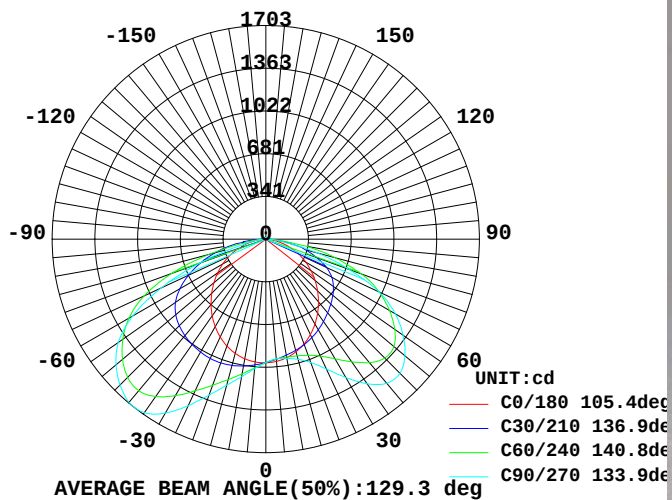


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K SH2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4806	DIMENSION: 525x112x32	SERIAL No.:

MODEL:		Imax(cd):	1703	Effective Flux(lm):	4659.1
NOMINAL POWER(W):	38	MAXIMUM(C, γ):	90, 38.0	EEI	0.112
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4659.1	η street_up(%):	0.7	Current(A)	0.181
TEST FLUX(lm):	4659.1	η street_down(%):	51.3	Power(W)	38.13
LAMPS QUANTITY:	1	η house_up(%)	0.8	Power Factor	0.954
TOTAL RADIANT(mw):	4659.1	η house_down(%)	47.2	EEFICIENCY(lm/W)	122.2



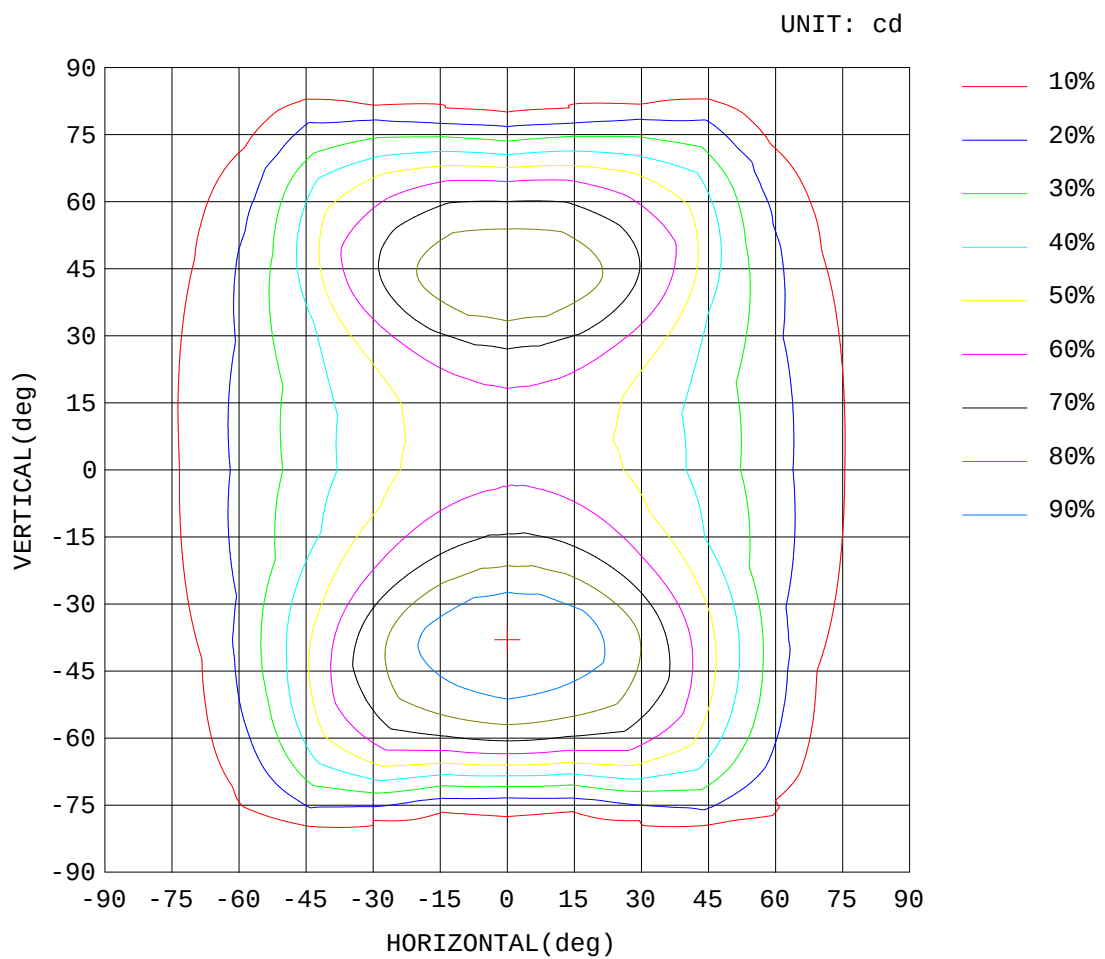
Temperature: 25.3'C
 Operators:
 Test Date: 12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 81Ra 1Flickering Temp 38.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K SH2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4806	DIMENSION: 525x112x32	SERIAL No.:



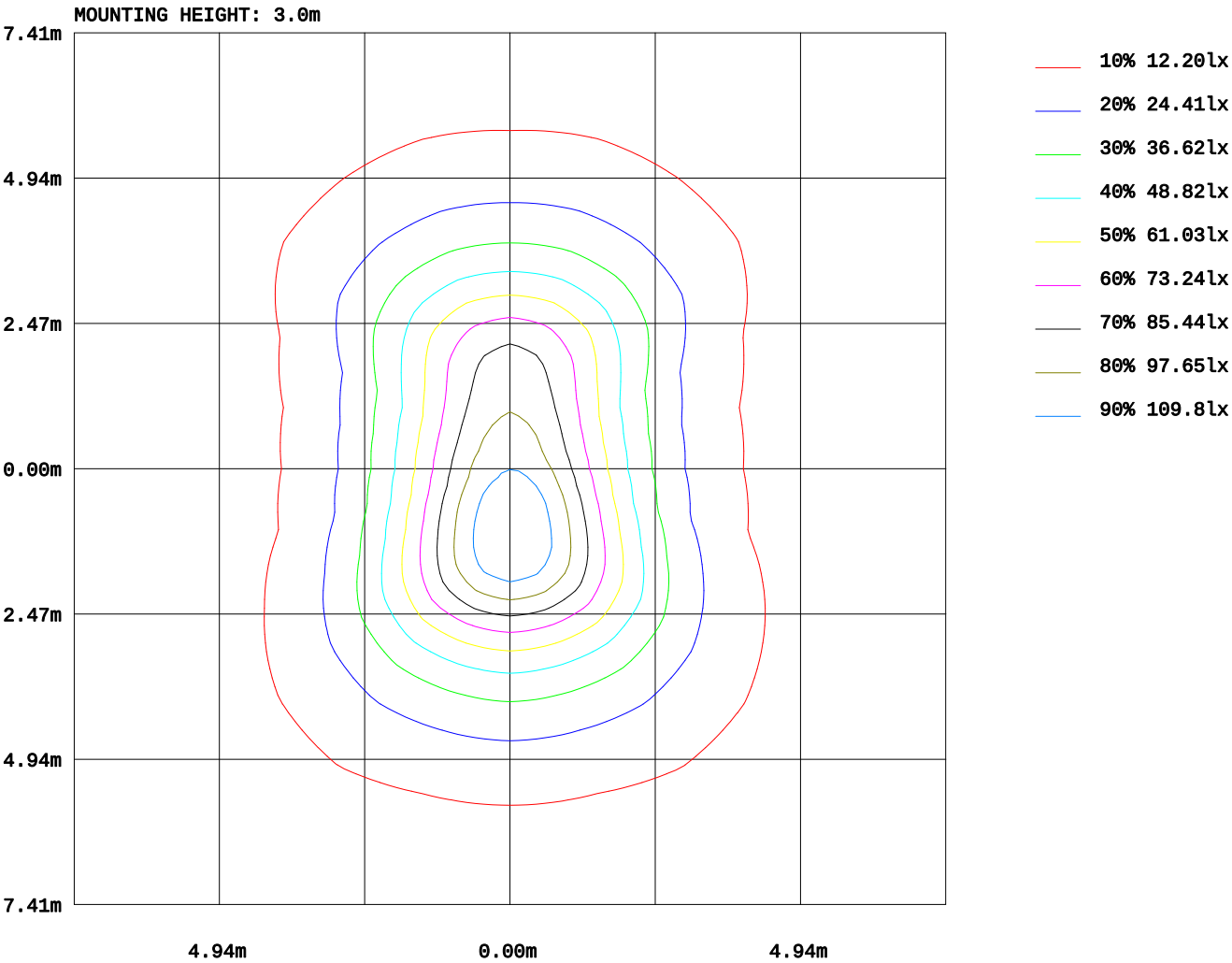
Temperature:25.3'C
Operators:
Test Date:12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 1Flickering Temp 38.3C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K SH2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4806	DIMENSION: 525x112x32	SERIAL No.:



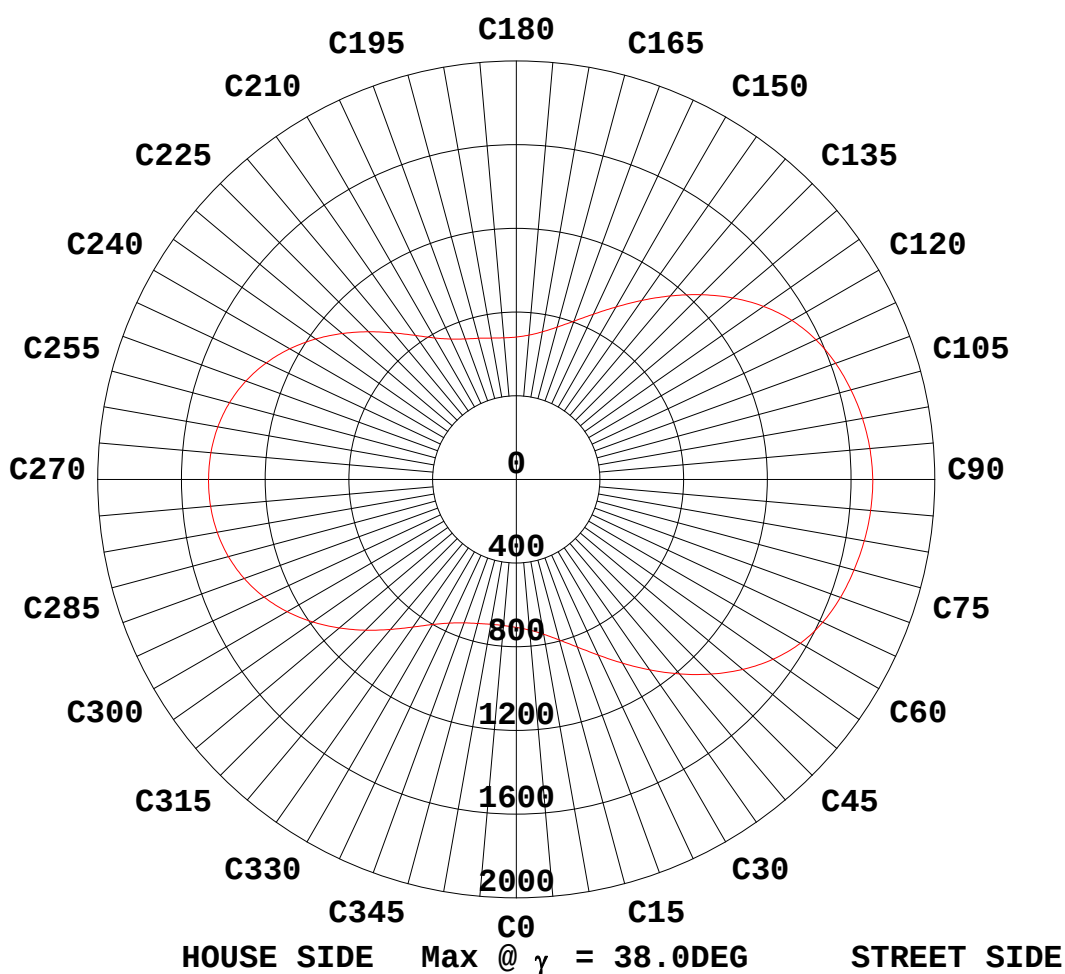
Temperature:25.3'C
Operators:
Test Date:12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 1Flickering Temp 38.3C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K SH2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4806	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: 81Ra 1Flickering Temp 38.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K SH2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4806	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	986	986	984	988	984	988	984	985	981	981	976	976	986	986	984
5.0	984	994	1007	1023	1031	1042	1038	1037	1023	1011	993	978	979	970	962
10.0	968	992	1028	1064	1091	1111	1115	1107	1078	1046	1008	972	959	947	940
15.0	944	981	1042	1107	1159	1202	1205	1192	1140	1082	1016	955	930	917	918
20.0	908	960	1050	1149	1240	1310	1325	1296	1213	1115	1018	930	890	881	895
25.0	861	928	1049	1193	1335	1440	1467	1422	1299	1151	1010	893	841	838	868
30.0	808	885	1041	1241	1440	1569	1600	1549	1396	1190	993	847	783	788	836
35.0	746	833	1026	1289	1532	1655	1689	1637	1484	1227	969	792	721	735	802
40.0	681	769	1005	1330	1578	1668	1698	1652	1534	1260	939	728	654	676	767
45.0	611	698	976	1341	1558	1613	1645	1602	1522	1271	902	657	584	614	733
50.0	540	624	937	1304	1491	1529	1559	1518	1458	1239	856	583	514	547	698
55.0	470	543	880	1223	1393	1408	1437	1399	1365	1164	795	501	441	478	658
60.0	398	459	793	1114	1262	1222	1228	1218	1240	1059	706	417	368	407	607
65.0	323	368	679	978	1067	932	919	937	1061	927	590	330	298	334	534
70.0	248	286	554	814	800	583	571	595	810	765	467	236	218	260	434
75.0	178	179	418	604	463	246	256	253	486	563	343	158	146	192	326
80.0	106	100	272	345	169	95.7	120	96.5	166	331	220	86.5	82.0	121	194
85.0	46.7	36.0	133	77.0	67.5	30.1	51.7	28.9	68.9	80.5	108	29.6	28.2	58.0	76.4
90.0	10.5	3.10	15.6	5.00	15.8	5.30	14.0	5.10	15.2	4.50	14.1	3.10	3.20	13.2	4.00
95.0	8.90	3.70	12.2	6.10	14.5	6.50	13.2	6.20	13.7	5.30	11.5	3.70	3.80	9.60	4.80
100.0	8.60	4.40	11.5	7.50	14.4	7.90	13.3	7.50	13.4	6.20	11.0	4.30	4.50	9.40	5.70
105.0	8.60	5.10	11.5	8.60	14.1	9.09	13.7	8.70	13.3	7.00	10.7	5.10	5.20	9.40	6.70
110.0	8.70	5.80	11.5	9.09	14.0	10.1	14.4	9.60	13.3	7.70	10.5	5.70	6.00	9.70	7.50
115.0	9.00	6.50	11.5	9.50	14.1	10.9	14.8	10.5	13.5	8.20	10.7	6.40	6.80	10.0	8.29
120.0	9.40	7.20	11.8	9.80	14.2	11.4	15.2	11.1	13.7	8.90	10.9	7.10	7.60	10.4	9.00
125.0	9.80	7.80	12.0	10.2	14.3	11.9	15.4	11.5	13.7	9.50	11.2	7.80	8.29	10.8	9.70
130.0	10.2	8.60	12.3	10.5	14.4	12.4	15.5	11.9	13.7	10.0	11.5	8.50	9.00	11.2	10.3
135.0	10.7	9.20	12.5	10.5	14.4	12.8	15.4	12.1	13.7	10.4	11.8	9.09	9.70	11.5	10.8
140.0	11.1	9.70	12.6	11.3	14.3	13.0	15.2	12.3	13.7	10.9	12.1	9.70	10.3	12.0	11.2
145.0	11.5	10.2	12.7	11.5	14.3	13.0	15.0	12.4	13.7	11.2	12.3	10.3	10.8	12.3	11.5
150.0	11.8	10.7	12.8	11.8	14.5	13.2	14.9	12.5	13.7	11.5	12.5	10.8	11.3	12.6	11.8
155.0	12.2	11.1	13.0	12.0	14.5	13.3	14.7	12.6	13.7	11.8	12.7	11.4	11.7	12.8	12.0
160.0	12.5	11.5	13.0	12.2	14.3	13.2	14.4	12.6	13.7	12.1	12.9	11.8	12.2	13.0	12.2
165.0	12.9	11.9	13.2	12.4	14.1	13.0	14.2	12.7	13.7	12.3	13.0	12.2	12.6	13.2	12.3
170.0	13.3	12.2	13.4	12.6	14.0	12.9	14.1	12.7	13.7	12.6	13.4	12.6	13.0	13.3	12.5
175.0	13.5	12.5	13.5	12.7	13.9	12.9	14.0	12.9	13.9	12.9	13.5	12.8	13.4	13.4	12.6
180.0	13.6	12.8	13.4	12.9	13.7	13.2	14.1	13.3	14.0	13.3	13.6	13.0	13.7	13.3	12.7

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: 81Ra 1Flickering Temp 38.3C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K SH2		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4806	DIMENSION: 525x112x32	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	988	984	988	984	985	981	981	976	976
5.0	962	959	960	959	960	959	961	959	965
10.0	948	955	962	965	963	958	951	942	946
15.0	942	964	982	992	985	970	949	925	920
20.0	939	985	1026	1046	1030	995	950	905	887
25.0	941	1030	1107	1143	1112	1042	956	881	847
30.0	952	1103	1222	1275	1229	1117	970	852	802
35.0	977	1194	1351	1407	1357	1208	997	821	749
40.0	1014	1284	1453	1500	1458	1298	1035	787	689
45.0	1052	1341	1485	1513	1490	1355	1074	753	627
50.0	1080	1333	1440	1449	1446	1346	1100	719	562
55.0	1068	1257	1338	1336	1344	1271	1088	679	494
60.0	1002	1138	1210	1192	1216	1151	1022	629	425
65.0	888	998	1040	999	1046	1010	907	561	352
70.0	744	812	778	709	783	823	767	467	275
75.0	561	573	511	424	516	582	597	354	201
80.0	383	335	240	171	243	338	409	208	129
85.0	168	90.6	96.9	58.0	99.0	95.3	170	84.1	63.4
90.0	24.7	5.10	19.6	4.80	20.4	5.80	27.7	4.40	14.5
95.0	14.9	6.10	14.0	6.00	14.3	6.90	15.9	5.20	9.70
100.0	14.1	7.40	13.9	7.60	14.3	8.29	15.0	6.30	9.40
105.0	13.7	8.60	14.3	9.20	14.7	9.20	14.9	7.30	9.50
110.0	13.7	9.50	14.8	10.7	15.2	10.0	14.8	8.20	9.80
115.0	13.7	10.5	15.2	11.9	15.7	10.9	14.7	9.09	10.2
120.0	13.7	11.4	15.8	13.0	16.0	11.7	14.7	9.90	10.7
125.0	14.1	12.0	16.1	13.7	16.2	12.3	14.7	10.5	11.1
130.0	14.3	12.5	16.3	14.2	16.5	12.9	14.8	11.1	11.5
135.0	14.4	12.8	16.3	14.5	16.7	13.3	14.9	11.5	12.0
140.0	14.4	13.0	16.3	14.7	16.9	13.6	15.0	11.9	12.4
145.0	14.5	13.2	16.1	14.5	16.9	13.7	15.0	12.2	12.6
150.0	14.4	13.3	15.9	14.5	16.6	14.1	15.0	12.4	12.8
155.0	14.4	13.2	15.6	14.4	16.5	14.2	15.0	12.6	12.9
160.0	14.3	13.0	15.2	14.2	16.1	14.0	14.9	12.9	13.0
165.0	14.2	13.0	15.0	14.0	15.6	13.7	14.8	13.0	13.3
170.0	14.0	13.0	14.5	13.7	15.0	13.6	14.5	13.0	13.4
175.0	13.9	12.9	14.3	13.5	14.5	13.4	14.4	13.0	13.5
180.0	13.7	13.0	13.9	13.5	14.0	13.4	14.0	13.3	13.5

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: 81Ra 1Flickering Temp 38.3C