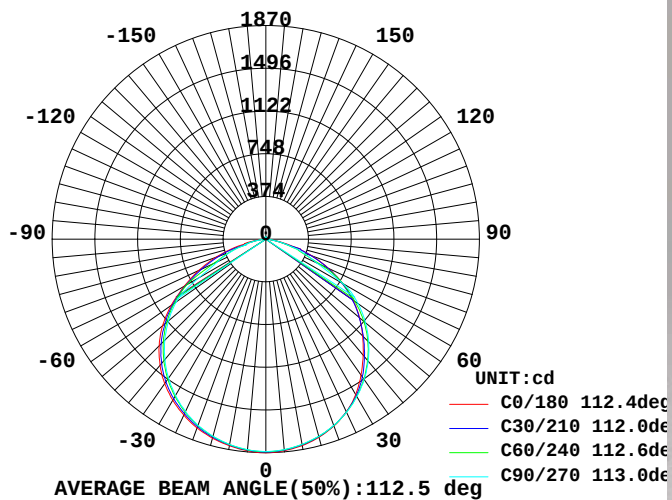


STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PZS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4814	DIMENSION: 525x112x32	SERIAL No.:

MODEL:		Imax(cd):	1870	Effective Flux(lm):	5129.8
NOMINAL POWER(W):	38	MAXIMUM(C, γ):	0, 0.0	EEI	0.101
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	5129.8	η street_up(%):	0.7	Current(A)	0.181
TEST FLUX(lm):	5129.8	η street_down(%):	48.4	Power(W)	38.20
LAMPS QUANTITY:	1	η house_up(%)	0.7	Power Factor	0.954
TOTAL RADIANT(mw):	5129.8	η house_down(%)	50.1	EEFICIENCY(lm/W)	134.3



Temperature:25.3'C
Operators:
Test Date:12-11-2020

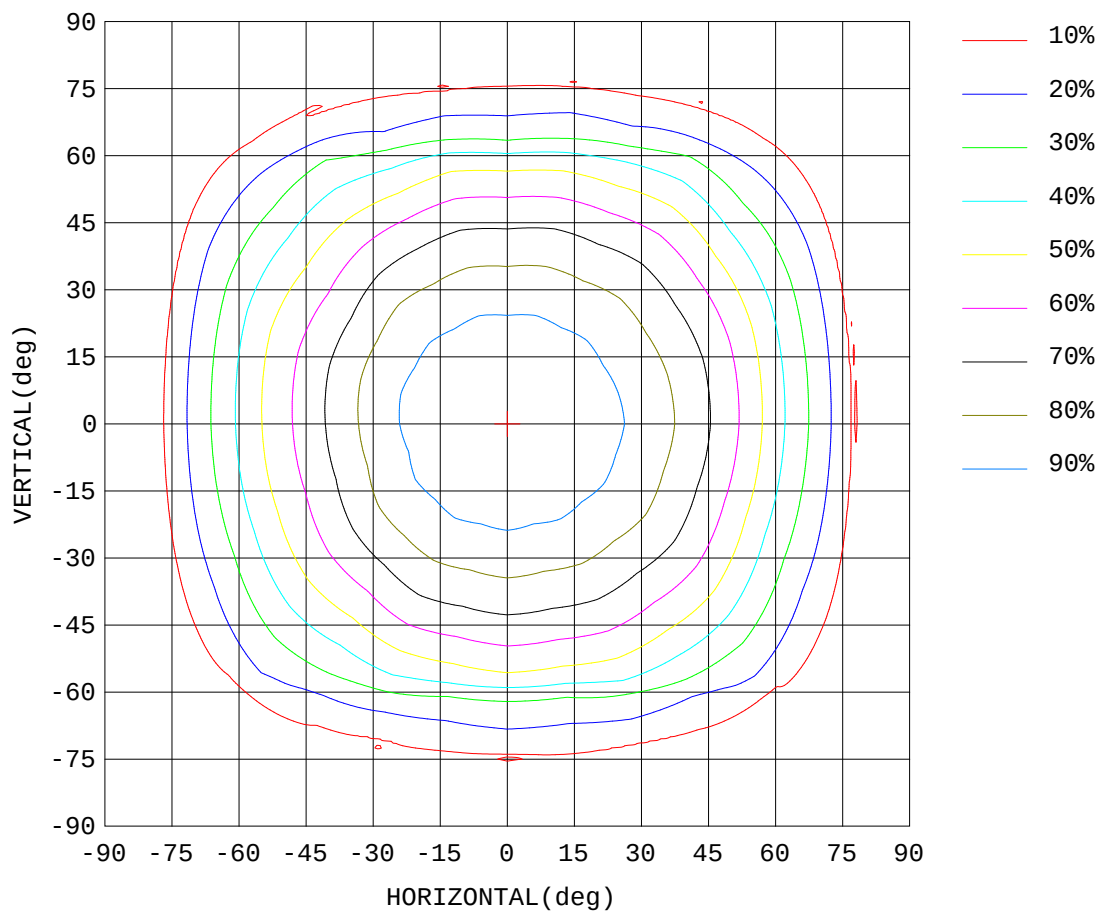
Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 1Flickering Temp 39.6C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PZS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4814	DIMENSION: 525x112x32	SERIAL No.:

UNIT: cd



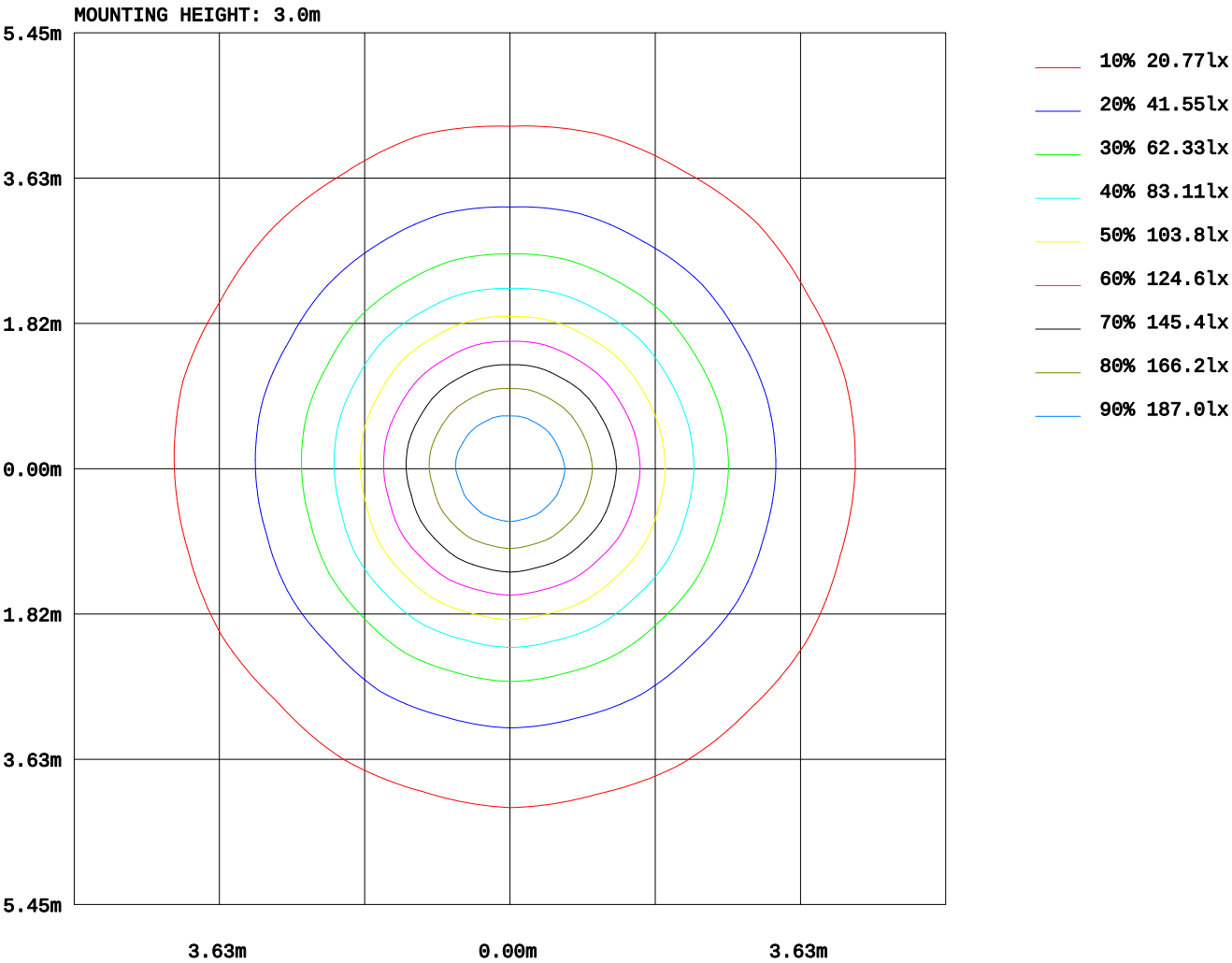
Temperature:25.3'C
Operators:
Test Date:12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 1Flickering Temp 39.6C

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PZS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4814	DIMENSION: 525x112x32	SERIAL No.:



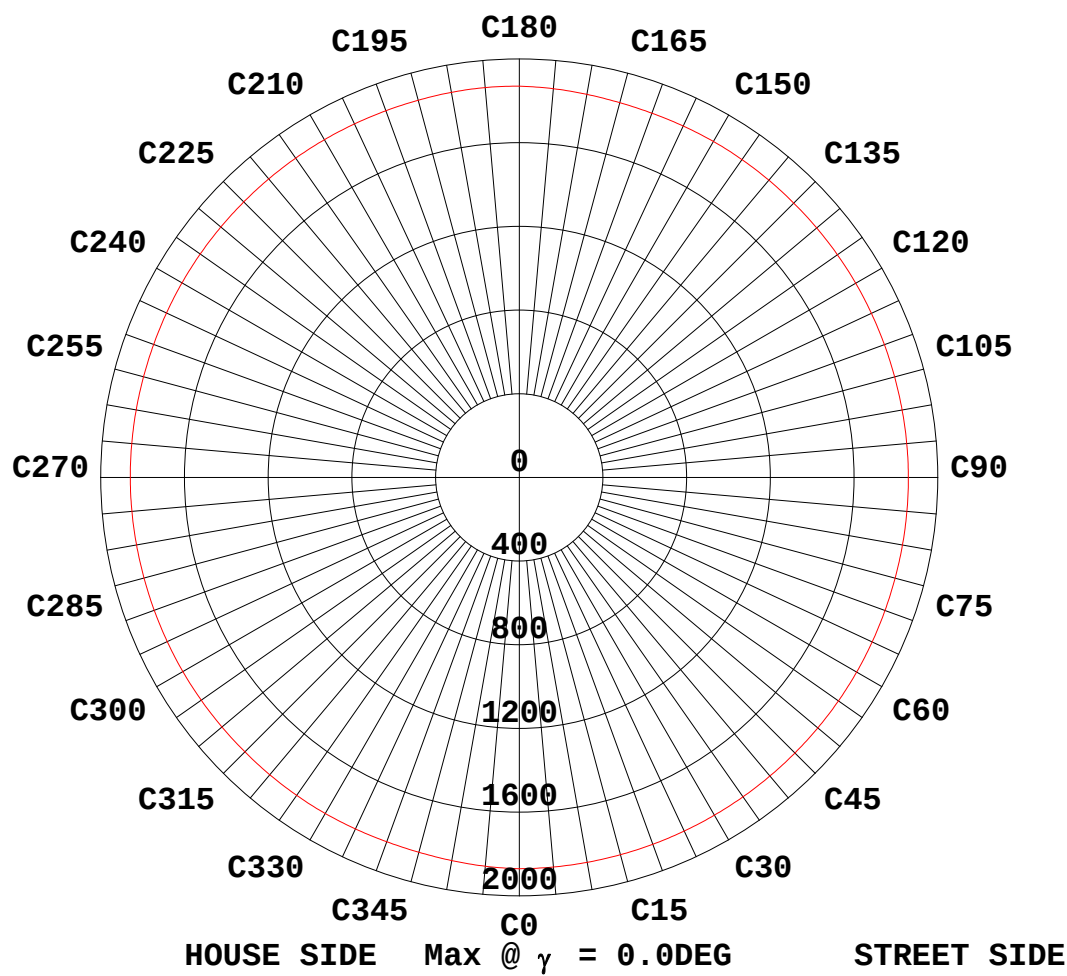
Temperature:25.3'C
Operators:
Test Date:12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 1Flickering Temp 39.6C

ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PZS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4814	DIMENSION: 525x112x32	SERIAL No.:



Temperature: 25.3'C
Operators:
Test Date: 12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity: 65.0%
Test Distance: 10.000 m
Remarks: 81Ra 1Flickering Temp 39.6C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PZS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4814	DIMENSION: 525x112x32	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	1870	1867	1864	1863	1861	1859	1859	1857	1857	1855	1855	1855	1870	1867	1864
5.0	1860	1854	1854	1850	1852	1848	1850	1845	1848	1844	1846	1841	1859	1858	1854
10.0	1837	1829	1830	1824	1827	1821	1825	1820	1824	1819	1824	1817	1835	1837	1829
15.0	1804	1793	1795	1786	1788	1780	1788	1780	1787	1781	1786	1776	1796	1799	1791
20.0	1759	1745	1748	1733	1738	1724	1735	1723	1735	1725	1735	1721	1741	1746	1737
25.0	1700	1685	1687	1669	1671	1655	1665	1654	1667	1655	1665	1650	1668	1678	1668
30.0	1628	1610	1613	1588	1590	1570	1581	1566	1581	1568	1577	1554	1574	1588	1583
35.0	1544	1521	1526	1493	1497	1471	1486	1465	1483	1461	1466	1433	1452	1472	1473
40.0	1441	1417	1421	1386	1389	1363	1375	1353	1368	1335	1335	1308	1325	1354	1343
45.0	1320	1293	1296	1260	1268	1239	1250	1224	1239	1188	1197	1177	1200	1219	1208
50.0	1182	1147	1156	1118	1134	1098	1114	1079	1092	1035	1059	1045	1071	1093	1067
55.0	1011	978	993	964	977	941	957	921	922	880	910	906	931	957	923
60.0	823	784	806	786	798	682	676	676	742	714	748	741	775	798	770
65.0	649	596	620	582	506	447	465	431	473	539	581	563	604	627	596
70.0	465	415	434	316	342	313	326	296	309	313	411	394	430	452	419
75.0	279	230	172	170	187	170	193	155	189	157	168	213	240	279	222
80.0	154	91.9	107	71.0	101	59.3	96.2	55.5	95.2	65.3	99.0	81.8	107	146	83.6
85.0	48.4	18.2	34.0	10.7	23.0	11.3	22.6	10.7	21.6	9.50	30.7	14.8	23.4	39.7	21.1
90.0	13.0	3.60	11.9	3.50	11.3	3.40	11.1	3.50	11.1	3.60	11.7	3.70	4.10	13.5	3.70
95.0	11.4	4.50	10.8	4.30	10.5	4.20	10.3	4.30	10.4	4.50	10.9	4.60	5.00	11.4	4.50
100.0	11.1	5.40	10.5	5.20	10.4	5.20	10.2	5.30	10.4	5.50	10.8	5.60	6.10	11.2	5.50
105.0	11.2	6.50	10.8	6.30	10.5	6.20	10.5	6.40	10.7	6.50	11.1	6.70	7.30	11.4	6.60
110.0	11.5	7.50	11.3	7.40	11.1	7.40	11.1	7.50	11.2	7.70	11.5	7.90	8.60	11.9	7.80
115.0	12.2	8.60	11.8	8.50	11.7	8.50	11.8	8.70	11.8	8.80	12.1	9.00	9.80	12.6	9.00
120.0	12.9	9.80	12.5	9.60	12.4	9.70	12.6	9.80	12.6	9.90	12.9	10.2	11.0	13.3	10.2
125.0	13.7	10.9	13.2	10.7	13.0	10.8	13.3	10.9	13.3	11.0	13.6	11.3	12.2	14.1	11.3
130.0	14.5	12.0	14.0	11.8	13.9	11.9	14.2	12.0	14.1	12.1	14.4	12.5	13.4	14.9	12.3
135.0	15.4	13.0	14.8	12.8	14.7	13.0	14.9	13.0	14.8	13.0	15.2	13.5	14.5	15.7	13.4
140.0	16.2	14.2	15.6	13.7	15.5	14.0	15.7	14.0	15.6	14.1	16.0	14.5	15.4	16.5	14.5
145.0	16.7	15.0	16.4	14.8	16.3	15.0	16.5	14.9	16.4	15.0	16.7	15.6	16.3	17.4	15.4
150.0	17.5	15.9	17.0	15.7	17.1	16.0	17.2	15.8	17.1	15.9	17.5	16.5	17.1	18.0	16.3
155.0	18.0	16.6	17.7	16.5	17.8	16.9	17.8	16.5	17.8	16.6	18.1	17.2	17.8	18.7	17.0
160.0	18.7	17.4	18.2	17.2	18.5	17.7	18.4	17.2	18.2	17.4	18.7	17.9	18.5	19.2	17.7
165.0	19.4	18.0	18.9	18.0	19.0	18.2	19.0	18.0	18.9	18.0	19.2	18.5	19.1	19.6	18.2
170.0	19.9	18.6	19.3	18.6	19.5	18.7	19.6	18.5	19.3	18.6	19.6	18.9	19.6	19.9	18.7
175.0	20.2	19.0	19.6	18.9	19.6	19.1	20.0	18.9	19.6	18.9	19.7	19.1	20.0	20.0	19.0
180.0	20.4	19.4	19.7	19.3	19.6	19.3	20.2	19.3	19.6	19.2	19.7	19.2	20.4	20.0	19.3

Temperature:25.3'C
Operators:
Test Date:12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 1Flickering Temp 39.6C

LUMINOUS DISTRIBUTION INTENSITY DATA

Report number:

MANUFACTURER:			
Address:			
NAME: Element 0.5x1 40W 5000K PZS		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 4814	DIMENSION: 525x112x32	SERIAL No.:

UNIT: cd

C(deg) γ (deg)	225	240	255	270	285	300	315	330	345
0.0	1863	1861	1859	1859	1857	1857	1855	1855	1855
5.0	1854	1851	1852	1850	1850	1847	1847	1844	1844
10.0	1832	1825	1829	1824	1827	1822	1825	1820	1824
15.0	1796	1789	1793	1787	1792	1786	1792	1786	1792
20.0	1746	1737	1744	1736	1743	1738	1748	1742	1748
25.0	1682	1670	1683	1672	1683	1676	1691	1682	1692
30.0	1602	1591	1604	1594	1608	1601	1619	1611	1622
35.0	1507	1495	1514	1499	1520	1510	1536	1525	1541
40.0	1389	1386	1409	1393	1416	1407	1437	1423	1440
45.0	1250	1264	1291	1275	1300	1292	1320	1306	1324
50.0	1105	1119	1161	1138	1170	1156	1189	1167	1191
55.0	951	952	1011	985	1018	1003	1037	1006	1028
60.0	796	779	832	781	838	831	864	822	840
65.0	633	533	529	487	542	587	672	626	661
70.0	401	324	362	342	381	357	429	440	474
75.0	181	190	181	200	242	202	235	241	294
80.0	120	86.5	123	91.6	133	92.4	129	91.6	158
85.0	38.7	15.0	31.0	15.0	33.5	17.0	44.2	24.7	45.5
90.0	13.9	3.60	15.2	3.70	15.8	4.00	15.0	3.90	14.9
95.0	10.9	4.20	10.5	4.00	10.5	4.10	10.8	4.20	11.2
100.0	10.7	5.20	10.4	5.00	10.4	5.00	10.5	5.20	11.0
105.0	11.0	6.30	10.5	6.10	10.5	6.10	10.8	6.20	11.1
110.0	11.5	7.50	11.1	7.30	11.1	7.30	11.2	7.40	11.5
115.0	12.2	8.70	11.8	8.60	11.8	8.40	11.8	8.50	12.0
120.0	12.8	9.80	12.6	9.70	12.4	9.50	12.4	9.60	12.7
125.0	13.6	10.9	13.3	10.9	13.2	10.5	13.2	10.7	13.5
130.0	14.3	12.0	14.1	12.0	14.0	11.7	14.0	11.8	14.3
135.0	15.2	13.0	14.9	13.0	14.8	12.8	14.8	12.9	15.2
140.0	15.9	14.0	15.6	14.0	15.6	13.7	15.5	13.9	15.9
145.0	16.6	15.0	16.4	15.0	16.4	14.8	16.3	14.9	16.6
150.0	17.4	15.8	17.1	15.9	17.2	15.8	17.0	15.7	17.2
155.0	17.9	16.5	17.8	16.6	18.0	16.5	17.7	16.5	17.9
160.0	18.5	17.2	18.4	17.4	18.6	17.2	18.2	17.2	18.5
165.0	19.0	17.9	18.7	18.0	19.2	18.0	18.9	17.9	18.9
170.0	19.4	18.5	19.3	18.7	19.6	18.6	19.3	18.4	19.3
175.0	19.6	18.9	19.6	19.3	19.9	18.9	19.6	18.7	19.6
180.0	19.7	19.2	19.7	19.6	19.9	19.2	19.7	19.3	19.7

Temperature:25.3'C
Operators:
Test Date:12-11-2020

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:10.000 m
Remarks: 81Ra 1Flickering Temp 39.6C