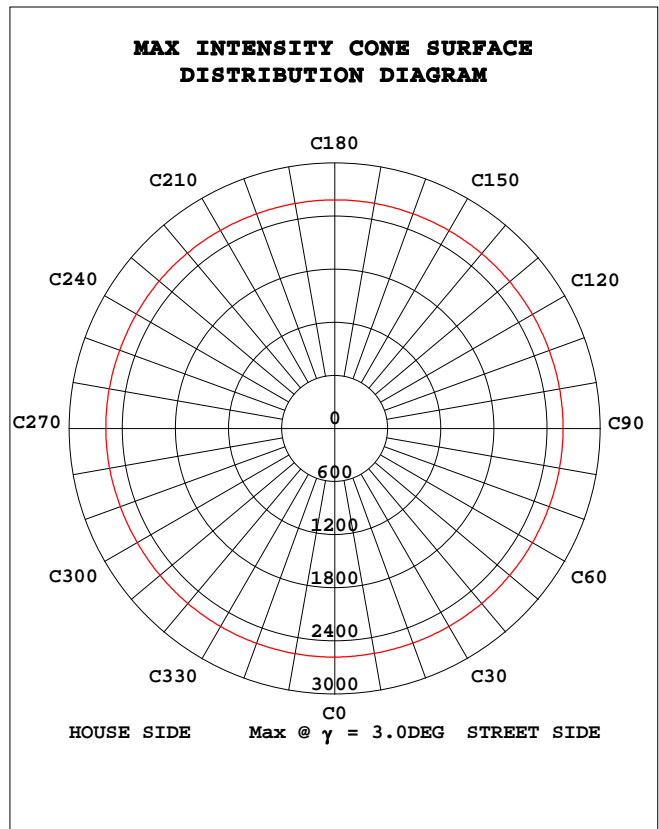
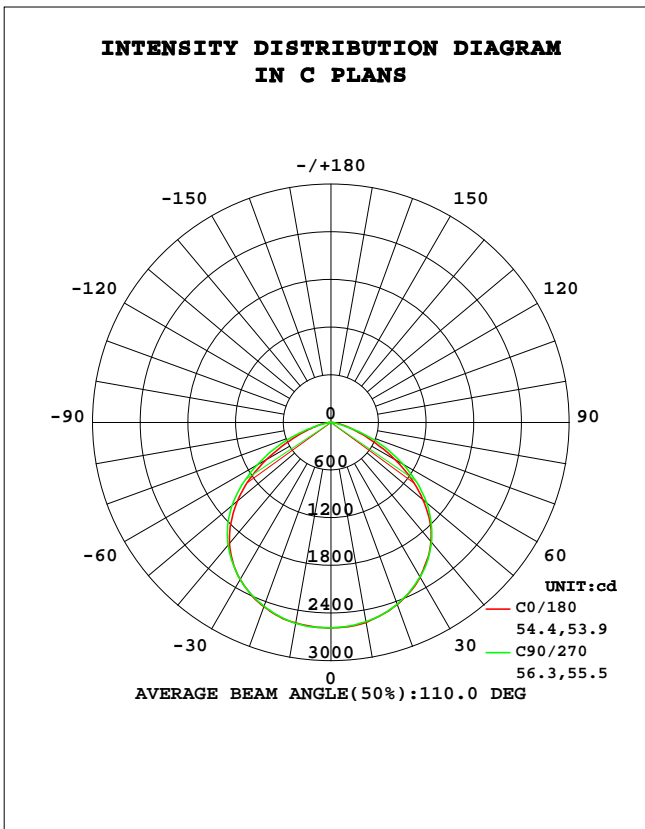


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:277.0V I:0.2044A P:50.852W PF:0.8979 Freq:50.00Hz Lamp Flux:6843.73x1 lm		
NAME: SNC-FL06-50WAT1A1-40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: SNC OPTO ELECTRONIC CO.,LTD	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 134.59 lm/W			
MODEL	SNC-FL06-50WAT1A1-40K	Imax(cd)	2592	η street_up(%)	0.1
NOMINAL POWER(W)	50	LOR(%)	100.0	η street_down(%)	49.5
RATED VOLTAGE(V)	277	TOTAL FLUX(lm)	6844	η house_up(%)	0.1
NOMINAL FLUX(lm)	6843.73	MAXIMUM @(C, γ)	225,3.0	η house_down(%)	50.3
LAMPS INSIDE	1	η up(%)	0.2	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	277.0	η down(%)	99.8	SLI	18.094

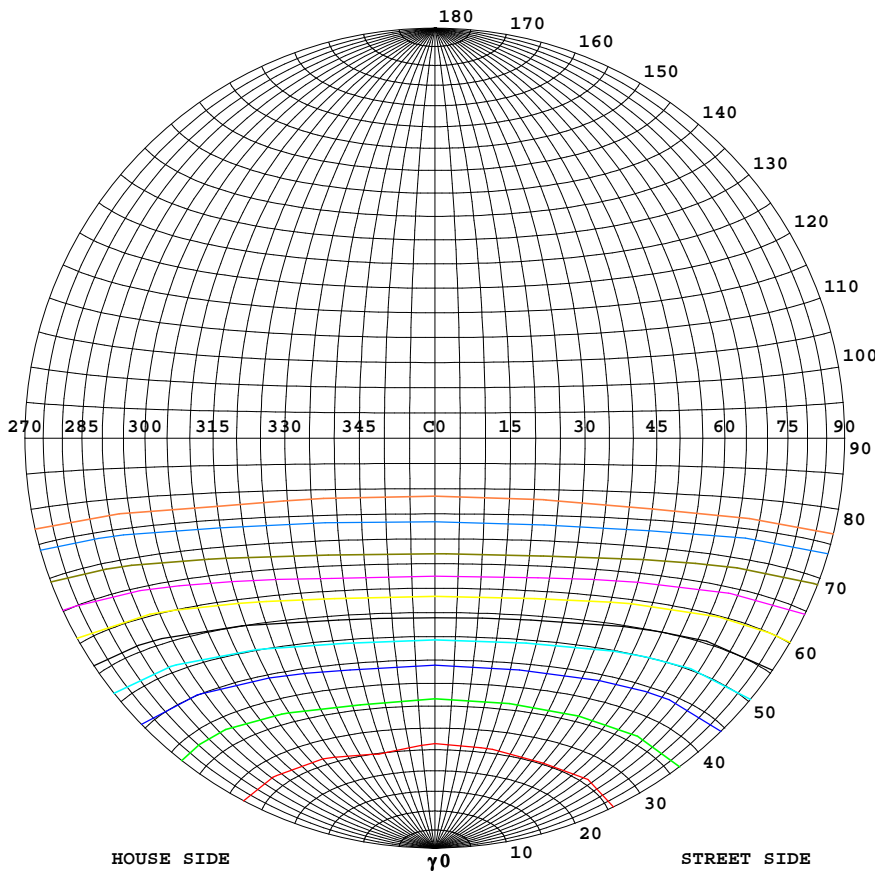


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:Leo
 Test Date:2017-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.284
 Humidity:44.8%
 Test Distance:26.000m [K=1.3312]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:277.0V I:0.2044A P:50.852W PF:0.8979 Freq:50.00Hz Lamp Flux:6843.73x1 lm		
NAME: SNC-FL06-50WAT1A1-40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: SNC OPTO ELECTRONIC CO.,LTD	SUR.:	Shielding Angle:



Classification:

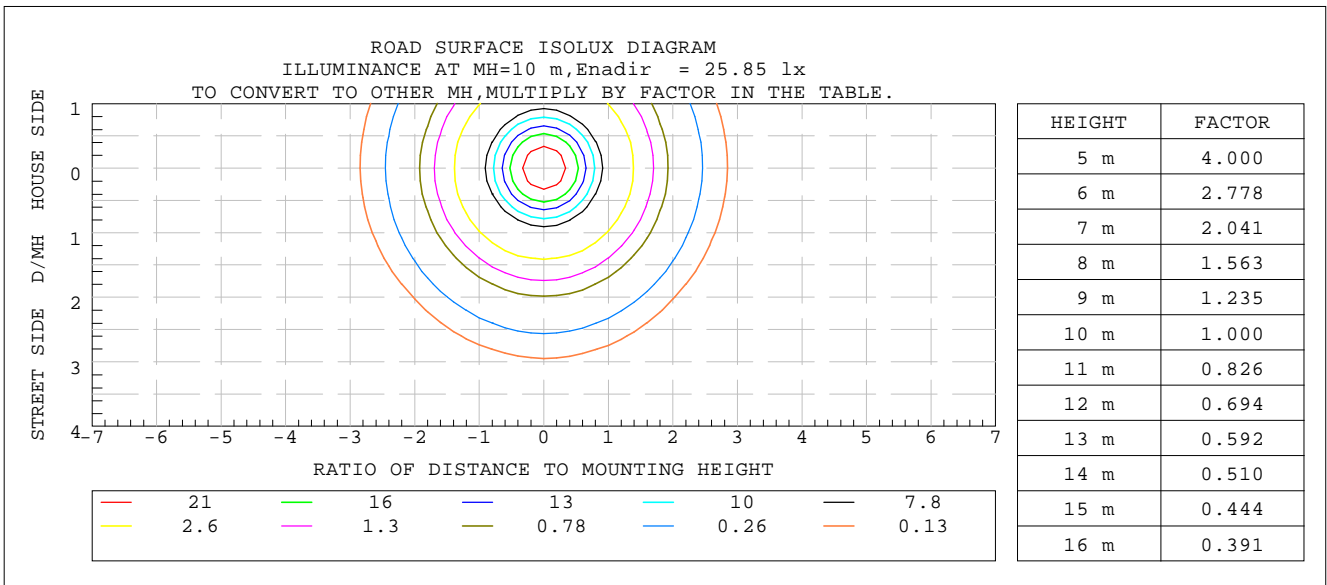
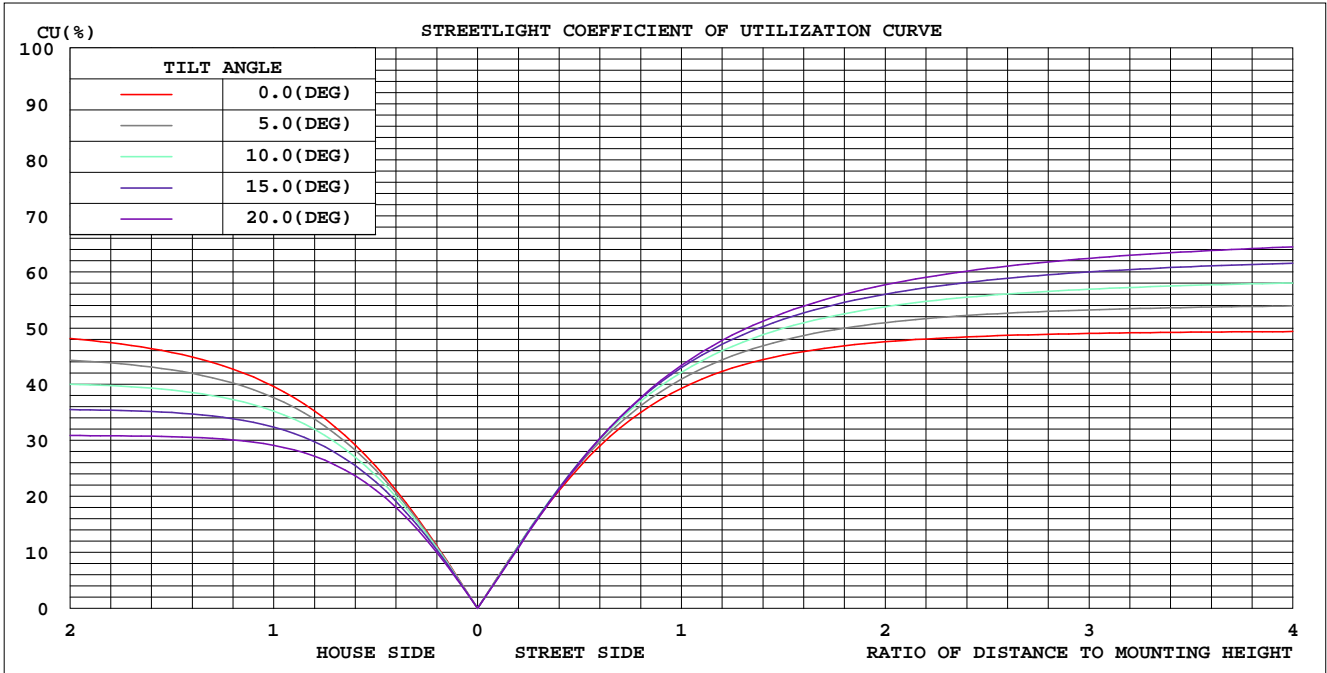
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:13.47cd/klm
 Max.At90:0cd/klm
 Max.80-90:13.47cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	2592
90%	2333
80%	2073
70%	1814
60%	1555
50%	1296
40%	1037
30%	778
20%	518
10%	259
5%	130

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:27.3DEG
 Operators:Leo
 Test Date:2017-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.284
 Humidity:44.8%
 Test Distance:26.000m [K=1.3312]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.3DEG
Operators: Leo
Test Date: 2017-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.284
Humidity: 44.8%
Test Distance: 26.000m [K=1.3312]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:277.0V I:0.2044A P:50.852W PF:0.8979 Freq:50.00Hz Lamp Flux:6843.73x1 lm		
NAME: SNC-FL06-50WAT1A1-40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: SNC OPTO ELECTRONIC CO.,LTD	SUR.:	Shielding Angle:

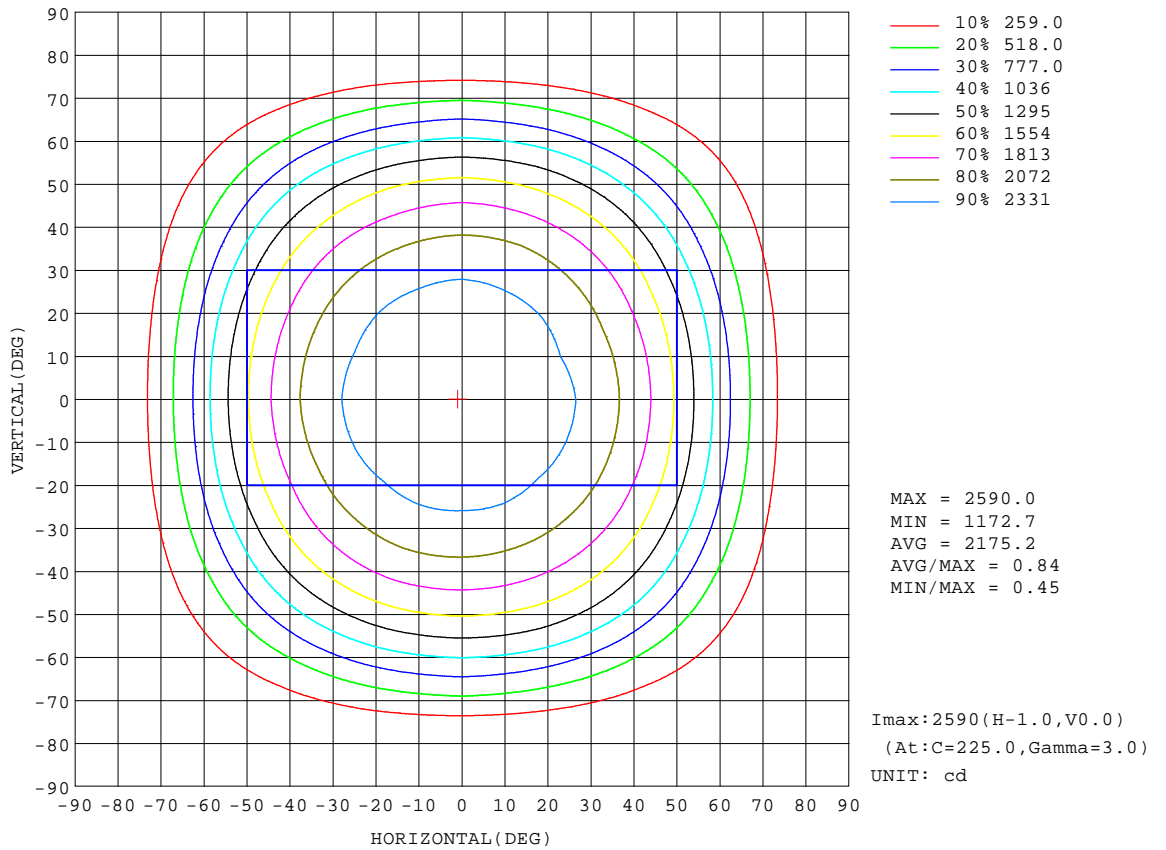
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum,lamp
10	2556	2549	2544	2547	2562	2575	2568	2548	0- 10	245.3	245.3	3.58,3.58
20	2440	2424	2435	2443	2469	2475	2461	2436	10- 20	708.6	953.9	13.9,13.9
30	2248	2244	2246	2250	2285	2275	2284	2257	20- 30	1089	2043	29.9,29.9
40	1957	1949	1969	1963	1987	1995	2014	1974	30- 40	1332	3375	49.3,49.3
50	1512	1549	1573	1541	1537	1571	1626	1561	40- 50	1373	4747	69.4,69.4
60	929.7	985.8	1042	978.5	941.4	1016	1081	992.6	50- 60	1148	5896	86.1,86.1
70	380.6	387.2	461.6	389.1	381.5	420.1	486.7	404.9	60- 70	684.4	6580	96.1,96.1
80	92.16	64.35	41.05	64.23	89.12	74.98	57.38	75.40	70- 80	227.7	6808	99.5,99.5
90	0	0	0	0	0	0	0	0	80- 90	25.22	6833	99.8,99.8
100	0	0	0	0	0	0	0	0	90-100	0	6833	99.8,99.8
110	0.3561	0.5052	0.4600	0.4039	0.4063	0.1531	0.6656	0.2532	100-110	0.0792	6833	99.8,99.8
120	1.620	1.569	1.427	1.466	1.319	1.320	1.647	1.067	110-120	0.8824	6834	99.9,99.9
130	2.787	2.132	3.558	2.277	2.485	2.032	2.734	1.876	120-130	1.851	6836	99.9,99.9
140	3.141	3.010	3.527	2.835	3.044	2.591	3.125	2.482	130-140	2.195	6838	99.9,99.9
150	3.496	4.111	4.304	3.595	3.698	3.504	3.834	3.790	140-150	2.152	6840	99.9,99.9
160	3.560	4.519	4.449	4.152	3.346	3.755	3.446	3.923	150-160	1.786	6842	100,100
170	4.306	5.330	4.958	5.114	4.763	4.570	5.075	5.115	160-170	1.169	6843	100,100
180	4.459	5.736	6.135	5.722	4.509	4.874	5.316	5.620	170-180	0.4889	6844	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:27.3DEG
Operators:Leo
Test Date:2017-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.284
Humidity:44.8%
Test Distance:26.000m [K=1.3312]
Remarks:

ISOCANDELA DIAGRAM

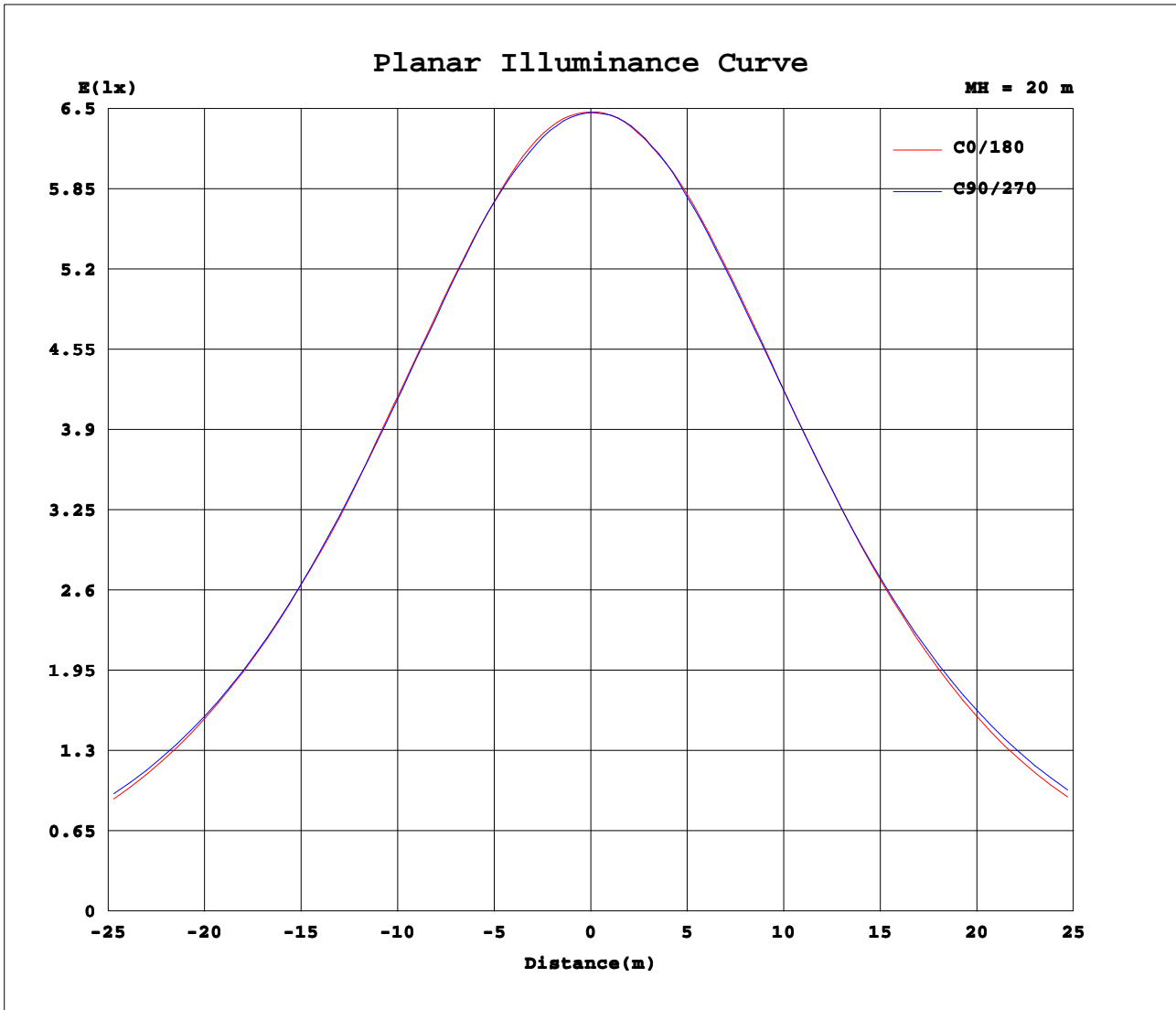
Test:U:277.0V I:0.2044A P:50.852W PF:0.8979 Freq:50.00Hz Lamp Flux:6843.73x1 lm		
NAME: SNC-FL06-50WAT1A1-40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: SNC OPTO ELECTRONIC CO.,LTD	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 27.3DEG
Operators: Leo
Test Date: 2017-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.284
Humidity: 44.8%
Test Distance: 26.000m [K=1.3312]
Remarks:

Planar Illuminance Curve



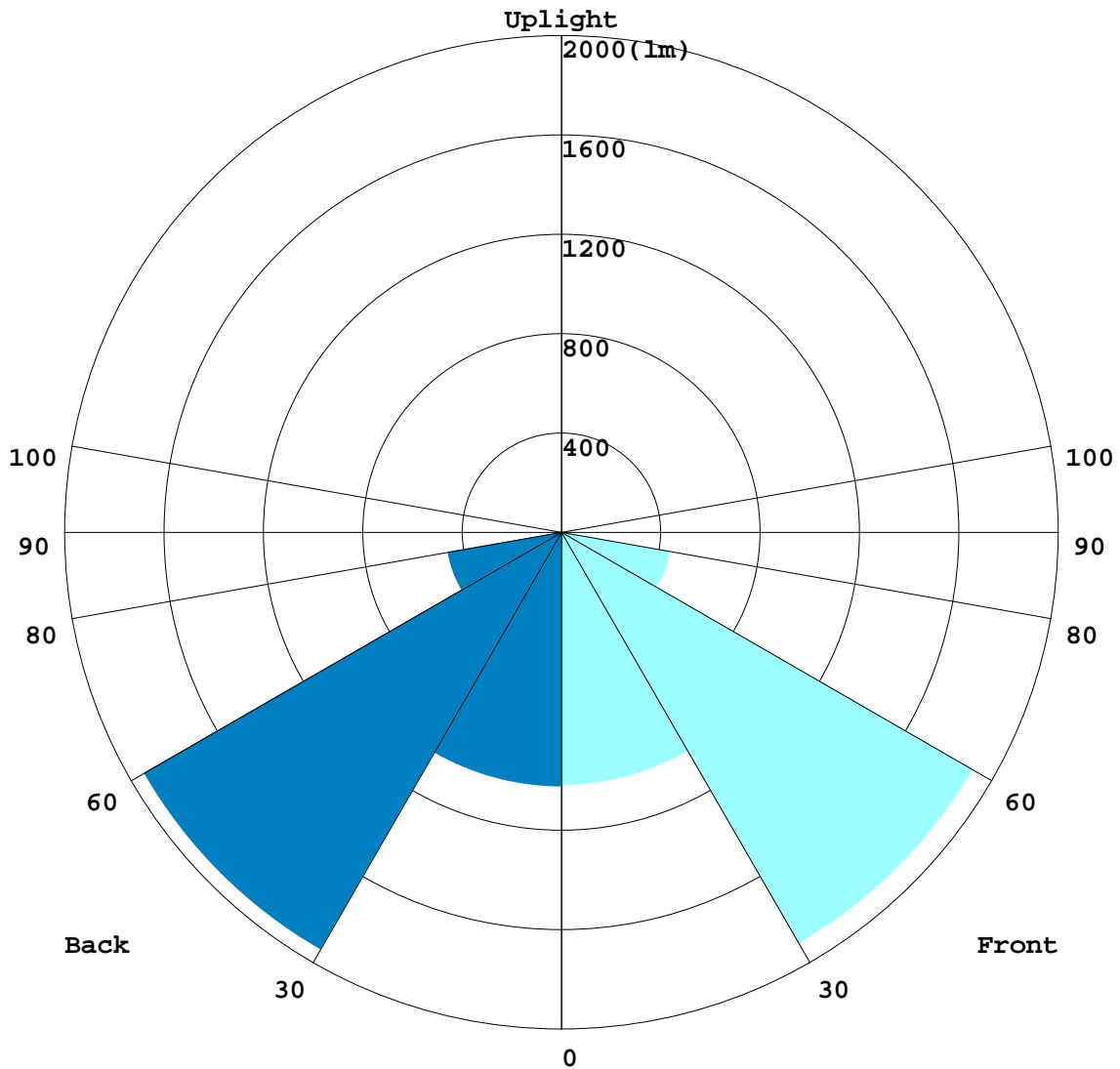
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: Leo
 Test Date: 2017-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.284
 Humidity: 44.8%
 Test Distance: 26.000m [K=1.3312]
 Remarks:

LCS REPORT

Test:U:277.0V I:0.2044A P:50.852W PF:0.8979 Freq:50.00Hz Lamp Flux:6843.73x1 lm		
NAME: SNC-FL06-50WAT1A1-40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: SNC OPTO ELECTRONIC CO.,LTD	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:27.3DEG
Operators:Leo
Test Date:2017-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.284
Humidity:44.8%
Test Distance:26.000m [K=1.3312]
Remarks:

BUG REPORT

Test:U:277.0V I:0.2044A P:50.852W PF:0.8979 Freq:50.00Hz Lamp Flux:6843.73x1 lm		
NAME: SNC-FL06-50WAT1A1-40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: SNC OPTO ELECTRONIC CO.,LTD	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1018.4	14.9
FM - Front-Medium(30-60)	1911.4	27.9
FH - Front-High(60-80)	447.03	6.5
FVH - Front-Very High(80-90)	10.761	0.2
Total Forward Light	3393.1	49.6

BL - Back-Low(0-30)	1024.8	15.0
BM - Back-Medium(30-60)	1941.3	28.4
BH - Back-High(60-80)	465.03	6.8
BVH - Back-Very High(80-90)	14.463	0.2
Total Back Light	3450.6	50.4

UL - Uplight-Low(90-100)	0	0.0
UH - Uplight-High(100-180)	10.604	0.2
Total Up Light	10.604	0.2

BUG(Back,Up,Glare) Rating	B3-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3445.6	5.0178	3450.6
Street Side	3387.6	5.5865	3393.1

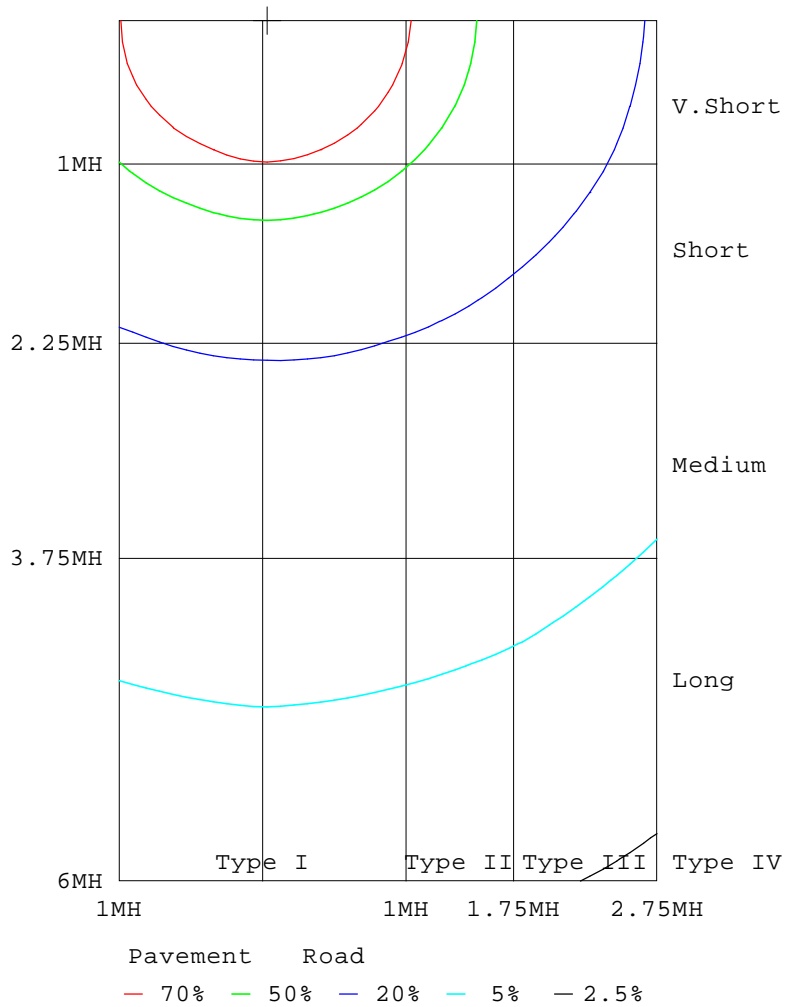
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:27.3DEG
Operators:Leo
Test Date:2017-07-16

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.0.284
Humidity:44.8%
Test Distance:26.000m [K=1.3312]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:277.0V I:0.2044A P:50.852W PF:0.8979 Freq:50.00Hz Lamp Flux:6843.73x1 lm		
NAME: SNC-FL06-50WAT1A1-40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: SNC OPTO ELECTRONIC CO.,LTD	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: Leo
 Test Date: 2017-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.284
 Humidity: 44.8%
 Test Distance: 26.000m [K=1.3312]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:277.0V I:0.2044A P:50.852W PF:0.8979 Freq:50.00Hz Lamp Flux:6843.73x1 lm		
NAME: SNC-FL06-50WAT1A1-40K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: SNC OPTO ELECTRONIC CO.,LTD	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	2585	2585	2585	2585	2585	2585	2585	2585	2585	2585	2585	2585	2585	2585	2585	2585			
5	2581	2571	2579	2568	2572	2574	2575	2579	2582	2579	2590	2582	2585	2576	2575	2578			
10	2556	2543	2549	2539	2544	2549	2547	2550	2562	2556	2575	2559	2568	2554	2548	2546			
15	2504	2500	2497	2488	2504	2507	2506	2512	2530	2515	2540	2515	2524	2514	2496	2495			
20	2440	2431	2424	2426	2435	2446	2443	2456	2469	2456	2475	2457	2461	2449	2436	2425			
25	2354	2347	2340	2348	2349	2358	2357	2377	2388	2370	2388	2375	2384	2370	2359	2333			
30	2248	2234	2244	2242	2246	2252	2250	2270	2285	2265	2275	2274	2284	2270	2257	2242			
35	2113	2110	2113	2114	2123	2126	2120	2129	2152	2142	2144	2146	2159	2155	2127	2108			
40	1957	1947	1949	1956	1969	1975	1963	1960	1987	1980	1995	1999	2014	2004	1974	1958			
45	1761	1753	1769	1780	1785	1789	1774	1754	1782	1781	1805	1815	1841	1816	1788	1761			
50	1512	1517	1549	1566	1573	1565	1541	1524	1537	1542	1571	1608	1626	1602	1561	1519			
55	1232	1241	1282	1316	1323	1311	1276	1246	1257	1268	1307	1344	1367	1347	1295	1243			
60	930	939	986	1023	1042	1023	979	944	941	961	1016	1055	1081	1054	993	939			
65	622	630	671	715	751	722	672	631	632	654	707	751	784	744	682	636			
70	381	376	387	430	462	436	389	374	381	389	420	465	487	452	405	390			
75	214	203	193	191	187	196	190	200	203	207	207	218	218	215	206	217			
80	92.2	80.7	64.3	46.3	41.1	49.3	64.2	83.8	89.1	83.9	75.0	59.7	57.4	62.9	75.4	90.3			
85	35.6	24.4	7.61	1.58	0.39	2.76	11.5	29.8	35.0	29.6	19.3	20.0	18.7	21.6	21.1	33.8			
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			
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			
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			
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	0.05	0.00	0.00	0.00			
110	0.36	0.40	0.51	0.24	0.46	0.36	0.40	0.43	0.41	0.35	0.15	0.51	0.67	0.41	0.25	0.35			
115	1.06	1.06	0.96	0.51	0.86	0.72	1.06	1.16	0.76	0.86	0.81	0.77	1.59	1.00	0.71	0.81			
120	1.62	1.56	1.57	1.57	1.43	1.32	1.47	1.72	1.32	1.27	1.32	1.53	1.65	1.43	1.07	1.12			
125	2.28	2.27	2.10	2.23	2.71	2.45	1.97	2.33	1.72	1.87	1.62	2.24	2.36	2.14	1.42	1.72			
130	2.79	2.78	2.13	3.00	3.56	3.16	2.28	2.76	2.49	2.17	2.03	2.48	2.73	2.86	1.88	2.02			
135	3.04	2.84	2.74	3.33	3.74	3.62	2.83	2.89	2.84	2.43	2.38	2.54	3.12	2.93	2.18	2.33			
140	3.14	2.90	3.01	3.66	3.53	3.83	2.83	3.08	3.04	2.93	2.59	3.35	3.12	3.21	2.48	2.83			
145	3.60	2.97	3.20	3.82	3.78	4.18	2.89	3.96	3.55	3.08	2.95	3.61	3.58	3.58	3.09	3.09			
150	3.50	3.03	4.11	3.86	4.30	4.44	3.59	3.54	3.70	3.59	3.50	3.68	3.83	3.62	3.79	3.38			
155	3.39	4.02	4.52	4.37	4.46	4.44	3.90	3.85	3.44	3.79	3.68	3.74	3.58	3.66	3.94	3.52			
160	3.56	4.15	4.52	4.14	4.45	4.34	4.15	3.87	3.35	3.74	3.76	3.80	3.45	3.62	3.92	3.69			
165	3.70	3.91	4.82	4.08	4.58	4.49	4.46	3.86	4.00	3.91	3.76	3.87	3.48	3.71	3.90	3.95			
170	4.31	3.99	5.33	4.83	4.96	5.31	5.11	4.00	4.76	4.58	4.57	5.29	5.07	5.21	5.12	5.21			
175	4.44	4.60	5.53	5.23	5.88	5.56	5.42	4.46	4.80	4.76	4.76	5.57	5.40	6.12	5.56	5.46			
180	4.46	5.10	5.74	5.49	6.14	5.67	5.72	4.60	4.51	4.44	4.87	5.54	5.32	5.92	5.62	5.57			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 27.3DEG
 Operators: Leo
 Test Date: 2017-07-16

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.0.284
 Humidity: 44.8%
 Test Distance: 26.000m [K=1.3312]
 Remarks: