955	2941	2940	2924	2931	2928	2912
20.0	2863	2859	2876	2873	2886	2882	2890	2878	2882	2866	2867	2848	2855	2849	2828
25.0	2750	2748	2770	2767	2782	2779	2789	2775	2781	2766	2772	2752	2757	2749	2722
30.0	2604	2605	2638	2634	2654	2648	2662	2647	2655	2643	2655	2631	2634	2628	2592
35.0	2419	2422	2466	2467	2493	2487	2506	2486	2499	2488	2504	2476	2485	2478	2441
40.0	2218	2215	2262	2267	2304	2298	2325	2299	2315	2304	2319	2277	2289	2289	2252
45.0	2016	2008	2042	2040	2090	2090	2126	2092	2108	2094	2099	2053	2060	2068	2018
50.0	1793	1780	1806	1784	1842	1852	1897	1858	1870	1839	1845	1808	1824	1824	1764
55.0	1542	1529	1549	1523	1568	1597	1646	1608	1602	1561	1576	1554	1572	1570	1494
60.0	1275	1258	1278	1261	1287	1305	1333	1324	1319	1280	1300	1282	1296	1301	1214
65.0	1004	971	995	986	922	906	952	922	958	993	1007	984	1008	1005	927
70.0	728	681	736	640	617	633	694	640	627	652	728	677	709	702	638
75.0	435	412	440	380	382	379	434	389	386	370	448	398	413	428	330
80.0	169	176	173	158	169	141	179	145	169	154	178	165	180	173	127
85.0	71.1	37.0	69.0	31.0	55.8	24.7	53.6	25.4	56.1	30.8	66.2	34.4	41.2	61.0	22.5
90.0	17.2	5.10	18.0	5.60	19.6	6.40	20.5	6.00	18.9	4.90	17.4	5.00	5.50	16.5	5.20
95.0	14.5	6.30	14.1	5.90	13.5	5.60	13.5	5.60	13.5	5.90	14.1	6.30	6.90	14.5	6.60
100.0	14.5	7.90	14.0	7.40	13.5	7.10	13.4	7.10	13.5	7.40	14.1	7.90	8.50	14.5	8.20
105.0	15.2	9.70	14.5	9.09	14.1	8.80	14.0	8.80	14.1	9.09	14.5	9.60	10.3	15.2	10.0
110.0	16.2	11.5	15.6	10.9	15.0	10.7	15.0	10.5	15.0	10.9	15.5	11.4	12.3	16.2	11.9
115.0	17.5	13.4	16.6	12.8	16.2	12.5	16.2	12.5	16.2	12.7	16.5	13.3	14.3	17.5	13.7
120.0	18.9	15.2	18.0	14.5	17.5	14.4	17.5	14.3	17.5	14.5	18.0	15.2	16.3	18.9	15.7
125.0	20.4	17.1	19.4	16.3	18.9	16.2	19.0	16.1	18.7	16.4	19.4	17.1	18.2	20.4	17.5
130.0	21.9	19.0	20.8	18.1	20.2	18.0	20.4	17.9	20.2	18.0	20.9	19.1	20.2	21.9	19.4
135.0	23.5	20.7	22.3	19.9	21.6	19.9	21.9	19.6	21.6	19.9	22.4	21.0	22.1	23.5	21.1
140.0	24.9	22.5	23.7	21.6	23.2	21.6	23.4	21.4	23.1	21.6	23.9	22.7	23.7	25.0	22.7
145.0	26.1	24.1	25.0	23.4	24.6	23.4	24.7	23.1	24.5	23.2	25.2	24.5	25.2	26.4	24.4
150.0	27.2	25.5	26.4	24.9	26.1	25.0	26.1	24.6	25.9	24.9	26.6	26.0	26.4	27.7	25.7
155.0	28.4	26.8	27.5	26.3	27.5	26.6	27.5	26.1	27.2	26.3	27.9	27.4	27.7	28.9	27.1
160.0	29.4	28.0	28.7	27.7	28.7	28.0	28.7	27.5	28.4	27.7	29.1	28.6	29.1	29.8	28.2
165.0	30.5	29.0	29.8	28.7	29.8	29.1	29.8	28.7	29.4	28.7	30.1	29.6	30.1	30.7	29.3
170.0	31.4	29.9	30.5	29.6	30.7	30.1	31.0	29.6	30.5	29.8	30.8	30.3	31.2	31.2	30.0
175.0	32.0	30.5	31.0	30.4	31.2	30.7	31.7	30.4	31.0	30.4	31.2	30.7	31.7	31.6	30.5
180.0	32.2	31.0	31.4	30.7	31.4	31.0	32.3	31.0	31.4	30.7	31.5	31.0	32.3	31.6	30.8

Temperature:25.3'C
Operators:
Test Date:02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 80Ra, 0.2%Flickering

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 70W 5000K PS Konso1		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4718	DIMENSION:	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	3045	3042	3042	3041	3040	3038	3039	3040	3039
5.0	3024	3019	3020	3018	3020	3019	3024	3024	3027
10.0	2978	2970	2975	2972	2978	2977	2986	2985	2992
15.0	2914	2902	2911	2905	2917	2912	2926	2924	2936
20.0	2827	2814	2823	2818	2831	2826	2840	2838	2853
25.0	2718	2705	2711	2708	2720	2714	2729	2724	2740
30.0	2589	2560	2579	2566	2586	2569	2591	2575	2597
35.0	2433	2399	2420	2408	2425	2404	2419	2398	2415
40.0	2253	2209	2238	2222	2243	2205	2219	2185	2211
45.0	2043	1991	2034	2009	2037	1978	1990	1956	2003
50.0	1790	1746	1795	1769	1795	1723	1741	1724	1779
55.0	1511	1464	1525	1485	1520	1434	1484	1468	1532
60.0	1232	1131	1138	1071	1130	1109	1219	1192	1267
65.0	932	749	829	795	815	734	926	914	989
70.0	581	484	562	529	547	480	582	641	708
75.0	339	249	319	247	310	247	346	339	433
80.0	151	84.0	124	67.9	125	86.4	157	131	172
85.0	36.1	16.5	31.2	15.9	31.0	16.5	36.7	24.2	63.2
90.0	14.8	5.10	14.1	5.00	14.1	5.10	15.0	5.20	17.6
95.0	13.9	6.50	13.6	6.50	13.6	6.60	14.0	6.60	14.5
100.0	14.1	8.20	13.9	8.10	13.9	8.20	14.2	8.29	14.5
105.0	14.9	10.0	14.7	10.0	14.7	10.0	15.0	10.1	15.2
110.0	16.0	11.8	15.9	11.9	15.9	11.9	16.1	12.0	16.4
115.0	17.2	13.7	17.2	13.9	17.2	13.7	17.4	13.9	17.7
120.0	18.6	15.7	18.6	15.9	18.6	15.7	18.7	15.9	19.1
125.0	20.1	17.4	20.0	17.7	20.1	17.5	20.2	17.7	20.6
130.0	21.6	19.3	21.6	19.6	21.6	19.4	21.6	19.6	22.1
135.0	23.0	21.0	23.0	21.4	23.1	21.1	23.1	21.2	23.6
140.0	24.2	22.5	24.2	22.9	24.6	22.7	24.5	22.9	25.0
145.0	25.6	24.0	25.7	24.4	26.0	24.4	25.9	24.4	26.3
150.0	26.8	25.4	26.9	25.7	27.2	25.9	27.0	25.7	27.4
155.0	28.0	26.6	28.0	27.0	28.6	27.1	28.2	27.0	28.5
160.0	29.1	27.9	29.0	28.2	29.6	28.2	29.1	28.2	29.4
165.0	29.9	28.9	29.9	29.4	30.5	29.3	30.1	29.1	30.3
170.0	30.7	29.8	30.7	30.5	31.2	30.1	30.7	29.9	30.8
175.0	31.2	30.4	31.2	31.2	31.6	30.5	31.2	30.5	31.4
180.0	31.4	30.7	31.5	31.7	31.6	30.8	31.4	30.8	31.6

Temperature:25.3'C
Operators:
Test Date:02-06-2021

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 80Ra, 0.2%Flickering