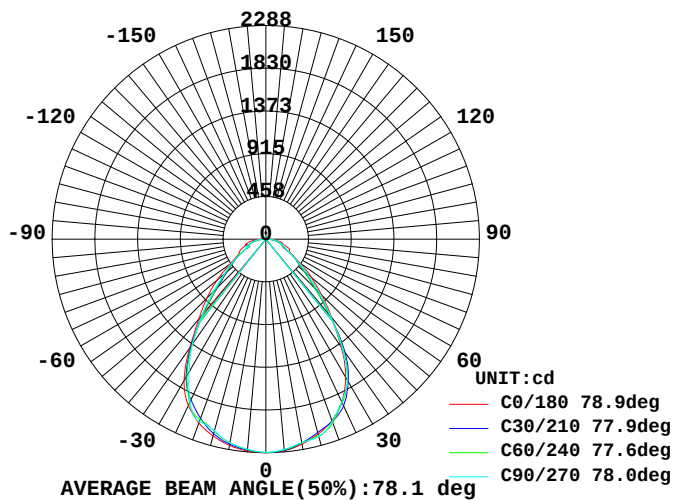


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2941	DIMENSION: 525x112	SERIAL No.:

MODEL:		Imax(cd):	2288	Effective Flux(lm):	4122.1
NOMINAL POWER(W):	40	MAXIMUM(C, γ):	0, 0.0	EEI	0.134
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4122.1	η street_up(%):	0.8	Current(A)	0.191
TEST FLUX(lm):	4122.1	η street_down(%):	48.5	Power(W)	40.70
LAMPS QUANTITY:	1	η house_up(%)	0.8	Power Factor	0.962
TOTAL RADIANT(mw):	4122.1	η house_down(%)	49.9	EEFICIENCY(lm/W)	101.3



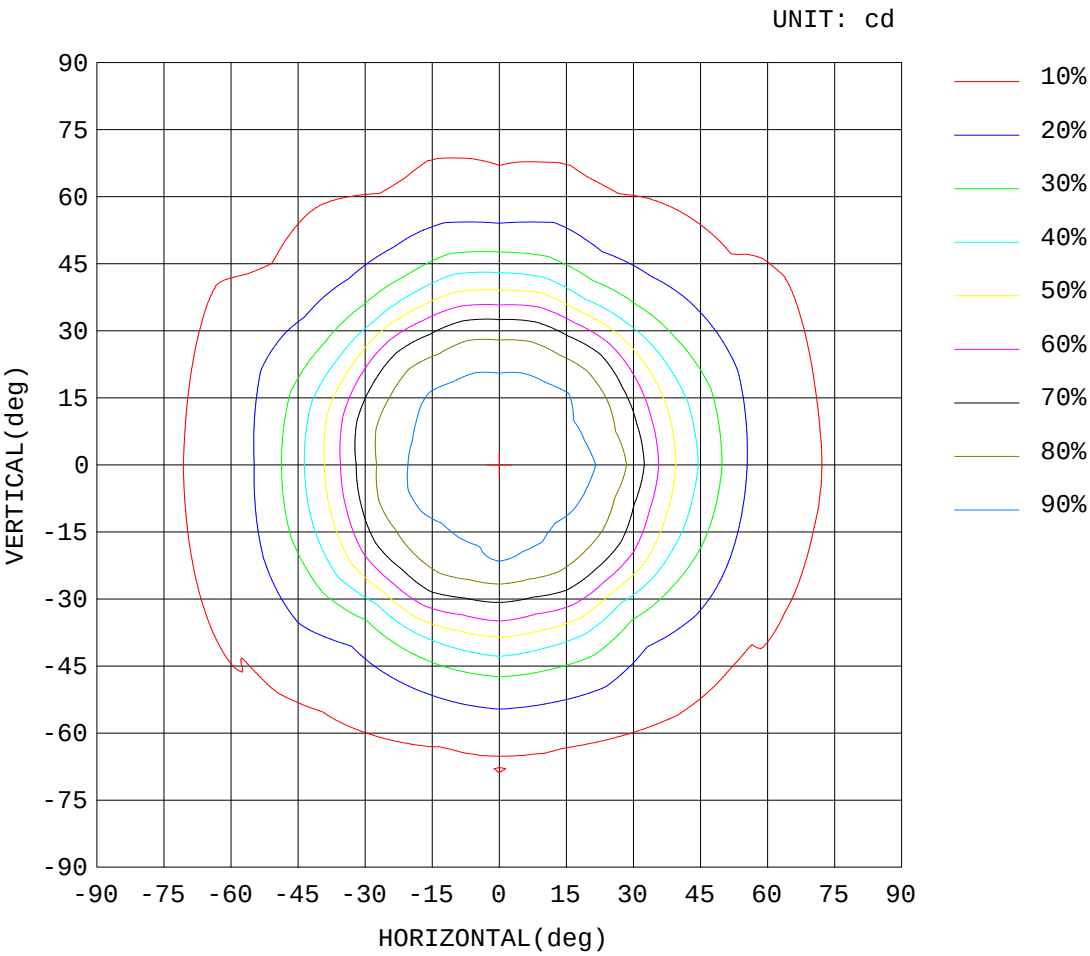
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra 1.2% Flicker 40.7 Temp

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2941	DIMENSION: 525x112	SERIAL No.:



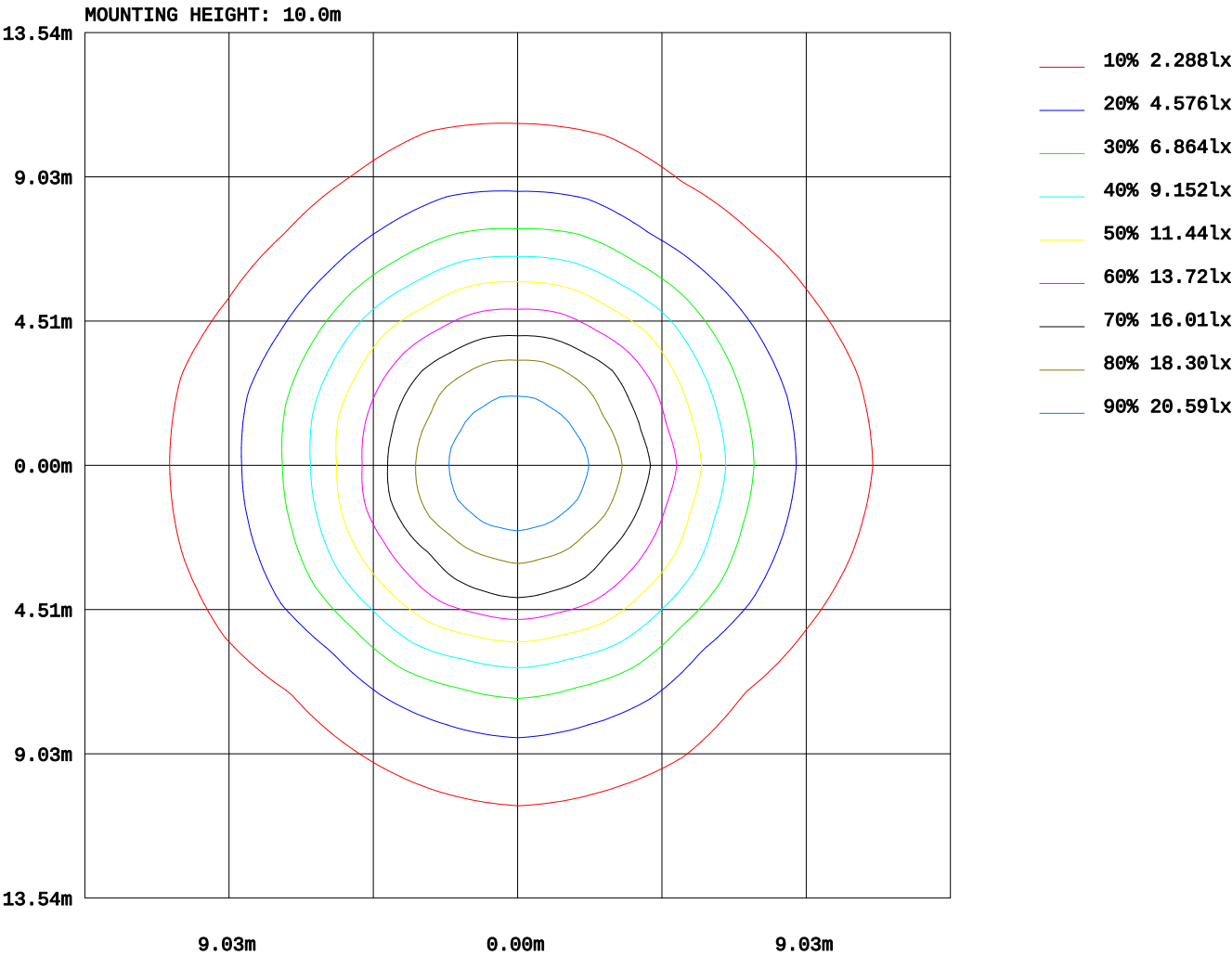
Test System:
Temperature:25.3'C
Operators:
Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra 1.2% Flicker 40.7 Temp

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2941	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 1.2% Flicker 40.7 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:															
Address:															
NAME: Element 0.5x1 Standart 3000K 80Ra Microprism								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 2941				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	2288	2286	2286	2283	2285	2284	2284	2284	2282	2282	2282	2283	2288	2286	2286
5.0	2277	2268	2269	2258	2261	2256	2261	2257	2263	2261	2269	2269	2275	2278	2272
10.0	2243	2231	2230	2212	2216	2206	2216	2208	2220	2216	2229	2226	2231	2234	2219
15.0	2183	2162	2159	2129	2129	2114	2126	2112	2135	2134	2167	2163	2161	2161	2145
20.0	2095	2064	2042	2017	2055	2061	2081	2051	2037	2014	2065	2085	2070	2063	2079
25.0	1964	1902	1900	1913	1936	1899	1918	1905	1947	1900	1902	1949	1925	1942	1972
30.0	1755	1680	1711	1683	1693	1628	1646	1642	1707	1693	1724	1731	1710	1777	1764
35.0	1417	1368	1393	1341	1373	1329	1369	1338	1394	1374	1424	1405	1410	1475	1480
40.0	1117	1075	1040	931	1020	1026	1060	1026	1008	954	1083	1085	1097	1135	1071
45.0	896	833	737	660	756	769	802	760	711	662	802	837	846	854	749
50.0	679	622	539	474	562	575	583	559	517	471	581	645	639	645	536
55.0	471	443	418	354	426	428	447	419	387	356	451	476	450	492	402
60.0	351	333	312	298	323	285	296	288	315	291	330	332	317	356	299
65.0	308	274	191	222	190	226	236	221	187	215	246	282	281	287	209
70.0	256	209	197	156	191	185	221	182	169	160	215	226	238	240	181
75.0	226	170	165	116	152	141	160	134	132	123	176	187	190	194	150
80.0	185	133	111	73.4	104	101	127	89.5	96.0	74.9	136	145	156	164	104
85.0	110	53.2	53.7	22.2	52.8	45.0	73.6	37.5	44.2	25.2	73.5	66.0	70.2	101	48.1
90.0	13.9	3.00	10.8	2.80	10.5	2.80	11.2	2.80	10.3	2.80	11.9	3.00	3.40	14.4	2.90
95.0	10.5	3.30	9.20	3.20	9.09	3.20	9.50	3.20	9.00	3.20	9.70	3.40	3.80	10.2	3.20
100.0	9.70	3.90	8.70	3.60	8.60	3.70	8.90	3.70	8.40	3.70	9.00	3.90	4.40	9.50	3.70
105.0	9.30	4.50	8.50	4.20	8.40	4.30	8.60	4.30	8.29	4.30	8.80	4.60	5.10	9.20	4.40
110.0	9.40	5.30	8.60	5.00	8.50	5.10	8.70	5.10	8.40	5.20	8.90	5.40	6.00	9.30	5.20
115.0	9.70	6.30	9.09	6.10	8.90	6.10	9.09	6.10	8.90	6.20	9.30	6.50	7.10	9.70	6.20
120.0	10.4	7.50	9.80	7.30	9.70	7.30	9.90	7.30	9.70	7.40	10.1	7.70	8.40	10.4	7.50
125.0	11.3	8.80	10.8	8.70	10.7	8.70	10.9	8.60	10.7	8.80	11.0	9.00	9.80	11.4	8.90
130.0	12.4	10.3	11.9	10.1	11.8	10.1	11.9	10.1	11.8	10.2	12.1	10.5	11.3	12.5	10.3
135.0	13.6	11.5	13.0	11.5	13.0	11.5	13.0	11.5	13.0	11.5	13.2	11.9	12.8	13.7	11.8
140.0	14.7	13.0	14.1	12.9	14.1	13.0	14.3	12.8	14.1	13.0	14.4	13.3	14.2	14.9	13.2
145.0	15.9	14.5	15.2	14.2	15.2	14.4	15.4	14.2	15.2	14.3	15.7	14.8	15.7	16.2	14.7
150.0	17.1	15.9	16.5	15.5	16.5	15.7	16.5	15.5	16.4	15.7	16.9	16.3	17.1	17.4	16.1
155.0	18.2	17.2	17.7	16.9	17.8	17.2	17.7	16.7	17.6	17.0	18.0	17.7	18.5	18.7	17.4
160.0	19.5	18.6	18.9	18.2	19.1	18.7	18.9	18.1	18.7	18.4	19.4	19.1	19.9	19.9	18.7
165.0	20.7	19.9	20.2	19.6	20.4	20.1	20.2	19.6	20.1	19.7	20.6	20.4	21.1	21.0	20.0
170.0	21.7	21.1	21.4	20.9	21.6	21.2	21.5	20.8	21.1	20.9	21.6	21.4	22.3	22.0	21.0
175.0	22.7	21.9	22.1	21.6	22.4	22.1	22.5	21.6	22.1	21.6	22.3	21.9	23.0	22.5	21.7
180.0	23.1	22.4	22.5	22.1	22.5	22.3	23.1	22.2	22.4	22.0	22.5	22.2	23.4	22.7	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 1.2% Flicker 40.7 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2941	DIMENSION: 525x112	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2283	2285	2284	2284	2284	2282	2282	2282	2283
5.0	2272	2266	2267	2260	2265	2260	2266	2267	2272
10.0	2222	2219	2223	2215	2219	2209	2219	2220	2235
15.0	2178	2179	2200	2189	2193	2169	2158	2135	2163
20.0	2116	2094	2101	2076	2101	2094	2102	2046	2055
25.0	1968	1935	1949	1929	1945	1923	1962	1943	1903
30.0	1797	1748	1778	1745	1766	1733	1771	1725	1706
35.0	1496	1454	1477	1432	1464	1417	1460	1421	1401
40.0	1047	1074	1122	1080	1099	996	1031	1081	1112
45.0	716	747	840	810	801	702	724	785	870
50.0	507	538	621	591	600	507	520	582	673
55.0	372	411	460	425	461	384	388	427	493
60.0	310	304	331	298	337	300	313	305	360
65.0	251	217	264	237	259	216	244	230	303
70.0	189	182	193	212	217	161	191	201	246
75.0	150	151	185	166	185	136	154	161	213
80.0	115	105	149	133	141	96.6	107	121	175
85.0	60.3	50.9	93.5	70.7	86.5	43.7	59.1	50.1	102
90.0	11.9	2.70	13.2	2.80	12.7	2.70	11.5	2.90	13.7
95.0	9.20	3.10	9.80	3.10	9.70	3.00	9.20	3.20	10.3
100.0	8.60	3.50	9.00	3.60	8.90	3.50	8.50	3.70	9.50
105.0	8.40	4.20	8.70	4.20	8.60	4.10	8.29	4.30	9.09
110.0	8.60	4.90	8.70	5.00	8.60	4.90	8.50	5.10	9.20
115.0	9.00	5.90	9.09	5.90	9.00	5.80	8.90	6.10	9.60
120.0	9.70	7.10	9.70	7.10	9.60	7.10	9.60	7.40	10.3
125.0	10.7	8.50	10.7	8.50	10.5	8.40	10.5	8.70	11.2
130.0	11.9	10.0	11.8	9.90	11.7	9.90	11.8	10.2	12.4
135.0	13.0	11.4	12.9	11.4	12.9	11.3	12.9	11.5	13.5
140.0	14.2	12.8	14.1	12.8	14.1	12.8	14.1	13.0	14.7
145.0	15.4	14.2	15.2	14.2	15.2	14.2	15.2	14.4	15.9
150.0	16.5	15.6	16.5	15.6	16.5	15.5	16.5	15.8	17.1
155.0	17.8	16.9	17.7	16.9	17.8	16.9	17.7	17.1	18.2
160.0	19.0	18.1	18.7	18.4	19.0	18.2	18.9	18.5	19.4
165.0	20.2	19.6	20.0	19.9	20.2	19.6	20.2	19.6	20.5
170.0	21.2	20.7	21.1	21.1	21.5	20.8	21.2	20.8	21.5
175.0	22.1	21.6	22.1	22.1	22.3	21.6	22.0	21.6	22.3
180.0	22.4	22.1	22.7	22.7	22.6	22.1	22.4	22.0	22.7

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: 82Ra 1.2% Flicker 40.7 Temp