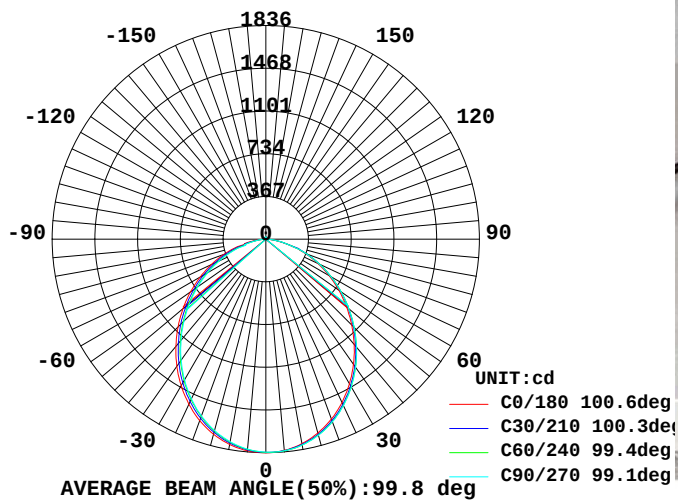


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2924	DIMENSION: 525x112	SERIAL No.:

MODEL:		Imax(cd):	1836	Effective Flux(lm):	4532.5
NOMINAL POWER(W):	40	MAXIMUM(C, γ):	0, 0.0	EEI	0.122
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4532.5	η street_up(%):	0.8	Current(A)	0.191
TEST FLUX(lm):	4532.5	η street_down(%):	47.5	Power(W)	40.70
LAMPS QUANTITY:	1	η house_up(%)	0.8	Power Factor	0.962
TOTAL RADIANT(mw):	4532.4	η house_down(%)	50.9	EEFICIENCY(lm/W)	111.3



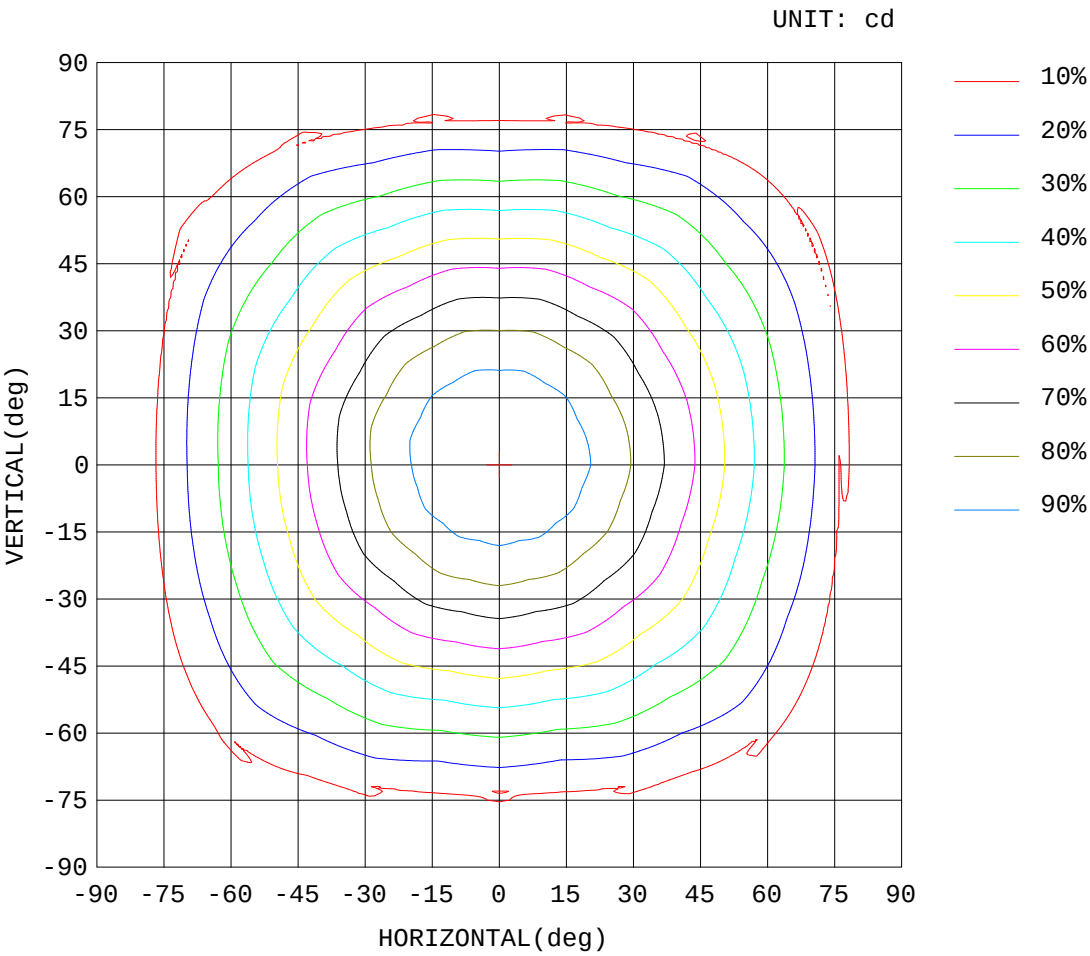
Test System:
 Temperature: 25.3°C
 Operators:
 Test Date: 04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity: 65.0%
 Test Distance: 10.000 m
 Remarks: 82Ra 0.8% Flicker 39.7 Temp

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2924	DIMENSION: 525x112	SERIAL No.:



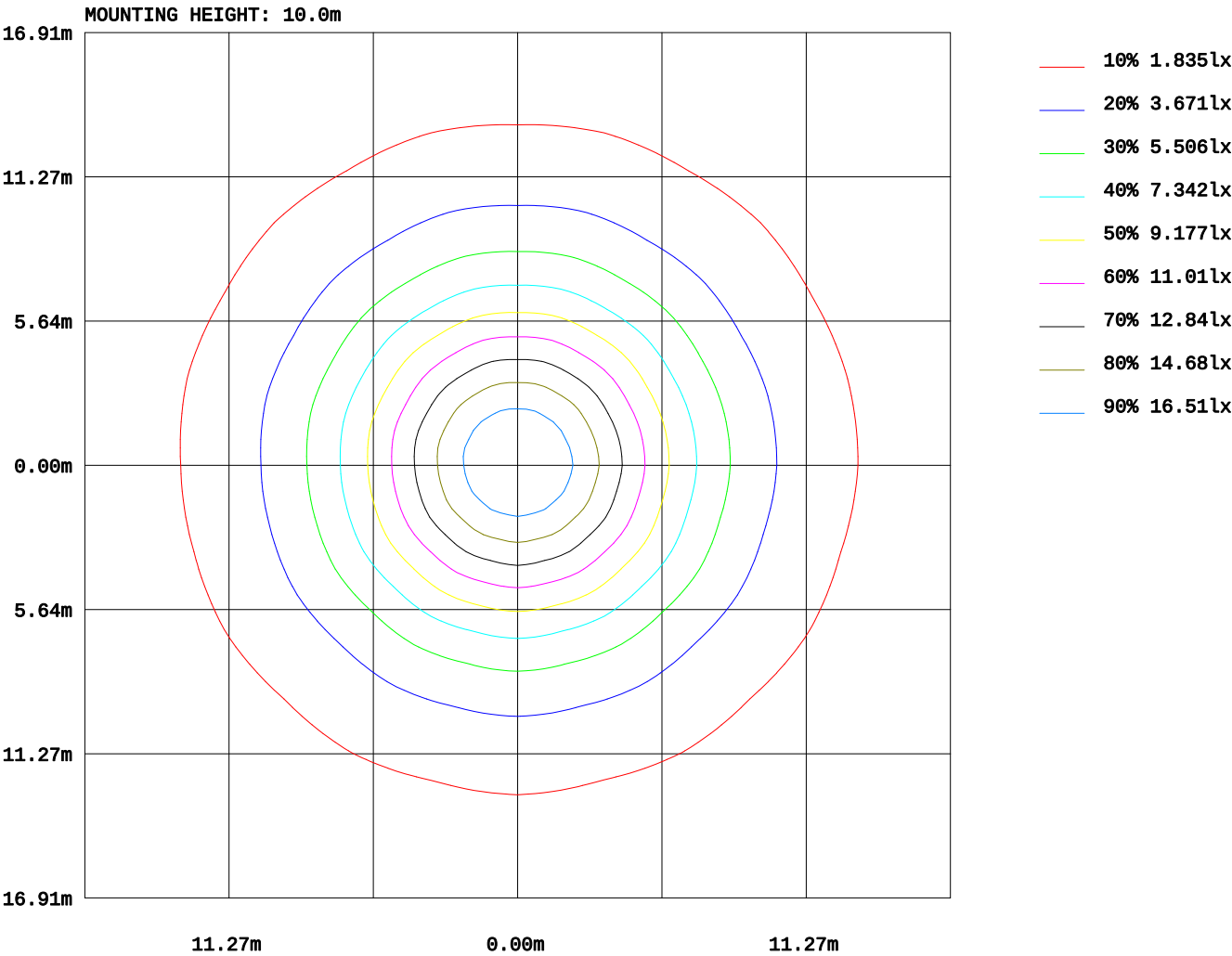
Test System:
Temperature:25.3'C
Operators:
Test Date:04-11-2023

