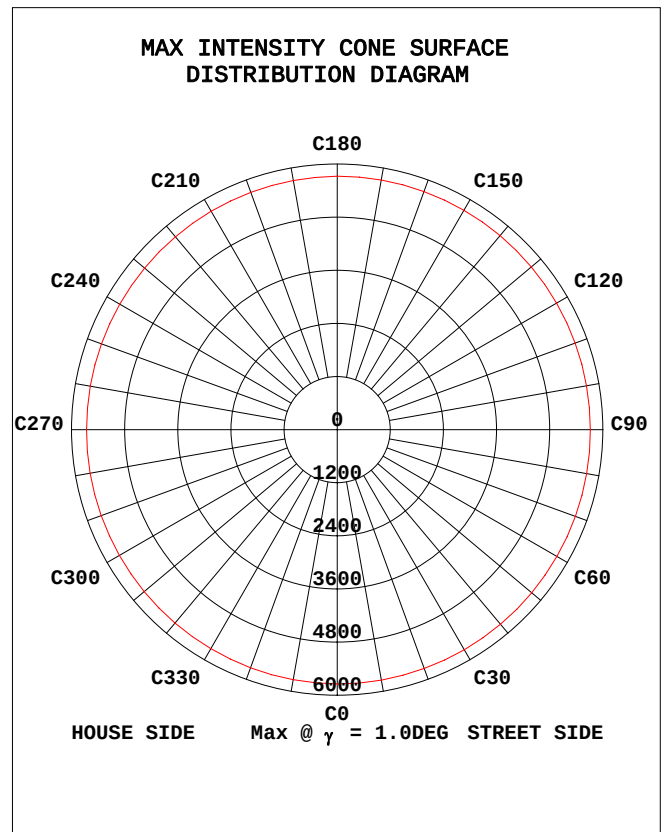
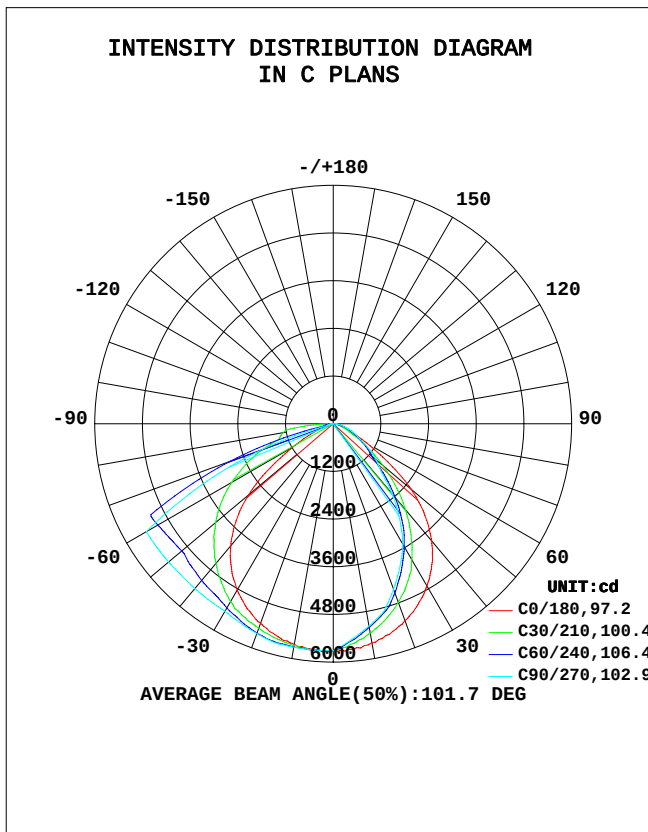


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.3V I:0.9439A P:113.8W PF:0.9940 Lamp Flux:14502.9x1 lm		
NAME:		
SPEC.:		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.44 lm/W			
MODEL		I _{max} (cd)	5745	η street_up(%)	0.0
NOMINAL POWER(W)	120	LOR(%)	100.0	η street_down(%)	66.9
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	14503	η house_up(%)	0.0
NOMINAL FLUX(lm)	14502.9	MAXIMUM @(C,γ)	0,1.0	η house_down(%)	33.1
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	η down(%)	100.0	SLI	17.811



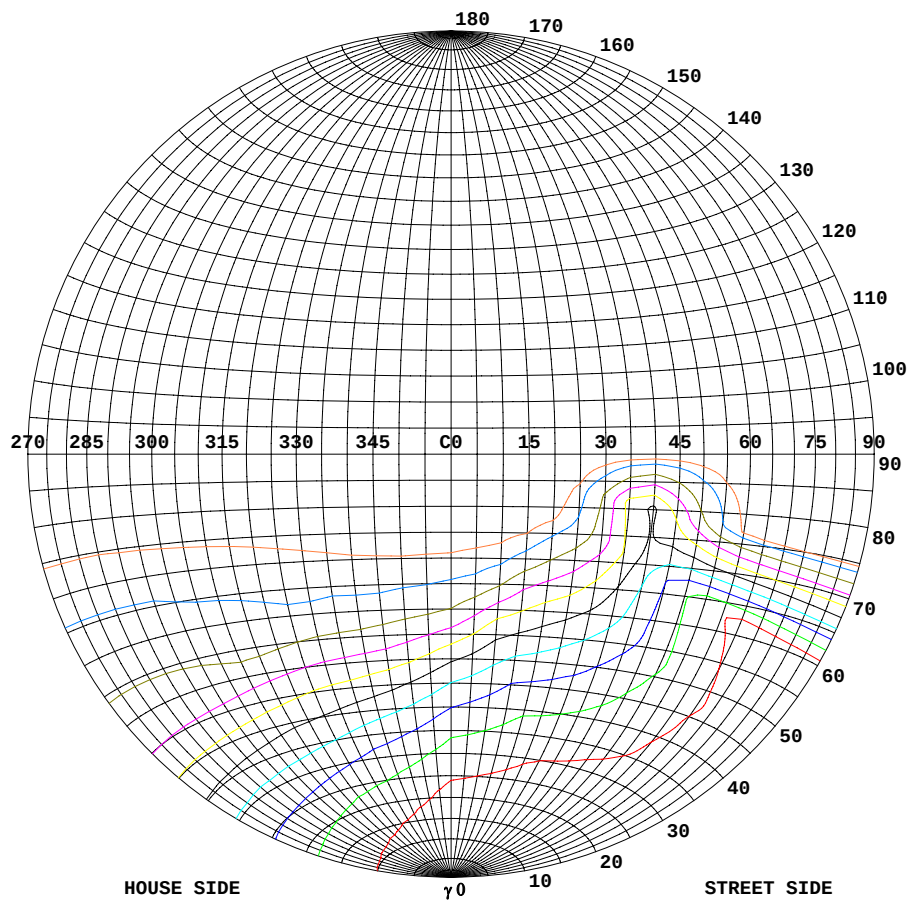
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2020-11-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

Note: SLI:Specific Luminaire Index

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

IES:Type IV - Very Short
CIE:Broad - Short
IES:None cut-off
CIE:Non-cut-off
Max.At80:206.6cd/klm
Max.At90:0.8839cd/klm
Max.80-90:206.6cd/klm

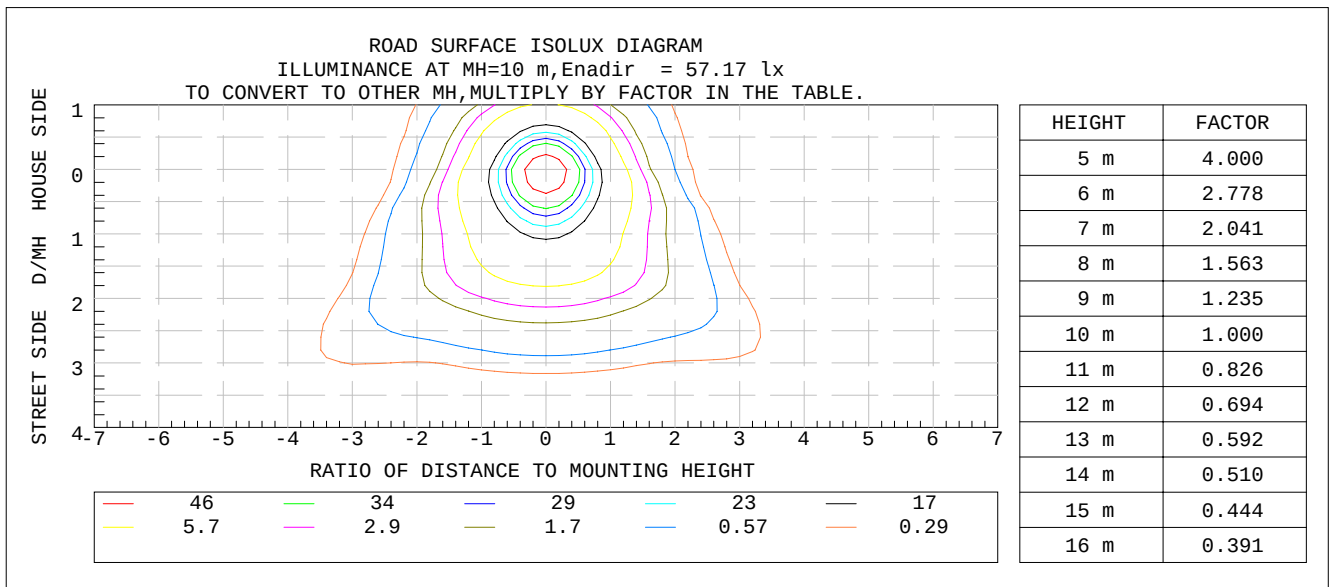
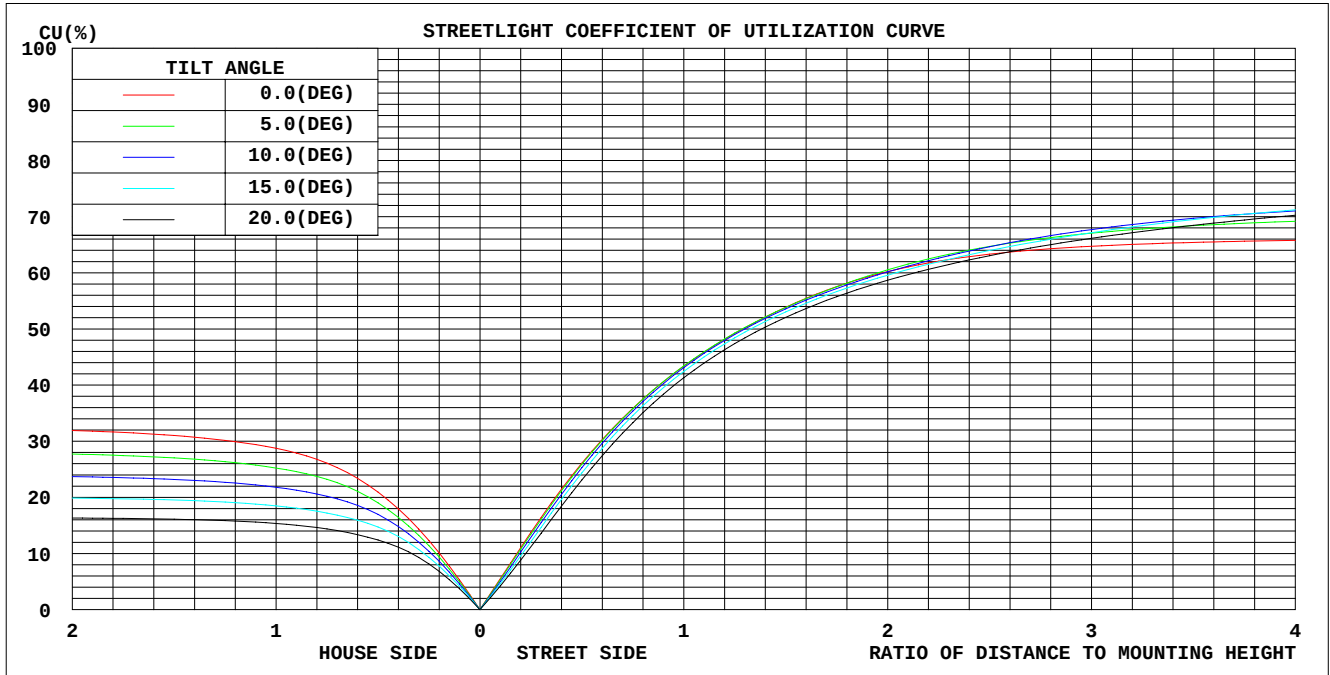
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	5745
90%	5170
80%	4596
70%	4021
60%	3447
50%	2872
40%	2298
30%	1723
20%	1149
10%	574
5%	287

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2020-11-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [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: 2020-11-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

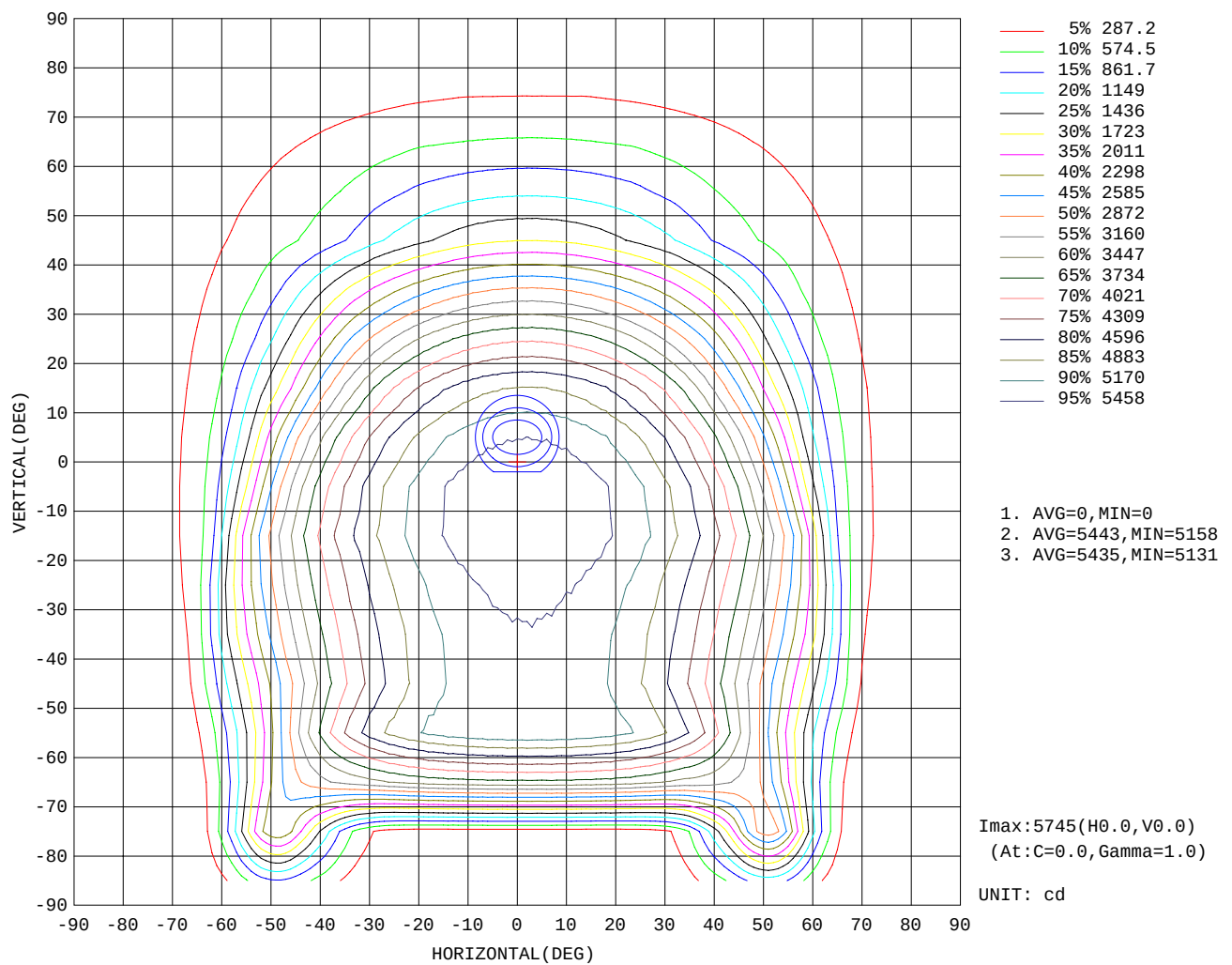
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	5727	5709	5713	5703	5701	5510	5444	5516	0- 5	135.3	135.3	0.93, 0.93
10	5638	5690	5709	5674	5599	5275	5172	5294	5- 10	397.5	532.8	3.67, 3.67
15	5522	5639	5706	5600	5485	4984	4900	5031	10- 15	642.7	1176	8.11, 8.11
20	5343	5574	5620	5521	5278	4670	4436	4732	15- 20	862.7	2038	14.1, 14.1
25	5133	5422	5534	5372	5032	4206	3973	4302	20- 25	1045	3084	21.3, 21.3
30	4838	5245	5448	5175	4713	3708	3510	3812	25- 30	1187	4271	29.4, 29.4
35	4462	5045	5431	4961	4325	3187	2909	3294	30- 35	1284	5555	38.3, 38.3
40	4008	4843	5415	4755	3858	2631	2308	2747	35- 40	1331	6885	47.5, 47.5
45	3459	4633	5399	4534	3262	2028	1708	2144	40- 45	1327	8212	56.6, 56.6
50	2779	4416	5409	4295	2550	1419	1395	1535	45- 50	1281	9493	65.5, 65.5
55	1936	4172	5420	4046	1677	867.1	1081	966.4	50- 55	1211	10704	73.8, 73.8
60	1159	4126	5430	3999	971.9	656.5	768.2	726.1	55- 60	1128	11832	81.6, 81.6
65	638.7	4059	3668	3952	513.8	484.0	599.6	526.8	60- 65	1000	12832	88.5, 88.5
70	325.4	3514	1907	3381	272.4	346.0	431.0	373.1	65- 70	750.4	13582	93.7, 93.7
75	192.5	2663	144.9	2453	165.1	234.9	262.4	254.4	70- 75	453.4	14035	96.8, 96.8
80	109.6	2103	99.29	1772	88.78	136.4	178.6	149.9	75- 80	245.0	14280	98.5, 98.5
85	45.59	1129	53.71	944.1	31.17	73.29	94.78	79.91	80- 85	164.6	14445	99.6, 99.6
90	3.809	10.08	8.135	9.540	4.787	11.45	10.97	11.12	85- 90	57.90	14503	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: 2020-11-05

γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
 Humidity: 65.0%
 Test Distance: 7.450m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOCANDELA DIAGRAM

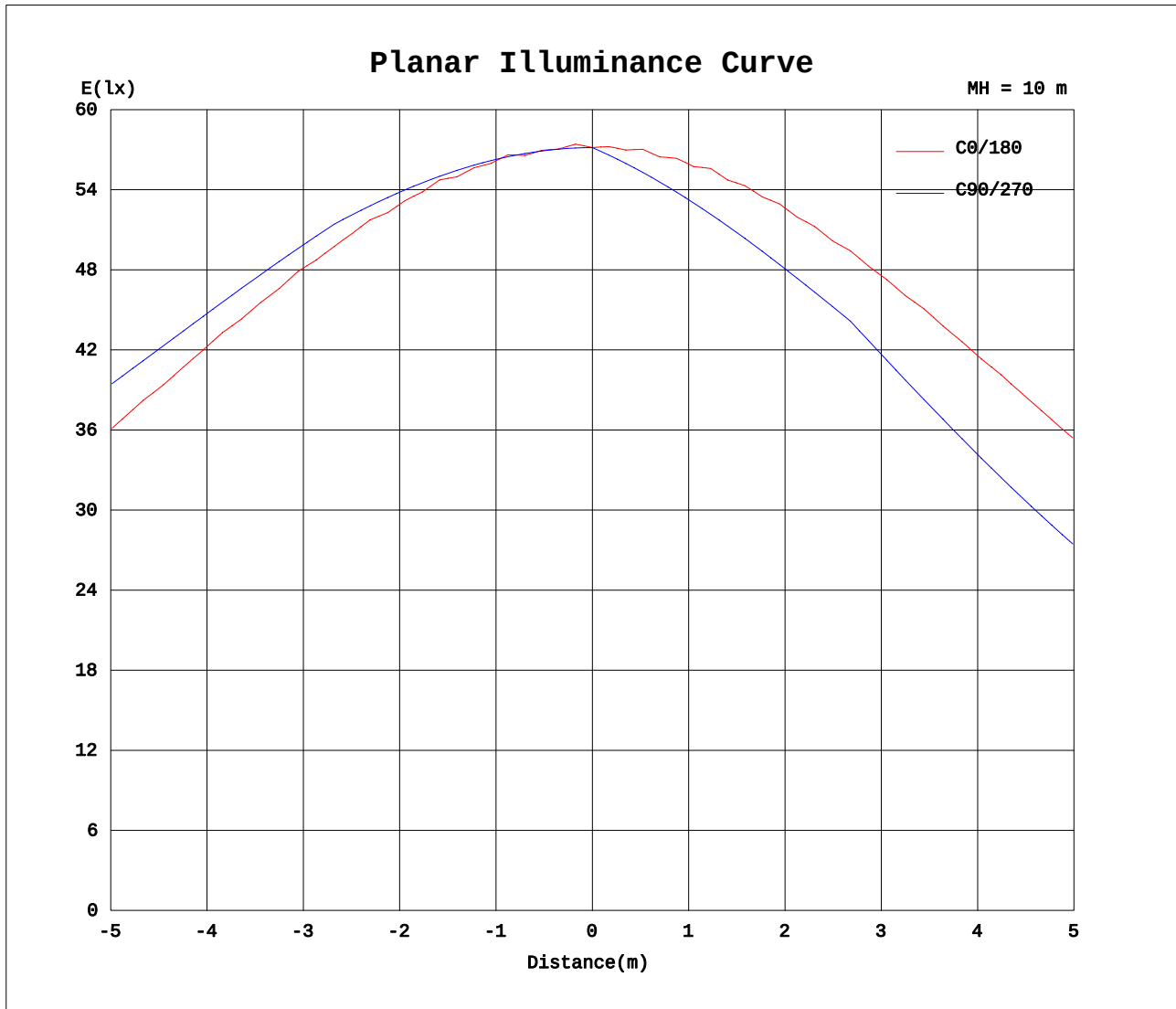


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2020-11-05

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2020-11-05

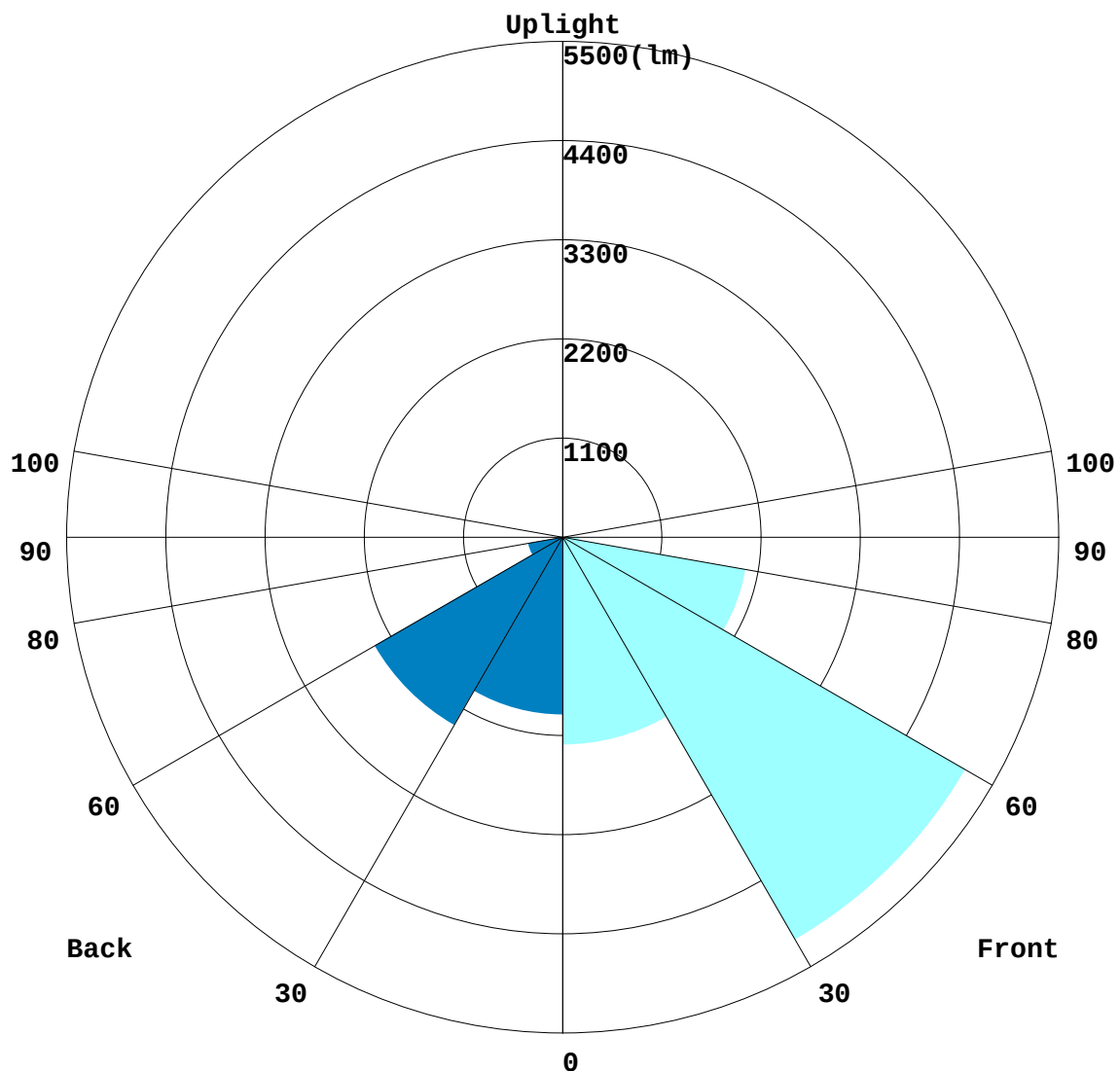
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:121.3V I:0.9439A P:113.8W PF:0.9940 Lamp Flux:14502.9x1 lm		
NAME:		
SPEC.:		
MFR.:		

