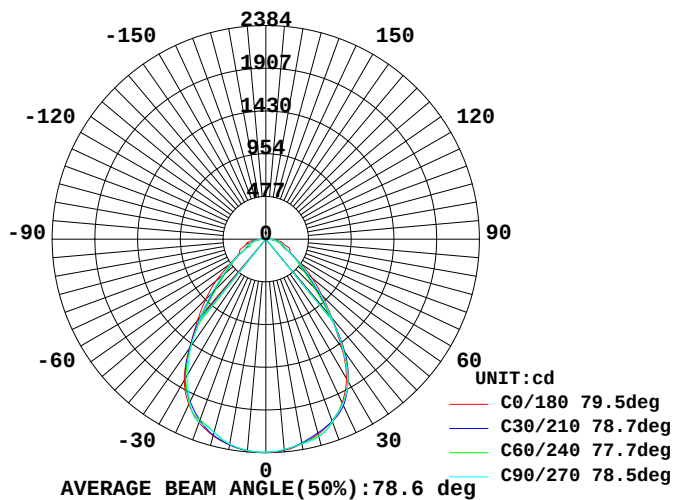


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 5000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4918	DIMENSION: 525x112	SERIAL No.:

MODEL:		Imax(cd):	2384	Effective Flux(lm):	4345.1
NOMINAL POWER(W):	40	MAXIMUM(C, γ):	0, 1.0	EEI	0.128
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4345.1	η street_up(%):	0.8	Current(A)	0.192
TEST FLUX(lm):	4345.1	η street_down(%):	48.8	Power(W)	40.79
LAMPS QUANTITY:	1	η house_up(%)	0.8	Power Factor	0.962
TOTAL RADIANT(mw):	4345.1	η house_down(%):	49.7	EEFICIENCY(lm/W)	106.5



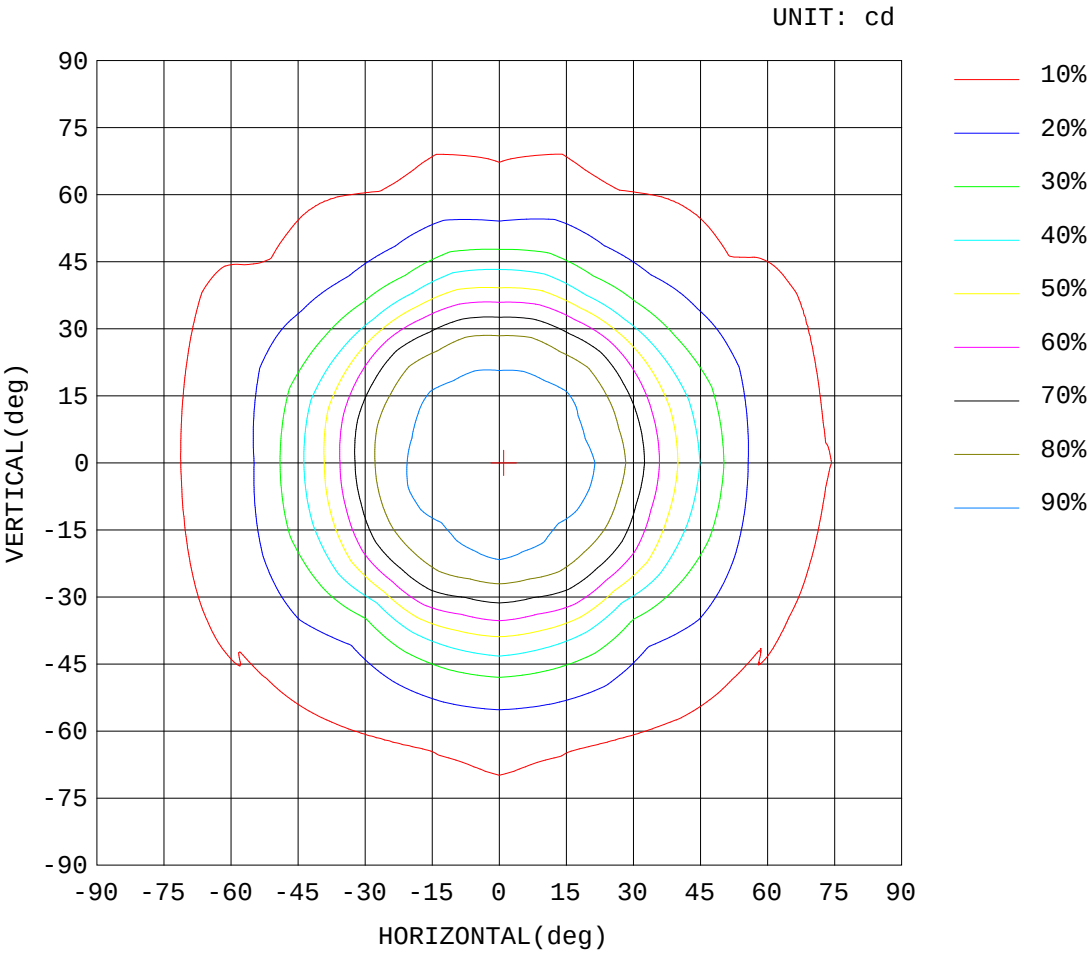
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 85Ra 1.1% Flicker 38.7 Temp

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 5000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4918	DIMENSION: 525x112	SERIAL No.:



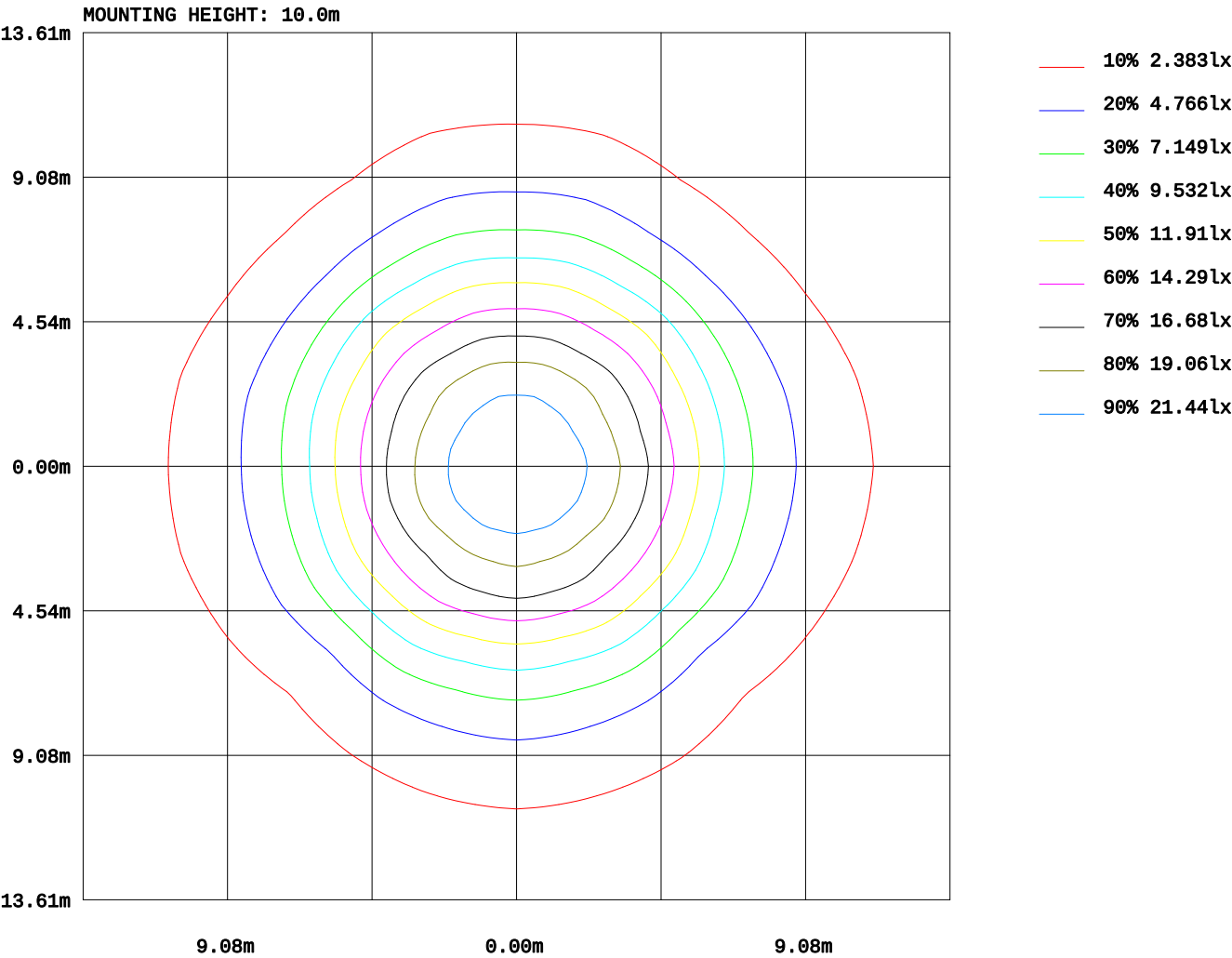
Test System:
Temperature:25.3'C
Operators:
Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 85Ra 1.1% Flicker 38.7 Temp

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 5000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4918	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: 85Ra 1.1% Flicker 38.7 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:															
Address:															
NAME: Element 0.5x1 Standart 5000K 80Ra Microprism								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 4918				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	2383	2381	2381	2380	2378	2379	2377	2377	2377	2378	2378	2379	2383	2381	2381
5.0	2373	2366	2369	2364	2369	2362	2366	2361	2365	2363	2370	2364	2366	2367	2359
10.0	2331	2328	2332	2320	2326	2316	2324	2314	2323	2318	2327	2322	2319	2320	2308
15.0	2270	2266	2266	2238	2233	2217	2230	2218	2231	2234	2261	2263	2252	2249	2240
20.0	2178	2167	2155	2117	2150	2152	2176	2152	2142	2110	2156	2170	2160	2151	2164
25.0	2037	2017	1999	2002	2023	1993	2010	1992	2024	2001	1999	2022	2017	2023	2049
30.0	1820	1782	1799	1768	1786	1727	1742	1725	1784	1773	1810	1789	1801	1834	1835
35.0	1491	1451	1484	1423	1465	1415	1451	1417	1472	1440	1499	1468	1472	1519	1533
40.0	1190	1154	1137	1003	1079	1098	1131	1101	1091	1008	1133	1139	1147	1182	1137
45.0	947	895	811	705	790	819	859	820	773	693	815	877	893	894	807
50.0	727	686	597	505	593	617	631	611	570	495	595	677	673	686	581
55.0	501	495	462	381	448	470	485	464	428	374	464	500	470	525	443
60.0	368	365	339	317	350	317	320	309	337	309	341	354	337	376	321
65.0	324	300	251	247	240	248	253	244	238	242	249	299	297	310	224
70.0	278	232	216	177	192	204	238	200	187	171	215	239	277	260	200
75.0	237	194	187	132	157	152	175	149	149	131	186	193	205	210	169
80.0	202	155	137	83.6	115	110	141	109	111	82.4	142	155	171	182	120
85.0	126	76.2	70.8	34.7	61.0	55.4	87.0	52.7	58.2	34.9	75.1	79.7	90.0	113	53.3
90.0	15.0	3.10	11.5	2.90	10.5	2.90	11.1	2.90	10.3	2.90	11.5	3.10	3.40	13.5	3.00
95.0	10.4	3.50	9.30	3.30	9.00	3.30	9.40	3.30	8.90	3.30	9.40	3.50	3.90	10.1	3.40
100.0	9.60	4.00	8.80	3.80	8.50	3.90	8.90	3.80	8.50	3.80	8.90	4.10	4.60	9.40	4.00
105.0	9.40	4.80	8.70	4.40	8.40	4.50	8.70	4.50	8.29	4.50	8.70	4.80	5.30	9.20	4.70
110.0	9.50	5.60	8.80	5.30	8.60	5.40	8.80	5.30	8.50	5.40	8.90	5.70	6.30	9.40	5.50
115.0	10.0	6.70	9.40	6.40	9.09	6.40	9.40	6.30	9.09	6.50	9.50	6.70	7.40	9.90	6.60
120.0	10.8	8.00	10.2	7.70	10.0	7.70	10.2	7.60	10.0	7.70	10.3	8.00	8.70	10.7	8.00
125.0	11.7	9.30	11.2	9.09	11.0	9.09	11.2	9.09	10.9	9.09	11.3	9.40	10.2	11.7	9.40
130.0	12.8	10.7	12.3	10.5	12.2	10.5	12.4	10.5	12.2	10.5	12.4	10.8	11.5	12.9	10.8
135.0	14.0	12.2	13.5	12.0	13.4	12.1	13.6	12.0	13.4	12.0	13.6	12.3	13.2	14.1	12.3
140.0	15.2	13.6	14.5	13.4	14.5	13.5	14.8	13.4	14.5	13.4	14.8	13.7	14.7	15.4	13.7
145.0	16.4	15.0	15.8	14.7	15.8	14.9	16.0	14.8	15.7	14.7	16.0	15.2	16.1	16.6	15.2
150.0	17.6	16.5	17.1	16.1	17.0	16.3	17.1	16.1	16.9	16.2	17.2	16.7	17.5	18.0	16.5
155.0	18.7	17.9	18.2	17.5	18.2	17.8	18.2	17.5	18.0	17.5	18.5	18.1	18.7	19.3	18.0
160.0	20.0	19.2	19.6	19.0	19.6	19.3	19.6	18.7	19.3	18.9	19.9	19.6	20.2	20.5	19.4
165.0	21.4	20.6	20.9	20.4	21.0	20.7	21.0	20.2	20.7	20.2	21.1	20.9	21.6	21.6	20.7
170.0	22.6	21.6	22.0	21.6	22.2	22.0	22.4	21.4	21.9	21.5	22.2	22.0	22.7	22.6	21.7
175.0	23.5	22.5	22.9	22.4	23.0	22.7	23.4	22.4	22.7	22.3	22.9	22.6	23.5	23.1	22.4
180.0	23.9	23.0	23.1	22.7	23.1	22.9	23.8	22.9	23.1	22.7	23.1	22.9	24.0	23.4	22.9

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: 85Ra 1.1% Flicker 38.7 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 5000K 80Ra Microprism		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4918	DIMENSION: 525x112	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2380	2378	2379	2377	2377	2377	2378	2378	2379
5.0	2362	2357	2360	2355	2359	2354	2357	2358	2364
10.0	2317	2315	2327	2321	2326	2311	2316	2308	2322
15.0	2268	2273	2295	2286	2292	2274	2264	2232	2254
20.0	2197	2174	2181	2163	2175	2171	2193	2153	2144
25.0	2055	2026	2049	2032	2045	2017	2041	2039	2004
30.0	1870	1836	1859	1831	1851	1822	1853	1813	1811
35.0	1554	1515	1539	1493	1527	1489	1521	1499	1483
40.0	1097	1112	1174	1140	1158	1074	1077	1133	1181
45.0	749	769	869	860	852	760	752	814	911
50.0	529	549	644	616	641	551	539	597	707
55.0	391	420	484	448	489	425	402	446	527
60.0	326	319	347	316	352	323	331	317	387
65.0	261	225	276	248	275	229	259	232	319
70.0	199	183	236	223	236	179	202	207	257
75.0	157	150	189	174	192	149	158	168	218
80.0	117	105	149	137	150	106	113	120	185
85.0	60.9	47.9	90.5	72.1	91.5	48.1	61.0	53.2	112
90.0	10.9	2.80	12.2	2.80	12.3	2.80	11.0	2.90	14.2
95.0	8.90	3.30	9.40	3.30	9.40	3.20	8.90	3.40	10.0
100.0	8.50	3.80	8.80	3.80	8.80	3.70	8.40	3.90	9.40
105.0	8.40	4.40	8.60	4.50	8.60	4.30	8.29	4.60	9.20
110.0	8.60	5.30	8.80	5.30	8.80	5.20	8.60	5.40	9.30
115.0	9.20	6.30	9.30	6.40	9.20	6.20	9.09	6.50	9.80
120.0	10.0	7.60	10.0	7.60	10.0	7.50	10.0	7.80	10.5
125.0	11.1	9.00	11.0	9.09	11.1	9.00	11.0	9.20	11.5
130.0	12.3	10.5	12.2	10.5	12.2	10.4	12.2	10.7	12.8
135.0	13.5	12.0	13.5	12.0	13.5	11.9	13.5	12.1	14.0
140.0	14.7	13.4	14.5	13.5	14.7	13.4	14.5	13.5	15.2
145.0	15.9	14.8	15.9	14.9	16.0	14.8	15.8	14.9	16.4
150.0	17.1	16.2	17.1	16.2	17.2	16.1	17.0	16.3	17.6
155.0	18.4	17.5	18.2	17.5	18.4	17.5	18.1	17.6	18.7
160.0	19.6	18.7	19.4	18.9	19.7	18.9	19.5	19.0	20.0
165.0	20.8	20.2	20.7	20.4	21.1	20.4	20.8	20.2	21.1
170.0	21.9	21.4	21.9	21.9	22.3	21.6	21.7	21.4	22.1
175.0	22.7	22.3	22.7	22.9	23.0	22.4	22.7	22.2	22.9
180.0	23.1	22.7	23.2	23.5	23.2	22.7	23.0	22.7	23.2

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: 85Ra 1.1% Flicker 38.7 Temp