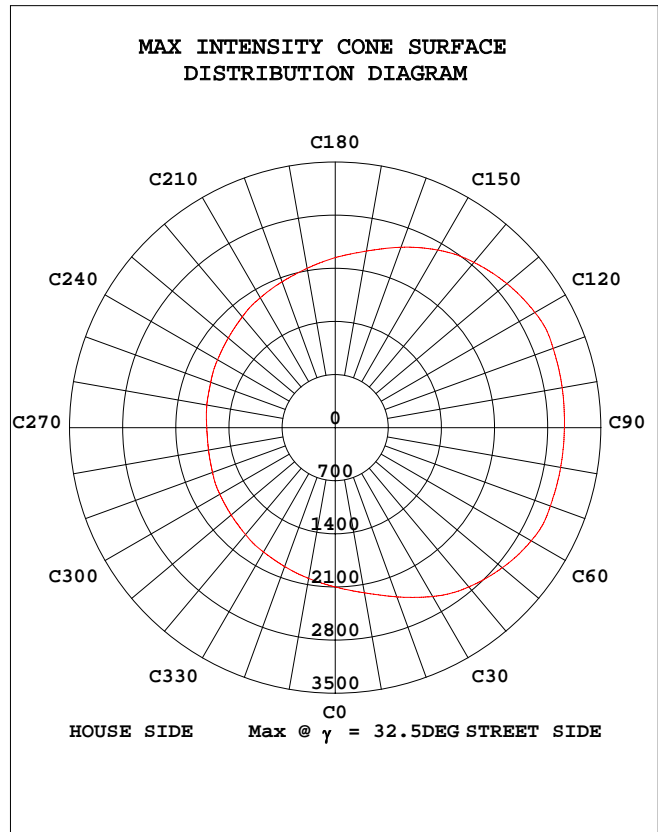
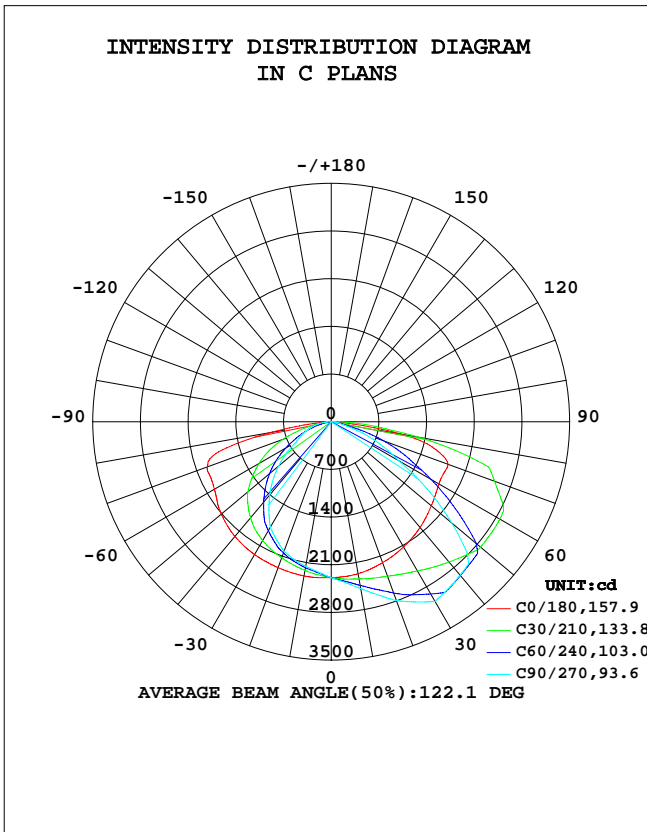


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.7V I:0.6150A P:73.70W PF:0.9929 Lamp Flux:9162.16x1 lm		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 124.31 lm/W			
MODEIASD-LED-SBRR-75N50-EX39		I _{max} (cd)	3067	η street_up(%)	0.0
NOMINAL POWER(W)	75	LOR(%)	100.0	η street_down(%)	63.5
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	9162	η house_up(%)	0.0
NOMINAL FLUX(lm)	9162.16	MAXIMUM @(C,γ)	115,32.5	η house_down(%)	36.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	η down(%)	100.0	SLI	23.708



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2016-08-03

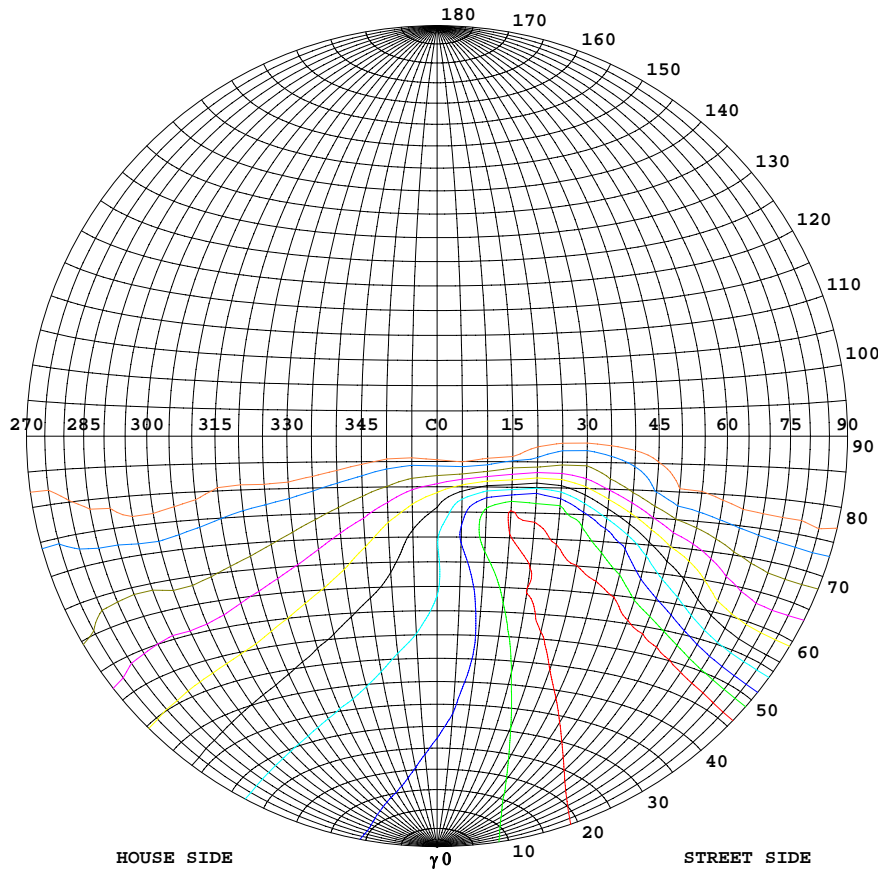
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity: 65.0%
 Test Distance: 7.850m [K=1.0000]
 Remarks:

Note: SLI: Specific Luminaire Index

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.7V I:0.6150A P:73.70W PF:0.9929 Lamp Flux:9162.16x1 lm		



Classification:

IES:Type IV - Very Short
 CIE:Average - Short
 IES:Semi cut-off
 CIE:Non-cut-off
 Max.At80:196.2cd/klm
 Max.At90:2.222cd/klm
 Max.80-90:196.2cd/klm

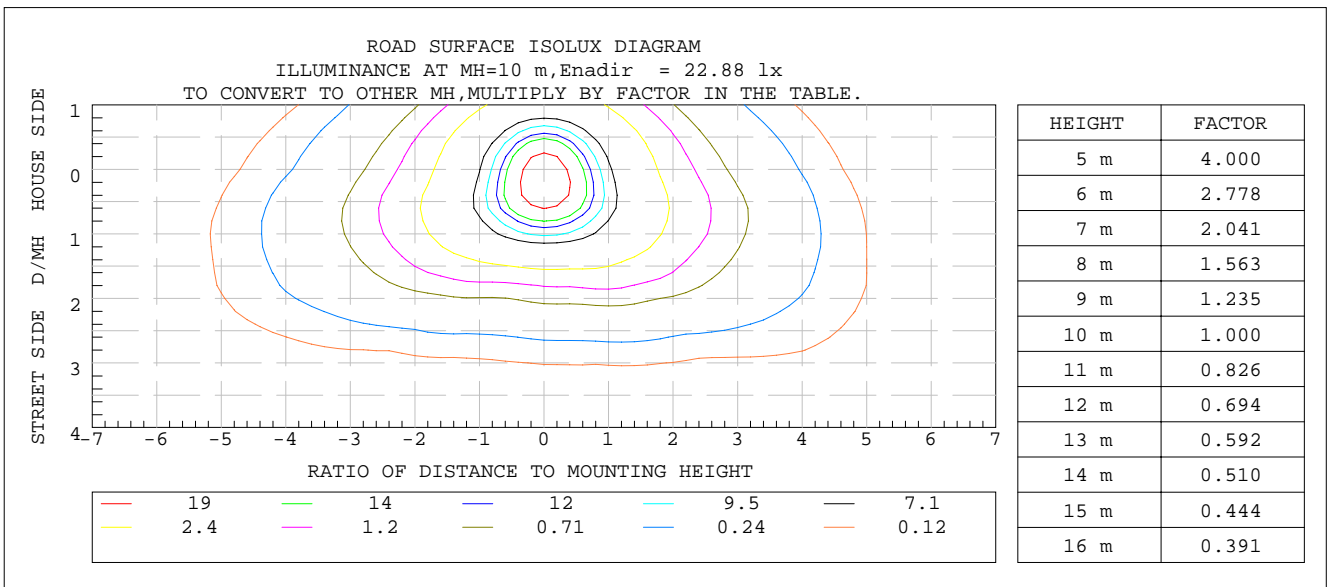
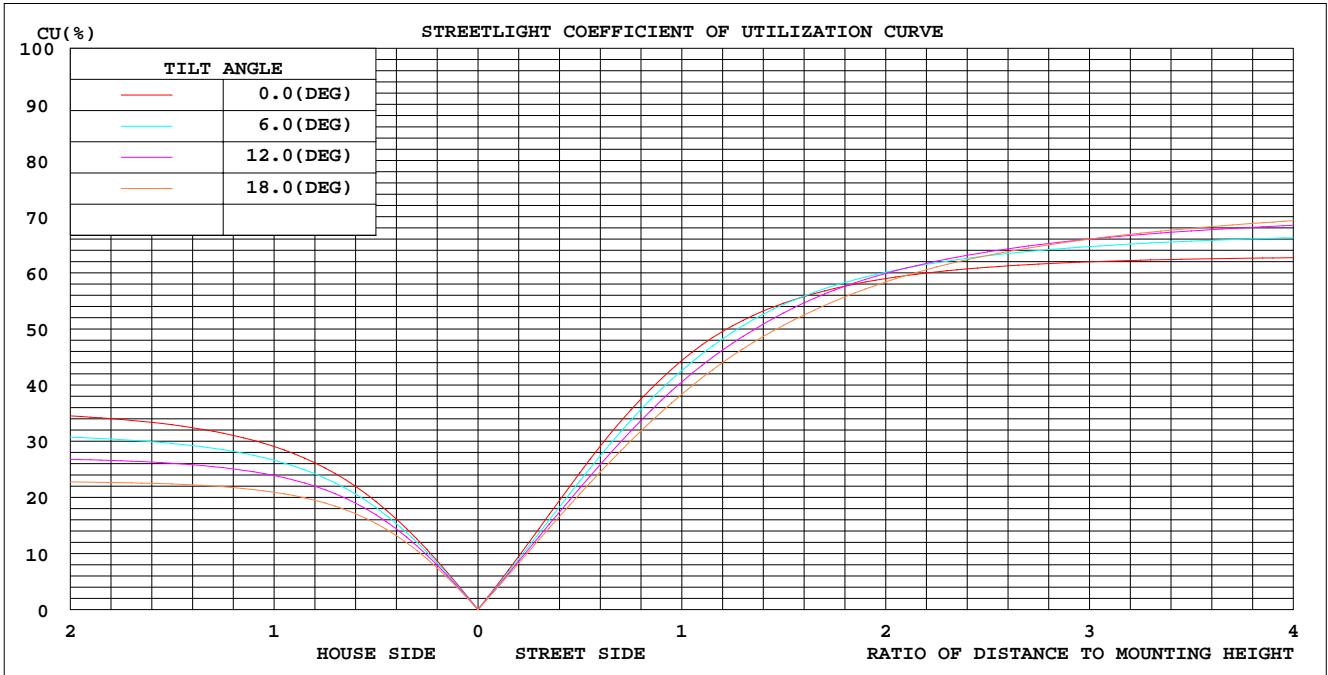
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	3067
90%	2760
80%	2453
70%	2147
60%	1840
50%	1533
40%	1227
30%	920
20%	613
10%	307
5%	153

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2016-08-03

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2016-08-03

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.850m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Test:U:120.7V I:0.6150A P:73.70W PF:0.9929 Lamp Flux:9162.16x1 lm		

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	*lum,lamp
5	2282	2335	2370	2349	2297	2239	2214	2228	0- 5	54.73	54.73	0.60,0.60
10	2266	2394	2485	2425	2299	2191	2156	2170	5- 10	164.1	218.8	2.39,2.39
15	2237	2469	2630	2518	2292	2140	2097	2114	10- 15	273.4	492.2	5.37,5.37
20	2202	2554	2793	2627	2281	2086	2024	2049	15- 20	382.1	874.3	9.54,9.54
25	2165	2658	2919	2743	2267	2016	1907	1969	20- 25	488.2	1363	14.9,14.9
30	2123	2760	3045	2850	2251	1924	1790	1869	25- 30	588.9	1951	21.3,21.3
35	2076	2858	2994	2953	2229	1817	1597	1754	30- 35	680.0	2631	28.7,28.7
40	2028	2944	2943	3043	2199	1696	1404	1624	35- 40	753.4	3385	36.9,36.9
45	1974	2908	2838	3029	2158	1520	1210	1443	40- 45	811.1	4196	45.8,45.8
50	1918	2878	2305	3017	2108	1337	1005	1261	45- 50	842.5	5038	55,55
55	1868	2796	1719	2965	2043	1144	798.8	1077	50- 55	830.9	5869	64.1,64.1
60	1825	2416	1133	2633	1981	921.2	592.5	876.6	55- 60	786.2	6655	72.6,72.6
65	1816	2049	813.7	2325	1951	699.8	491.0	657.0	60- 65	722.8	7378	80.5,80.5
70	1823	1600	494.0	1875	1935	488.1	389.5	459.7	65- 70	652.4	8031	87.6,87.6
75	1594	927.4	201.1	1115	1714	317.9	288.7	303.0	70- 75	545.5	8576	93.6,93.6
80	1033	285.5	122.8	402.2	874.3	161.0	193.7	161.4	75- 80	372.7	8949	97.7,97.7
85	186.9	160.3	71.19	222.5	176.1	88.22	99.32	88.30	80- 85	170.8	9120	99.5,99.5
90	13.48	8.120	19.61	5.826	9.768	12.81	4.978	12.82	85- 90	42.46	9162	100,100
95									90- 95			
100									95-100			
105									100-105			
110									105-110			
115									110-115			
120									115-120			
125									120-125			
130									125-130			
135									130-135			
140									135-140			
145									140-145			
150									145-150			
155									150-155			
160									155-160			
165									160-165			
170									165-170			
175									170-175			
180									175-180			
DEG	LUMINOUS INTENSITY:cd								UNIT:lm			

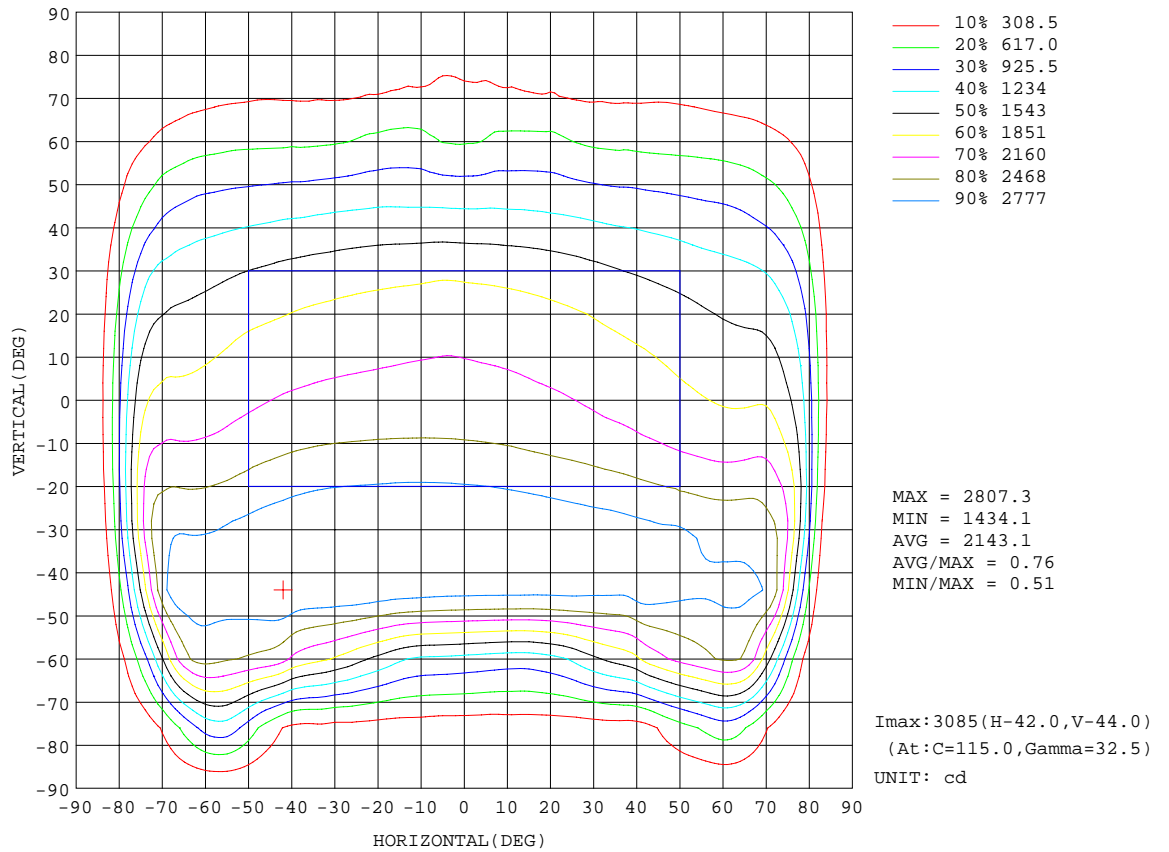
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2016-08-03

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

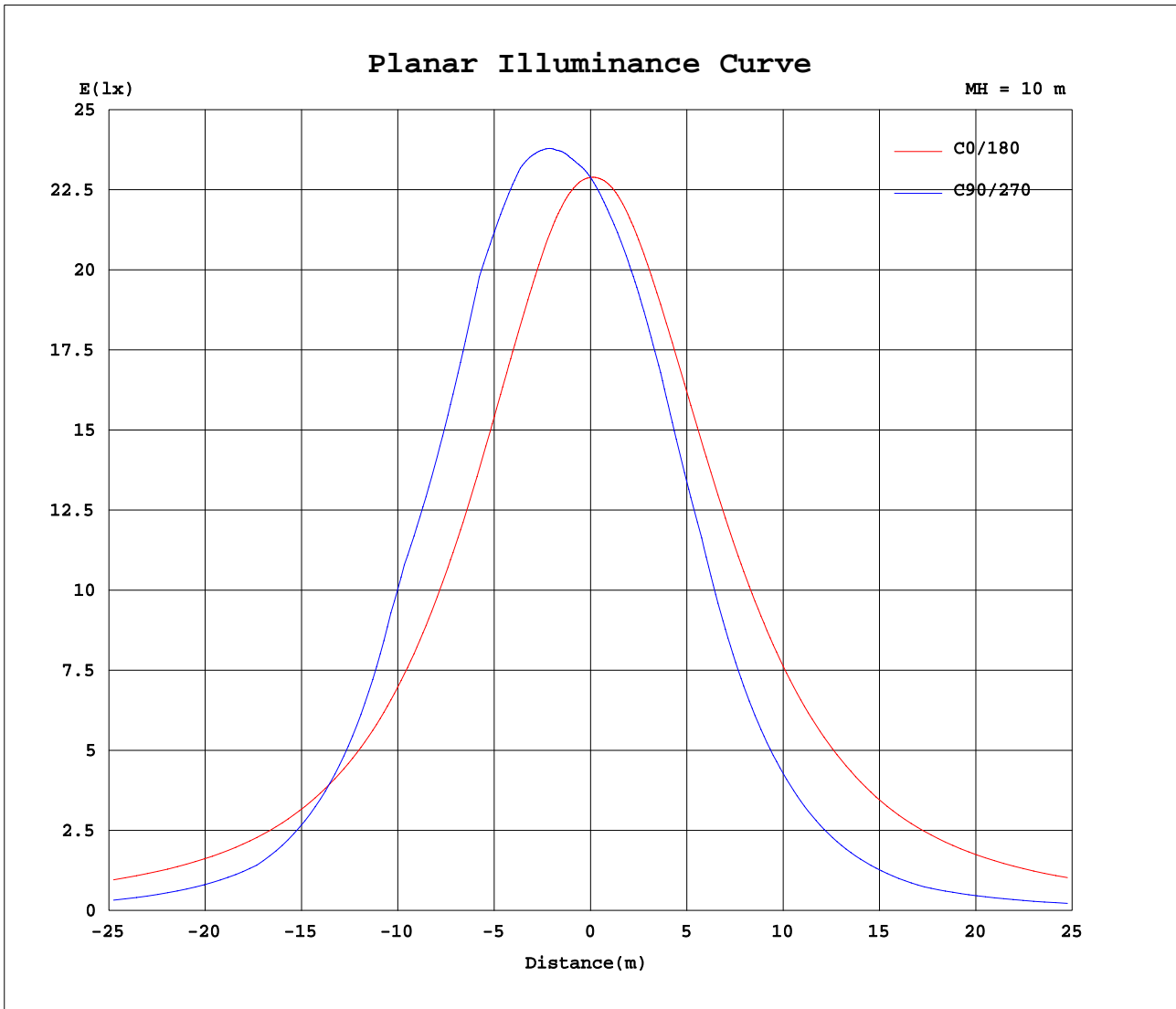
Test:U:120.7V I:0.6150A P:73.70W PF:0.9929 Lamp Flux:9162.16x1 lm		



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2016-08-03

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity: 65.0%
 Test Distance: 7.850m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2016-08-03

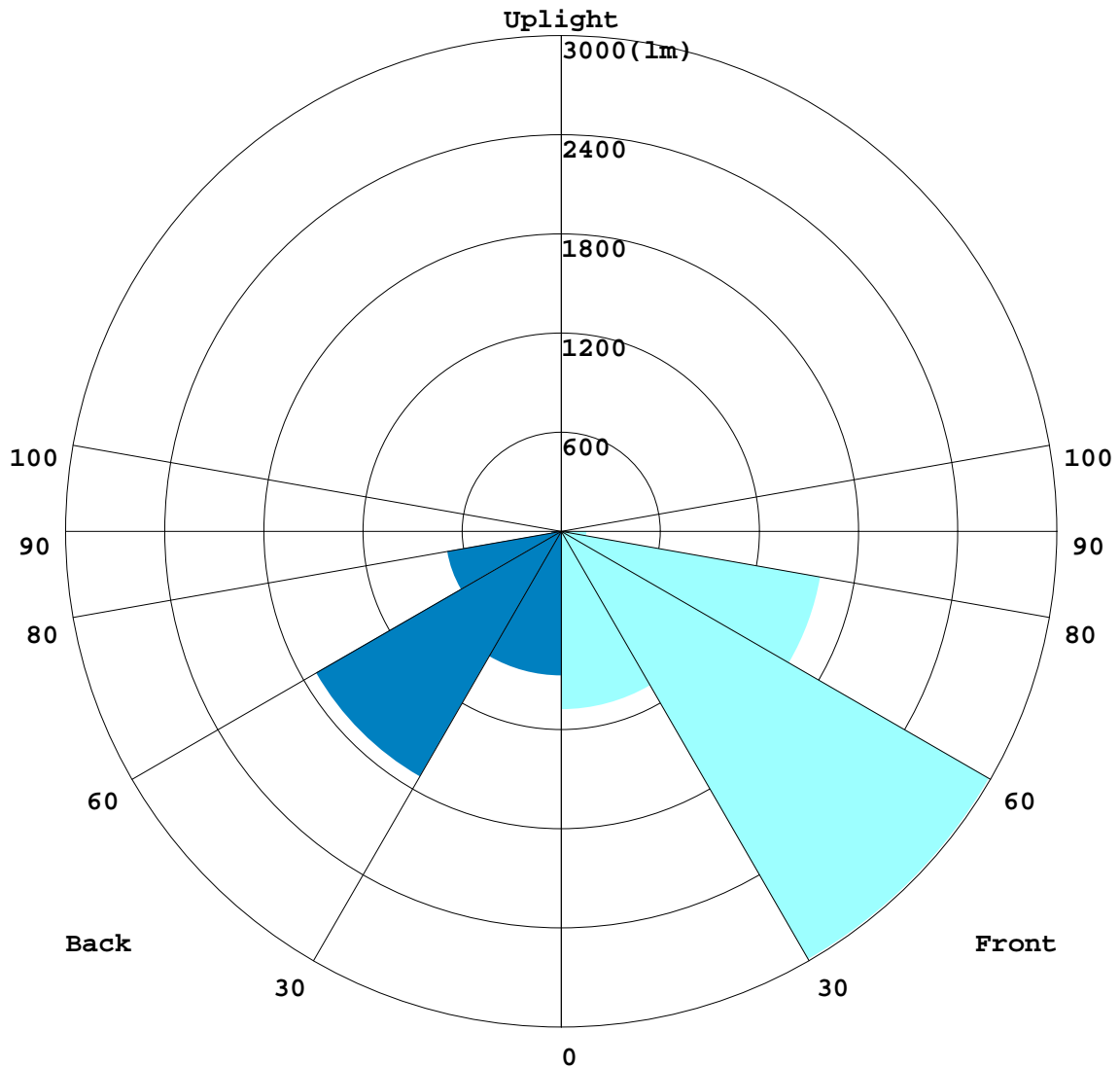
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity: 65.0%
 Test Distance: 7.850m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.7V I:0.6150A P:73.70W PF:0.9929 Lamp Flux:9162.16x1 lm		

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2016-08-03

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:120.7V I:0.6150A P:73.70W PF:0.9929 Lamp Flux:9162.16x1 lm		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1077.9	11.8
FM - Front-Medium(30-60)	2990.9	32.6
FH - Front-High(60-80)	1592.6	17.4
FVH - Front-Very High(80-90)	153.62	1.7
Total Forward Light	5814.9	63.5

BL - Back-Low(0-30)	873.52	9.5
BM - Back-Medium(30-60)	1713.1	18.7
BH - Back-High(60-80)	700.93	7.7
BVH - Back-Very High(80-90)	59.688	0.7
Total Back Light	3347.2	36.5

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	B2-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3347.2	0	3347.2
Street Side	5814.9	0	5814.9

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2016-08-03

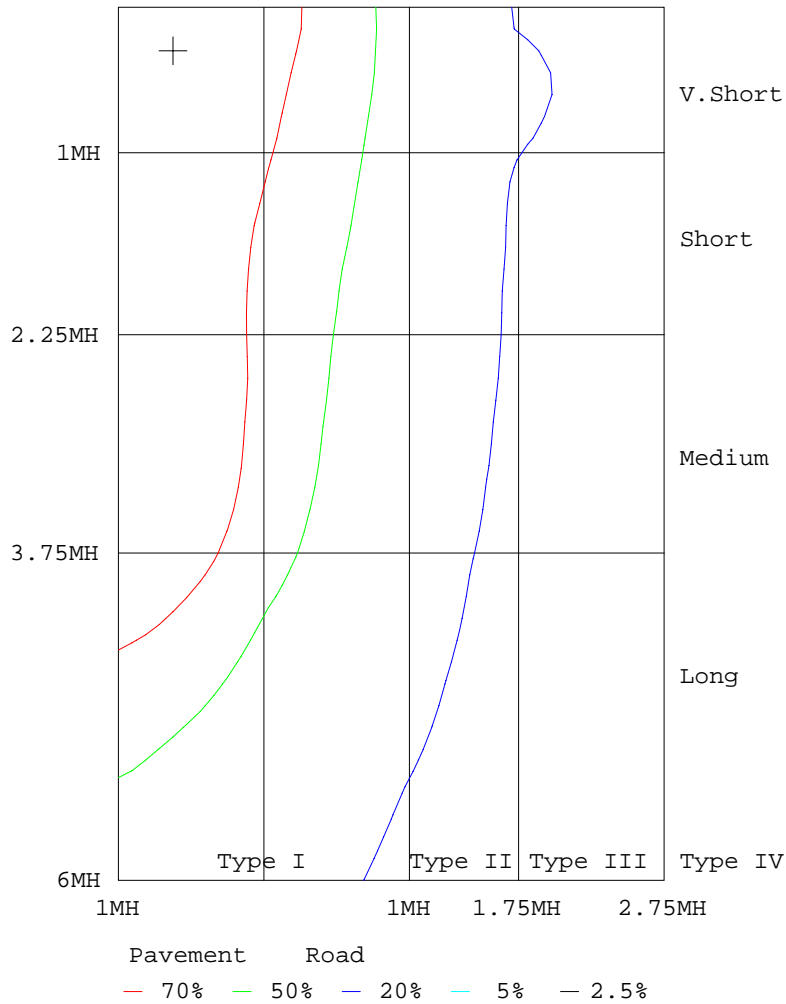
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.7V I:0.6150A P:73.70W PF:0.9929 Lamp Flux:9162.16x1 lm		

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2016-08-03

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