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2020-11-05

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

BUG REPORT

Test:U:121.3V I:0.9439A P:113.8W PF:0.9940 Lamp Flux:14502.9x1 lm		
NAME:		
SPEC.:		
MFR.:		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2302.4	15.9
FM - Front-Medium(30-60)	5154	35.5
FH - Front-High(60-80)	2059.5	14.2
FVH - Front-Very High(80-90)	183.5	1.3
Total Forward Light	9699.4	66.9

BL - Back-Low(0-30)	1968.4	13.6
BM - Back-Medium(30-60)	2406.8	16.6
BH - Back-High(60-80)	389.23	2.7
BVH - Back-Very High(80-90)	39.007	0.3
Total Back Light	4803.5	33.1

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	B3-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4803.5	0	4803.5
Street Side	9699.4	0	9699.4

C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2020-11-05

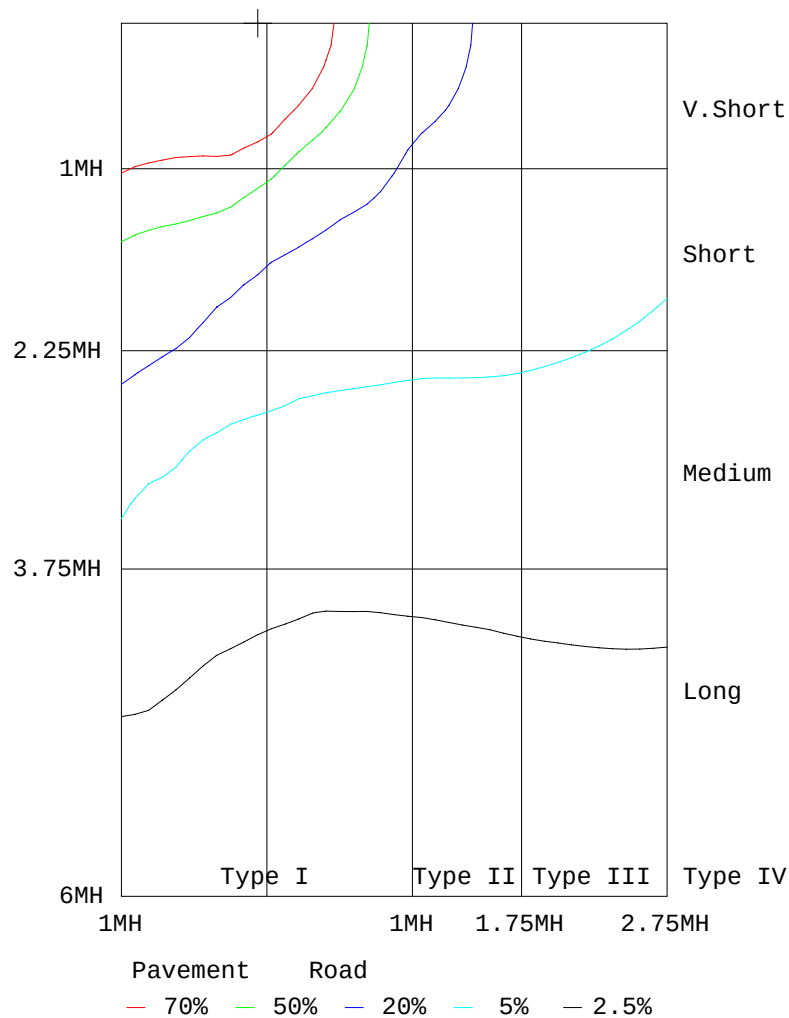
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:121.3V I:0.9439A P:113.8W PF:0.9940 Lamp Flux:14502.9x1 lm		
NAME:		
SPEC.:		
MFR.:		

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2020-11-05

γ Range: 0 - 90DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity:65.0%
Test Distance:7.450m [K=1.0000]
Remarks:

