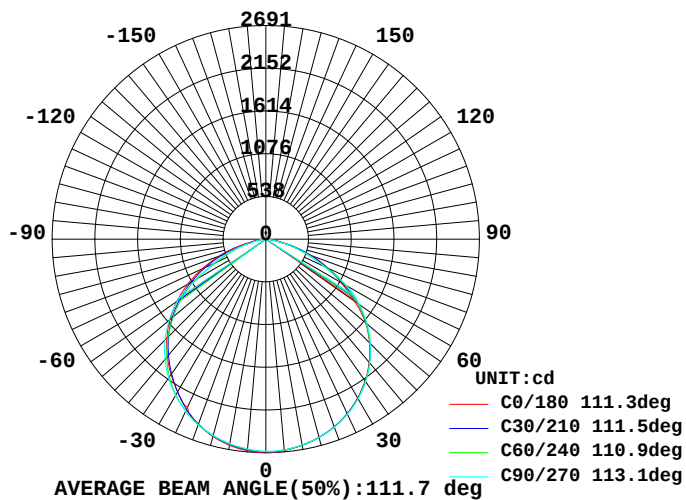


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 60W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4834	DIMENSION: 525x112x32	SERIAL No.:

MODEL :		Imax(cd) :	2691	Effective Flux(lm) :	7313.8
NOMINAL POWER(W) :	54	MAXIMUM(C, γ) :	0, 0.0	EEI	0.102
RATED VOLTAGE(V) :	220	EFFICIENCY(%) :	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm) :	7313.8	η street_up(%) :	0.7	Current(A)	0.260
TEST FLUX(lm) :	7313.8	η street_down(%) :	47.9	Power(W)	54.77
LAMPS QUANTITY :	1	η house_up(%) :	0.7	Power Factor	0.953
TOTAL RADIANT(mw) :	7313.8	η house_down(%) :	50.7	EEFICIENCY(lm/W)	133.5



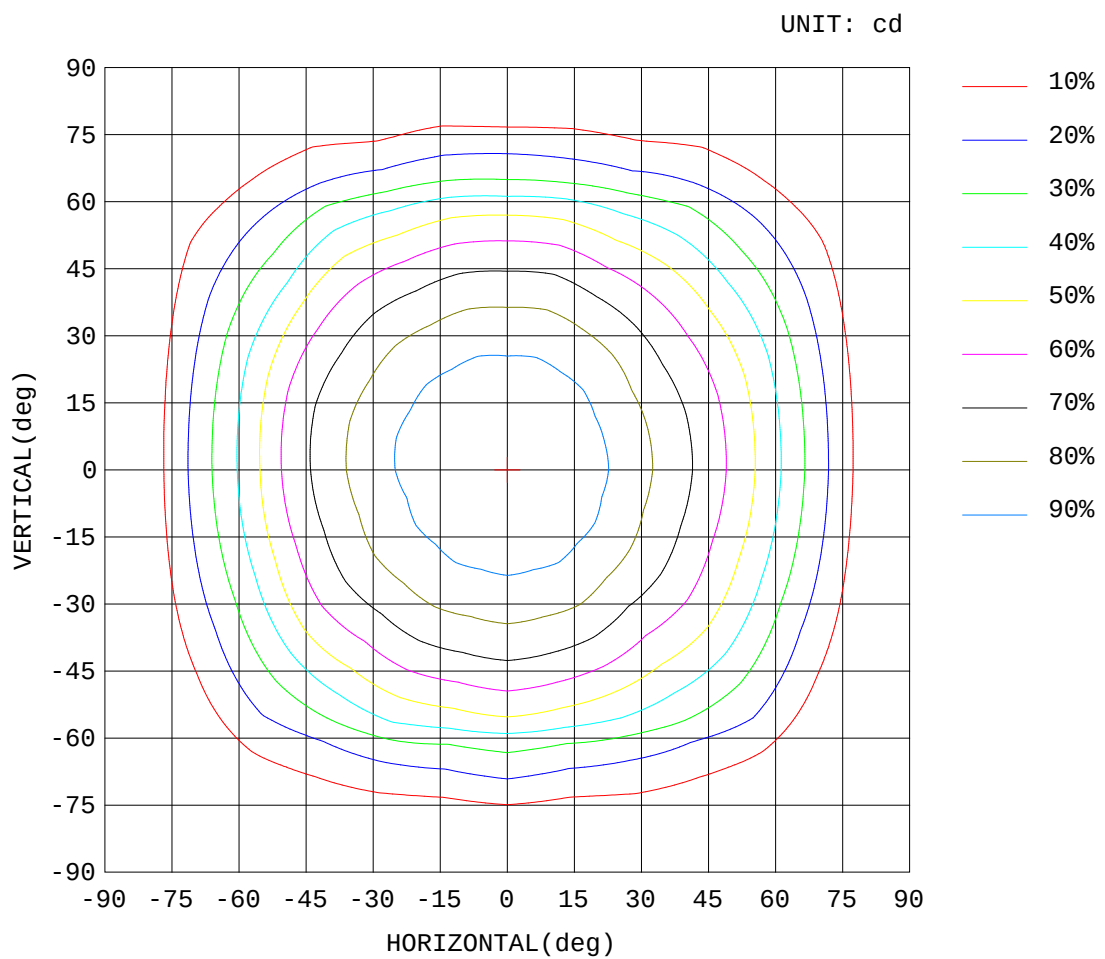
Temperature: 25.3'C
Operators:
Test Date: 12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 82Ra 0.2 Flickering Temp 44.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 60W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4834	DIMENSION: 525x112x32	SERIAL No.:



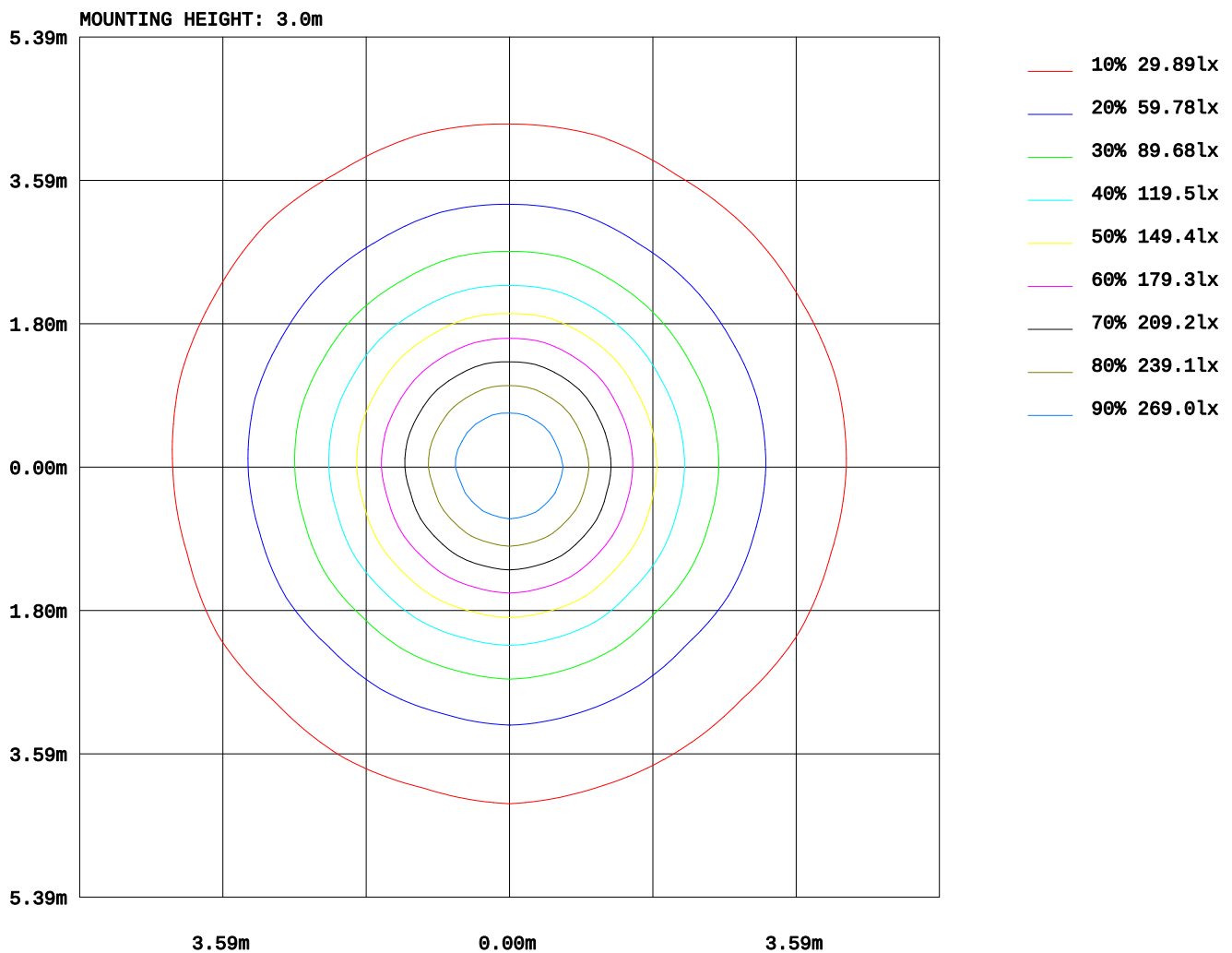
Temperature:25.3'C
Operators:
Test Date:12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra 0.2Flickering Temp 44.3C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 60W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4834	DIMENSION: 525x112x32	SERIAL No.:



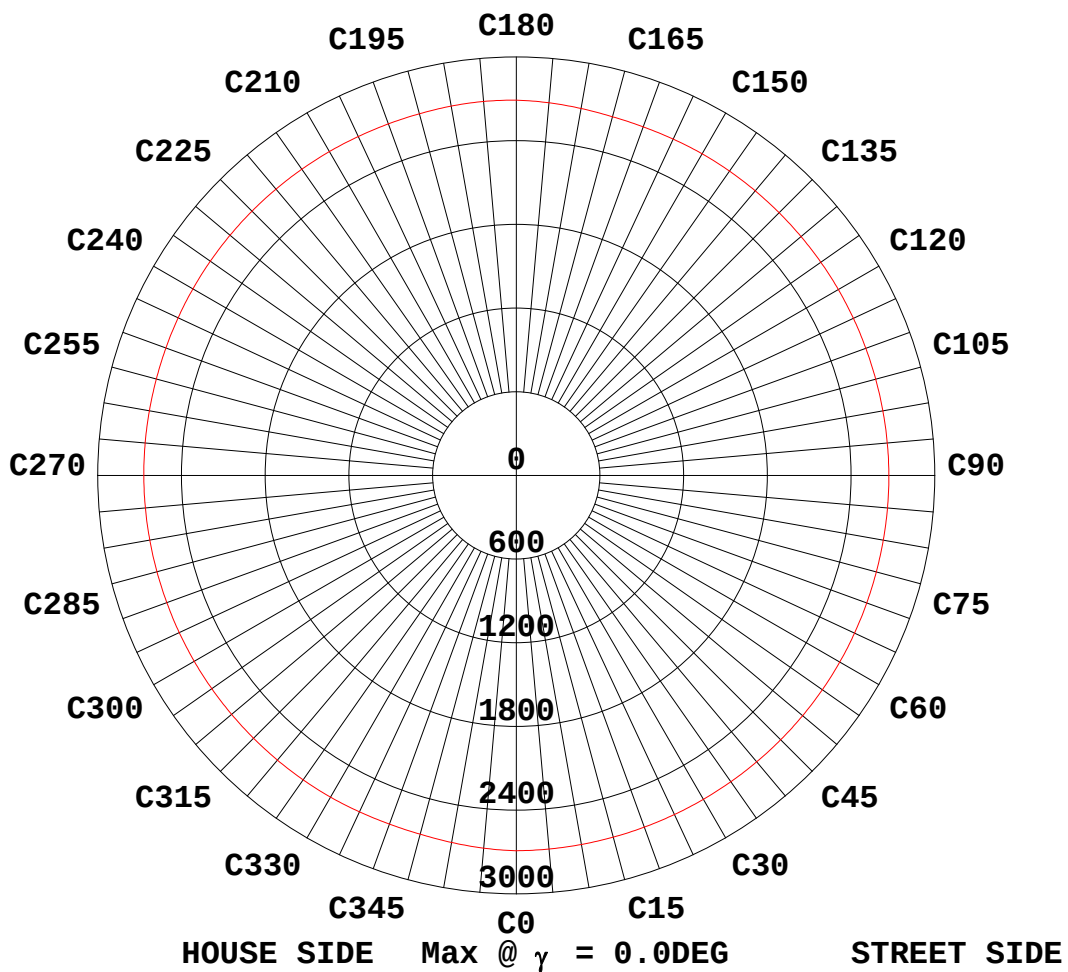
Temperature: 25.3°C
 Operators:
 Test Date: 12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra 0.2 Flickering Temp 44.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 60W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4834	DIMENSION: 525x112x32	SERIAL No.:



Temperature: 25.3'C
Operators:
Test Date: 12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 82Ra 0.2 Flickering Temp 44.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 60W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4834	DIMENSION: 525x112x32	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	2691	2685	2681	2680	2677	2672	2670	2667	2666	2664	2663	2663	2691	2685	2681
5.0	2675	2663	2664	2656	2659	2651	2653	2646	2648	2644	2646	2643	2672	2671	2666
10.0	2636	2623	2625	2616	2620	2612	2616	2608	2612	2606	2612	2607	2637	2641	2634
15.0	2574	2558	2565	2555	2564	2554	2561	2551	2558	2550	2559	2553	2586	2592	2585
20.0	2484	2466	2482	2472	2489	2477	2489	2475	2487	2475	2489	2479	2514	2523	2516
25.0	2337	2344	2366	2367	2390	2380	2392	2379	2392	2380	2396	2387	2422	2437	2427
30.0	2222	2201	2222	2228	2266	2258	2274	2256	2273	2260	2281	2273	2313	2328	2318
35.0	2082	2053	2071	2060	2119	2113	2137	2112	2133	2115	2148	2137	2179	2198	2185
40.0	1930	1900	1908	1882	1942	1951	1977	1949	1966	1948	1988	1982	2023	2051	2030
45.0	1762	1727	1733	1687	1739	1761	1795	1759	1777	1753	1807	1801	1848	1876	1856
50.0	1577	1533	1542	1483	1522	1545	1593	1544	1570	1536	1604	1590	1637	1674	1653
55.0	1366	1321	1324	1270	1286	1308	1361	1312	1338	1308	1359	1325	1361	1419	1415
60.0	1136	1083	1087	1037	1029	951	992	968	1084	1052	1071	1051	1097	1141	1128
65.0	888	820	840	780	681	654	728	659	719	771	814	798	853	896	857
70.0	632	562	587	461	450	429	497	436	455	446	564	547	611	639	613
75.0	371	320	301	239	256	203	264	207	250	234	304	312	361	393	364
80.0	183	121	143	79.6	110	59.5	112	58.0	107	81.3	142	124	158	172	138
85.0	57.4	22.1	38.2	12.8	26.3	13.0	26.4	13.0	26.8	13.0	39.3	22.7	36.7	62.8	32.9
90.0	15.2	4.70	13.9	4.60	13.0	4.50	13.0	4.50	13.0	4.50	13.7	4.70	5.00	18.0	5.10
95.0	13.4	5.90	12.9	5.80	12.4	5.70	12.4	5.70	12.4	5.70	12.9	5.80	6.20	13.5	5.60
100.0	13.4	7.30	13.0	7.20	12.6	7.10	12.6	7.00	12.6	7.10	12.9	7.20	7.60	13.4	7.00
105.0	14.0	8.90	13.6	8.80	13.3	8.70	13.3	8.60	13.2	8.60	13.4	8.70	9.20	13.7	8.50
110.0	14.8	10.5	14.5	10.4	14.2	10.3	14.2	10.2	14.0	10.1	14.2	10.2	10.9	14.5	10.1
115.0	15.9	12.2	15.5	12.0	15.2	11.9	15.2	11.8	15.0	11.7	15.2	11.8	12.6	15.5	11.5
120.0	17.1	13.7	16.5	13.6	16.4	13.5	16.5	13.4	16.2	13.2	16.3	13.3	14.3	16.6	13.3
125.0	18.4	15.4	17.8	15.2	17.6	15.2	17.7	14.9	17.2	14.9	17.4	15.0	16.0	17.8	14.9
130.0	19.6	17.0	19.0	16.6	18.7	16.6	18.9	16.5	18.5	16.4	18.6	16.5	17.7	19.1	16.5
135.0	20.9	18.6	20.2	18.1	20.1	18.2	20.2	18.0	19.6	17.8	19.9	18.1	19.3	20.5	18.0
140.0	22.1	20.0	21.4	19.6	21.2	19.7	21.2	19.4	20.8	19.3	21.1	19.7	20.7	21.7	19.6
145.0	23.1	21.4	22.6	21.0	22.5	21.1	22.5	20.7	22.0	20.6	22.3	21.1	22.1	23.0	20.9
150.0	24.2	22.6	23.7	22.3	23.7	22.6	23.6	22.0	23.1	21.9	23.4	22.5	23.1	24.2	22.2
155.0	25.2	23.7	24.6	23.4	24.6	23.8	24.5	23.1	24.1	23.0	24.4	23.7	24.2	25.0	23.4
160.0	26.1	24.6	25.5	24.5	25.6	24.7	25.4	24.2	25.0	24.1	25.4	24.6	25.2	26.0	24.4
165.0	27.0	25.5	26.3	25.2	26.4	25.7	26.4	25.0	25.9	25.0	26.1	25.6	26.1	26.8	25.4
170.0	27.7	26.1	26.9	26.1	27.0	26.4	27.2	25.9	26.6	25.7	26.8	26.1	27.1	27.2	26.1
175.0	28.0	26.6	27.2	26.4	27.4	26.8	27.9	26.4	27.1	26.3	27.2	26.6	27.7	27.5	26.4
180.0	28.2	27.1	27.4	26.8	27.4	27.0	28.0	27.0	27.4	26.8	27.2	26.9	28.2	27.7	27.0

Temperature:25.3'C
Operators:
Test Date:12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra 0.2Flickering Temp 44.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 60W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4834	DIMENSION: 525x112x32	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2680	2677	2672	2670	2667	2666	2664	2663	2663
5.0	2670	2666	2669	2664	2663	2658	2657	2651	2651
10.0	2641	2635	2641	2633	2635	2627	2628	2617	2617
15.0	2594	2588	2595	2586	2589	2578	2579	2562	2561
20.0	2528	2520	2529	2519	2524	2509	2506	2482	2477
25.0	2443	2431	2445	2430	2440	2417	2411	2370	2362
30.0	2333	2322	2336	2322	2332	2302	2284	2232	2224
35.0	2201	2187	2206	2190	2202	2160	2129	2080	2082
40.0	2049	2029	2057	2036	2051	1990	1959	1919	1933
45.0	1870	1852	1880	1863	1872	1798	1774	1750	1770
50.0	1673	1646	1683	1664	1671	1585	1575	1562	1587
55.0	1452	1413	1456	1439	1439	1359	1367	1352	1386
60.0	1206	1160	1203	1175	1177	1123	1139	1126	1159
65.0	925	843	837	802	804	821	904	878	914
70.0	615	536	587	573	549	526	615	628	649
75.0	353	313	368	350	337	314	350	373	396
80.0	183	114	164	130	155	116	180	137	177
85.0	60.2	25.2	46.9	23.1	45.7	24.2	58.6	32.7	62.3
90.0	18.0	5.80	18.7	6.40	18.7	6.10	18.1	5.20	18.0
95.0	13.0	5.30	12.7	5.20	12.6	5.40	12.9	5.60	13.4
100.0	12.9	6.70	12.6	6.60	12.5	6.70	12.9	7.00	13.3
105.0	13.4	8.20	13.0	8.20	13.0	8.29	13.4	8.60	13.9
110.0	14.1	9.80	13.9	9.80	13.9	9.90	14.2	10.2	14.7
115.0	15.0	11.5	15.0	11.5	15.0	11.5	15.2	11.8	15.7
120.0	16.2	13.0	16.1	13.2	16.2	13.2	16.4	13.5	16.9
125.0	17.4	14.7	17.2	14.9	17.2	14.8	17.5	15.0	18.0
130.0	18.6	16.2	18.5	16.4	18.6	16.3	18.7	16.5	19.3
135.0	19.7	17.7	19.6	17.9	19.7	17.9	20.0	18.0	20.6
140.0	21.0	19.1	20.9	19.3	21.1	19.3	21.1	19.6	21.7
145.0	22.1	20.4	22.0	20.7	22.3	20.7	22.4	21.0	22.9
150.0	23.1	21.6	23.1	21.9	23.5	22.1	23.5	22.2	24.0
155.0	24.2	22.9	24.1	23.1	24.6	23.2	24.5	23.2	24.9
160.0	25.0	23.9	25.0	24.2	25.6	24.2	25.4	24.2	25.7
165.0	26.0	24.9	25.7	25.4	26.4	25.2	26.1	25.2	26.3
170.0	26.6	25.7	26.6	26.4	27.1	26.1	26.8	25.9	26.9
175.0	27.2	26.4	27.2	27.1	27.5	26.6	27.2	26.4	27.2
180.0	27.4	26.9	27.5	27.5	27.5	26.9	27.2	26.8	27.5

Temperature:25.3'C
Operators:
Test Date:12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra 0.2Flickering Temp 44.3C