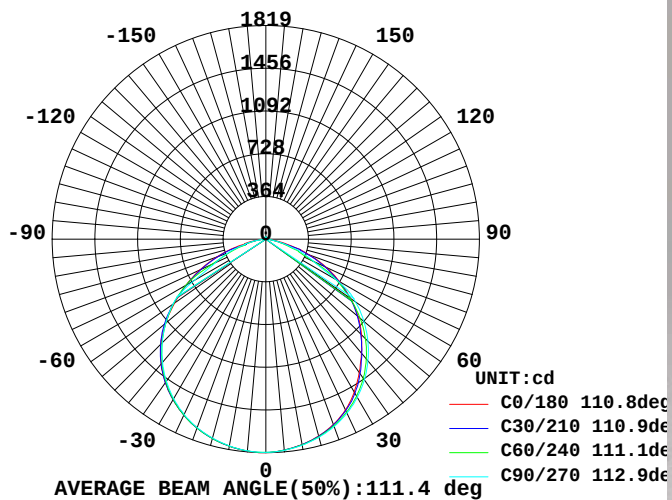


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4792	DIMENSION: 525x112x32	SERIAL No.:

MODEL:		Imax(cd):	1819	Effective Flux(lm):	4946.3
NOMINAL POWER(W):	38	MAXIMUM(C, γ):	0, 2.0	EEI	0.105
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4946.3	η street_up(%):	0.7	Current(A)	0.180
TEST FLUX(lm):	4946.3	η street_down(%):	49.3	Power(W)	38.00
LAMPS QUANTITY:	1	η house_up(%):	0.7	Power Factor	0.954
TOTAL RADIANT(mw):	4946.3	η house_down(%):	49.2	EEFICIENCY(lm/W)	130.2



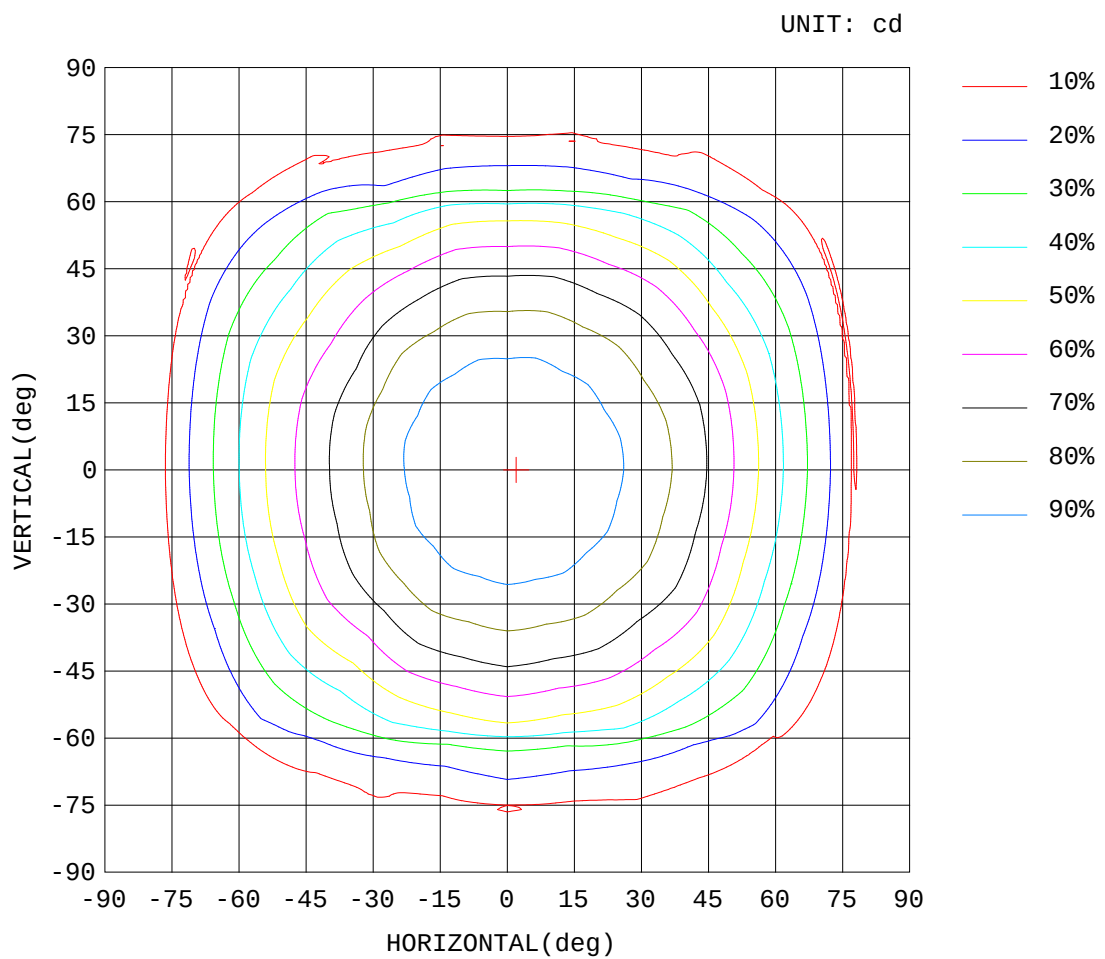
Temperature:25.3'C
Operators:
Test Date:12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 0.9Flickering Temp 38.6C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4792	DIMENSION: 525x112x32	SERIAL No.:



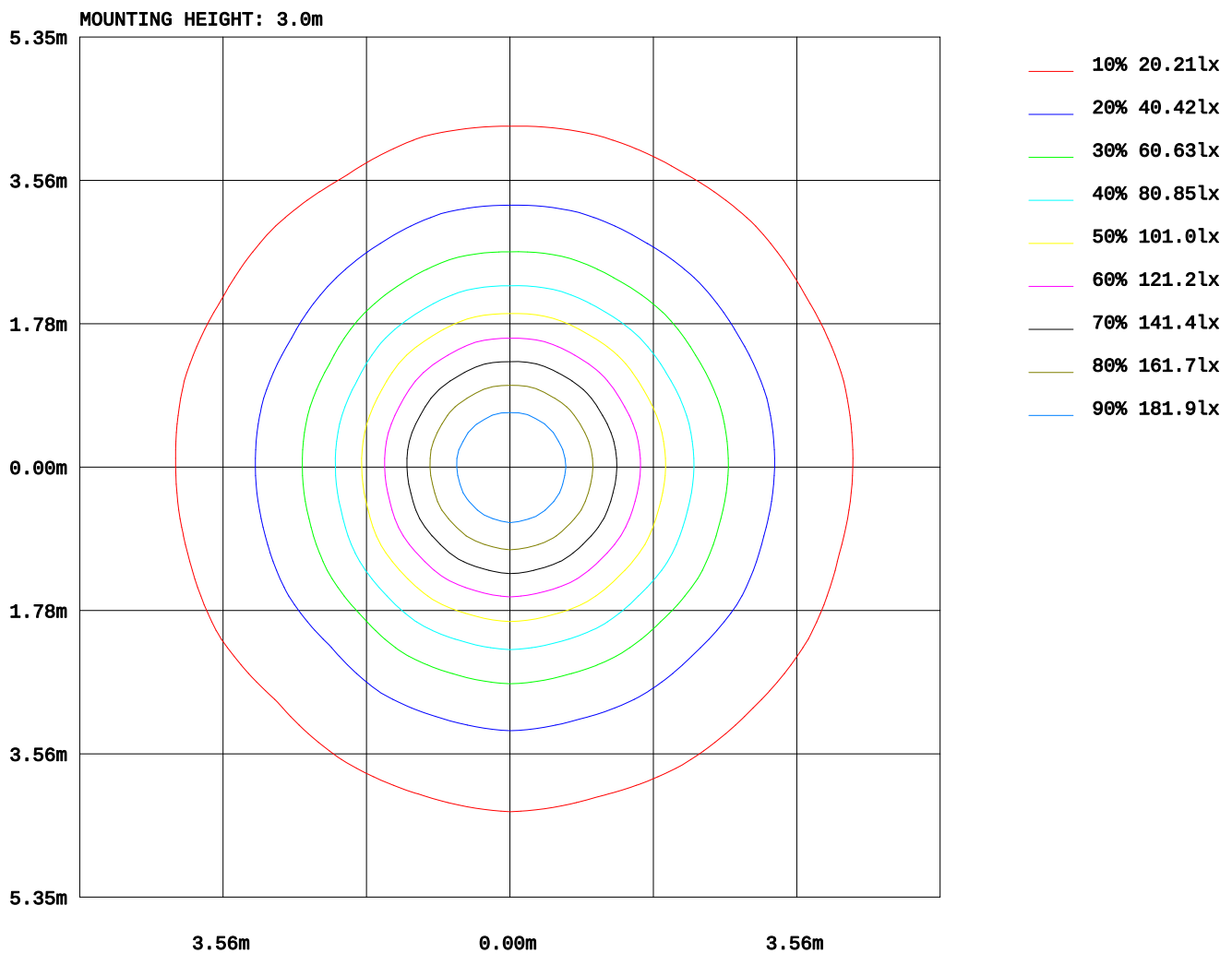
Temperature:25.3'C
Operators:
Test Date:12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 0.9Flickering Temp 38.6C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4792	DIMENSION: 525x112x32	SERIAL No.:



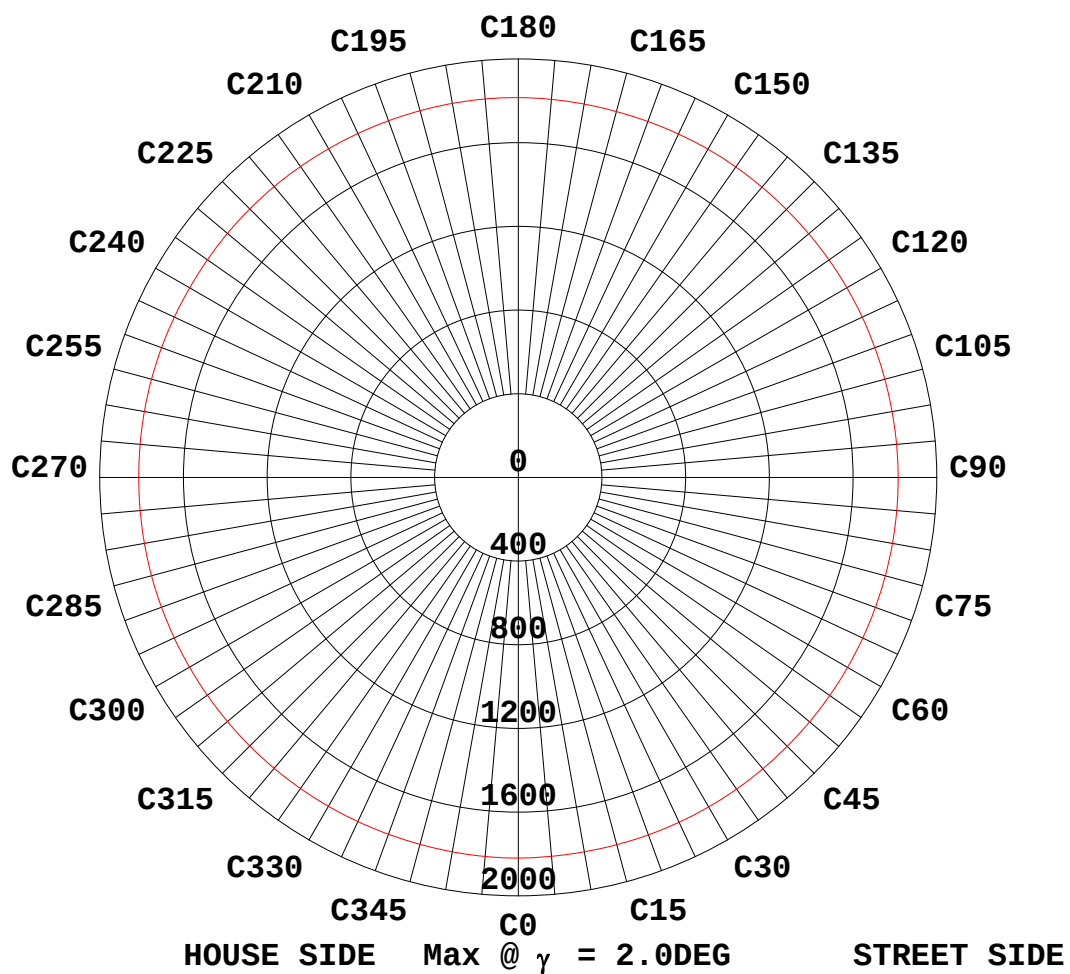
Temperature: 25.3°C
 Operators:
 Test Date: 12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 81Ra 0.9 Flickering Temp 38.6C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4792	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 0.9 Flickering Temp 38.6C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4792	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	1819	1818	1818	1817	1816	1817	1816	1815	1815	1814	1815	1815	1819	1818	1818
5.0	1812	1809	1812	1809	1811	1808	1810	1805	1806	1801	1803	1799	1803	1806	1803
10.0	1790	1786	1790	1787	1791	1786	1788	1781	1783	1776	1778	1772	1777	1781	1777
15.0	1757	1751	1757	1751	1758	1750	1754	1744	1747	1737	1740	1731	1736	1742	1738
20.0	1712	1703	1713	1704	1713	1703	1709	1695	1700	1684	1689	1673	1680	1689	1683
25.0	1653	1644	1654	1644	1653	1641	1647	1632	1637	1618	1620	1600	1604	1618	1611
30.0	1579	1568	1579	1566	1577	1561	1569	1551	1558	1533	1531	1501	1506	1519	1518
35.0	1492	1477	1493	1471	1485	1464	1478	1454	1463	1428	1422	1383	1386	1402	1399
40.0	1388	1373	1388	1362	1375	1355	1370	1344	1348	1300	1297	1266	1267	1281	1271
45.0	1263	1247	1268	1235	1250	1229	1248	1217	1216	1152	1170	1147	1153	1163	1144
50.0	1115	1096	1130	1095	1113	1086	1113	1074	1069	1000	1042	1018	1025	1043	1016
55.0	948	929	961	944	959	935	964	923	905	851	895	875	879	903	873
60.0	785	759	779	766	786	704	707	689	734	695	733	716	726	747	717
65.0	621	582	608	573	507	446	475	423	468	532	568	550	568	593	551
70.0	444	405	431	325	321	312	343	300	298	315	399	373	399	416	380
75.0	269	227	171	175	194	173	181	149	188	156	167	206	225	256	189
80.0	144	94.9	108	76.3	103	71.2	111	62.3	95.7	69.3	99.0	80.1	99.9	131	70.7
85.0	46.0	19.6	38.4	13.6	26.8	12.5	25.5	11.9	25.0	11.7	32.6	15.0	23.1	35.7	17.1
90.0	13.0	3.50	12.3	3.30	11.5	3.10	11.5	3.20	11.2	3.40	11.5	3.50	3.90	12.6	3.60
95.0	11.1	4.20	10.5	4.00	10.1	3.90	10.2	4.00	10.2	4.20	10.5	4.40	4.80	11.0	4.40
100.0	10.8	5.10	10.4	4.90	10.0	4.80	10.0	4.90	10.1	5.10	10.5	5.40	5.80	10.9	5.40
105.0	10.9	6.10	10.5	5.90	10.2	5.90	10.2	5.90	10.3	6.20	10.7	6.40	7.00	11.1	6.50
110.0	11.3	7.20	10.8	7.00	10.7	6.90	10.7	7.10	10.8	7.30	11.1	7.50	8.20	11.5	7.60
115.0	11.8	8.20	11.4	8.10	11.2	8.10	11.4	8.20	11.4	8.40	11.7	8.70	9.40	12.2	8.70
120.0	12.5	9.30	12.0	9.09	11.9	9.20	12.1	9.30	12.1	9.40	12.4	9.70	10.5	12.9	9.90
125.0	13.3	10.4	12.7	10.2	12.6	10.3	12.8	10.4	12.8	10.5	13.0	10.9	11.8	13.7	11.0
130.0	14.1	11.5	13.5	11.2	13.3	11.3	13.6	11.4	13.6	11.5	13.9	12.0	12.9	14.4	12.0
135.0	14.9	12.6	14.3	12.3	14.1	12.4	14.4	12.5	14.3	12.6	14.7	13.0	14.0	15.2	13.0
140.0	15.7	13.7	15.0	13.4	14.9	13.5	15.2	13.4	15.0	13.6	15.5	14.2	14.9	16.1	14.1
145.0	16.4	14.5	15.9	14.3	15.8	14.5	15.9	14.4	15.9	14.5	16.3	15.2	15.8	16.9	15.0
150.0	17.1	15.5	16.5	15.2	16.5	15.5	16.6	15.2	16.6	15.5	17.0	16.1	16.5	17.6	15.8
155.0	17.6	16.3	17.2	16.1	17.2	16.5	17.4	16.2	17.2	16.3	17.7	16.9	17.2	18.1	16.5
160.0	18.2	17.0	17.9	16.9	18.0	17.2	18.0	16.9	17.9	17.1	18.2	17.6	18.0	18.7	17.2
165.0	18.9	17.6	18.4	17.6	18.6	17.9	18.6	17.5	18.4	17.6	18.7	18.0	18.6	19.2	17.9
170.0	19.4	18.1	18.9	18.0	19.1	18.4	19.2	18.0	18.9	18.0	19.2	18.5	19.2	19.5	18.2
175.0	19.7	18.6	19.2	18.5	19.3	18.7	19.6	18.5	19.2	18.5	19.3	18.7	19.6	19.6	18.6
180.0	19.9	19.0	19.4	18.9	19.4	18.9	19.7	18.9	19.3	18.7	19.3	18.9	20.0	19.5	18.9

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 0.9Flickering Temp 38.6C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4792	DIMENSION: 525x112x32	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1817	1816	1817	1816	1815	1815	1814	1815	1815
5.0	1806	1804	1808	1806	1808	1807	1809	1807	1809
10.0	1783	1779	1785	1782	1794	1783	1787	1784	1788
15.0	1746	1743	1752	1747	1754	1749	1755	1750	1756
20.0	1697	1691	1705	1699	1708	1700	1710	1702	1711
25.0	1632	1626	1643	1635	1649	1638	1651	1642	1654
30.0	1547	1546	1565	1557	1573	1563	1576	1566	1581
35.0	1445	1447	1474	1463	1484	1469	1488	1474	1495
40.0	1318	1331	1364	1353	1376	1359	1380	1368	1394
45.0	1179	1201	1239	1231	1251	1236	1256	1248	1273
50.0	1041	1048	1100	1090	1112	1095	1119	1105	1130
55.0	898	873	939	931	950	937	960	936	963
60.0	740	693	733	694	740	768	780	758	794
65.0	569	438	455	447	462	492	595	583	626
70.0	342	294	310	308	321	304	353	408	445
75.0	192	151	188	173	193	164	190	201	276
80.0	102	66.5	96.4	71.5	103	72.0	108	80.0	145
85.0	29.9	12.4	25.5	13.2	26.8	13.6	33.7	21.5	42.3
90.0	11.8	3.30	11.5	3.20	11.9	3.20	12.8	3.40	14.4
95.0	10.5	4.20	10.2	4.00	10.2	4.10	10.5	4.20	11.0
100.0	10.4	5.10	10.1	5.00	10.1	5.00	10.3	5.10	10.7
105.0	10.7	6.20	10.4	6.10	10.3	6.00	10.5	6.10	10.8
110.0	11.2	7.40	10.9	7.30	10.8	7.20	11.0	7.20	11.2
115.0	11.9	8.50	11.5	8.50	11.5	8.29	11.5	8.29	11.7
120.0	12.5	9.60	12.3	9.60	12.2	9.40	12.2	9.40	12.4
125.0	13.2	10.7	13.0	10.8	12.9	10.5	12.9	10.5	13.0
130.0	14.0	11.8	13.9	11.8	13.7	11.5	13.7	11.5	13.9
135.0	14.8	12.8	14.7	12.9	14.5	12.6	14.5	12.6	14.8
140.0	15.5	13.7	15.4	13.9	15.2	13.6	15.2	13.6	15.5
145.0	16.2	14.7	16.1	14.7	16.2	14.5	16.0	14.5	16.3
150.0	17.0	15.5	16.7	15.6	17.0	15.5	16.6	15.4	16.9
155.0	17.6	16.3	17.5	16.4	17.7	16.3	17.4	16.2	17.5
160.0	18.0	17.0	18.0	17.1	18.2	17.0	18.0	16.9	18.0
165.0	18.7	17.6	18.5	17.8	18.7	17.7	18.5	17.5	18.5
170.0	19.0	18.0	19.0	18.5	19.2	18.1	18.9	18.0	19.0
175.0	19.3	18.5	19.3	18.9	19.4	18.5	19.2	18.4	19.3
180.0	19.3	18.9	19.5	19.3	19.4	18.7	19.3	18.7	19.5

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 0.9Flickering Temp 38.6C