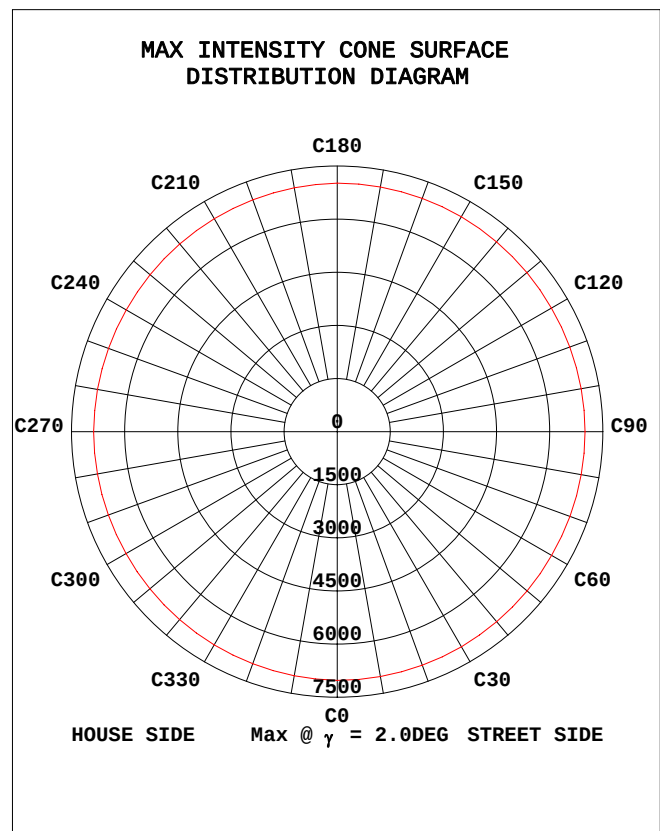
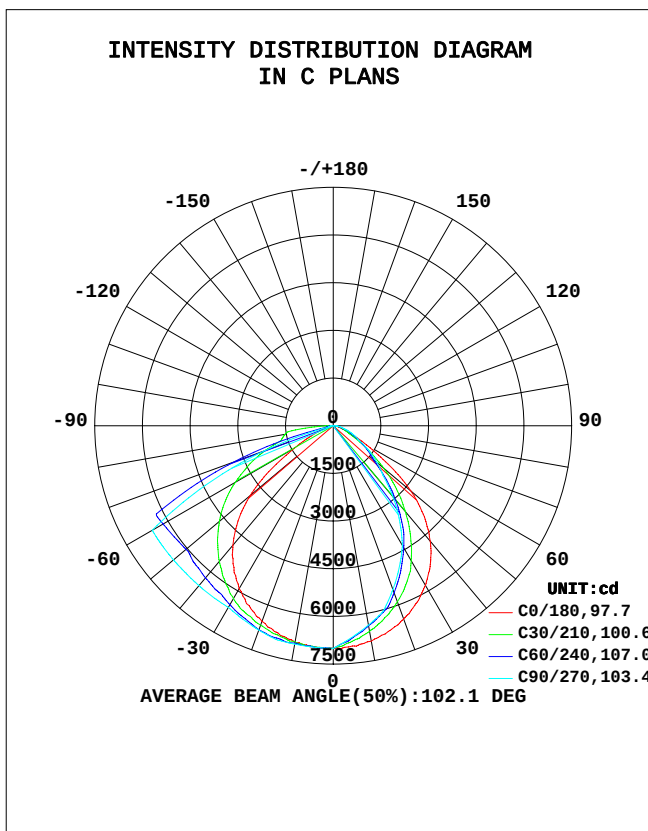


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.5V I:1.215A P:146.6W PF:0.9935 Lamp Flux:17708.9x1 lm		
NAME:		
SPEC.:		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.78 lm/W			
MODEL		I _{max} (cd)	7023	η street_up(%)	0.0
NOMINAL POWER(W)	150	LOR(%)	100.0	η street_down(%)	66.3
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	17709	η house_up(%)	0.0
NOMINAL FLUX(lm)	17708.9	MAXIMUM @(C,γ)	0,2.0	η house_down(%)	33.7
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	η down(%)	100.0	SLI	18.084



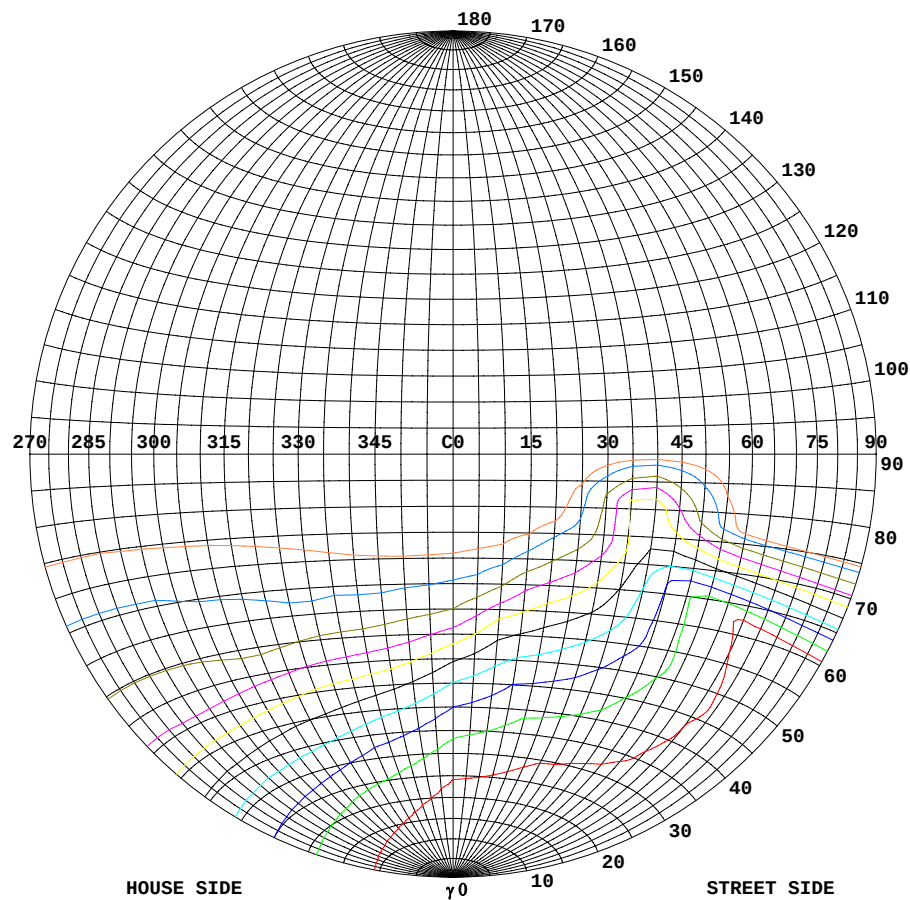
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2020-11-05

