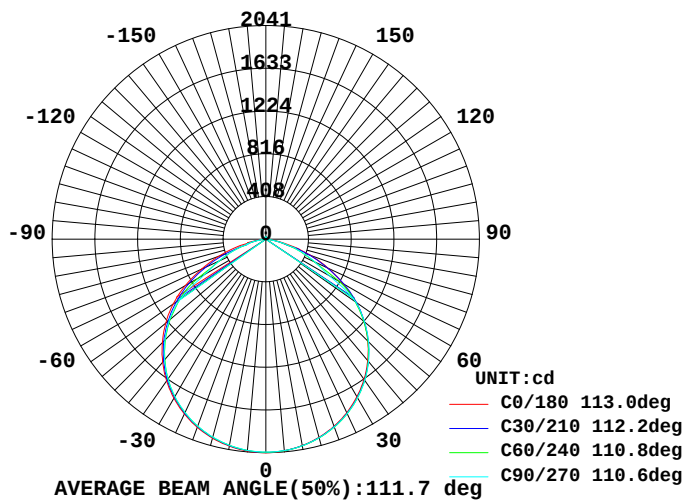


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2971	DIMENSION: 525x112	SERIAL No.:

MODEL:		Imax(cd):	2041	Effective Flux(lm):	5530.2
NOMINAL POWER(W):	40	MAXIMUM(C, γ):	0, 0.0	EEI	0.101
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	5530.2	η street_up(%):	0.7	Current(A)	0.192
TEST FLUX(lm):	5530.2	η street_down(%):	48.5	Power(W)	40.82
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.962
TOTAL RADIANT(mw):	5530.2	η house_down(%)	50.0	EEFICIENCY(lm/W)	135.5



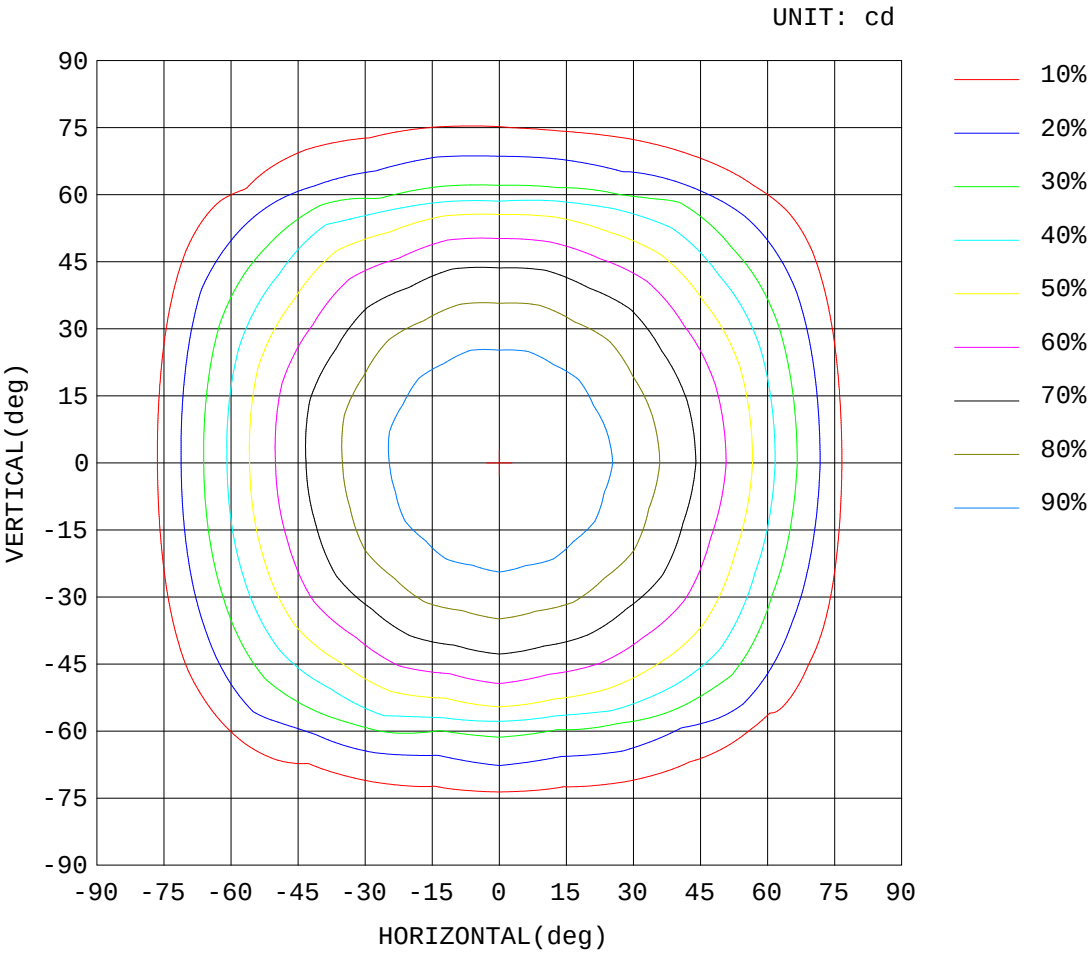
Test System:
 Temperature:25.3'C
 Operators:
 Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 81Ra 0.8% Flicker 38 Temp

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2971	DIMENSION: 525x112	SERIAL No.:



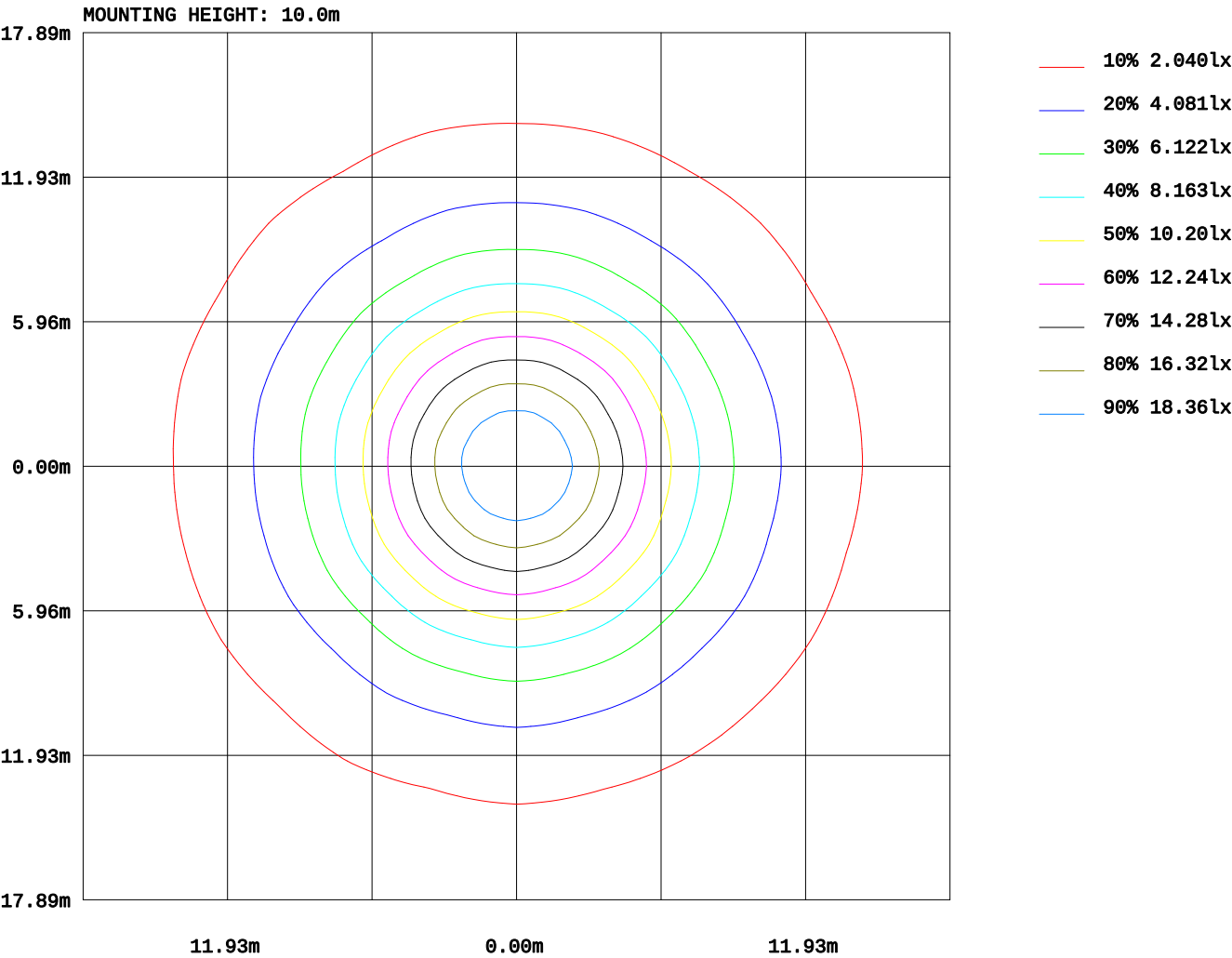
Test System:
Temperature:25.3'C
Operators:
Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 0.8% Flicker 38 Temp

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2971	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: 81Ra 0.8% Flicker 38 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:															
Address:															
NAME: Element 0.5x1 Standart 3000K 80Ra TP								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 2971				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	2041	2039	2037	2036	2036	2035	2034	2036	2033	2033	2032	2031	2041	2039	2037
5.0	2032	2027	2029	2024	2026	2022	2026	2022	2022	2022	2024	2022	2030	2031	2028
10.0	2009	2000	2004	1997	2000	1995	2000	1995	1999	1993	2000	1994	2002	2007	2004
15.0	1969	1958	1962	1953	1960	1951	1958	1949	1957	1951	1958	1952	1961	1968	1964
20.0	1913	1899	1907	1894	1903	1891	1902	1891	1902	1892	1902	1895	1903	1914	1907
25.0	1843	1827	1835	1821	1830	1817	1828	1816	1828	1820	1830	1822	1830	1844	1837
30.0	1755	1736	1746	1728	1739	1722	1737	1719	1737	1726	1743	1731	1739	1757	1748
35.0	1654	1628	1643	1615	1631	1610	1631	1607	1631	1616	1640	1625	1634	1655	1644
40.0	1534	1508	1520	1491	1503	1484	1506	1480	1507	1493	1520	1507	1515	1540	1526
45.0	1398	1366	1378	1347	1356	1336	1363	1328	1365	1348	1380	1369	1379	1405	1386
50.0	1249	1207	1221	1187	1194	1157	1205	1159	1210	1183	1227	1216	1226	1253	1229
55.0	1081	1035	1044	1013	1004	970	998	967	1024	1005	1051	1045	1054	1088	1059
60.0	886	837	850	809	752	635	669	659	829	808	853	845	852	883	864
65.0	679	616	631	522	486	451	493	441	518	593	654	643	654	680	646
70.0	478	420	410	314	334	299	335	297	345	322	454	447	459	485	444
75.0	286	218	187	159	191	155	189	154	190	164	253	239	252	293	196
80.0	142	65.8	95.2	58.4	87.1	38.0	81.3	45.2	95.3	63.7	104	91.6	105	134	85.5
85.0	37.5	13.0	24.7	9.09	22.1	11.9	23.6	11.1	22.3	9.30	32.3	14.5	19.3	38.2	15.4
90.0	12.9	3.90	12.0	3.60	11.5	3.50	11.4	3.50	11.8	3.70	12.6	3.90	4.20	13.7	3.70
95.0	11.8	4.80	11.2	4.50	10.7	4.40	10.5	4.40	10.9	4.60	11.4	4.80	5.20	11.8	4.60
100.0	11.5	5.80	11.1	5.60	10.7	5.40	10.5	5.50	10.8	5.70	11.3	5.90	6.40	11.5	5.70
105.0	11.9	7.00	11.4	6.80	11.0	6.60	10.9	6.70	11.2	6.90	11.5	7.10	7.70	11.9	6.90
110.0	12.4	8.29	12.0	8.00	11.5	7.90	11.5	7.90	11.8	8.20	12.2	8.40	9.09	12.5	8.20
115.0	13.0	9.50	12.6	9.30	12.4	9.20	12.4	9.30	12.5	9.40	12.9	9.70	10.5	13.2	9.50
120.0	14.0	10.8	13.4	10.5	13.2	10.5	13.3	10.5	13.4	10.7	13.7	11.1	11.9	14.0	10.8
125.0	14.9	12.1	14.3	11.7	14.1	11.8	14.2	11.8	14.2	12.0	14.5	12.5	13.3	15.0	12.1
130.0	16.0	13.3	15.2	13.0	15.0	13.0	15.0	13.0	15.2	13.2	15.6	13.7	14.5	16.0	13.3
135.0	16.9	14.7	16.3	14.2	16.0	14.3	16.1	14.2	16.1	14.5	16.6	15.2	16.0	17.0	14.7
140.0	17.9	15.9	17.2	15.5	17.0	15.5	17.1	15.4	17.1	15.7	17.7	16.4	17.2	18.0	15.9
145.0	18.7	17.0	18.1	16.6	18.0	16.7	18.0	16.5	18.0	16.9	18.7	17.5	18.1	19.1	17.1
150.0	19.6	18.0	19.2	17.8	19.1	18.0	19.0	17.7	18.9	17.9	19.6	18.5	19.2	20.0	18.0
155.0	20.2	18.9	19.9	18.7	19.9	19.1	19.7	18.6	19.6	18.7	20.2	19.6	20.2	20.7	19.1
160.0	20.9	19.6	20.6	19.6	20.8	20.0	20.5	19.4	20.5	19.6	21.0	20.2	21.0	21.4	19.9
165.0	21.5	20.4	21.2	20.4	21.4	20.7	21.1	20.2	21.1	20.4	21.6	21.0	21.6	21.9	20.6
170.0	22.1	21.0	21.6	21.0	21.9	21.2	21.7	20.8	21.6	20.9	22.0	21.4	22.2	22.2	21.1
175.0	22.5	21.4	22.1	21.2	22.2	21.6	22.3	21.2	22.0	21.2	22.2	21.6	22.5	22.4	21.4
180.0	22.7	21.7	22.2	21.6	22.2	21.7	22.6	21.6	22.1	21.6	22.2	21.7	22.7	22.3	21.6

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: 81Ra 0.8% Flicker 38 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2971	DIMENSION: 525x112	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2036	2036	2035	2034	2036	2033	2033	2032	2031
5.0	2031	2029	2030	2028	2029	2026	2027	2022	2024
10.0	2009	2005	2010	2005	2010	2003	2006	1997	2001
15.0	1972	1966	1973	1965	1969	1962	1968	1959	1961
20.0	1919	1911	1919	1910	1917	1906	1913	1900	1906
25.0	1851	1841	1852	1840	1848	1836	1845	1830	1837
30.0	1765	1752	1766	1752	1762	1746	1759	1740	1750
35.0	1662	1645	1664	1646	1660	1639	1655	1635	1645
40.0	1545	1524	1547	1528	1539	1519	1536	1516	1530
45.0	1409	1381	1409	1388	1400	1378	1397	1376	1394
50.0	1257	1220	1250	1229	1236	1217	1239	1217	1243
55.0	1093	1044	1075	1049	1059	1043	1068	1045	1080
60.0	906	815	748	704	767	842	877	853	889
65.0	666	508	532	517	514	516	677	645	674
70.0	384	357	382	366	367	353	387	442	477
75.0	238	201	238	209	180	198	180	211	281
80.0	126	84.6	123	75.5	117	83.8	117	75.0	135
85.0	29.6	13.0	26.9	13.9	26.1	12.1	28.9	15.4	33.8
90.0	14.0	3.50	13.5	3.30	12.9	3.40	12.8	3.70	12.8
95.0	11.2	4.20	10.8	4.00	10.8	4.20	11.1	4.60	11.5
100.0	11.0	5.20	10.5	5.00	10.5	5.30	11.0	5.70	11.5
105.0	11.3	6.50	10.8	6.20	10.8	6.50	11.3	6.80	11.8
110.0	11.9	7.80	11.4	7.50	11.4	7.70	11.8	8.10	12.3
115.0	12.6	9.09	12.2	8.90	12.2	9.00	12.5	9.40	13.0
120.0	13.4	10.4	13.0	10.3	13.0	10.3	13.3	10.7	13.9
125.0	14.3	11.5	14.0	11.5	13.9	11.5	14.2	11.9	14.8
130.0	15.2	13.0	15.0	12.8	14.8	12.7	15.0	13.2	15.8
135.0	16.3	14.2	15.9	14.0	15.8	14.1	16.1	14.5	16.7
140.0	17.2	15.4	16.9	15.2	16.9	15.2	17.1	15.7	17.8
145.0	18.1	16.5	17.8	16.4	17.9	16.4	18.0	16.9	18.7
150.0	19.1	17.6	18.7	17.5	18.9	17.6	19.0	17.9	19.5
155.0	19.9	18.6	19.6	18.7	19.7	18.6	19.7	18.7	20.2
160.0	20.6	19.5	20.4	19.6	20.7	19.5	20.5	19.6	20.8
165.0	21.2	20.2	21.1	20.5	21.2	20.2	21.1	20.2	21.4
170.0	21.7	20.9	21.6	21.2	21.9	20.9	21.6	20.8	21.7
175.0	22.1	21.2	22.1	21.7	22.2	21.2	22.0	21.1	22.1
180.0	22.2	21.6	22.3	22.1	22.2	21.6	22.2	21.6	22.3

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: 81Ra 0.8% Flicker 38 Temp