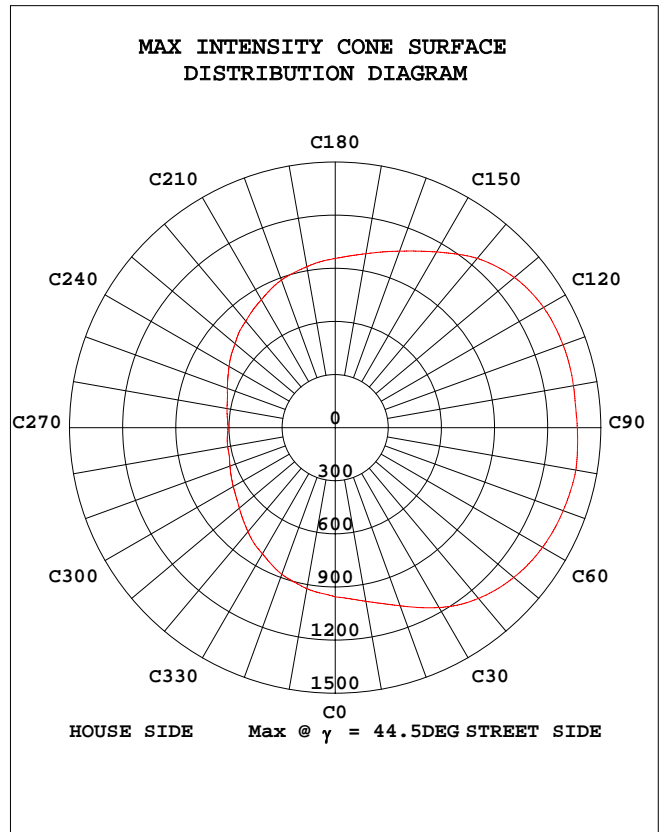
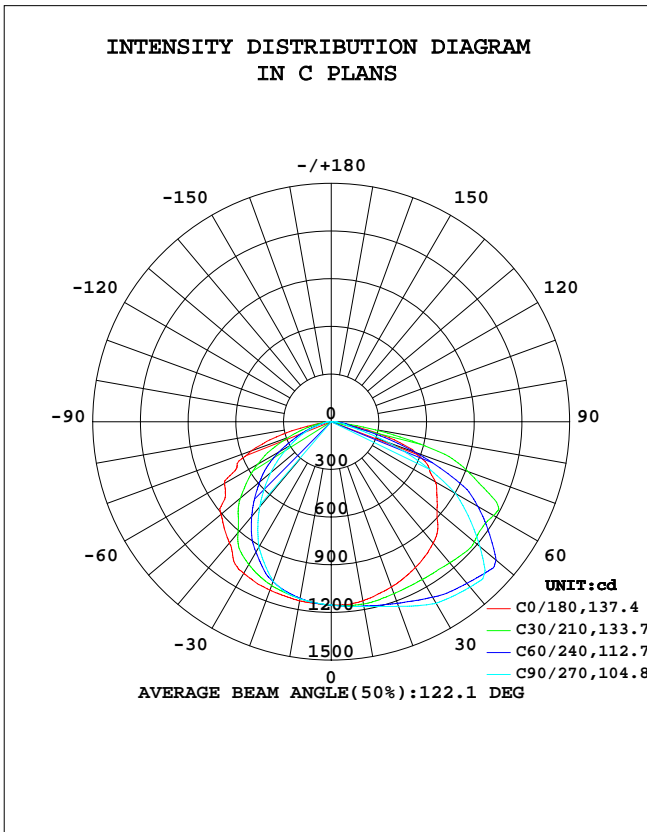


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.5V I:0.2788A P:33.46W PF:0.9948 Lamp Flux:4008.5x1 lm		

DATA OF LAMP		PHOTOMETRIC DATA		Eff: 119.80 lm/W	
MODE:ASD-LED-SBRR-36N50-EX39	Imax(cd)	1379	η street_up(%)	0.0	
NOMINAL POWER(W)	36	LOR(%)	100.0	η street_down(%)	61.3
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4008.5	house_up(%)	0.0
NOMINAL FLUX(lm)	4008.5	MAXIMUM @(C,)	80,44.5	η house_down(%)	38.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	η down(%)	100.0	SLI	19.937



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

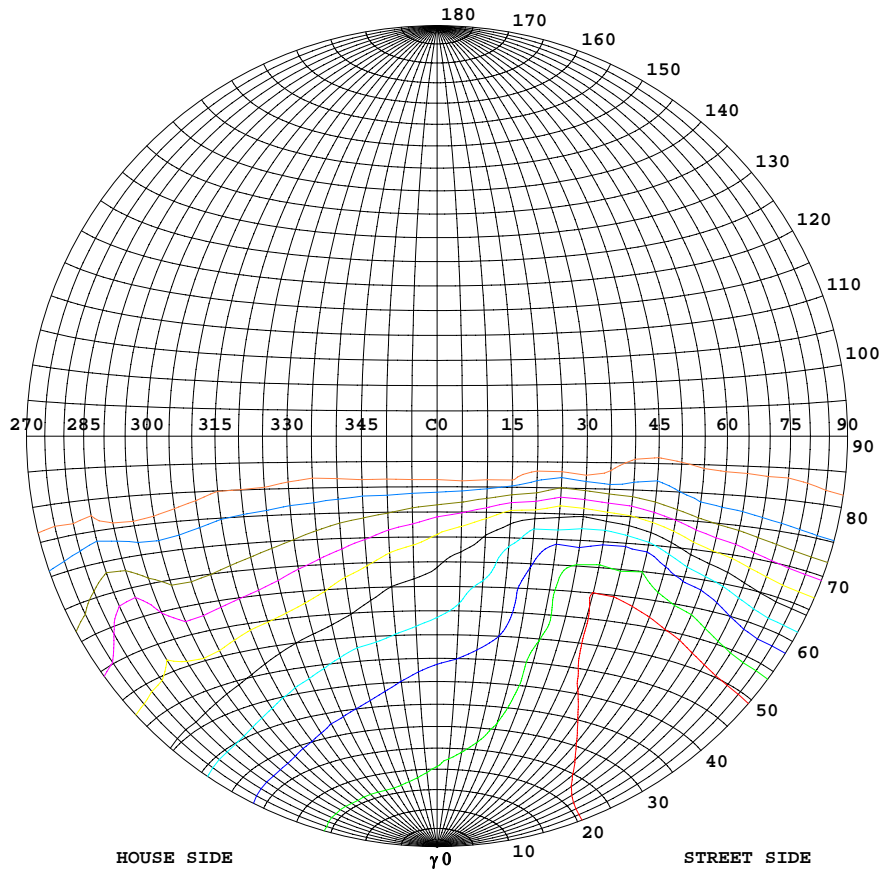
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity: 65.0%
 Test Distance: 7.850m [K=1.0000]
 Remarks:

Note: SLI: Specific Luminaire Index

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.5V I:0.2788A P:33.46W PF:0.9948 Lamp Flux:4008.5x1 lm		



Classification:

IES:Type III - Very Short
 CIE:Average - Short
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:68.17cd/klm
 Max.At90:2.568cd/klm
 Max.80-90:68.17cd/klm

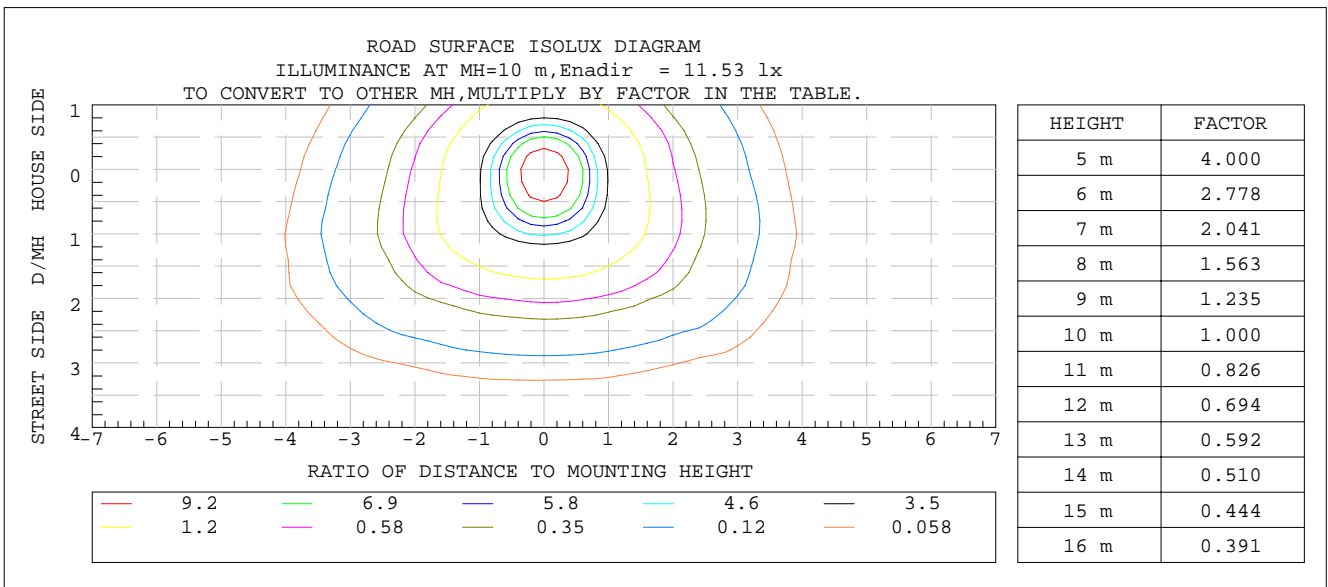
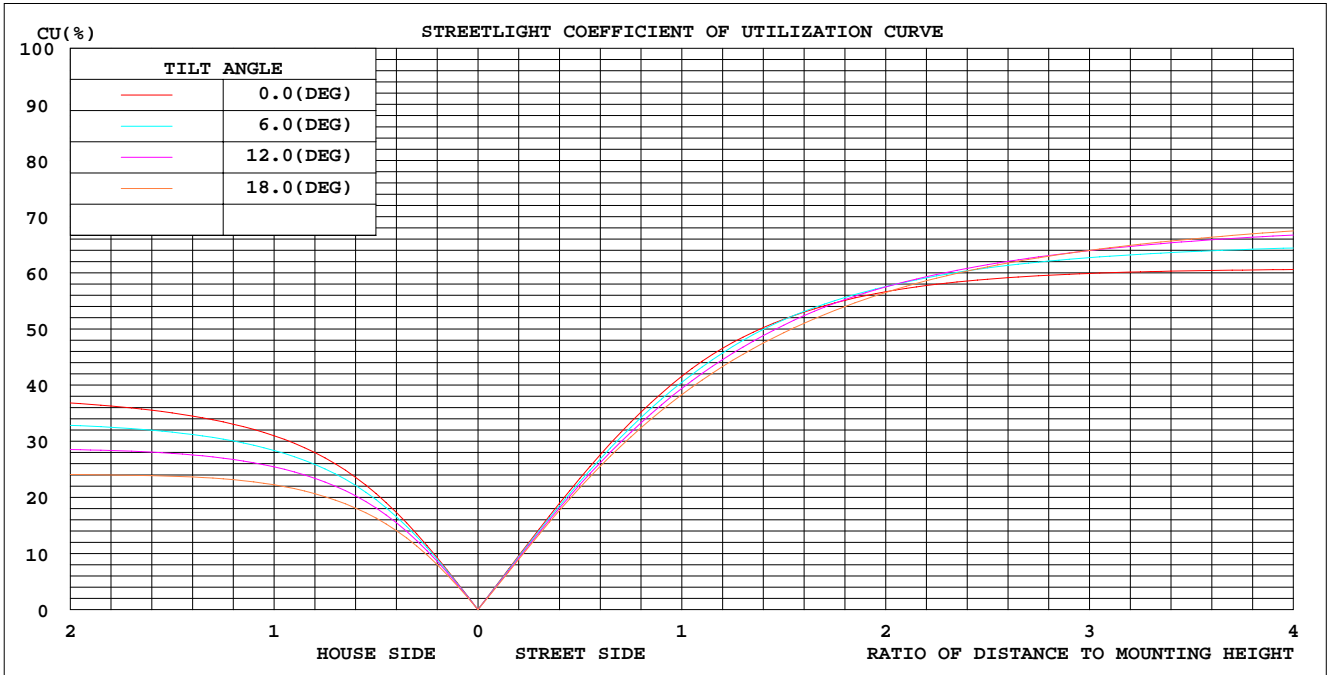
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1379
— 90%	1241
— 80%	1103
— 70%	965
— 60%	827
— 50%	690
— 40%	552
— 30%	414
— 20%	276
— 10%	138
— 5%	69

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:120.5V I:0.2788A P:33.46W PF:0.9948 Lamp Flux:4008.5x1 lm		

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	*lum,lamp
5	1154	1164	1165	1159	1147	1145	1144	1145	0- 5	27.58	27.58	0.67,0.67
10	1144	1173	1179	1168	1145	1128	1132	1132	5- 10	82.40	110.0	2.69,2.69
15	1125	1178	1203	1179	1135	1107	1109	1110	10- 15	136.0	246.0	6.02,6.02
20	1106	1183	1236	1196	1127	1083	1069	1073	15- 20	187.7	433.7	10.6,10.6
25	1084	1195	1277	1218	1118	1047	990.0	1028	20- 25	236.4	670.1	16.4,16.4
30	1059	1215	1319	1244	1101	994.0	910.7	966.3	25- 30	280.8	950.9	23.3,23.3
35	1031	1241	1339	1274	1070	932.2	805.5	896.8	30- 35	320.3	1271	31.1,31.1
40	997.4	1268	1358	1298	996.9	863.8	700.3	823.3	35- 40	351.5	1623	39.7,39.7
45	948.6	1293	1360	1285	951.2	755.3	595.7	726.7	40- 45	374.7	1997	48.9,48.9
50	869.0	1323	1220	1259	906.0	637.0	496.2	626.7	45- 50	387.5	2385	58.3,58.3
55	811.9	1327	1062	1241	812.5	526.2	397.4	523.3	50- 55	384.8	2770	67.8,67.8
60	757.7	1202	903.8	1124	776.3	420.1	298.5	409.4	55- 60	368.7	3138	76.8,76.8
65	676.7	1102	643.6	1013	653.6	312.8	224.2	299.5	60- 65	336.6	3475	85.85
70	562.0	864.6	383.4	819.1	535.1	215.2	149.8	207.2	65- 70	277.8	3753	91.8,91.8
75	349.7	491.2	145.2	474.8	336.5	133.9	80.49	134.2	70- 75	193.0	3946	96.5,96.5
80	96.36	167.6	82.80	158.1	109.4	62.47	51.39	67.86	75- 80	95.66	4042	98.9,98.9
85	27.40	86.33	42.42	82.26	16.58	33.45	27.32	37.64	80- 85	35.34	4077	99.7,99.7
90	5.100	4.633	2.031	2.277	2.899	4.788	3.253	7.169	85- 90	10.99	4088	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			

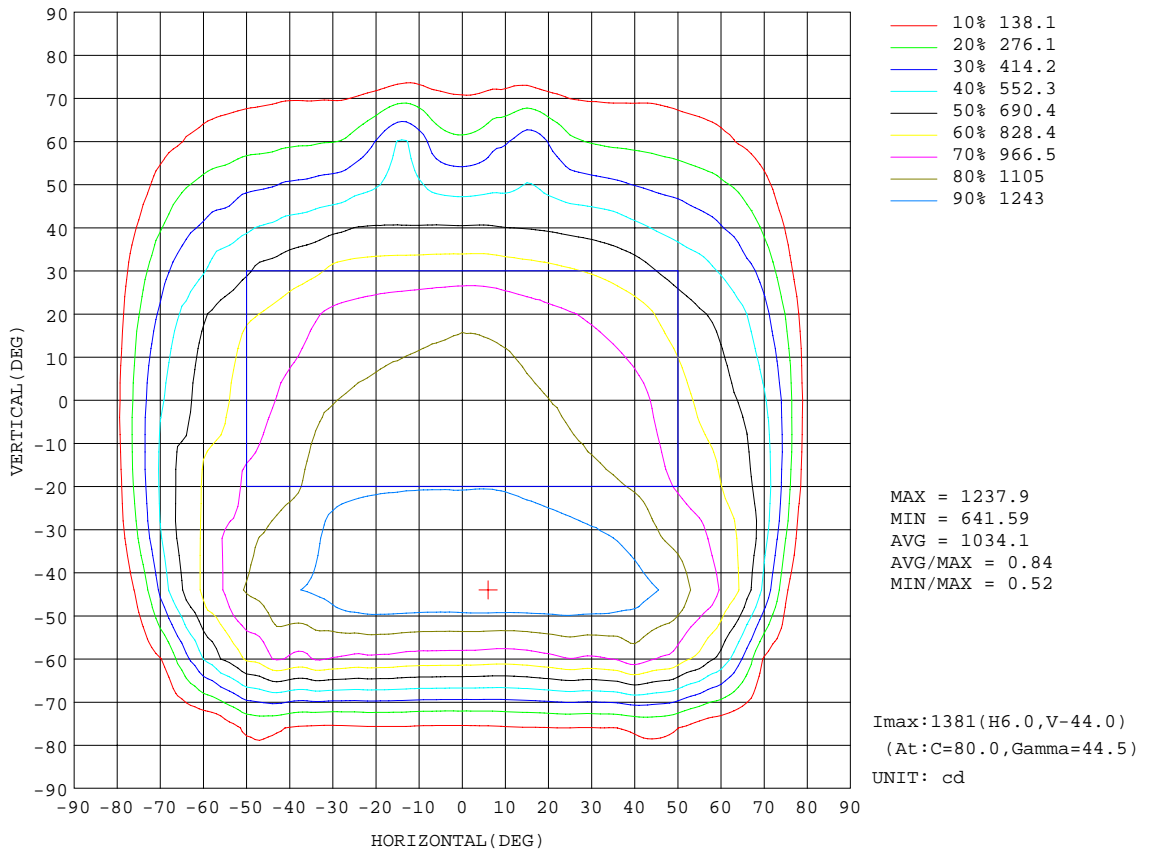
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2016-08-03

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

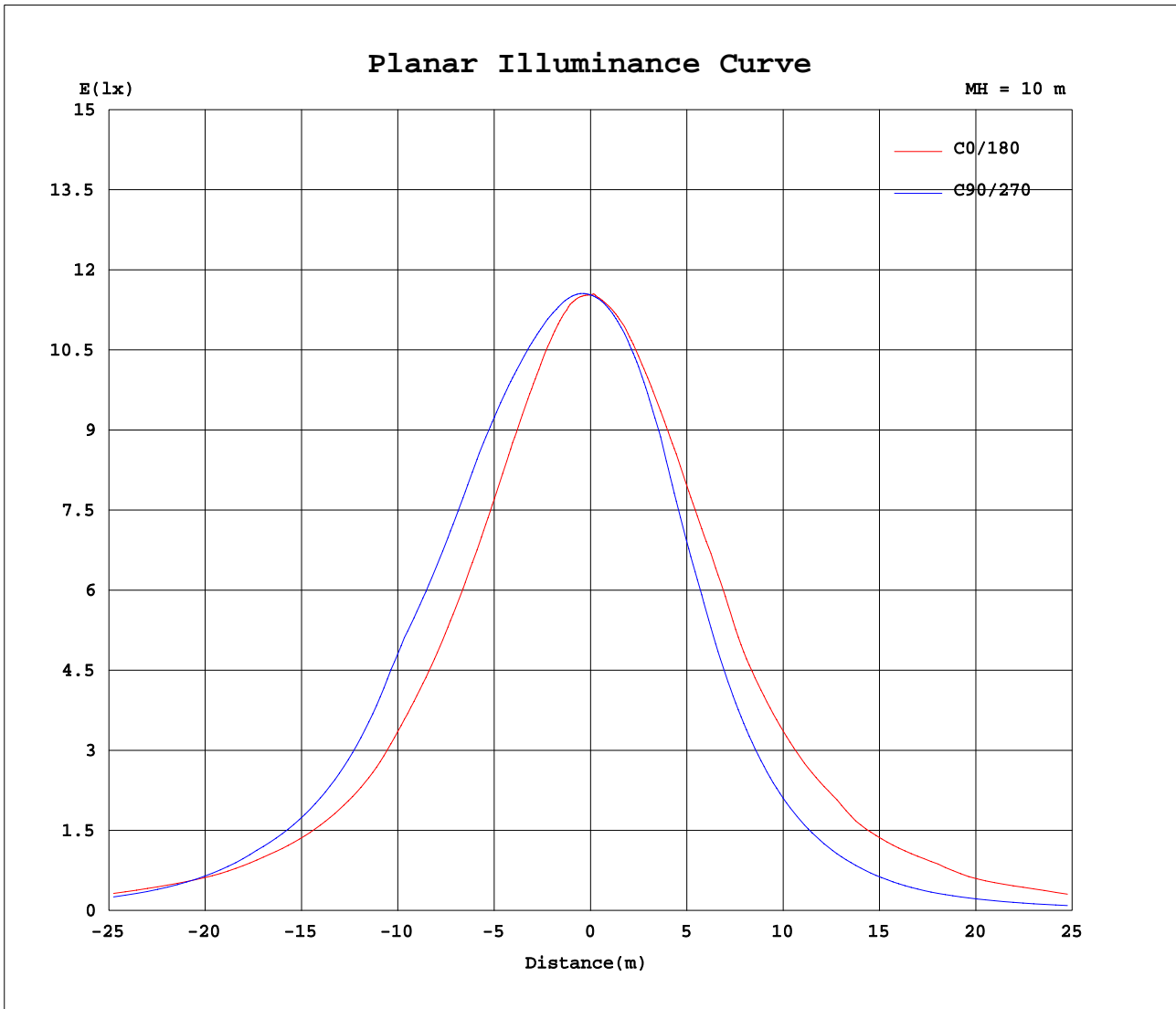
Test:U:120.5V I:0.2788A P:33.46W PF:0.9948 Lamp Flux:4008.5x1 lm		



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

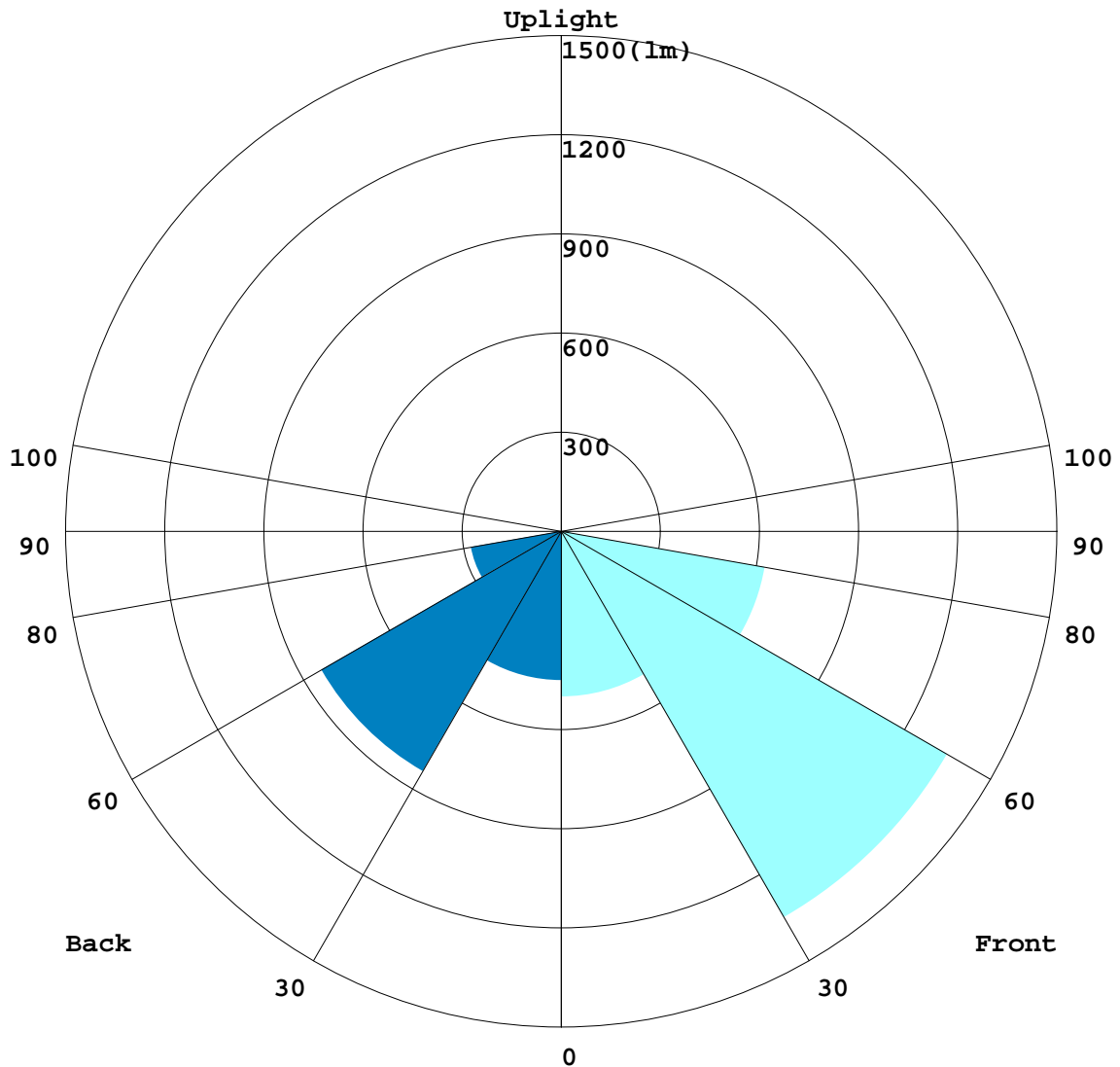
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity: 65.0%
 Test Distance: 7.850m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:120.5V I:0.2788A P:33.46W PF:0.9948 Lamp Flux:4008.5x1 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:120.5V I:0.2788A P:33.46W PF:0.9948 Lamp Flux:4008.5x1 lm		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	500.3	12.2
FM - Front-Medium(30-60)	1349	33.0
FH - Front-High(60-80)	625.93	15.3
FVH - Front-Very High(80-90)	29.038	0.7
Total Forward Light	2504.3	61.3

BL - Back-Low(0-30)	450.63	11.0
BM - Back-Medium(30-60)	838.51	20.5
BH - Back-High(60-80)	277.16	6.8
BVH - Back-Very High(80-90)	17.292	0.4
Total Back Light	1583.6	38.7

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	1583.6	0	1583.6
Street Side	2504.3	0	2504.3

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

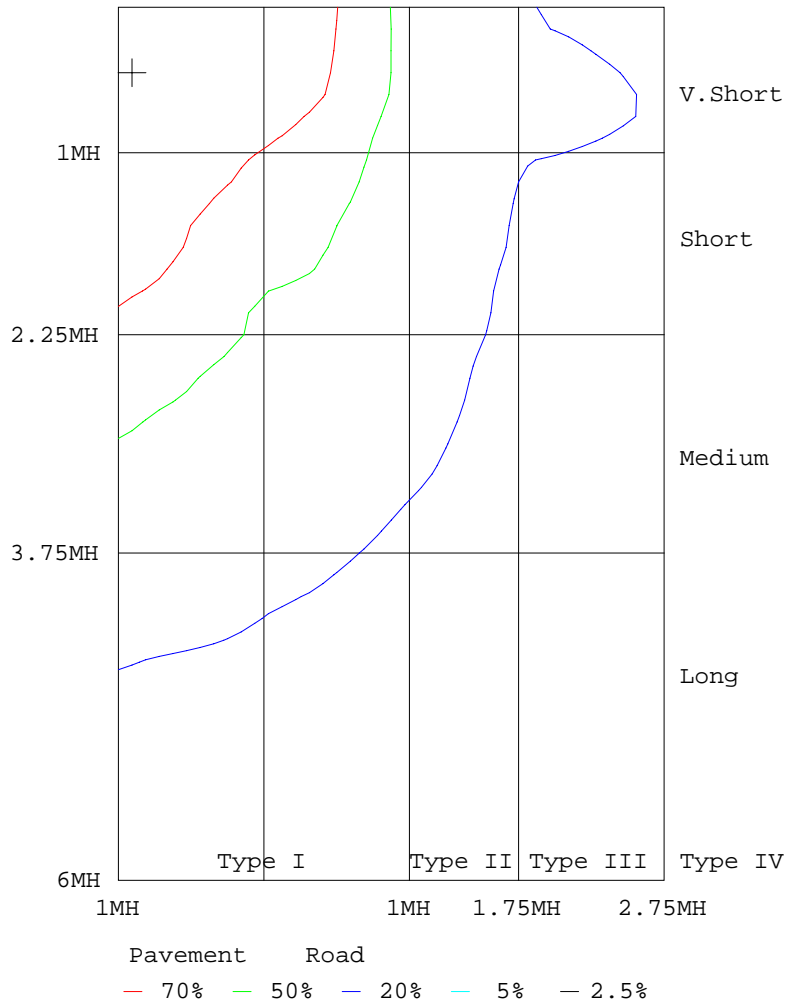
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.850m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:120.5V I:0.2788A P:33.46W PF:0.9948 Lamp Flux:4008.5x1 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:

