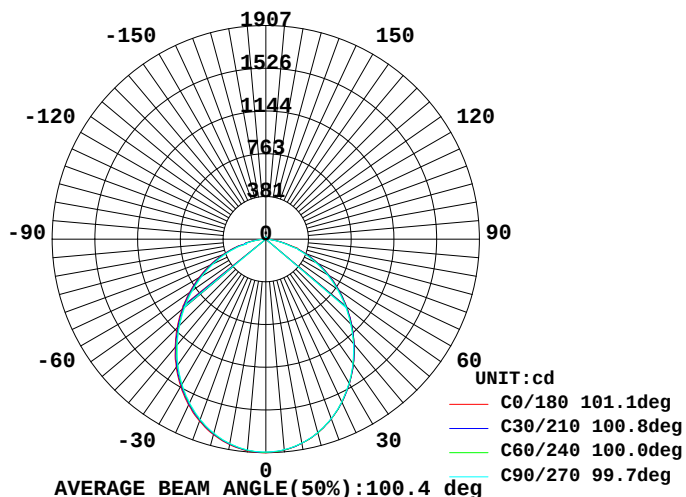


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 5000K 80Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4852	DIMENSION: 525x112	SERIAL No.:

MODEL:		Imax(cd):	1907	Effective Flux(lm):	4744.3
NOMINAL POWER(W):	40	MAXIMUM(C, γ):	0, 0.0	EEI	0.117
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4744.3	η street_up(%):	0.7	Current(A)	0.192
TEST FLUX(lm):	4744.3	η street_down(%):	49.3	Power(W)	40.82
LAMPS QUANTITY:	1	η house_up(%)	0.8	Power Factor	0.962
TOTAL RADIANT(mw):	4744.3	η house_down(%)	49.2	EEFICIENCY(lm/W)	116.2



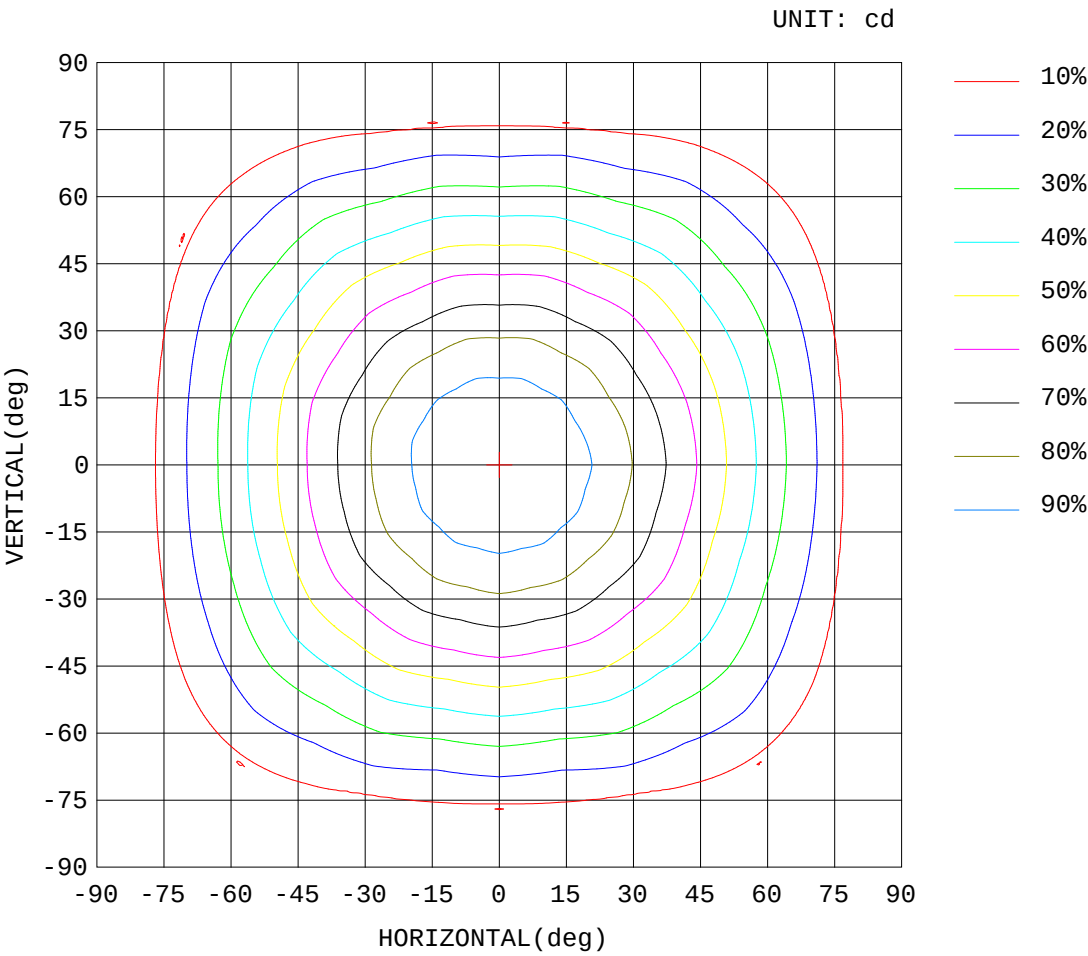
Test System:
 Temperature:25.3'C
 Operators:
 Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 84Ra 0.8% Flicker 37.8 Temp

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 5000K 80Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4852	DIMENSION: 525x112	SERIAL No.:



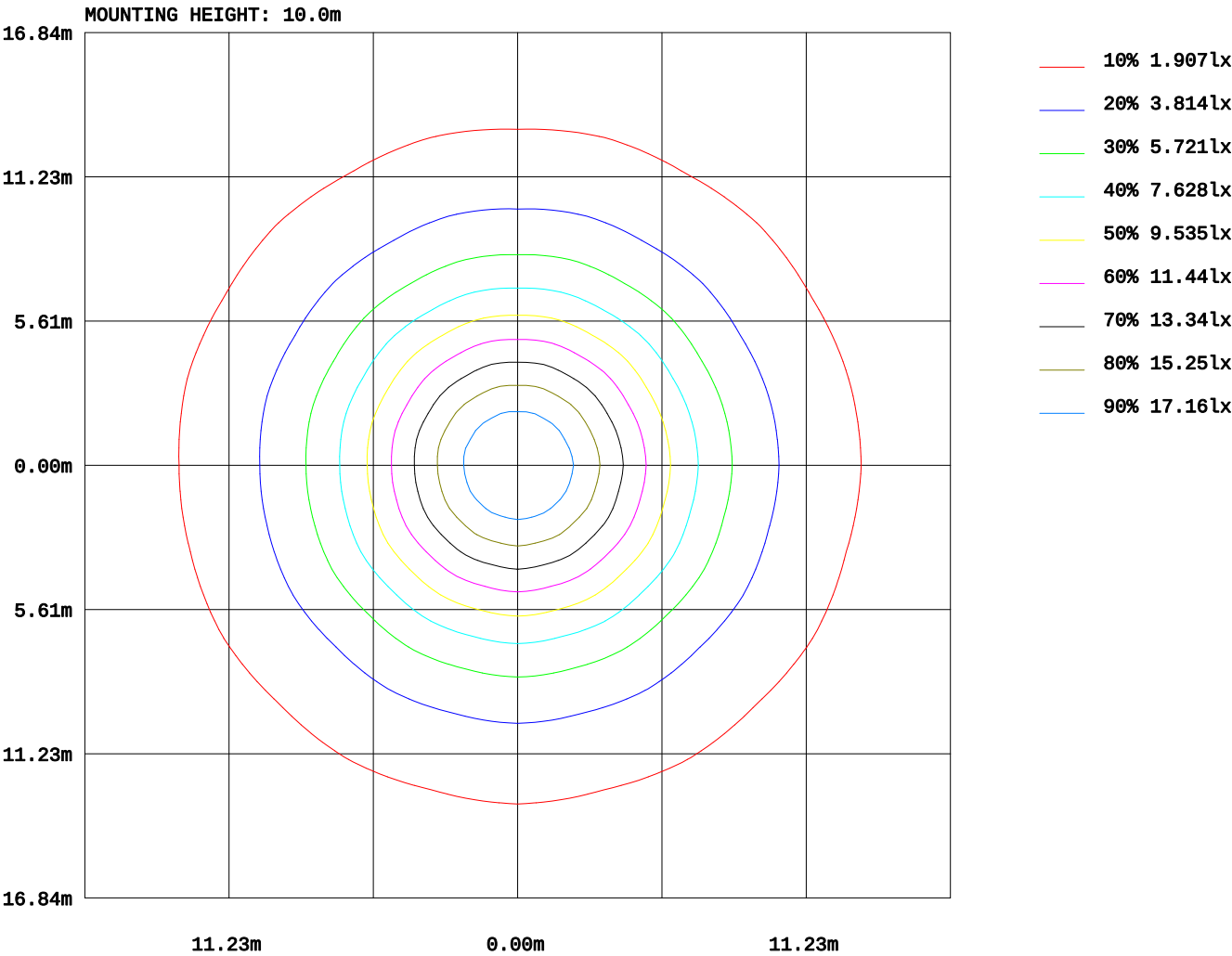
Test System:
Temperature:25.3'C
Operators:
Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 84Ra 0.8% Flicker 37.8 Temp

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 5000K 80Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4852	DIMENSION: 525x112	SERIAL No.:



Test System:
Temperature:25.3'C
Operators:
Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 84Ra 0.8% Flicker 37.8 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:															
Address:															
NAME: Element 0.5x1 Standart 5000K 80Ra Opal								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 4852				DIMENSION: 525x112				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	1907	1904	1903	1903	1902	1902	1900	1900	1900	1899	1900	1899	1907	1904	1903
5.0	1898	1892	1893	1888	1892	1887	1889	1886	1888	1885	1886	1884	1890	1893	1889
10.0	1864	1857	1858	1854	1855	1850	1853	1848	1853	1847	1853	1848	1851	1857	1850
15.0	1806	1797	1803	1792	1796	1787	1793	1784	1794	1785	1794	1787	1791	1798	1791
20.0	1730	1715	1723	1709	1718	1704	1713	1700	1714	1702	1716	1705	1708	1719	1707
25.0	1634	1616	1626	1608	1618	1601	1613	1600	1614	1603	1617	1606	1608	1620	1608
30.0	1519	1502	1511	1491	1502	1483	1497	1481	1497	1486	1502	1490	1492	1506	1492
35.0	1396	1373	1388	1362	1376	1351	1370	1350	1372	1356	1379	1361	1363	1380	1362
40.0	1261	1239	1252	1227	1238	1216	1232	1214	1236	1221	1243	1227	1229	1247	1228
45.0	1119	1097	1110	1083	1096	1070	1088	1069	1093	1078	1102	1085	1087	1107	1086
50.0	980	952	969	936	953	923	946	922	951	933	962	941	942	962	940
55.0	835	809	826	796	809	779	800	779	806	791	818	800	799	822	798
60.0	691	664	681	649	665	634	656	634	663	647	676	656	656	678	654
65.0	552	521	542	506	525	490	516	490	524	504	538	514	513	537	512
70.0	412	385	404	371	386	354	375	354	385	369	400	379	378	402	376
75.0	277	241	270	227	251	211	242	212	252	226	267	236	236	270	234
80.0	166	124	158	110	143	104	139	104	143	110	157	122	122	158	118
85.0	66.2	38.2	58.0	33.3	56.1	33.7	56.6	33.7	56.3	33.7	58.7	37.5	37.5	62.5	33.7
90.0	13.0	3.60	12.6	3.40	12.0	3.40	11.9	3.40	12.0	3.50	12.7	3.60	4.00	12.7	3.60
95.0	10.9	4.30	10.7	4.20	10.5	4.10	10.4	4.10	10.4	4.20	10.7	4.30	4.70	10.9	4.30
100.0	10.5	5.20	10.4	5.00	10.2	5.00	10.1	4.90	10.2	5.10	10.4	5.20	5.70	10.5	5.20
105.0	10.7	6.10	10.4	5.90	10.3	5.90	10.2	5.90	10.3	5.90	10.5	6.10	6.70	10.7	6.20
110.0	11.0	7.10	10.7	6.90	10.5	6.90	10.5	6.90	10.5	7.00	10.8	7.10	7.80	11.1	7.20
115.0	11.5	8.10	11.2	7.90	11.1	8.00	11.1	7.90	11.1	8.00	11.3	8.20	8.90	11.5	8.20
120.0	12.2	9.20	11.8	9.00	11.7	9.00	11.8	8.90	11.7	9.00	11.9	9.30	10.1	12.3	9.30
125.0	12.9	10.3	12.5	10.1	12.4	10.1	12.5	10.1	12.4	10.1	12.6	10.4	11.3	13.0	10.4
130.0	13.7	11.4	13.3	11.1	13.2	11.2	13.3	11.2	13.2	11.1	13.4	11.5	12.4	13.9	11.5
135.0	14.5	12.5	14.1	12.2	14.0	12.4	14.2	12.2	14.0	12.2	14.2	12.7	13.5	14.8	12.6
140.0	15.4	13.6	14.9	13.2	14.8	13.4	15.0	13.2	14.8	13.3	15.0	13.7	14.5	15.6	13.7
145.0	16.2	14.5	15.7	14.2	15.7	14.4	15.7	14.2	15.5	14.3	15.9	14.8	15.5	16.5	14.7
150.0	17.0	15.5	16.5	15.2	16.5	15.4	16.5	15.2	16.4	15.2	16.6	15.8	16.4	17.2	15.7
155.0	17.6	16.4	17.2	16.1	17.2	16.4	17.2	16.0	17.1	16.1	17.5	16.6	17.2	18.0	16.5
160.0	18.2	17.2	17.9	17.0	18.0	17.2	17.9	16.7	17.8	17.0	18.1	17.5	18.0	18.7	17.4
165.0	19.0	17.8	18.6	17.8	18.7	18.0	18.7	17.6	18.4	17.7	18.7	18.1	18.7	19.2	18.0
170.0	19.5	18.4	19.1	18.4	19.3	18.6	19.4	18.2	19.0	18.2	19.3	18.7	19.5	19.6	18.5
175.0	20.0	18.9	19.5	18.7	19.6	19.0	19.9	18.7	19.4	18.7	19.5	19.0	19.7	19.7	18.9
180.0	20.1	19.3	19.6	19.1	19.6	19.2	20.1	19.2	19.6	19.0	19.6	19.2	20.2	19.6	19.1

Test System:
Temperature:25.3'C
Operators:
Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 84Ra 0.8% Flicker 37.8 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 5000K 80Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4852	DIMENSION: 525x112	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1903	1902	1902	1900	1900	1900	1899	1900	1899
5.0	1891	1887	1891	1885	1888	1886	1889	1885	1889
10.0	1856	1849	1855	1849	1854	1847	1854	1849	1855
15.0	1797	1791	1797	1788	1795	1787	1796	1789	1797
20.0	1715	1706	1715	1704	1714	1705	1716	1706	1718
25.0	1619	1607	1617	1605	1615	1605	1618	1608	1622
30.0	1504	1489	1500	1487	1500	1486	1504	1492	1508
35.0	1378	1359	1371	1353	1371	1356	1376	1363	1382
40.0	1243	1221	1236	1218	1237	1221	1243	1229	1251
45.0	1100	1076	1093	1072	1092	1077	1101	1087	1110
50.0	958	931	947	925	947	930	957	942	966
55.0	815	788	804	781	804	786	815	800	826
60.0	672	642	660	633	658	641	671	656	682
65.0	530	499	516	488	516	498	530	513	541
70.0	395	363	379	352	379	361	394	378	406
75.0	260	219	246	211	245	218	260	235	272
80.0	148	107	139	105	138	106	147	117	159
85.0	56.4	34.0	57.2	34.5	57.0	33.3	55.8	33.3	63.0
90.0	12.3	3.50	12.1	3.40	12.1	3.40	12.2	3.50	12.7
95.0	10.5	4.20	10.4	4.10	10.4	4.20	10.5	4.30	10.8
100.0	10.3	5.00	10.2	5.00	10.2	5.00	10.3	5.10	10.5
105.0	10.5	6.00	10.3	5.90	10.3	6.00	10.4	6.10	10.5
110.0	10.8	7.00	10.5	7.00	10.5	7.00	10.7	7.10	11.0
115.0	11.3	8.00	11.1	8.00	11.2	8.00	11.3	8.10	11.5
120.0	12.0	9.09	11.8	9.20	11.8	9.09	11.9	9.20	12.1
125.0	12.7	10.2	12.5	10.3	12.5	10.2	12.6	10.3	12.9
130.0	13.4	11.3	13.4	11.4	13.3	11.3	13.3	11.4	13.7
135.0	14.2	12.3	14.2	12.5	14.2	12.3	14.1	12.4	14.5
140.0	15.0	13.4	15.0	13.5	15.0	13.3	14.9	13.5	15.4
145.0	15.8	14.3	15.8	14.5	15.8	14.3	15.7	14.5	16.2
150.0	16.5	15.2	16.5	15.4	16.6	15.2	16.5	15.4	16.9
155.0	17.4	16.2	17.2	16.2	17.5	16.2	17.2	16.3	17.6
160.0	18.0	17.0	17.9	17.1	18.1	17.1	18.0	17.0	18.1
165.0	18.7	17.7	18.5	17.9	18.9	17.8	18.6	17.7	18.7
170.0	19.1	18.4	19.0	18.7	19.4	18.5	19.1	18.2	19.2
175.0	19.5	18.7	19.5	19.2	19.6	18.7	19.5	18.7	19.5
180.0	19.6	19.1	19.6	19.6	19.6	19.1	19.5	19.1	19.6

Test System:
Temperature:25.3'C
Operators:
Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 84Ra 0.8% Flicker 37.8 Temp