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 82Ra 0.8% Flicker 39.7 Temp

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2924	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 0.8% Flicker 39.7 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:															
Address:															
NAME: Element 0.5x1 Standart 3000K 80Ra Opal								TYPE:				WEIGHT:			
SPECIFICATION:				CCT(K): 2924				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	1836	1833	1832	1831	1831	1830	1830	1829	1830	1828	1830	1828	1836	1833	1832
5.0	1825	1817	1818	1812	1813	1808	1811	1807	1812	1808	1815	1813	1822	1824	1824
10.0	1792	1780	1780	1768	1772	1761	1768	1762	1770	1767	1778	1774	1783	1794	1790
15.0	1735	1718	1719	1703	1707	1693	1702	1694	1706	1702	1717	1714	1726	1739	1737
20.0	1660	1635	1638	1616	1624	1604	1618	1605	1624	1616	1638	1634	1646	1663	1659
25.0	1565	1539	1540	1516	1521	1501	1514	1502	1522	1516	1540	1537	1550	1571	1566
30.0	1454	1424	1426	1397	1405	1381	1396	1382	1406	1400	1427	1423	1437	1462	1456
35.0	1335	1298	1304	1269	1279	1250	1270	1252	1281	1271	1306	1298	1312	1339	1333
40.0	1203	1167	1170	1136	1144	1115	1134	1118	1148	1139	1175	1168	1182	1213	1203
45.0	1066	1029	1033	995	1004	974	994	977	1009	1001	1037	1030	1045	1076	1066
50.0	930	888	896	854	866	831	855	835	872	861	902	891	905	938	925
55.0	791	751	758	716	726	693	715	697	733	724	763	755	768	802	787
60.0	652	612	619	577	586	552	575	557	595	586	627	617	629	664	648
65.0	518	474	486	439	452	412	441	419	462	450	495	481	492	528	510
70.0	384	344	353	310	318	296	307	296	329	322	363	351	362	397	379
75.0	254	207	181	173	194	154	190	159	190	186	236	215	225	268	239
80.0	149	97.3	121	72.8	102	68.0	99.2	69.9	106	80.0	133	107	114	160	123
85.0	54.5	21.6	38.6	14.8	31.7	13.7	31.0	13.7	34.7	18.4	43.3	28.2	32.5	63.5	39.5
90.0	12.5	3.40	11.5	3.40	11.2	3.40	11.1	3.40	11.4	3.50	12.0	3.40	3.70	14.3	3.80
95.0	11.0	4.10	10.5	4.10	10.4	4.20	10.3	4.10	10.5	4.20	10.8	4.20	4.50	11.1	4.00
100.0	10.5	4.90	10.3	4.90	10.1	4.90	10.1	5.00	10.2	5.00	10.4	5.00	5.30	10.5	4.80
105.0	10.5	5.80	10.3	5.80	10.2	5.90	10.2	5.90	10.3	5.90	10.5	5.90	6.30	10.5	5.70
110.0	10.7	6.80	10.5	6.80	10.5	6.90	10.5	6.80	10.5	6.90	10.7	6.90	7.40	10.8	6.60
115.0	11.2	7.80	11.0	7.70	11.0	7.80	11.0	7.80	11.0	7.90	11.2	8.00	8.50	11.3	7.60
120.0	11.8	8.80	11.5	8.80	11.5	8.90	11.7	8.90	11.7	8.90	11.7	9.00	9.60	11.9	8.70
125.0	12.5	9.90	12.3	9.90	12.2	10.1	12.4	10.0	12.4	10.0	12.5	10.2	10.8	12.6	9.80
130.0	13.4	11.0	13.0	10.9	13.0	11.1	13.2	11.0	13.0	11.0	13.3	11.3	12.0	13.4	10.9
135.0	14.2	12.1	13.9	12.0	13.7	12.2	14.0	12.1	13.9	12.1	14.2	12.5	13.0	14.3	12.0
140.0	15.0	13.2	14.7	13.0	14.7	13.3	14.8	13.0	14.7	13.2	15.0	13.5	14.2	15.2	13.0
145.0	15.8	14.2	15.5	14.1	15.5	14.2	15.6	14.0	15.5	14.2	15.9	14.5	15.2	16.1	14.1
150.0	16.5	15.0	16.3	15.0	16.3	15.2	16.3	15.0	16.2	15.0	16.5	15.5	16.1	16.9	15.2
155.0	17.2	16.0	17.0	15.9	17.1	16.2	17.0	15.8	16.9	16.0	17.4	16.5	17.0	17.7	16.1
160.0	17.9	16.7	17.7	16.6	17.8	17.1	17.7	16.6	17.7	16.7	18.0	17.2	17.8	18.2	16.9
165.0	18.5	17.5	18.2	17.5	18.5	17.8	18.2	17.4	18.2	17.5	18.6	17.9	18.5	18.7	17.5
170.0	19.0	18.0	18.7	18.0	19.0	18.4	18.9	18.0	18.7	18.0	19.0	18.4	19.1	19.2	18.0
175.0	19.4	18.5	19.1	18.4	19.3	18.7	19.4	18.4	19.0	18.4	19.2	18.6	19.3	19.4	18.4
180.0	19.6	18.7	19.2	18.7	19.3	18.9	19.6	18.7	19.1	18.6	19.2	18.7	19.6	19.4	18.7

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 0.8% Flicker 39.7 Temp

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 Standart 3000K 80Ra Opal		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 2924	DIMENSION: 525x112	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1831	1831	1830	1830	1829	1830	1828	1830	1828
5.0	1827	1826	1828	1826	1826	1824	1823	1819	1819
10.0	1800	1796	1802	1797	1800	1793	1796	1787	1788
15.0	1749	1744	1753	1744	1751	1741	1745	1733	1733
20.0	1676	1669	1681	1670	1679	1666	1671	1654	1657
25.0	1586	1577	1592	1579	1590	1574	1581	1562	1565
30.0	1478	1467	1484	1469	1481	1463	1473	1450	1455
35.0	1355	1343	1361	1344	1360	1339	1352	1328	1334
40.0	1229	1213	1233	1214	1231	1210	1225	1199	1207
45.0	1092	1074	1095	1074	1093	1072	1088	1062	1071
50.0	952	931	954	931	952	930	949	921	933
55.0	815	792	814	790	813	791	812	784	797
60.0	675	650	672	648	672	649	673	645	659
65.0	537	510	533	507	533	510	535	507	523
70.0	405	377	398	372	399	377	404	376	392
75.0	274	234	265	230	266	235	274	236	262
80.0	159	123	160	124	159	121	160	121	153
85.0	69.5	47.5	75.8	49.5	73.9	44.4	65.1	35.7	60.3
90.0	17.6	4.90	19.5	5.30	18.5	4.20	15.9	3.40	13.0
95.0	10.9	3.70	10.8	3.70	10.8	3.70	10.9	3.90	10.9
100.0	10.4	4.50	10.2	4.40	10.2	4.50	10.4	4.70	10.5
105.0	10.3	5.40	10.1	5.30	10.1	5.30	10.3	5.60	10.5
110.0	10.5	6.40	10.3	6.30	10.3	6.30	10.5	6.60	10.7
115.0	10.9	7.30	10.7	7.30	10.7	7.30	10.8	7.60	11.2
120.0	11.5	8.40	11.3	8.29	11.3	8.29	11.4	8.60	11.8
125.0	12.2	9.40	11.9	9.40	11.9	9.30	12.1	9.70	12.5
130.0	12.9	10.5	12.7	10.5	12.7	10.5	12.8	10.8	13.3
135.0	13.7	11.7	13.5	11.5	13.5	11.5	13.6	11.9	14.1
140.0	14.5	12.7	14.3	12.6	14.3	12.6	14.4	12.9	14.9
145.0	15.2	13.7	15.0	13.6	15.2	13.6	15.2	13.9	15.7
150.0	16.2	14.7	15.9	14.5	16.0	14.5	16.0	14.9	16.5
155.0	16.9	15.6	16.6	15.6	16.7	15.6	16.7	15.8	17.2
160.0	17.6	16.5	17.4	16.5	17.6	16.5	17.5	16.5	17.8
165.0	18.2	17.2	18.0	17.4	18.1	17.2	18.1	17.2	18.2
170.0	18.7	17.9	18.6	18.1	18.7	17.9	18.7	17.9	18.7
175.0	19.1	18.4	19.1	18.7	19.2	18.2	19.0	18.2	19.1
180.0	19.3	18.7	19.3	19.2	19.3	18.7	19.2	18.7	19.4

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 0.8% Flicker 39.7 Temp