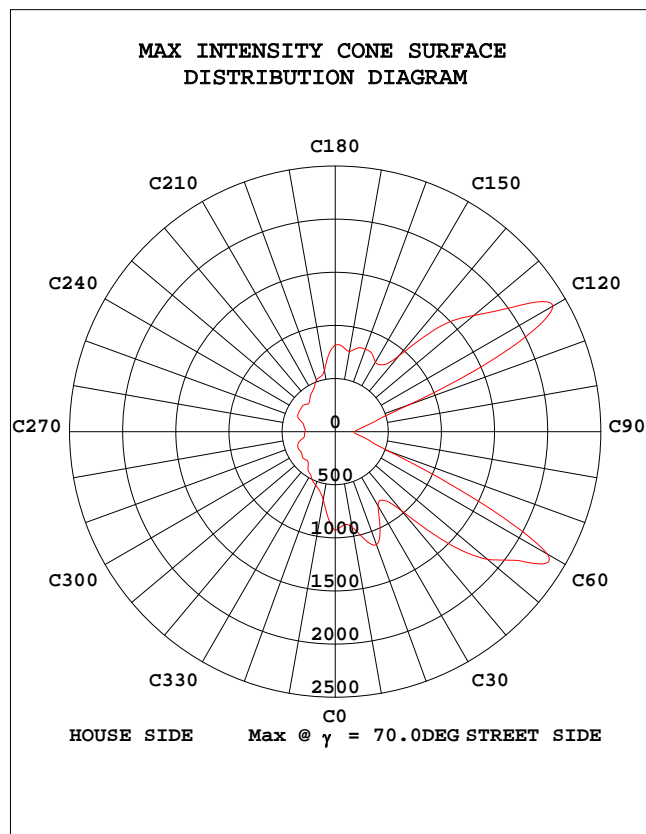
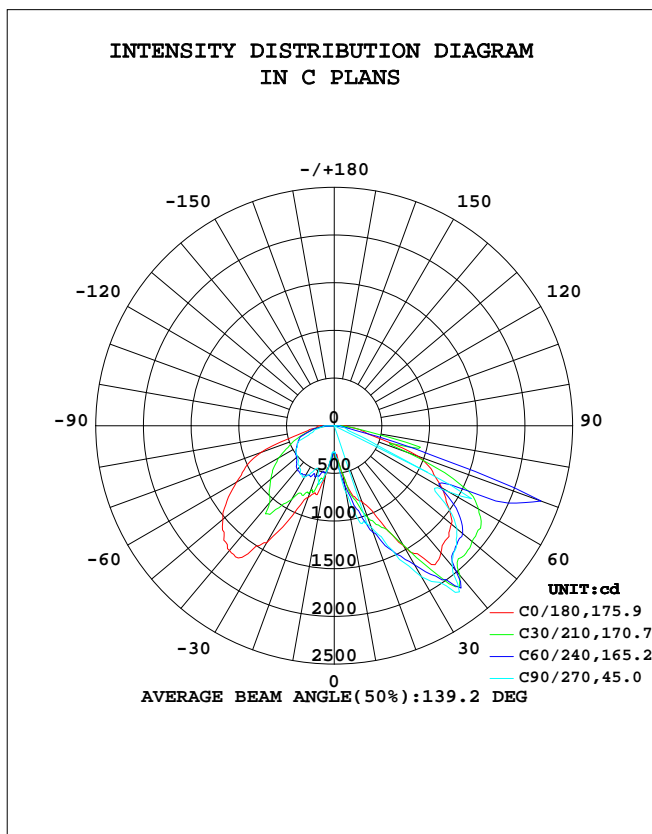


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.98V I:0.1895A P:41.210W PF:0.9886 Freq:50.00Hz Lamp Flux:5251.79x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.44 lm/W			
MODEL	NW-G15-40	I _{max} (cd)	2365	η street_up(%)	0.0
NOMINAL POWER(W)	40	LOR(%)	100.0	η street_down(%)	66.0
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	5252	η house_up(%)	0.0
NOMINAL FLUX(lm)	5251.79	MAXIMUM @(C,γ)	120,70.0	η house_down(%)	34.0
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	220	η down(%)	100.0	SLI	21.021

