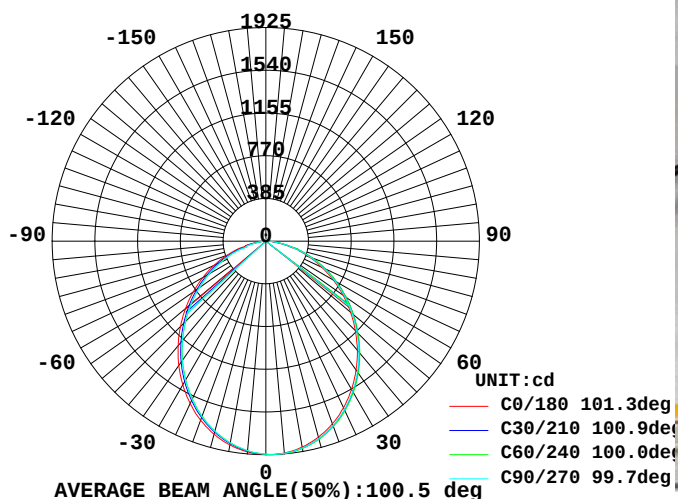


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4074	DIMENSION: 525x112	SERIAL No.:

MODEL:		Imax(cd):	1925	Effective Flux(lm):	4801.4
NOMINAL POWER(W):	40	MAXIMUM(C, γ):	225, 3.0	EEI	0.116
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4801.4	η street_up(%):	0.8	Current(A)	0.192
TEST FLUX(lm):	4801.4	η street_down(%):	46.5	Power(W)	40.83
LAMPS QUANTITY:	1	η house_up(%)	0.8	Power Factor	0.962
TOTAL RADIANT(mw):	4801.4	η house_down(%)	52.0	EEFICIENCY(lm/W)	117.6



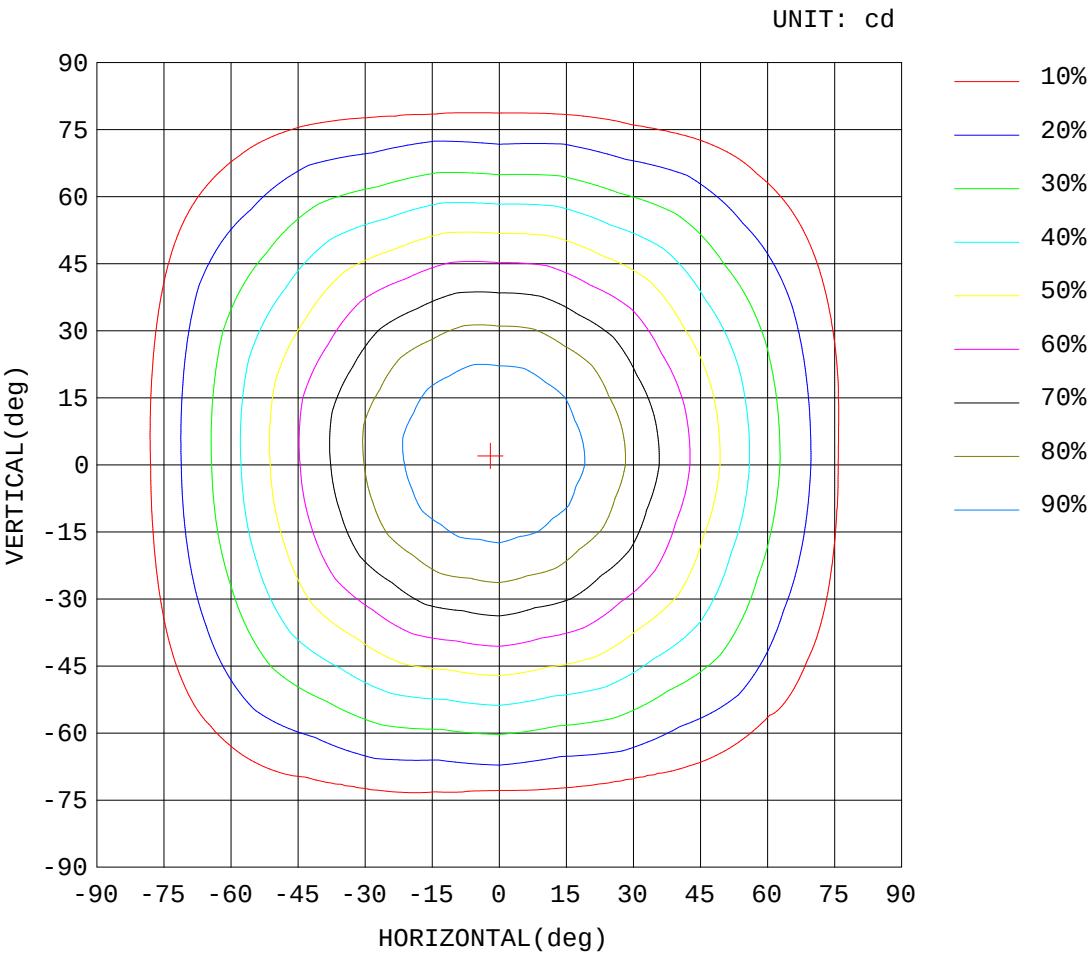
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 83Ra 0.7% Flicker 39.8 Temp

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4074	DIMENSION: 525x112	SERIAL No.:



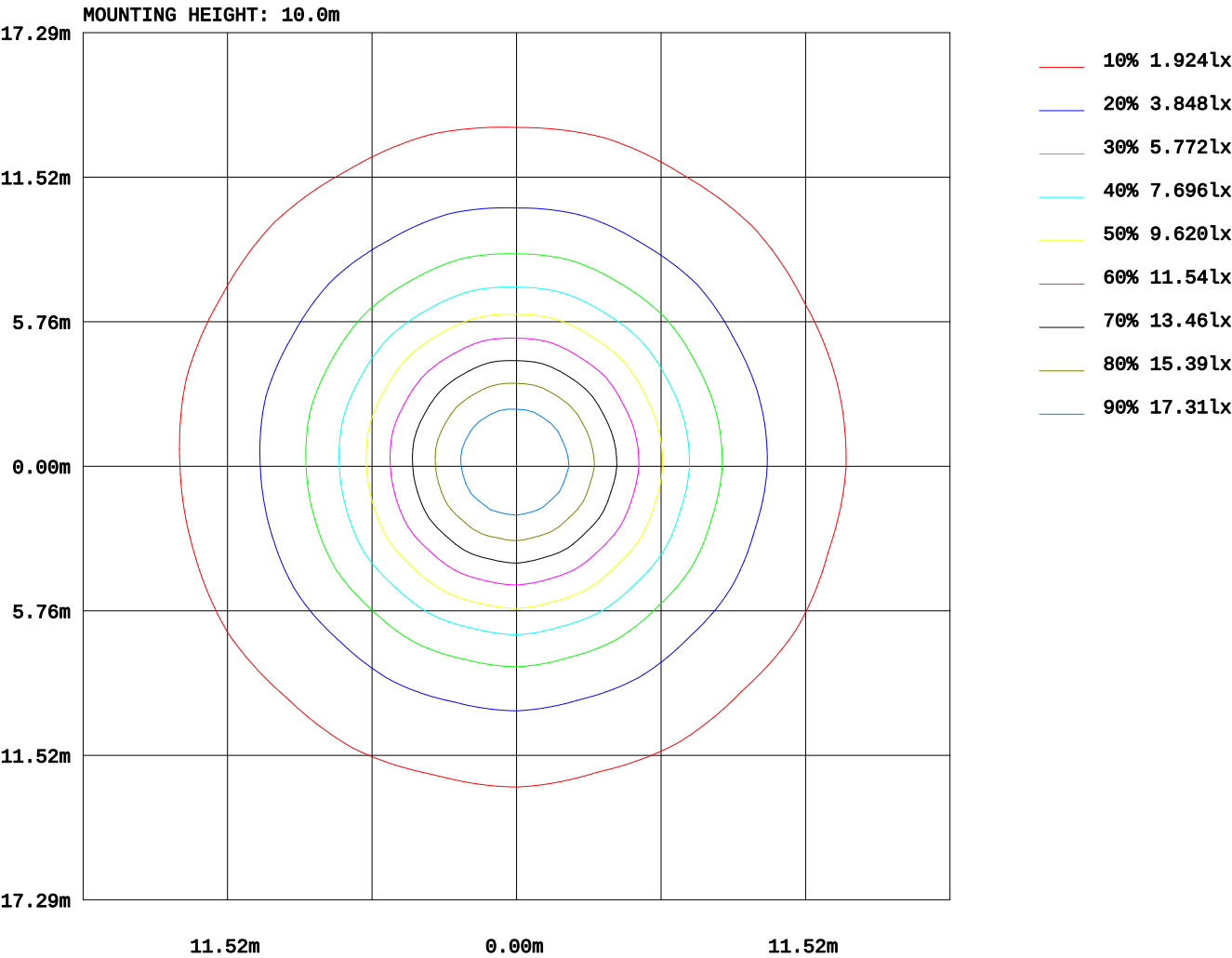
Test System:
Temperature:25.3'C
Operators:
Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 83Ra 0.7% Flicker 39.8 Temp

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4074	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: 83Ra 0.7% Flicker 39.8 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4074	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	1924	1921	1922	1919	1921	1919	1919	1917	1920	1917	1919	1918	1924	1921	1922
5.0	1908	1899	1900	1892	1896	1890	1895	1893	1901	1900	1907	1908	1917	1920	1921
10.0	1865	1851	1852	1840	1846	1838	1847	1844	1857	1858	1871	1874	1883	1894	1894
15.0	1802	1781	1782	1766	1772	1762	1774	1771	1790	1792	1812	1815	1830	1845	1845
20.0	1718	1691	1693	1670	1680	1665	1684	1677	1705	1705	1733	1736	1753	1773	1772
25.0	1615	1584	1585	1560	1570	1554	1573	1568	1598	1601	1634	1640	1657	1683	1681
30.0	1496	1462	1462	1434	1444	1426	1448	1444	1477	1481	1519	1525	1545	1574	1571
35.0	1369	1328	1332	1296	1311	1288	1315	1306	1346	1348	1394	1397	1418	1451	1446
40.0	1230	1190	1192	1156	1168	1146	1173	1166	1207	1210	1257	1263	1285	1320	1314
45.0	1087	1045	1047	1010	1022	998	1026	1018	1062	1067	1115	1121	1142	1179	1172
50.0	945	898	905	861	878	848	881	870	919	920	974	975	997	1035	1026
55.0	800	755	759	718	731	703	734	725	772	776	829	832	852	893	883
60.0	655	609	615	572	585	556	586	578	628	631	683	683	703	744	736
65.0	516	467	476	429	445	411	445	433	488	487	541	535	557	599	589
70.0	376	331	337	297	306	299	307	299	346	347	401	398	418	461	446
75.0	242	190	186	156	183	144	185	161	180	203	265	251	296	322	309
80.0	135	81.0	101	57.3	86.0	56.1	91.0	66.6	110	90.9	152	130	145	193	171
85.0	43.0	13.0	26.3	7.50	22.0	8.00	25.4	11.5	34.9	21.9	54.2	39.8	48.4	93.5	70.0
90.0	12.1	3.90	11.5	3.90	11.2	3.90	11.2	3.80	11.5	3.60	12.8	3.90	4.70	23.0	11.5
95.0	11.2	4.70	10.8	4.70	10.5	4.70	10.5	4.50	10.7	4.40	11.1	4.20	4.60	11.5	4.00
100.0	10.9	5.60	10.5	5.60	10.5	5.60	10.4	5.40	10.5	5.30	10.7	5.10	5.50	11.0	4.80
105.0	11.0	6.60	10.9	6.60	10.7	6.60	10.7	6.40	10.7	6.20	10.7	6.10	6.50	10.9	5.70
110.0	11.4	7.60	11.2	7.60	11.2	7.60	11.1	7.40	11.0	7.20	11.1	7.10	7.60	11.1	6.80
115.0	12.0	8.60	11.8	8.70	11.7	8.60	11.5	8.40	11.5	8.20	11.5	8.10	8.70	11.5	7.80
120.0	12.7	9.70	12.5	9.70	12.4	9.80	12.4	9.50	12.2	9.30	12.1	9.20	9.90	12.2	8.90
125.0	13.5	10.9	13.2	10.8	13.0	10.9	13.0	10.7	12.9	10.4	12.8	10.4	11.1	12.9	10.0
130.0	14.3	12.0	14.0	11.8	13.9	12.0	14.0	11.7	13.7	11.5	13.7	11.5	12.2	13.7	11.1
135.0	15.2	13.0	14.8	12.9	14.8	13.0	14.8	12.8	14.5	12.6	14.5	12.7	13.4	14.5	12.2
140.0	16.0	14.1	15.6	13.9	15.5	14.1	15.5	13.7	15.2	13.6	15.4	13.7	14.5	15.5	13.3
145.0	16.7	15.0	16.4	14.9	16.3	15.0	16.3	14.5	16.0	14.5	16.2	14.9	15.5	16.4	14.4
150.0	17.5	16.0	17.1	15.8	17.1	16.0	17.0	15.6	16.7	15.5	17.0	15.8	16.5	17.2	15.4
155.0	18.1	16.7	17.8	16.6	17.8	16.9	17.6	16.4	17.4	16.4	17.7	16.6	17.4	17.9	16.4
160.0	18.7	17.5	18.4	17.4	18.5	17.7	18.2	17.1	18.0	17.2	18.4	17.6	18.2	18.6	17.2
165.0	19.2	18.1	19.0	18.0	19.1	18.4	18.7	17.9	18.7	17.9	19.0	18.2	19.0	19.2	17.9
170.0	19.6	18.7	19.4	18.6	19.6	18.9	19.4	18.4	19.2	18.4	19.4	18.7	19.6	19.6	18.5
175.0	20.1	19.1	19.6	19.0	19.7	19.2	19.9	18.7	19.5	18.7	19.6	19.0	20.0	19.9	18.9
180.0	20.2	19.4	19.6	19.2	19.6	19.3	20.1	19.2	19.6	19.1	19.6	19.2	20.2	19.9	19.3

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: 83Ra 0.7% Flicker 39.8 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4074	DIMENSION: 525x112	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1919	1921	1919	1919	1917	1920	1917	1919	1918
5.0	1923	1921	1922	1919	1918	1914	1913	1905	1903
10.0	1902	1898	1901	1893	1893	1883	1880	1867	1866
15.0	1856	1850	1855	1844	1844	1828	1825	1807	1804
20.0	1786	1778	1785	1769	1771	1750	1748	1724	1721
25.0	1698	1687	1696	1678	1679	1655	1654	1625	1621
30.0	1590	1577	1588	1565	1569	1541	1540	1508	1504
35.0	1468	1452	1464	1440	1444	1413	1413	1377	1377
40.0	1337	1319	1333	1305	1312	1278	1280	1242	1243
45.0	1197	1176	1190	1161	1170	1135	1139	1100	1100
50.0	1052	1029	1044	1014	1023	989	995	955	956
55.0	909	884	900	868	879	844	852	812	814
60.0	763	737	753	720	733	698	707	667	670
65.0	618	591	608	574	588	552	564	524	528
70.0	478	451	469	435	450	415	427	386	393
75.0	339	314	330	298	313	298	292	242	258
80.0	181	174	192	161	188	144	174	123	147
85.0	104	75.1	105	70.9	92.5	54.2	71.0	35.2	52.7
90.0	32.3	15.2	33.1	14.1	27.1	7.20	17.5	3.60	12.4
95.0	11.5	3.80	11.4	3.80	11.3	4.00	11.2	4.30	11.2
100.0	10.8	4.60	10.7	4.60	10.7	4.80	10.7	5.20	10.8
105.0	10.7	5.40	10.5	5.50	10.5	5.80	10.7	6.10	10.9
110.0	10.8	6.40	10.7	6.50	10.7	6.70	10.9	7.20	11.3
115.0	11.2	7.40	11.1	7.50	11.1	7.80	11.4	8.20	11.8
120.0	11.8	8.60	11.7	8.60	11.7	8.80	12.0	9.30	12.5
125.0	12.4	9.60	12.3	9.70	12.4	9.90	12.7	10.4	13.3
130.0	13.2	10.7	13.0	10.8	13.0	11.1	13.4	11.5	14.1
135.0	14.0	11.8	13.9	12.0	14.0	12.1	14.3	12.7	15.0
140.0	14.8	13.0	14.7	13.0	14.8	13.2	15.0	13.7	15.8
145.0	15.6	14.0	15.5	14.0	15.7	14.2	15.9	14.7	16.5
150.0	16.5	15.0	16.3	15.0	16.5	15.2	16.6	15.6	17.2
155.0	17.2	15.9	17.0	16.0	17.2	16.1	17.4	16.5	18.0
160.0	18.0	16.7	17.8	17.0	18.0	17.0	18.0	17.2	18.5
165.0	18.6	17.5	18.4	17.9	18.7	17.8	18.7	17.9	18.9
170.0	19.2	18.2	19.1	18.7	19.3	18.4	19.2	18.4	19.3
175.0	19.6	18.7	19.5	19.2	19.6	18.7	19.5	18.7	19.6
180.0	19.7	19.2	19.9	19.6	19.6	19.1	19.6	19.1	19.7

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: 83Ra 0.7% Flicker 39.8 Temp