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 III - Very Short

CIE:Broad - Short

IES:Semi cut-off

CIE:Non-cut-off

Max.At80:188.7cd/klm

Max.At90:0.9072cd/klm

Max.80-90:188.7cd/klm

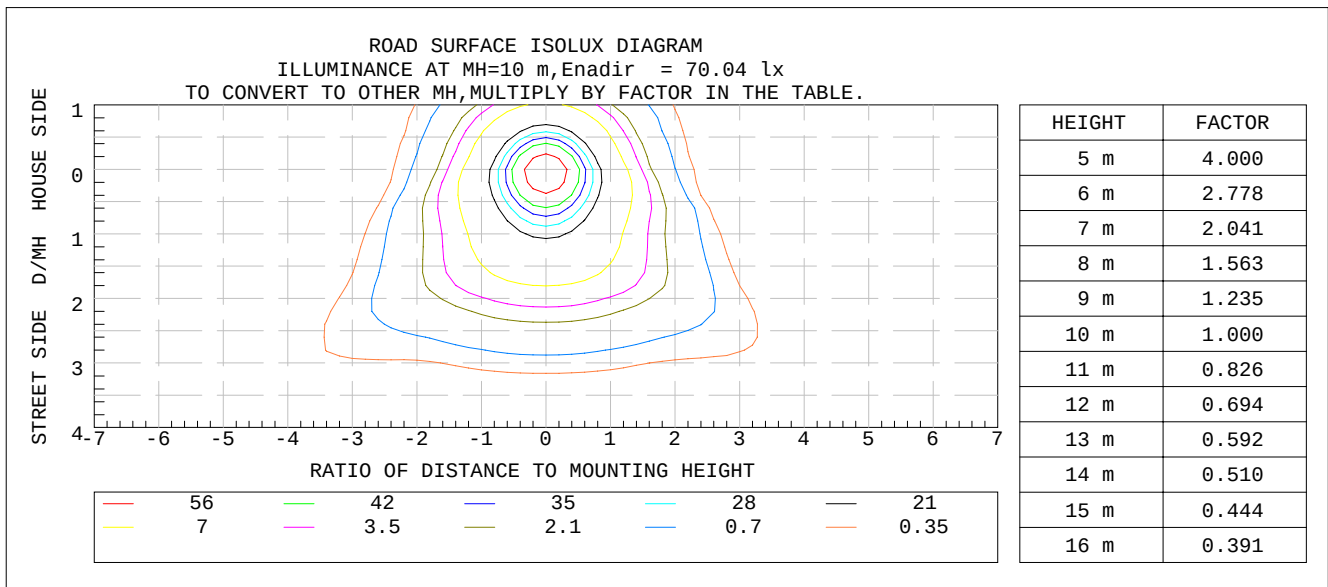
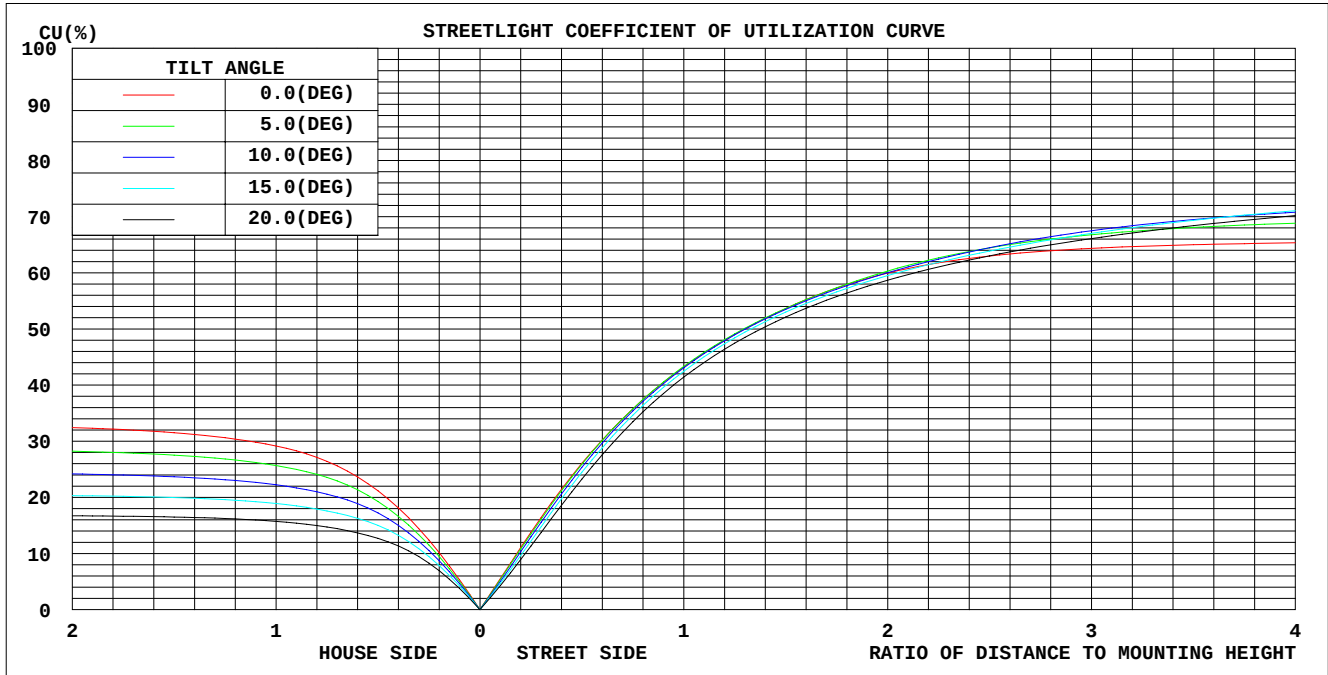
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7023
90%	6320
80%	5618
70%	4916
60%	4214
50%	3511
40%	2809
30%	2107
20%	1405
10%	702
5%	351

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

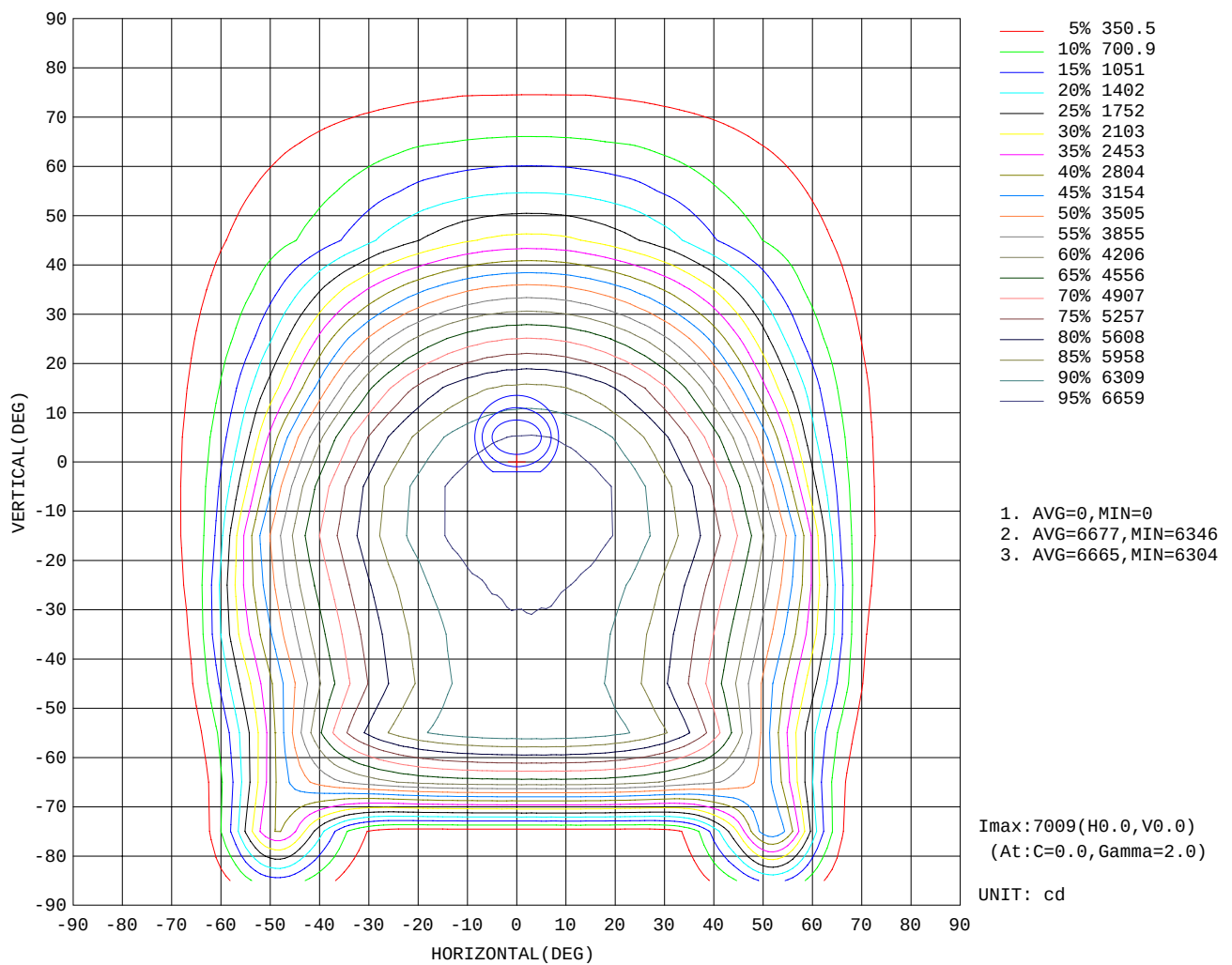
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	6968	6981	6990	6967	6953	6752	6687	6765	0- 5	165.6	165.6	0.93, 0.93
10	6926	6928	6976	6915	6883	6463	6371	6491	5- 10	486.5	652.0	3.68, 3.68
15	6745	6876	6962	6839	6697	6138	6054	6189	10- 15	787.0	1439	8.13, 8.13
20	6551	6799	6841	6723	6475	5775	5486	5836	15- 20	1057	2496	14.1, 14.1
25	6250	6602	6719	6534	6168	5208	4917	5302	20- 25	1281	3776	21.3, 21.3
30	5920	6376	6598	6299	5800	4602	4349	4710	25- 30	1455	5231	29.5, 29.5
35	5449	6122	6584	6052	5326	3976	3638	4069	30- 35	1574	6804	38.4, 38.4
40	4914	5857	6570	5761	4750	3288	2927	3404	35- 40	1632	8437	47.6, 47.6
45	4239	5631	6556	5514	4058	2549	2216	2661	40- 45	1630	10066	56.8, 56.8
50	3410	5361	6563	5218	3187	1807	1794	1925	45- 50	1574	11640	65.7, 65.7
55	2384	5059	6570	4914	2115	1121	1372	1218	50- 55	1485	13125	74.1, 74.1
60	1407	5014	6577	4864	1214	839.0	949.5	909.0	55- 60	1378	14503	81.9, 81.9
65	768.4	4948	4438	4812	643.3	610.6	743.6	652.6	60- 65	1217	15720	88.8, 88.8
70	391.1	4217	2299	4073	337.2	433.6	537.7	459.9	65- 70	911.3	16632	93.9, 93.9
75	231.4	3002	160.8	2812	205.8	295.7	331.9	315.5	70- 75	544.1	17176	97, 97
80	131.1	2174	109.1	1894	110.8	174.4	225.9	186.9	75- 80	282.0	17458	98.6, 98.6
85	53.59	1178	57.40	1016	39.54	93.04	119.9	99.92	80- 85	186.0	17644	99.6, 99.6
90	4.513	6.903	5.719	8.000	5.202	13.84	13.85	14.40	85- 90	65.00	17709	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

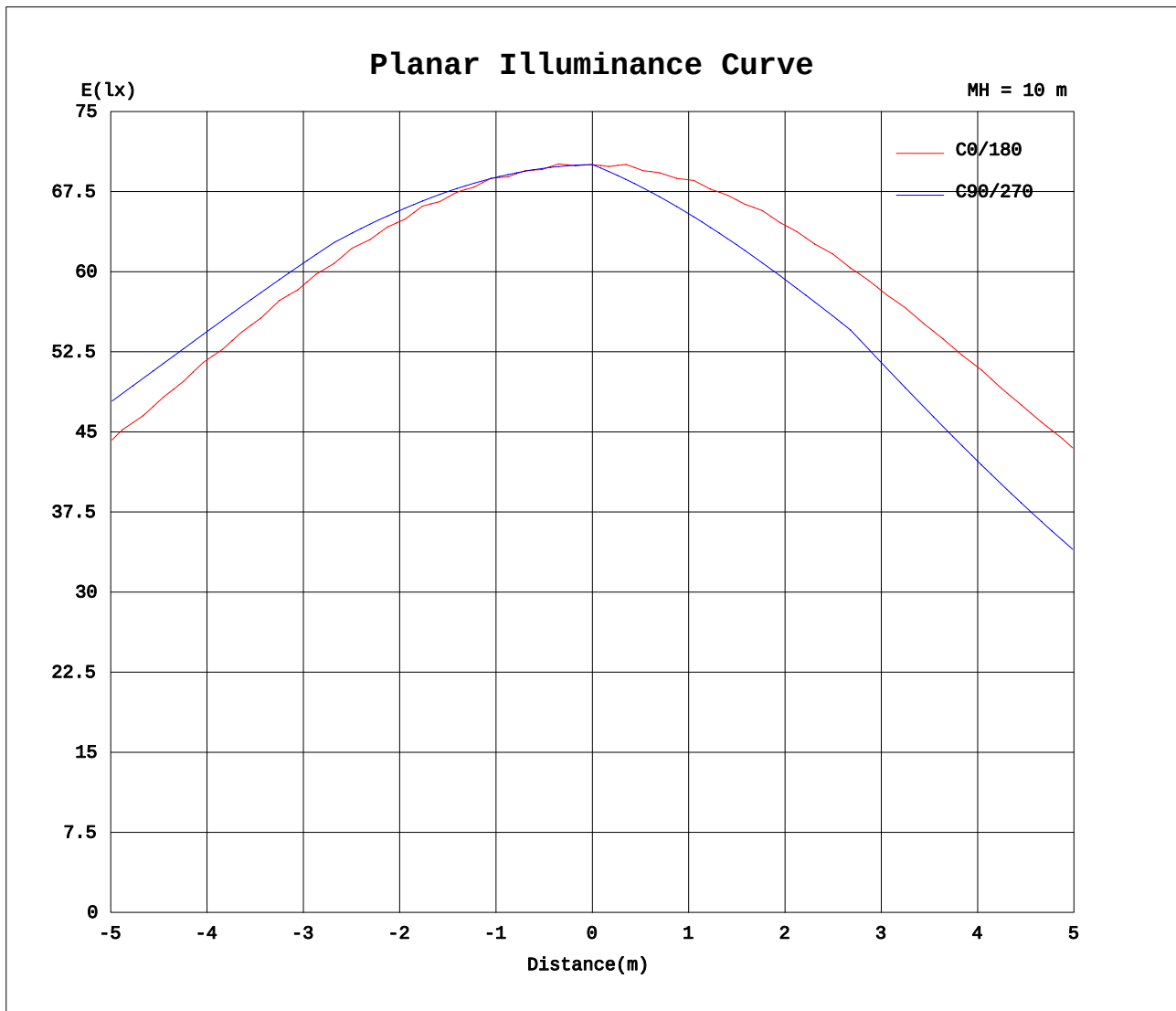


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2020-11-05

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

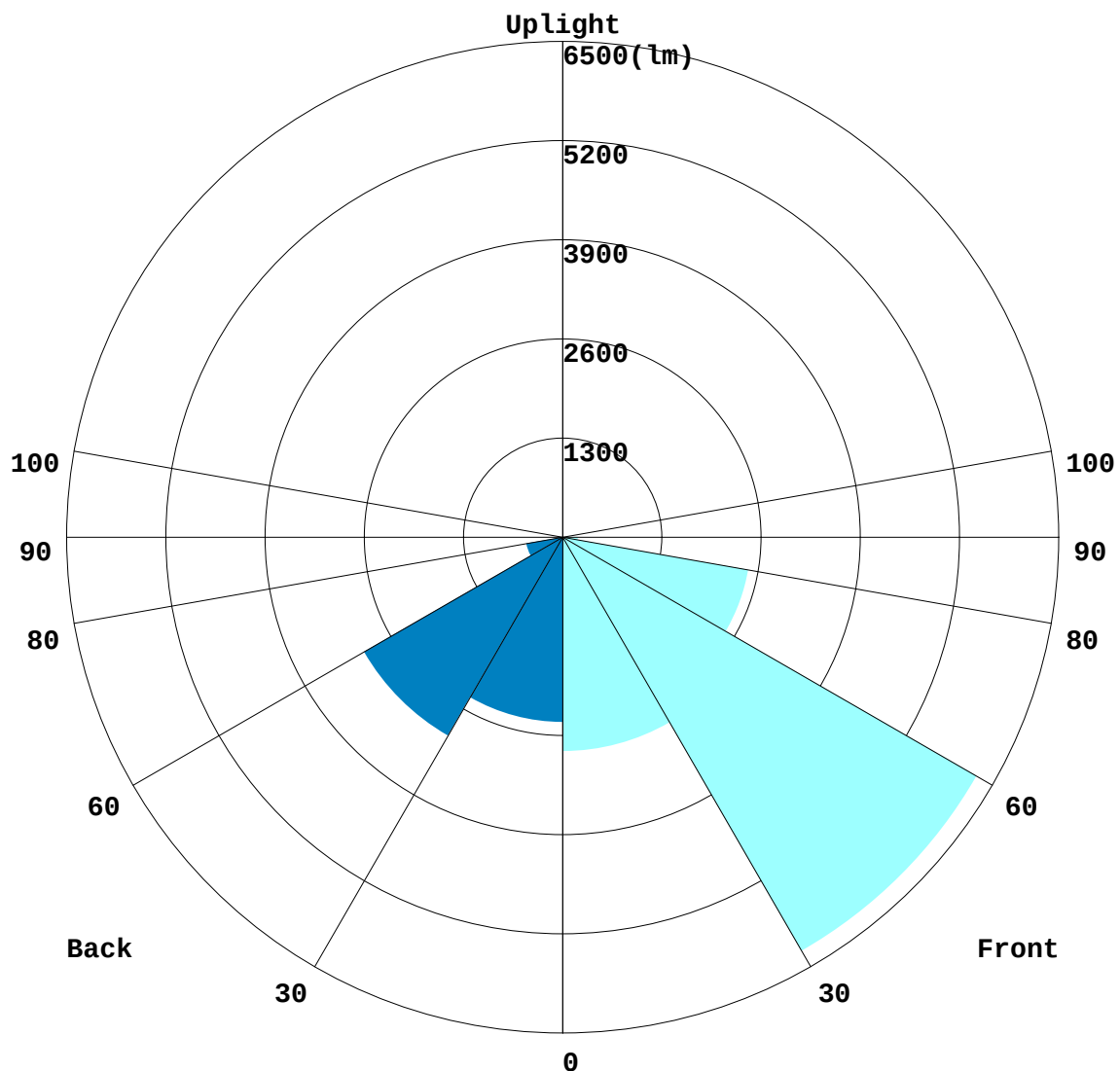
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:121.5V I:1.215A P:146.6W PF:0.9935 Lamp Flux:17708.9x1 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:121.5V I:1.215A P:146.6W PF:0.9935 Lamp Flux:17708.9x1 lm		
NAME:		
SPEC.:		
MFR.:		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2806.7	15.8
FM - Front-Medium(30-60)	6265.4	35.4
FH - Front-High(60-80)	2470.6	14.0
FVH - Front-Very High(80-90)	201.99	1.1
Total Forward Light	11745	66.3

BL - Back-Low(0-30)	2424.2	13.7
BM - Back-Medium(30-60)	3006.6	17.0
BH - Back-High(60-80)	484.24	2.7
BVH - Back-Very High(80-90)	49.039	0.3
Total Back Light	5964.1	33.7

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	B3-U0-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5964.1	0	5964.1
Street Side	11745	0	11745

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

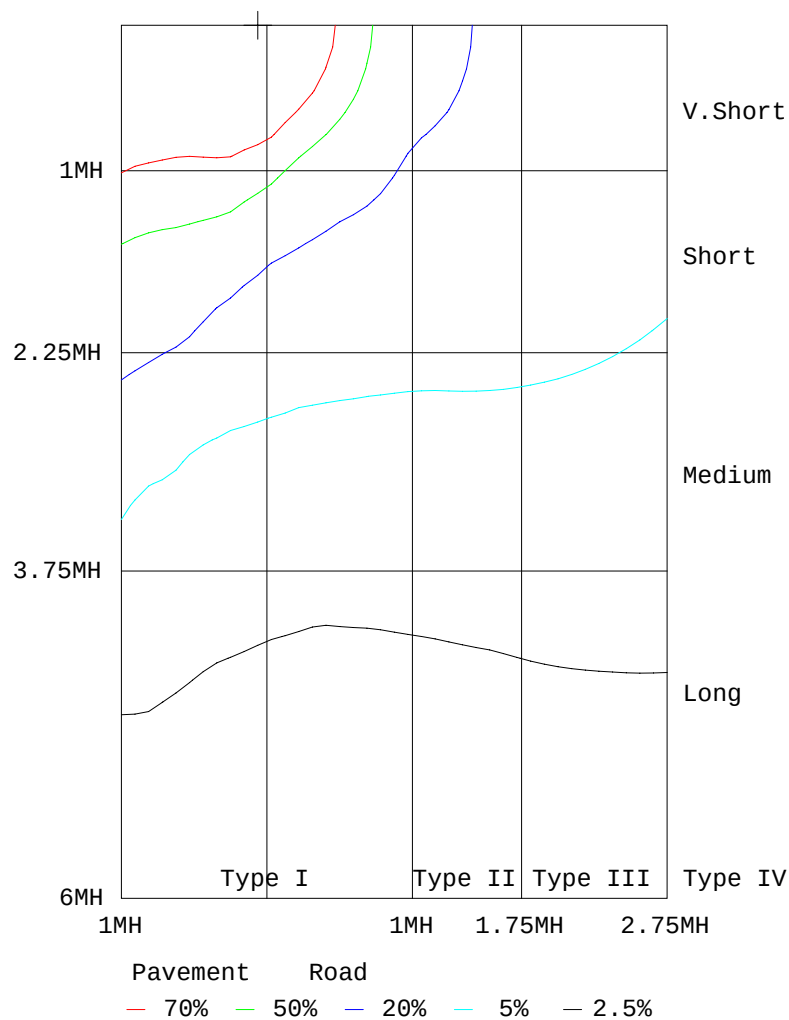
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:121.5V I:1.215A P:146.6W PF:0.9935 Lamp Flux:17708.9x1 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:

