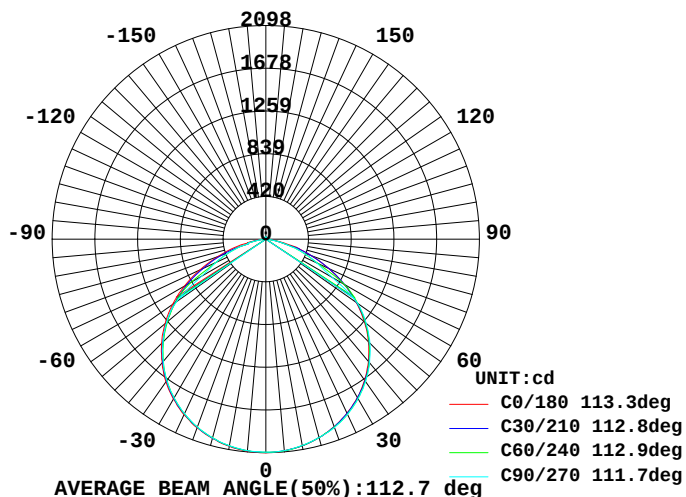


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4886	DIMENSION: 525x112	SERIAL No.:

MODEL:		Imax(cd):	2098	Effective Flux(lm):	5769.6
NOMINAL POWER(W):	40	MAXIMUM(C, γ):	0, 0.0	EEI	0.097
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	5769.6	η street_up(%):	0.7	Current(A)	0.192
TEST FLUX(lm):	5769.6	η street_down(%):	48.8	Power(W)	40.93
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.963
TOTAL RADIANT(mw):	5769.6	η house_down(%)	49.8	EEFICIENCY(lm/W)	141.0



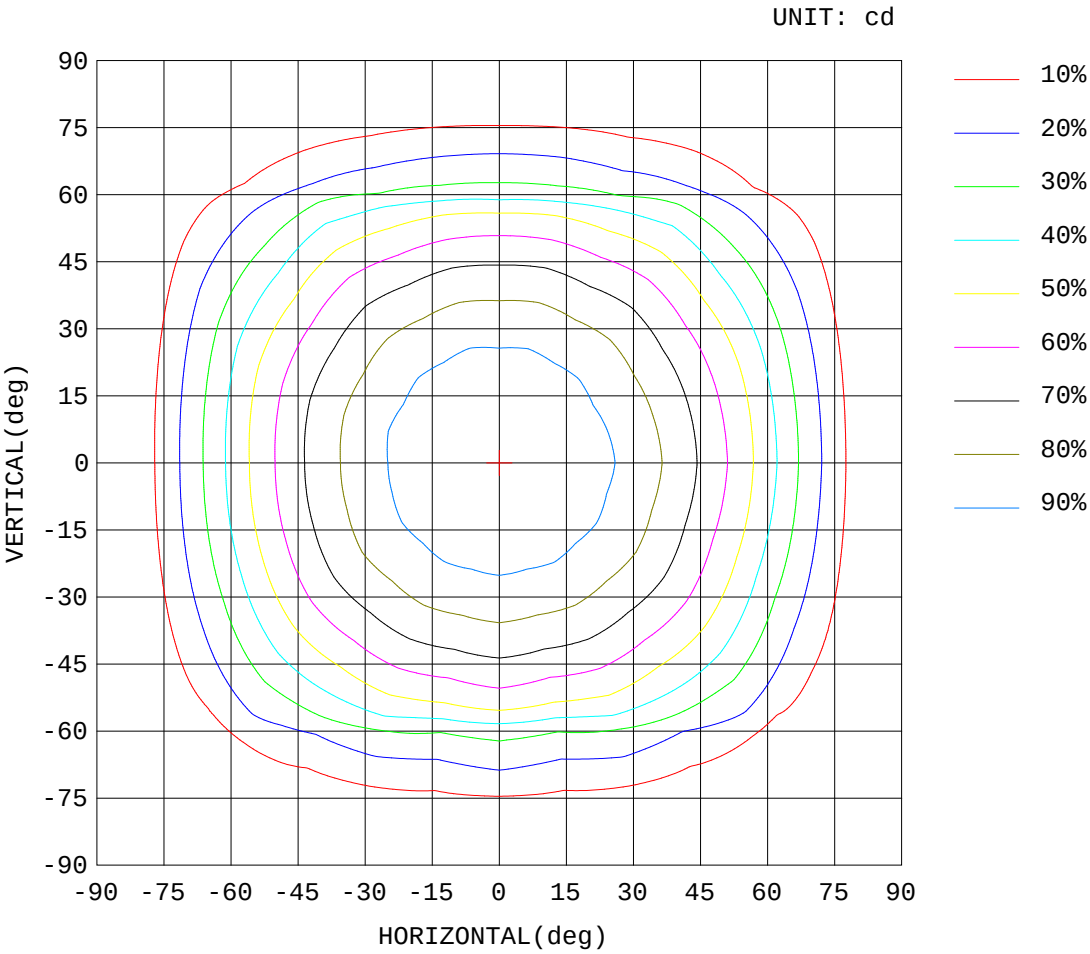
Test System:
 Temperature:25.3'C
 Operators:
 Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:10.000 m
 Remarks: 82Ra 0.9% Flicker 36 Temp

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4886	DIMENSION: 525x112	SERIAL No.:



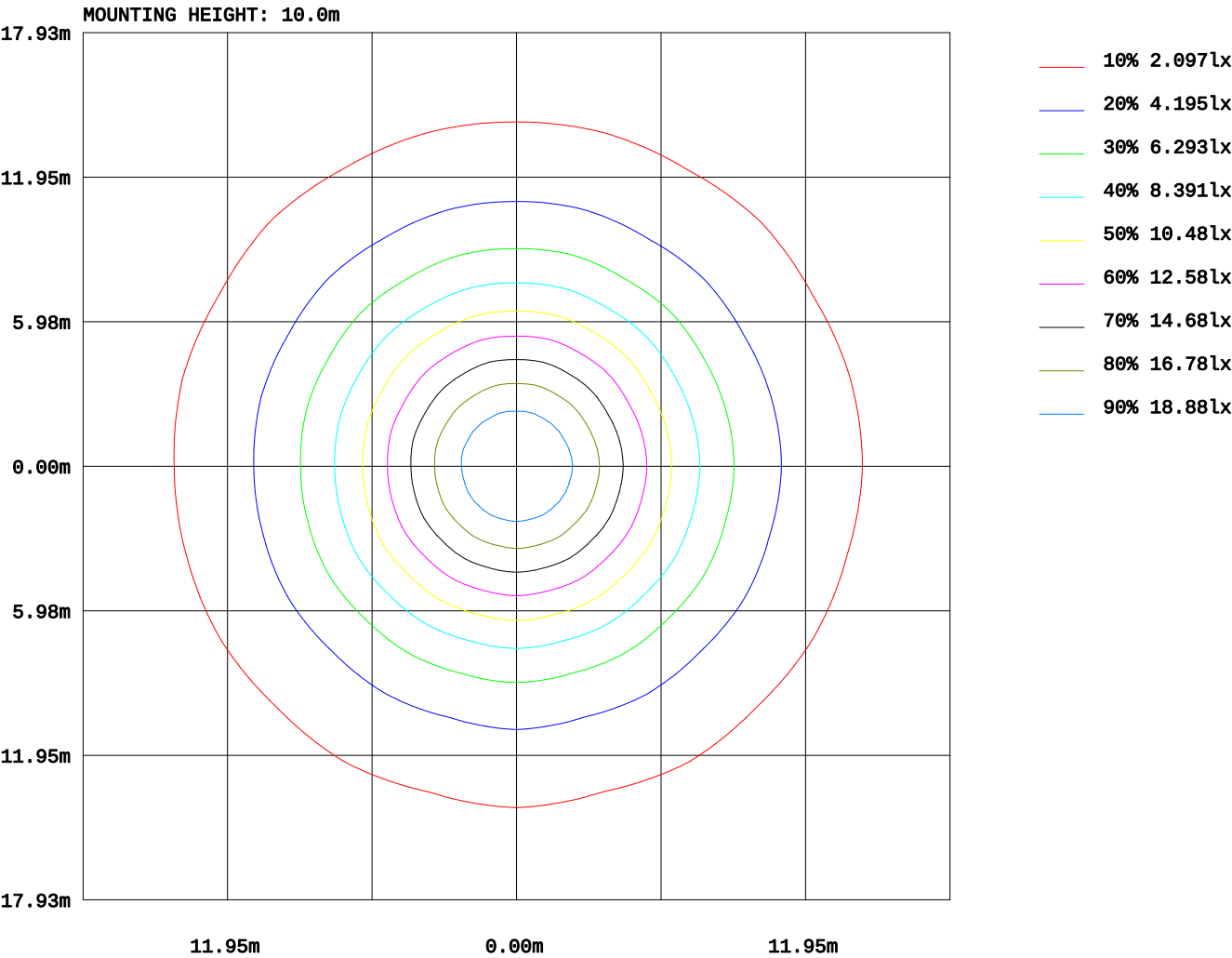
Test System:
Temperature:25.3'C
Operators:
Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra 0.9% Flicker 36 Temp

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4886	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: 82Ra 0.9% Flicker 36 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:															
Address:															
NAME: Element 0.5x1 Standart 4000K 80Ra TP								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 4886				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	2098	2094	2094	2093	2093	2092	2092	2090	2090	2089	2089	2090	2098	2094	2094
5.0	2089	2086	2086	2085	2085	2084	2085	2082	2083	2081	2080	2079	2086	2089	2086
10.0	2066	2060	2063	2056	2062	2055	2061	2056	2060	2055	2059	2053	2062	2065	2061
15.0	2026	2021	2025	2015	2020	2014	2022	2014	2021	2014	2021	2014	2018	2027	2017
20.0	1971	1961	1967	1957	1965	1955	1964	1955	1964	1956	1967	1958	1960	1972	1962
25.0	1902	1887	1895	1882	1892	1879	1891	1880	1890	1881	1893	1885	1887	1899	1887
30.0	1816	1801	1808	1791	1803	1788	1802	1788	1802	1791	1807	1796	1797	1813	1798
35.0	1710	1691	1700	1681	1693	1677	1695	1678	1692	1680	1701	1688	1691	1705	1697
40.0	1583	1564	1576	1551	1566	1543	1569	1545	1565	1553	1576	1564	1568	1583	1575
45.0	1447	1422	1435	1409	1423	1395	1431	1398	1423	1411	1438	1425	1424	1448	1433
50.0	1292	1260	1269	1242	1261	1224	1273	1230	1260	1245	1272	1261	1264	1287	1274
55.0	1117	1082	1089	1060	1083	1023	1069	1031	1080	1060	1089	1079	1084	1112	1091
60.0	925	884	897	866	848	685	733	698	859	868	896	885	887	922	894
65.0	715	665	680	611	538	482	540	483	541	634	689	670	683	712	684
70.0	502	457	470	335	380	328	382	328	374	344	480	466	474	509	477
75.0	319	256	176	183	179	179	178	181	180	192	248	310	310	318	223
80.0	158	100	114	76.4	109	53.2	98.0	57.5	114	82.5	122	112	118	163	98.5
85.0	53.7	22.7	38.4	16.2	29.6	17.5	30.5	17.6	30.3	16.7	43.0	24.7	29.9	47.4	25.0
90.0	13.9	4.20	12.7	4.00	11.9	3.80	11.8	3.80	12.2	3.90	13.7	4.20	4.50	15.4	4.20
95.0	11.9	5.20	11.4	5.00	10.9	4.70	10.7	4.70	10.9	4.90	11.4	5.10	5.60	11.9	5.10
100.0	11.9	6.40	11.4	6.10	11.0	5.90	10.8	5.80	11.0	6.00	11.4	6.20	6.80	11.8	6.20
105.0	12.3	7.60	11.8	7.40	11.5	7.10	11.2	7.10	11.4	7.30	11.8	7.40	8.20	12.2	7.50
110.0	12.9	8.90	12.5	8.60	12.1	8.50	12.0	8.40	12.1	8.60	12.4	8.70	9.50	12.8	8.80
115.0	13.7	10.2	13.2	9.90	13.0	9.80	12.8	9.70	12.9	9.80	13.0	10.1	10.9	13.7	10.1
120.0	14.5	11.5	14.0	11.1	13.7	11.1	13.7	11.0	13.7	11.0	14.0	11.4	12.4	14.5	11.4
125.0	15.5	12.8	14.9	12.3	14.7	12.4	14.8	12.3	14.5	12.3	14.8	12.7	13.7	15.5	12.6
130.0	16.5	14.0	15.8	13.5	15.6	13.6	15.7	13.5	15.5	13.5	15.8	14.0	15.0	16.4	13.9
135.0	17.4	15.2	16.6	14.7	16.5	14.8	16.5	14.7	16.4	14.7	16.7	15.2	16.2	17.4	15.0
140.0	18.2	16.4	17.6	15.8	17.4	16.0	17.5	15.8	17.2	15.8	17.7	16.4	17.2	18.4	16.3
145.0	19.1	17.2	18.5	17.0	18.2	17.1	18.2	16.7	18.0	16.9	18.6	17.5	18.2	19.3	17.4
150.0	19.7	18.2	19.3	18.0	19.3	18.1	19.2	17.8	19.0	17.9	19.4	18.5	19.1	20.1	18.2
155.0	20.5	19.1	20.1	18.9	20.1	19.2	19.9	18.7	19.7	18.7	20.2	19.4	19.9	20.8	19.1
160.0	21.0	19.7	20.7	19.6	20.8	20.0	20.6	19.5	20.4	19.6	20.8	20.1	20.7	21.4	19.9
165.0	21.6	20.4	21.2	20.4	21.4	20.7	21.4	20.2	21.1	20.2	21.4	20.8	21.4	21.9	20.5
170.0	22.2	21.0	21.6	20.9	21.9	21.1	22.0	20.8	21.6	20.9	21.7	21.1	22.0	22.2	21.0
175.0	22.6	21.4	22.0	21.2	22.1	21.5	22.5	21.2	21.9	21.1	22.1	21.4	22.4	22.3	21.2
180.0	22.7	21.7	22.1	21.6	22.1	21.6	22.7	21.6	22.1	21.6	22.1	21.6	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: 82Ra 0.9% Flicker 36 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4886	DIMENSION: 525x112	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2093	2093	2092	2092	2090	2090	2089	2089	2090
5.0	2088	2087	2087	2085	2087	2083	2084	2081	2082
10.0	2064	2060	2062	2058	2062	2057	2060	2055	2058
15.0	2026	2018	2028	2018	2023	2013	2020	2012	2018
20.0	1970	1965	1977	1969	1975	1962	1966	1954	1963
25.0	1903	1897	1909	1899	1907	1894	1897	1880	1891
30.0	1822	1809	1824	1811	1822	1804	1815	1789	1803
35.0	1717	1704	1721	1709	1719	1698	1710	1689	1696
40.0	1599	1579	1600	1586	1596	1572	1589	1565	1573
45.0	1463	1434	1458	1445	1457	1426	1451	1421	1436
50.0	1303	1277	1295	1288	1292	1263	1290	1260	1279
55.0	1130	1100	1110	1100	1105	1081	1113	1078	1108
60.0	939	886	802	753	788	857	922	882	916
65.0	719	564	548	552	545	537	695	677	704
70.0	410	386	390	391	388	368	396	465	496
75.0	252	218	248	221	244	210	243	207	305
80.0	135	98.0	128	85.7	123	90.5	127	91.0	154
85.0	37.7	18.7	32.6	19.4	32.2	18.0	33.7	20.7	43.5
90.0	14.8	3.80	14.7	3.70	13.7	3.70	13.3	4.00	13.7
95.0	11.2	4.70	10.8	4.50	10.7	4.70	11.2	5.00	11.7
100.0	11.2	5.80	10.8	5.60	10.8	5.80	11.2	6.20	11.7
105.0	11.7	7.10	11.2	6.90	11.2	7.10	11.5	7.50	12.1
110.0	12.3	8.40	11.9	8.20	11.9	8.40	12.3	8.80	12.8
115.0	13.0	9.70	12.8	9.60	12.7	9.70	13.0	10.0	13.6
120.0	13.9	11.0	13.7	11.0	13.7	11.0	13.9	11.3	14.4
125.0	14.8	12.2	14.5	12.3	14.5	12.2	14.8	12.5	15.2
130.0	15.7	13.5	15.5	13.6	15.5	13.4	15.7	13.7	16.3
135.0	16.5	14.7	16.5	14.8	16.4	14.5	16.5	15.0	17.2
140.0	17.5	15.7	17.2	15.8	17.4	15.7	17.5	16.1	18.0
145.0	18.4	16.7	18.1	16.9	18.2	16.7	18.4	17.1	19.0
150.0	19.2	17.8	19.0	17.9	19.2	17.9	19.2	18.0	19.6
155.0	20.0	18.7	19.7	18.7	20.1	18.7	19.9	18.9	20.2
160.0	20.7	19.5	20.5	19.6	20.9	19.6	20.6	19.6	20.9
165.0	21.1	20.2	21.1	20.4	21.4	20.2	21.1	20.2	21.2
170.0	21.6	20.8	21.6	21.1	21.9	20.9	21.6	20.8	21.6
175.0	22.0	21.2	22.0	21.6	22.2	21.2	22.0	21.1	22.1
180.0	22.1	21.6	22.2	22.1	22.2	21.6	22.1	21.6	22.2

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: 82Ra 0.9% Flicker 36 Temp