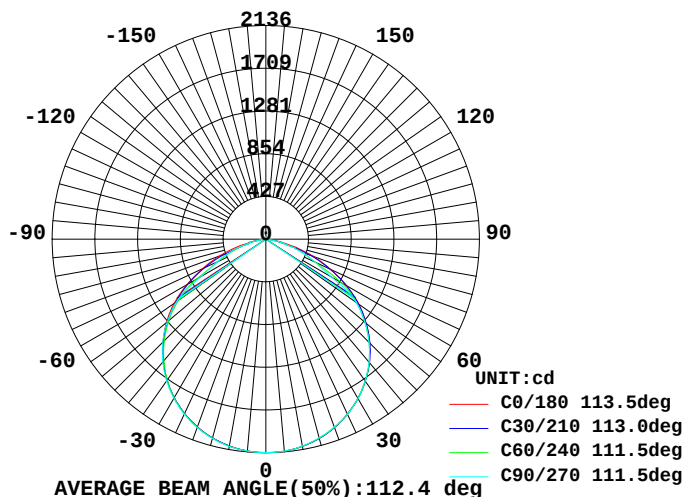


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4128	DIMENSION: 525x112	SERIAL No.:

MODEL:		Imax(cd):	2137	Effective Flux(lm):	5857.0
NOMINAL POWER(W):	40	MAXIMUM(C, γ):	345, 2.0	EEI	0.095
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	5857.0	η street_up(%):	0.7	Current(A)	0.192
TEST FLUX(lm):	5857.0	η street_down(%):	48.9	Power(W)	40.79
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.962
TOTAL RADIANT(mw):	5857.0	η house_down(%)	49.7	EEFICIENCY(lm/W)	143.6



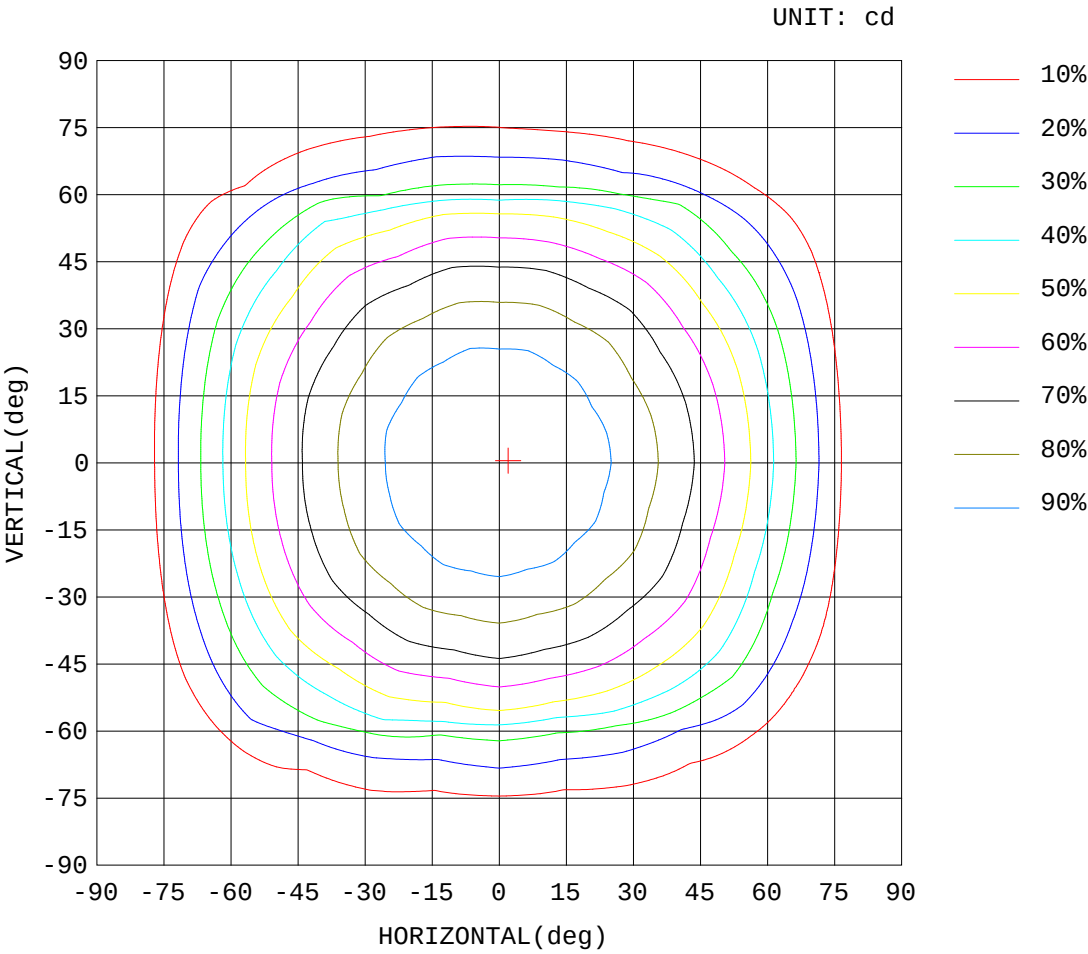
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra 0.6% Flicker 38.5 Temp

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4128	DIMENSION: 525x112	SERIAL No.:



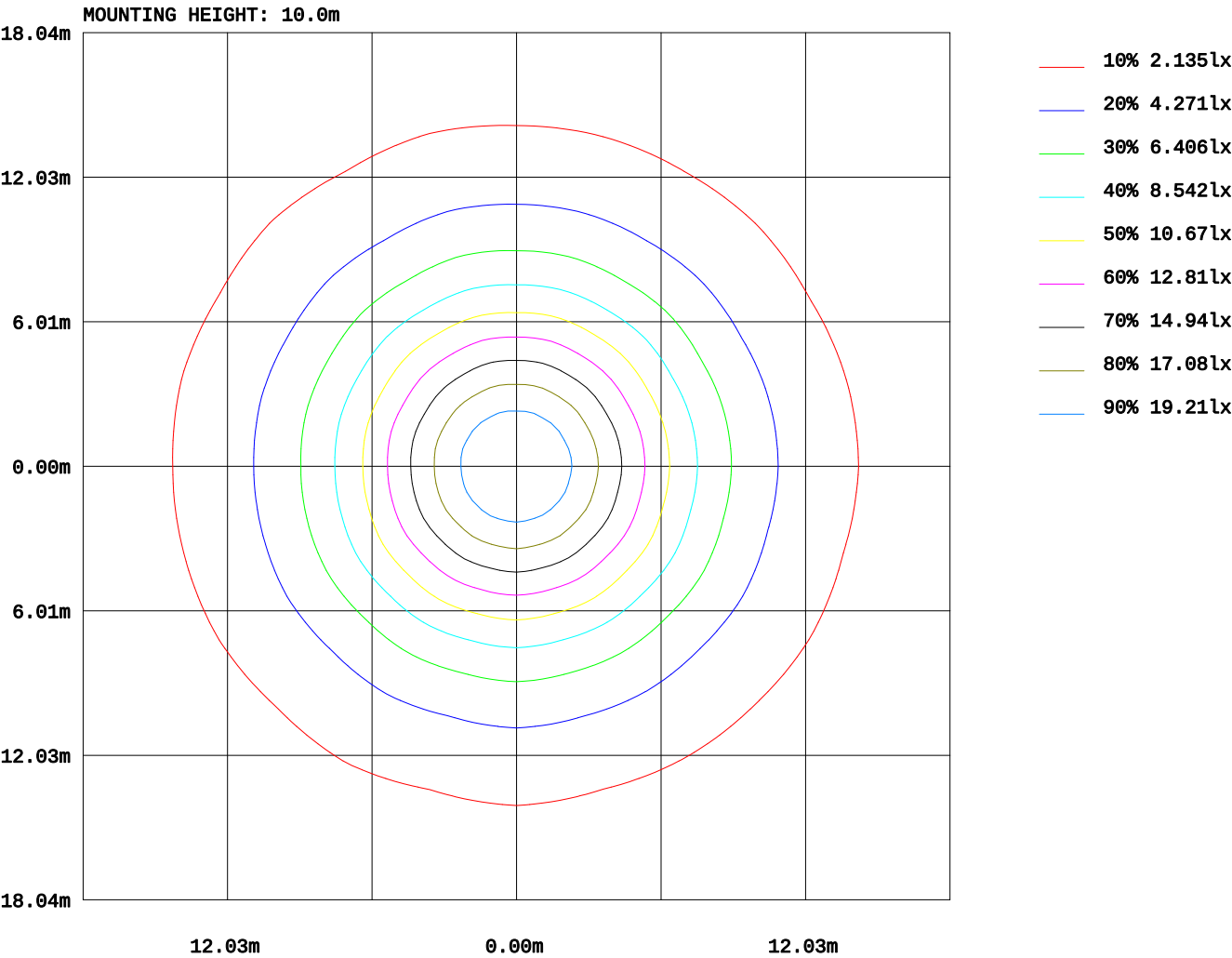
Test System:
Temperature:25.3'C
Operators:
Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra 0.6% Flicker 38.5 Temp

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4128	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 0.6% Flicker 38.5 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:															
Address:															
NAME: Element 0.5x1 Standart 4000K 80Ra TP								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 4128				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	2136	2135	2134	2133	2133	2133	2134	2133	2133	2133	2133	2134	2136	2135	2134
5.0	2127	2123	2126	2122	2126	2124	2127	2124	2127	2125	2127	2125	2128	2130	2128
10.0	2101	2095	2099	2095	2102	2098	2105	2101	2105	2101	2106	2102	2103	2108	2105
15.0	2058	2049	2058	2052	2060	2055	2064	2057	2065	2060	2067	2062	2062	2070	2063
20.0	1999	1987	1999	1989	2002	1993	2006	1997	2010	2002	2014	2005	2004	2013	2005
25.0	1924	1912	1924	1912	1925	1916	1931	1922	1937	1928	1941	1933	1931	1943	1932
30.0	1831	1816	1830	1815	1831	1820	1838	1827	1846	1835	1853	1841	1840	1853	1840
35.0	1724	1704	1722	1700	1719	1705	1731	1711	1737	1724	1748	1731	1731	1747	1734
40.0	1597	1576	1594	1570	1587	1575	1603	1581	1609	1598	1625	1611	1610	1626	1614
45.0	1454	1429	1447	1421	1435	1424	1457	1427	1463	1451	1482	1468	1469	1486	1473
50.0	1298	1262	1285	1254	1267	1250	1287	1248	1303	1282	1324	1310	1309	1329	1309
55.0	1120	1083	1101	1073	1067	1041	1091	1050	1120	1102	1144	1139	1138	1160	1132
60.0	913	869	898	861	805	701	748	757	908	900	943	929	929	957	934
65.0	699	644	675	568	521	495	542	494	592	680	732	713	712	742	706
70.0	491	440	432	337	354	338	374	337	389	398	521	507	509	534	486
75.0	289	227	178	174	177	177	179	181	233	200	307	315	316	329	217
80.0	141	66.5	102	62.5	91.0	42.5	95.7	58.3	116	85.0	128	117	126	160	96.5
85.0	36.3	12.3	24.0	9.70	23.1	13.2	25.5	12.7	25.6	12.2	41.2	21.2	25.7	46.0	22.4
90.0	13.0	4.20	12.3	3.90	11.8	3.70	12.0	3.70	12.6	3.90	14.0	4.10	4.50	15.2	4.70
95.0	12.1	5.20	11.5	4.90	11.1	4.70	10.9	4.60	11.2	4.80	11.8	5.00	5.40	12.1	4.90
100.0	12.0	6.40	11.5	6.00	11.1	5.80	10.9	5.70	11.2	5.90	11.7	6.10	6.60	11.9	6.00
105.0	12.4	7.70	12.0	7.30	11.5	7.00	11.3	7.00	11.5	7.20	12.0	7.40	8.00	12.3	7.30
110.0	13.0	9.00	12.6	8.70	12.1	8.40	12.0	8.29	12.2	8.50	12.6	8.80	9.40	12.9	8.70
115.0	13.9	10.2	13.4	9.90	13.0	9.70	12.9	9.70	13.0	9.80	13.3	10.1	10.8	13.7	10.0
120.0	14.9	11.5	14.2	11.2	13.9	11.1	13.9	11.0	13.7	11.1	14.2	11.5	12.3	14.5	11.3
125.0	15.9	13.0	15.0	12.5	14.8	12.4	14.8	12.3	14.7	12.4	15.0	12.9	13.7	15.5	12.7
130.0	16.9	14.3	16.0	13.7	15.7	13.6	15.8	13.5	15.7	13.6	16.1	14.2	15.0	16.5	14.0
135.0	17.9	15.5	17.1	15.0	16.6	14.9	16.7	14.8	16.6	14.9	17.1	15.5	16.4	17.6	15.2
140.0	18.9	16.7	18.0	16.2	17.7	16.2	17.7	15.9	17.6	16.1	18.1	16.7	17.6	18.7	16.5
145.0	19.6	17.9	19.1	17.4	18.7	17.4	18.6	17.0	18.5	17.2	19.2	18.0	18.7	19.6	17.7
150.0	20.5	18.7	19.9	18.5	19.7	18.6	19.6	18.0	19.4	18.4	20.1	19.0	19.7	20.6	18.7
155.0	21.1	19.6	20.6	19.5	20.6	19.6	20.4	19.1	20.2	19.3	20.8	20.0	20.7	21.2	19.6
160.0	21.6	20.5	21.4	20.2	21.4	20.5	21.1	19.9	21.0	20.1	21.5	20.8	21.6	21.9	20.4
165.0	22.3	21.1	21.9	21.0	22.1	21.4	21.7	20.8	21.6	20.9	22.1	21.5	22.3	22.4	21.1
170.0	22.7	21.6	22.4	21.6	22.6	21.9	22.5	21.4	22.2	21.5	22.5	21.9	22.7	22.7	21.6
175.0	23.1	22.0	22.7	21.9	22.7	22.3	23.0	21.9	22.6	21.9	22.7	22.2	23.1	23.0	22.0
180.0	23.4	22.4	22.7	22.2	22.7	22.4	23.2	22.4	22.7	22.2	22.7	22.4	23.5	22.9	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: 82Ra 0.6% Flicker 38.5 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 4000K 80Ra TP		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4128	DIMENSION: 525x112	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	2133	2133	2133	2134	2133	2133	2133	2133	2134
5.0	2130	2127	2130	2127	2128	2125	2126	2123	2125
10.0	2109	2103	2107	2101	2104	2098	2102	2095	2097
15.0	2069	2061	2066	2057	2063	2053	2058	2050	2057
20.0	2012	2003	2011	2000	2006	1993	1998	1988	1997
25.0	1943	1934	1945	1931	1936	1920	1924	1909	1921
30.0	1857	1845	1858	1840	1848	1828	1834	1815	1830
35.0	1753	1734	1750	1729	1737	1716	1726	1700	1717
40.0	1633	1608	1628	1606	1612	1589	1604	1574	1591
45.0	1493	1460	1485	1459	1464	1441	1457	1428	1446
50.0	1336	1291	1320	1293	1293	1274	1289	1261	1287
55.0	1164	1108	1139	1106	1108	1093	1107	1079	1111
60.0	970	877	817	758	816	884	905	873	904
65.0	730	547	562	538	536	546	689	653	686
70.0	420	382	401	376	379	361	391	446	486
75.0	255	219	250	215	181	196	179	211	281
80.0	137	92.2	127	74.0	115	79.4	111	71.5	131
85.0	35.2	14.9	29.3	15.2	27.2	13.0	27.7	13.7	32.4
90.0	15.7	3.90	14.4	3.60	12.9	3.80	12.7	4.10	12.9
95.0	11.5	4.50	11.0	4.50	11.0	4.70	11.5	5.10	12.0
100.0	11.4	5.60	10.9	5.50	11.0	5.80	11.5	6.30	12.0
105.0	11.7	6.90	11.3	6.90	11.4	7.10	11.9	7.60	12.4
110.0	12.3	8.29	12.0	8.20	12.1	8.50	12.6	9.00	13.0
115.0	13.2	9.70	12.9	9.70	13.0	9.90	13.4	10.2	13.9
120.0	14.0	11.0	13.9	11.1	13.9	11.2	14.2	11.5	14.9
125.0	15.0	12.4	14.8	12.4	14.8	12.5	15.0	12.9	15.8
130.0	15.9	13.7	15.8	13.7	15.8	13.7	16.1	14.2	16.9
135.0	16.9	14.9	16.7	15.0	16.7	15.0	17.1	15.5	17.8
140.0	17.9	16.1	17.7	16.2	17.8	16.2	18.0	16.6	18.7
145.0	18.9	17.2	18.6	17.2	18.7	17.4	19.1	17.8	19.6
150.0	19.7	18.2	19.6	18.4	19.7	18.5	19.9	18.7	20.4
155.0	20.6	19.3	20.4	19.4	20.7	19.5	20.7	19.6	21.1
160.0	21.2	20.1	21.1	20.4	21.5	20.2	21.4	20.4	21.6
165.0	21.9	20.8	21.6	21.1	22.1	21.0	22.0	21.0	22.1
170.0	22.4	21.5	22.3	22.0	22.6	21.6	22.4	21.5	22.5
175.0	22.7	21.9	22.7	22.4	22.9	22.0	22.7	21.9	22.7
180.0	22.7	22.3	23.0	22.7	22.9	22.2	22.7	22.3	23.0

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 0.6% Flicker 38.5 Temp