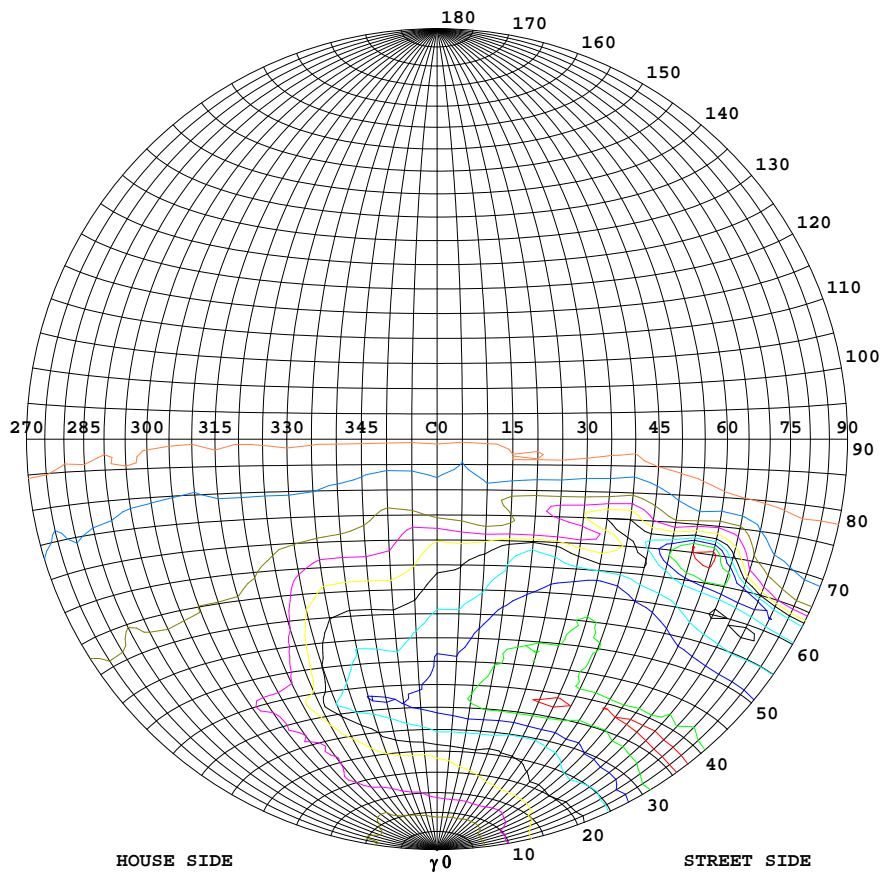


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date:28 June 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 59.4%
Test Distance:26.000m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:219.98V I:0.1895A P:41.210W PF:0.9886 Freq:50.00Hz Lamp Flux:5251.79x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/



Classification:

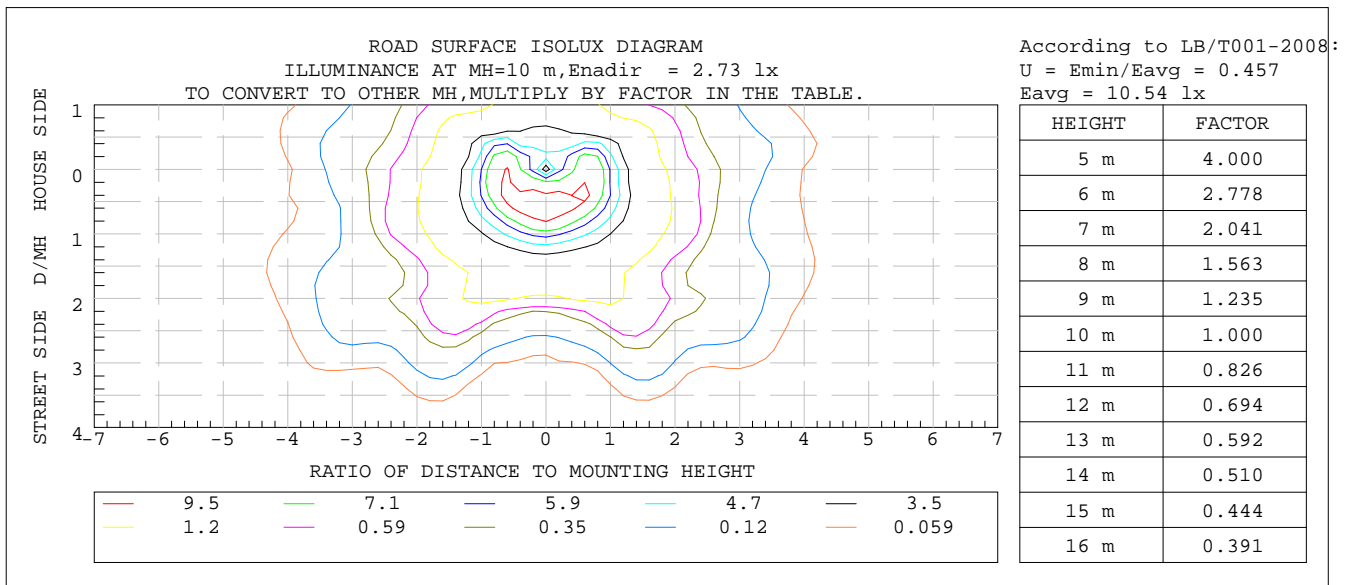
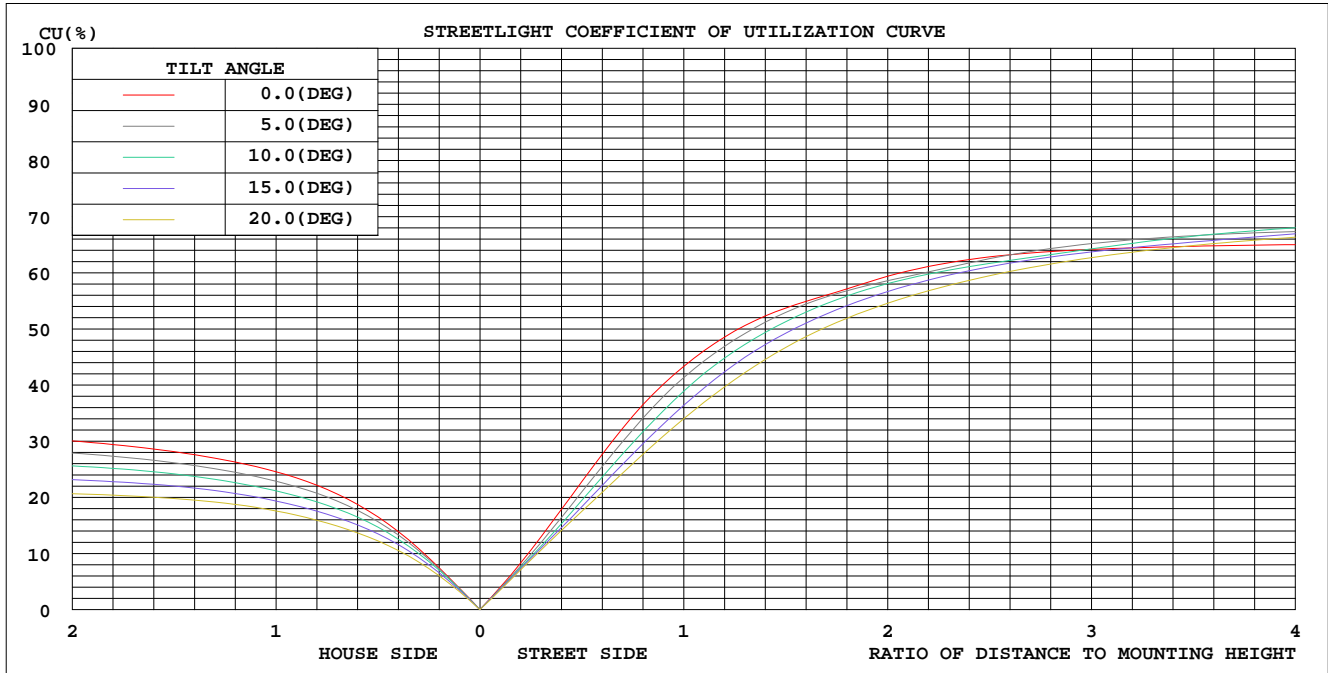
IES:Type V - Short
 CIE:Broad - Long
 IES:Full cut-off
 CIE:Semi-cut-off
 Max.At80:80.51cd/klm
 Max.At90:0cd/klm
 Max.80-90:80.51cd/klm
 NRB 5101:Semi limited[14.8%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	2365
90%	2129
80%	1892
70%	1656
60%	1419
50%	1183
40%	946
30%	710
20%	473
10%	237
5%	118

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 27.4DEG
 Operators:
 Test Date:28 June 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 59.4%
 Test Distance:26.000m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date: 28 June 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 59.4%
Test Distance: 26.000m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:219.98V I:0.1895A P:41.210W PF:0.9886 Freq:50.00Hz Lamp Flux:5251.79x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

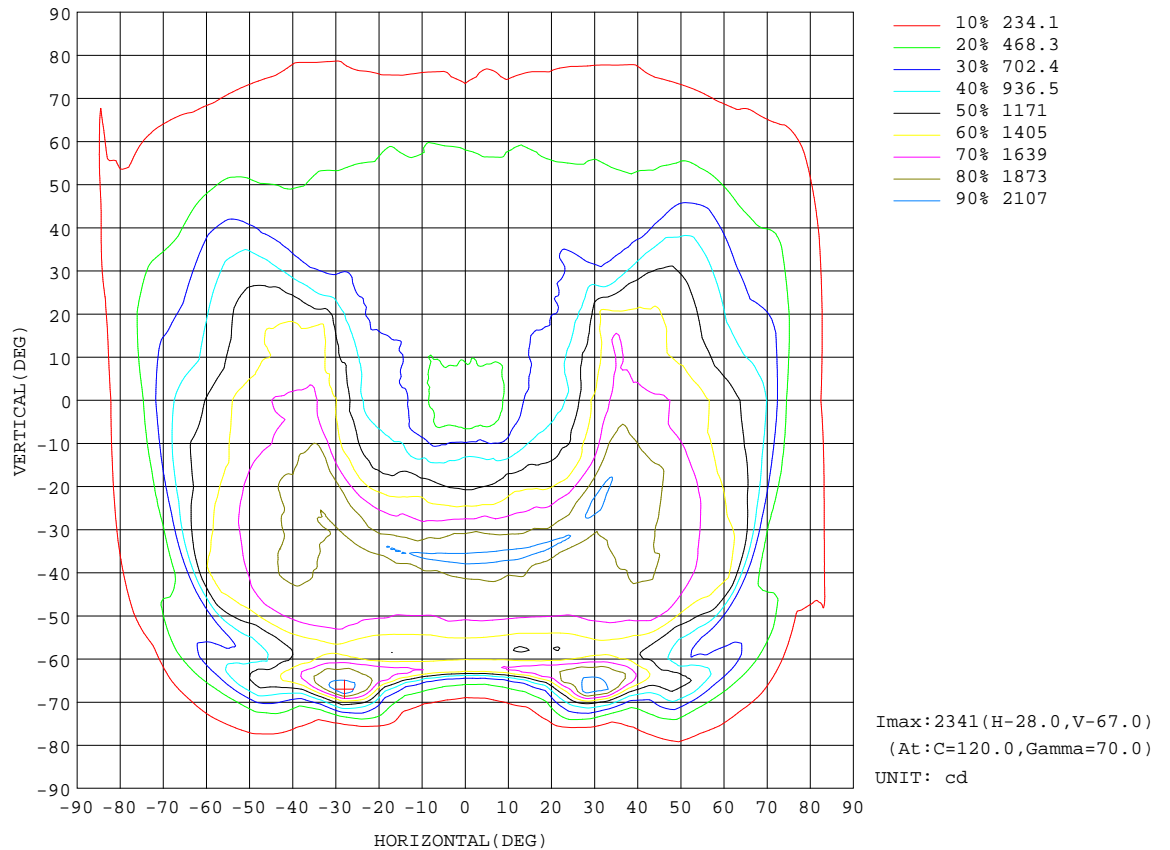
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	535.3	549.1	707.4	519.9	524.8	412.4	516.9	409.3	0- 10	39.58	39.58	0.75,0.75
20	845.5	1114	1131	1079	800.0	666.6	481.6	660.9	10- 20	207.5	247.0	4.7,4.7
30	1451	1527	1827	1473	1420	641.8	626.9	655.8	20- 30	471.0	718.0	13.7,13.7
40	1739	2013	1926	1908	1708	686.4	565.6	778.9	30- 40	882.3	1600	30.5,30.5
50	1604	1788	1681	1845	1525	540.0	501.1	575.8	40- 50	1042	2643	50.3,50.3
60	1301	1649	1385	1688	1185	460.3	446.7	481.1	50- 60	1057	3700	70.5,70.5
70	930.4	1461	181.1	1408	813.9	368.3	283.5	381.0	60- 70	926.9	4627	88.1,88.1
80	287.7	300.4	98.74	282.5	274.3	222.5	175.2	217.0	70- 80	470.4	5098	97.1,97.1
90	0	0	0	0	0	0	0	0	80- 90	154.1	5252	100,100
100	0	0	0	0	0	0	0	0	90-100	0	5252	100,100
110	0	0	0	0	0	0	0	0	100-110	0	5252	100,100
120	0	0	0	0	0	0	0	0	110-120	0	5252	100,100
130	0	0	0	0	0	0	0	0	120-130	0	5252	100,100
140	0	0	0	0	0	0	0	0	130-140	0	5252	100,100
150	0	0	0	0	0	0	0	0	140-150	0	5252	100,100
160	0	0	0	0	0	0	0	0	150-160	0	5252	100,100
170	0	0	0	0	0	0	0	0	160-170	0	5252	100,100
180	0	0	0	0	0	0	0	0	170-180	0	5252	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date:28 June 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 59.4%
Test Distance:26.000m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

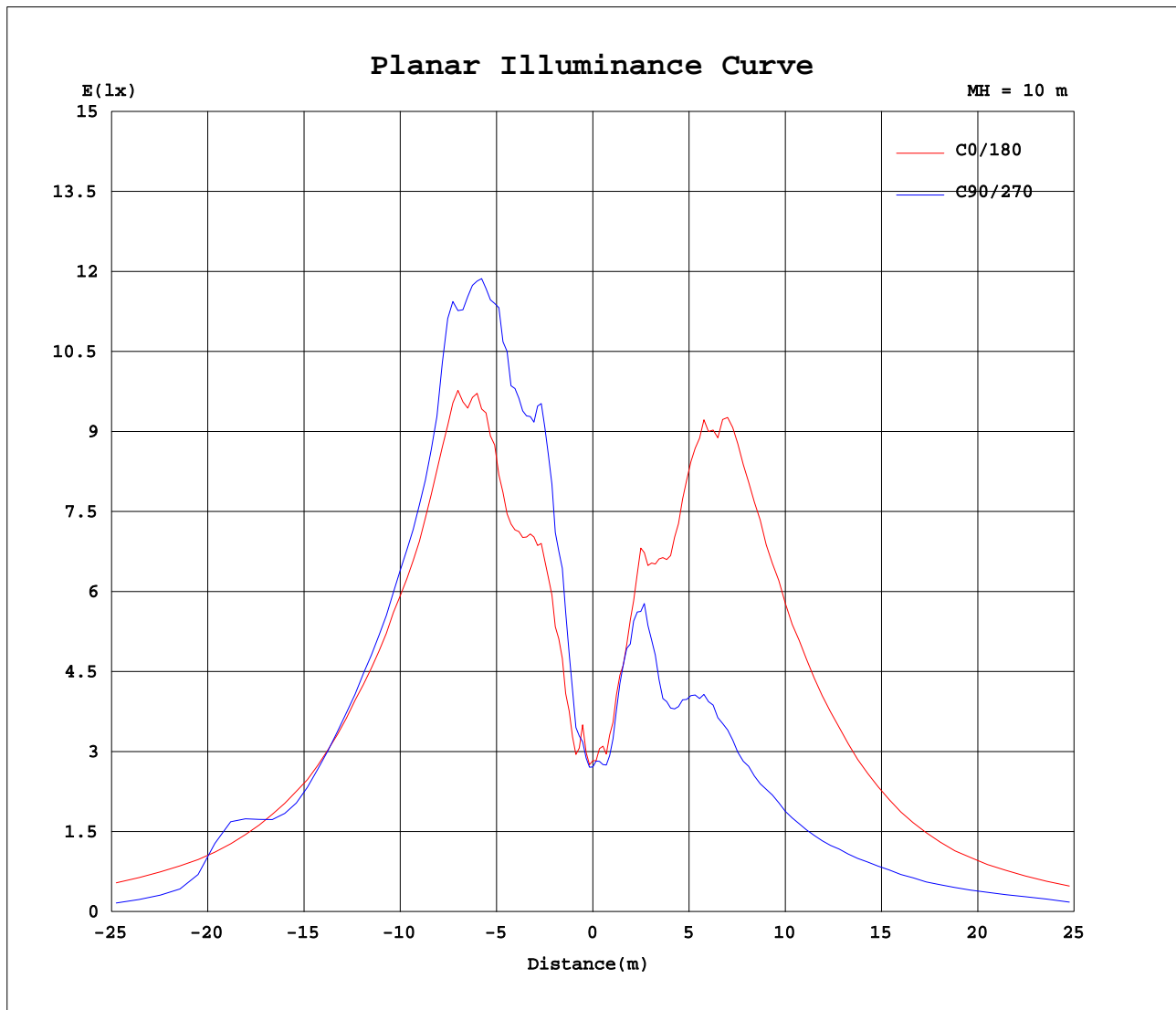
Test:U:219.98V I:0.1895A P:41.210W PF:0.9886 Freq:50.00Hz Lamp Flux:5251.79x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date:28 June 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 59.4%
Test Distance:26.000m [K=1.0000]
Remarks:

Planar Illuminance Curve

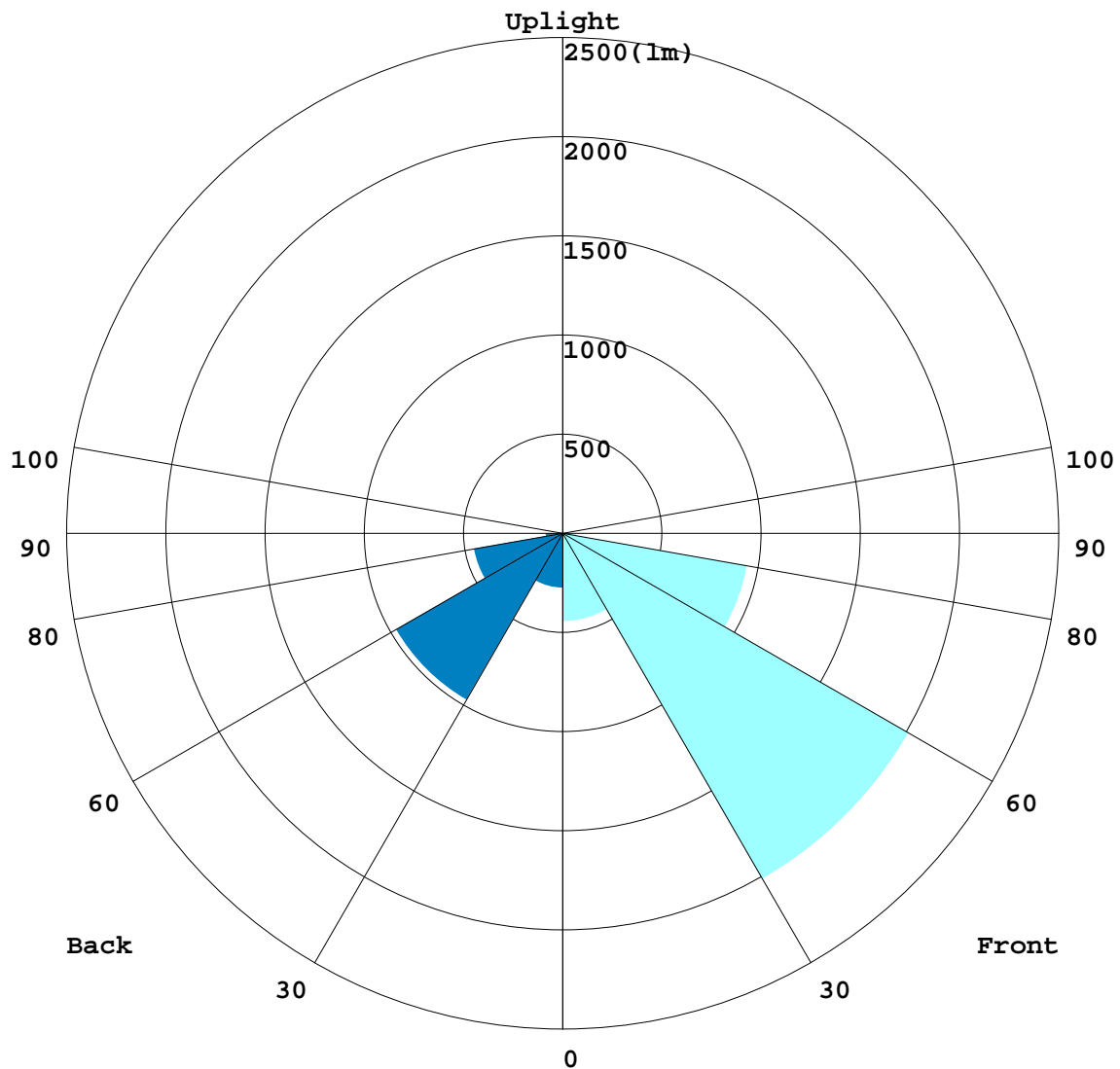


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date: 28 June 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 59.4%
Test Distance: 26.000m [K=1.0000]
Remarks:

LCS REPORT

Test:U:219.98V I:0.1895A P:41.210W PF:0.9886 Freq:50.00Hz Lamp Flux:5251.79x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 27.4DEG
 Operators:
 Test Date:28 June 2019

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
 Humidity: 59.4%
 Test Distance:26.000m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:219.98V I:0.1895A P:41.210W PF:0.9886 Freq:50.00Hz Lamp Flux:5251.79x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	443.46	8.4
FM - Front-Medium(30-60)	2012.6	38.3
FH - Front-High(60-80)	943.5	18.0
FVH - Front-Very High(80-90)	68.209	1.3
Total Forward Light	3467.8	66.0

BL - Back-Low(0-30)	274.57	5.2
BM - Back-Medium(30-60)	969.68	18.5
BH - Back-High(60-80)	453.84	8.6
BVH - Back-Very High(80-90)	85.922	1.6
Total Back Light	1784	34.0

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	0	0.0
Total Up Light	0	0.0

BUG(Back,Up,Glare) Rating	B1-U0-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1784	0	1784
Street Side	3467.8	0	3467.8

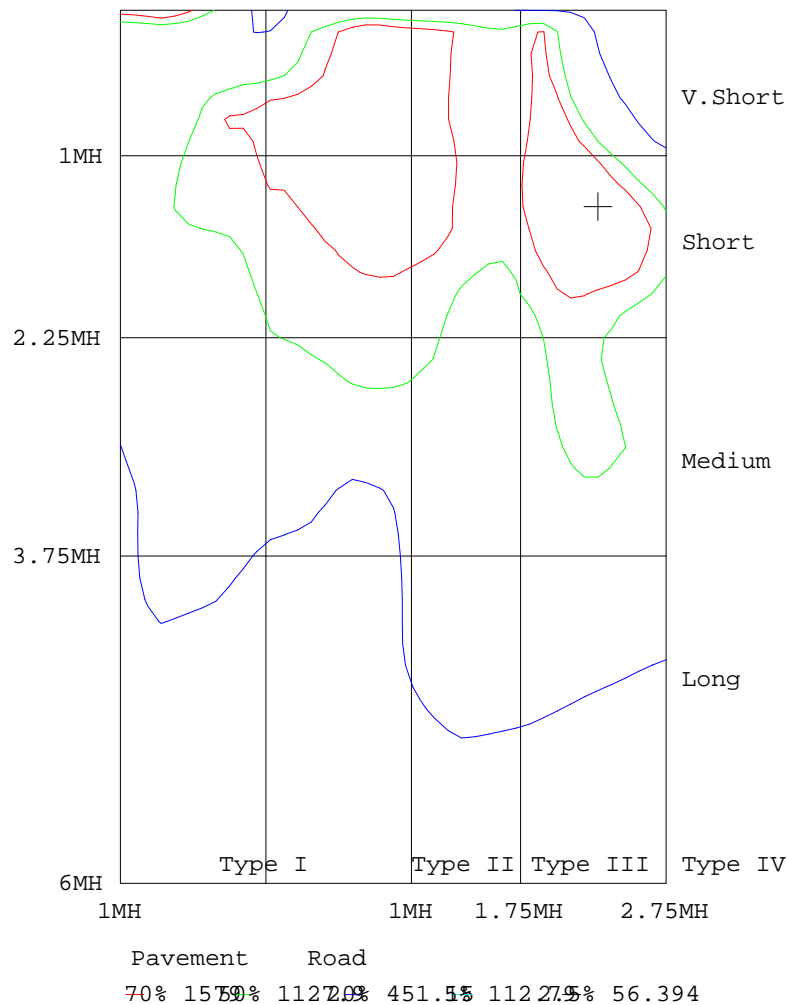
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date:28 June 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 59.4%
Test Distance:26.000m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:219.98V I:0.1895A P:41.210W PF:0.9886 Freq:50.00Hz Lamp Flux:5251.79x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 27.4DEG
Operators:
Test Date:28 June 2019

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13
Humidity: 59.4%
Test Distance:26.000m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.98V I:0.1895A P:41.210W PF:0.9886 Freq:50.00Hz Lamp Flux:5251.79x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	283	283	282	282	281	281	280	278	275	274	274	274	273	271	270	271	271	271	271
5	298	303	320	328	331	341	345	367	381	401	424	396	409	383	397	359	368	364	349
10	535	540	560	550	528	524	522	509	530	549	550	605	640	673	734	700	722	723	707
15	766	784	791	781	770	781	791	793	841	863	853	816	900	950	951	979	1025	1049	1057
20	846	870	887	923	954	979	1023	1058	1061	1114	1136	1156	1188	1164	1151	1139	1144	1156	1131
25	1056	1066	1093	1124	1135	1172	1177	1195	1217	1291	1348	1426	1447	1425	1417	1404	1445	1442	1435
30	1451	1460	1462	1451	1439	1435	1438	1460	1513	1527	1563	1668	1685	1716	1748	1732	1796	1839	1827
35	1778	1796	1821	1916	1917	1933	1932	1940	1905	1860	1882	1875	1974	1932	2001	2016	2041	2053	2050
40	1739	1751	1845	2006	1989	2022	2051	2086	2029	2013	2011	1954	1982	1942	1964	1907	1932	1921	1926
45	1675	1662	1748	1886	1904	1909	1926	1921	1870	1776	1805	1816	1798	1791	1816	1796	1815	1820	1810
50	1604	1596	1686	1842	1862	1887	1887	1925	1904	1788	1801	1773	1758	1700	1711	1700	1701	1681	1681
55	1454	1447	1557	1727	1794	1833	1873	1911	1873	1751	1751	1688	1586	1530	1465	1402	1408	1415	1416
60	1301	1297	1402	1562	1635	1703	1748	1788	1795	1649	1576	1437	1285	1156	1188	1218	1313	1366	1385
65	1139	1176	1267	1421	1489	1500	1460	1409	1351	1256	1306	1558	1869	1883	1810	1160	709	571	563
70	930	886	912	1042	1132	998	808	789	972	1461	1871	2117	2308	1272	536	342	250	189	181
75	428	422	373	467	599	747	919	1184	1190	727	529	603	658	536	242	144	145	139	137
80	288	376	284	338	358	364	366	372	423	300	202	162	139	120	113	107	97.3	97.9	98.7
85	160	242	145	128	142	148	156	164	151	117	96.7	82.3	73.1	68.8	69.0	66.5	62.6	60.2	60.4
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 27.4DEG

Operators:

Test Date:28 June 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 59.4%

Test Distance:26.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.98V I:0.1895A P:41.210W PF:0.9886 Freq:50.00Hz Lamp Flux:5251.79x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	271	272	272	272	273	274	274	275	274	273	275	276	276	276	276	275	275	283	283
5	376	380	394	393	417	411	387	389	375	350	335	334	328	321	318	335	336	335	330
10	721	711	693	677	659	588	568	529	520	498	538	562	548	541	537	518	538	525	514
15	999	963	980	881	867	849	850	869	824	771	770	746	772	773	745	747	759	747	716
20	1145	1142	1150	1154	1154	1139	1137	1112	1079	1070	1006	969	955	909	857	835	814	800	780
25	1419	1425	1408	1389	1441	1391	1367	1299	1213	1154	1152	1139	1108	1088	1068	1046	1058	1039	1011
30	1795	1719	1700	1646	1663	1657	1574	1537	1473	1423	1391	1403	1410	1376	1370	1400	1392	1420	1338
35	2032	2009	1961	1909	1904	1867	1786	1774	1813	1795	1871	1895	1867	1903	1850	1738	1693	1686	1626
40	1900	1870	1891	1843	1905	1881	1932	1945	1908	1929	1934	1956	1909	1936	1872	1722	1673	1708	1569
45	1777	1765	1732	1746	1757	1767	1803	1812	1811	1872	1923	1902	1895	1901	1809	1655	1607	1634	1492
50	1676	1653	1667	1664	1719	1730	1818	1824	1845	1904	1919	1879	1863	1843	1756	1573	1538	1525	1387
55	1419	1392	1426	1486	1549	1641	1767	1800	1815	1883	1890	1852	1779	1724	1598	1435	1400	1373	1227
60	1347	1281	1225	1166	1223	1355	1523	1609	1688	1746	1739	1696	1632	1565	1447	1299	1263	1185	1024
65	616	856	1422	1748	1816	1815	1532	1295	1240	1239	1328	1430	1475	1430	1317	1162	1140	1027	856
70	211	274	401	721	1716	2365	2047	1703	1408	930	771	757	814	826	817	768	805	814	725
75	151	140	158	368	544	561	444	479	789	1098	1071	891	744	585	444	415	402	445	591
80	95.8	106	110	117	125	138	160	205	283	312	304	296	271	264	251	275	294	274	370
85	61.8	65.7	70.6	73.9	73.7	76.8	86.3	101	122	150	141	127	121	125	131	169	185	185	270
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 27.4DEG

Operators:

Test Date:28 June 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 59.4%

Test Distance:26.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.98V I:0.1895A P:41.210W PF:0.9886 Freq:50.00Hz Lamp Flux:5251.79x1 lm		
NAME: LED STREET LIGHT	TYPE:LED	WEIGHT:/
SPEC.:/	DIM.: /	SERIAL No.:/
MFR.:	SUR.:/	Shielding Angle:/

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	282	282	281	281	280	278	275	274	274	273	271	270	271	271	271	271	271	271	272
5	331	343	345	352	345	336	320	335	352	356	418	365	357	351	315	350	296	330	311
10	512	514	491	475	474	449	444	412	403	454	502	504	520	542	517	487	517	490	463
15	706	686	655	617	590	601	590	560	575	509	506	516	563	591	574	556	641	567	596
20	771	749	763	761	733	729	724	667	635	564	569	577	541	508	520	485	482	507	521
25	973	934	906	838	803	731	660	618	609	563	591	558	561	539	526	525	534	538	544
30	1279	1178	1111	1001	895	777	663	642	615	618	600	582	584	610	593	603	627	604	619
35	1583	1514	1435	1269	1072	862	725	664	633	631	619	582	619	615	596	590	620	602	627
40	1526	1537	1430	1282	1052	826	730	686	659	618	598	579	590	564	592	563	566	580	597
45	1440	1467	1388	1243	965	721	637	597	585	568	557	551	544	544	551	530	532	553	549
50	1357	1359	1313	1156	871	651	577	540	543	524	519	524	518	517	522	516	501	522	509
55	1200	1224	1176	1041	780	593	518	496	508	489	492	493	493	491	473	493	492	481	485
60	999	1016	993	899	672	523	471	460	469	457	457	457	473	444	470	462	447	444	453
65	805	792	786	693	533	462	422	417	434	428	419	426	436	434	438	429	424	423	432
70	589	536	519	467	435	410	377	368	391	390	391	387	368	317	300	286	283	292	299
75	466	380	342	321	321	321	295	305	332	334	306	298	260	245	247	239	224	243	231
80	300	271	257	229	220	223	221	222	249	241	237	215	207	202	197	197	175	185	192
85	195	176	162	145	142	151	155	146	162	148	138	135	135	130	128	127	113	116	127
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 27.4DEG

Operators:

Test Date:28 June 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 59.4%

Test Distance:26.000m [K=1.0000]

Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.98V I:0.1895A P:41.210W PF:0.9886 Freq:50.00Hz Lamp Flux:5251.79x1 lm																	
NAME: LED STREET LIGHT									TYPE:LED						WEIGHT:/		
SPEC.:/									DIM.: /						SERIAL No.:/		
MFR.:									SUR.:/						Shielding Angle:/		

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	272	272	273	274	274	275	274	273	275	276	276	276	276	275	275				
5	315	311	320	357	338	385	357	347	327	311	308	301	295	292	297				
10	484	509	504	477	465	429	409	434	454	471	480	485	502	494	509				
15	585	524	544	493	545	581	620	619	618	619	652	675	693	704	729				
20	521	537	537	605	616	636	661	709	751	765	765	755	795	827	823				
25	556	576	577	582	592	641	680	709	767	841	909	944	970	989	1006				
30	620	603	614	611	615	644	656	750	847	975	1115	1187	1262	1327	1363				
35	628	630	632	628	648	693	744	822	999	1221	1434	1525	1551	1621	1694				
40	596	616	617	650	694	753	779	828	973	1296	1463	1559	1593	1546	1640				
45	565	568	550	560	584	605	619	673	814	1195	1382	1450	1454	1452	1545				
50	529	526	519	517	537	542	576	617	750	1111	1300	1367	1373	1350	1446				
55	499	496	491	493	505	506	516	560	683	987	1173	1220	1233	1220	1290				
60	469	457	446	459	474	476	481	507	602	846	996	1032	1025	1016	1102				
65	436	429	426	428	432	438	442	462	519	665	792	802	802	830	937				
70	349	376	382	376	382	392	381	396	447	466	509	537	575	654	807				
75	245	269	303	320	341	332	312	320	331	324	326	355	423	527	529				
80	190	192	211	225	232	244	217	221	218	218	234	256	278	296	306				
85	124	121	123	137	149	156	148	159	152	152	150	169	184	209	207				
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: MEDIUM

Temperature: 27.4DEG

Operators:

Test Date:28 June 2019

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.407.13

Humidity: 59.4%

Test Distance:26.000m [K=1.0000]

Remarks: