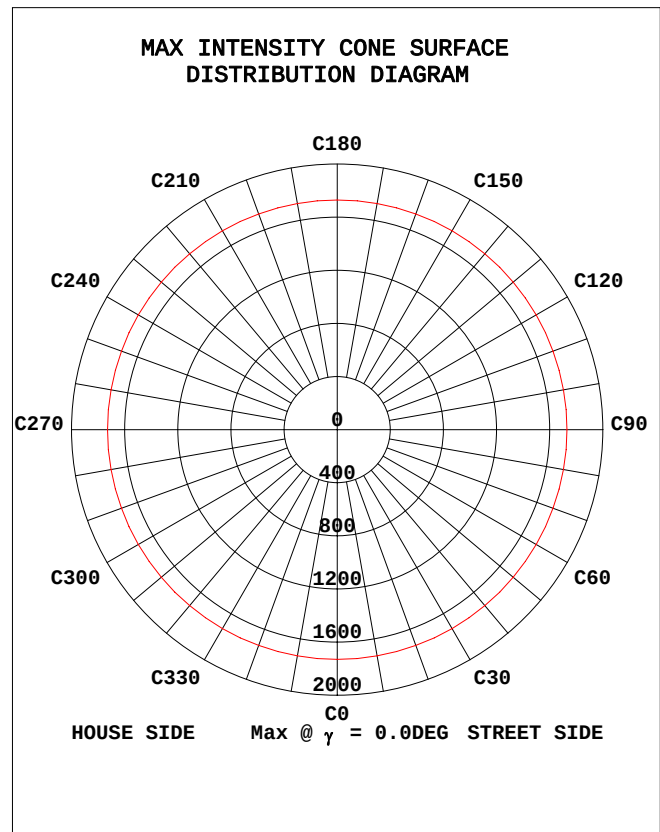
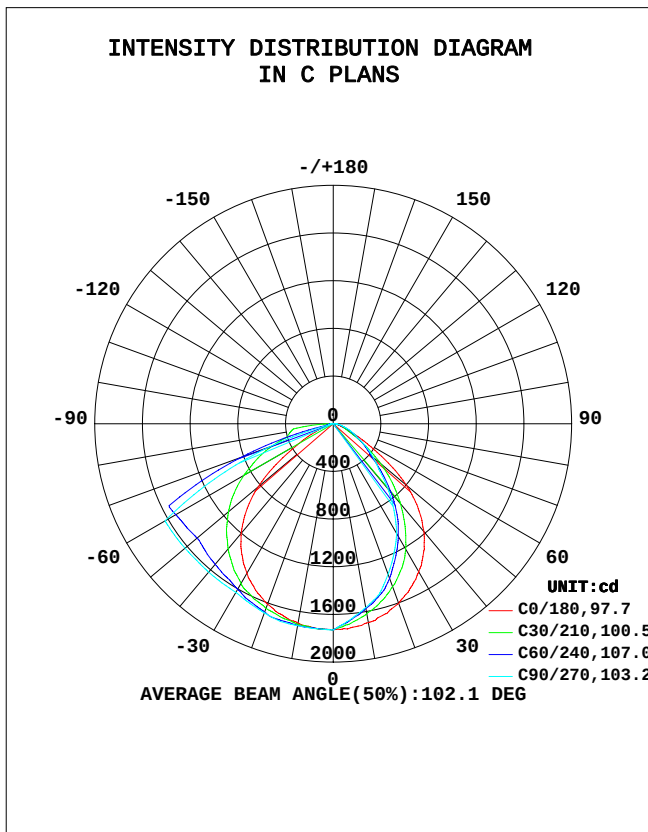


EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.0V I:0.2521A P:29.26W PF:0.9590 Lamp Flux:4371.59x1 lm		
NAME:		
SPEC.:		
MFR.:		

DATA OF LAMP		PHOTOMETRIC DATA Eff: 149.41 lm/W			
MODEL		I _{max} (cd)	1730	η street_up(%)	0.0
NOMINAL POWER(W)	30	LOR(%)	100.0	η street_down(%)	66.5
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	4372	η house_up(%)	0.0
NOMINAL FLUX(lm)	4371.59	MAXIMUM @(C,γ)	0,0.0	η house_down(%)	33.5
LAMPS INSIDE	1	η up(%)	0.0	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	120	η down(%)	100.0	SLI	16.048



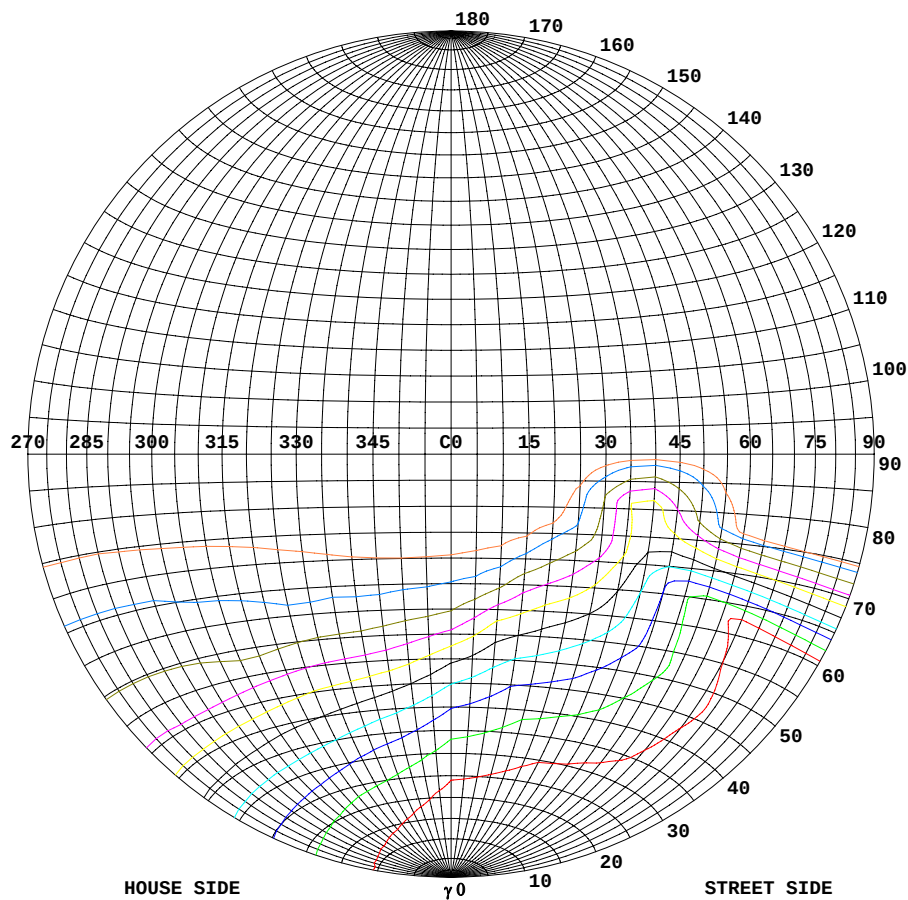
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature:25DEG
 Operators:
 Test Date:2020-11-05

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.At80:182.8cd/klm

Max.At90:0.8630cd/klm

Max.80-90:182.8cd/klm

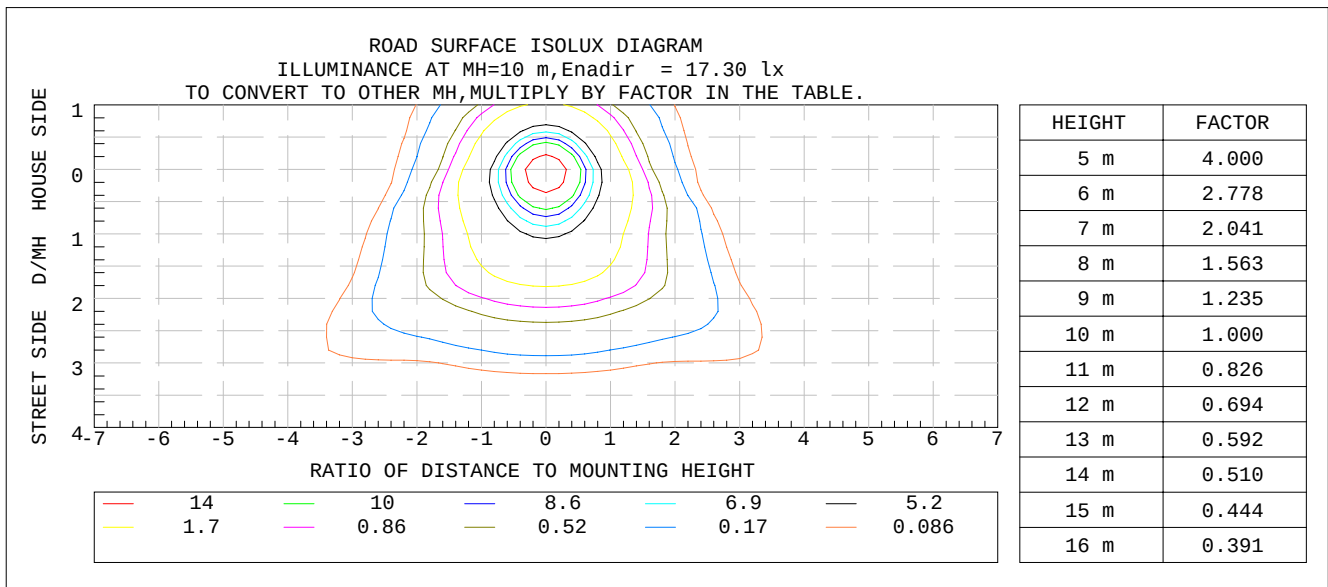
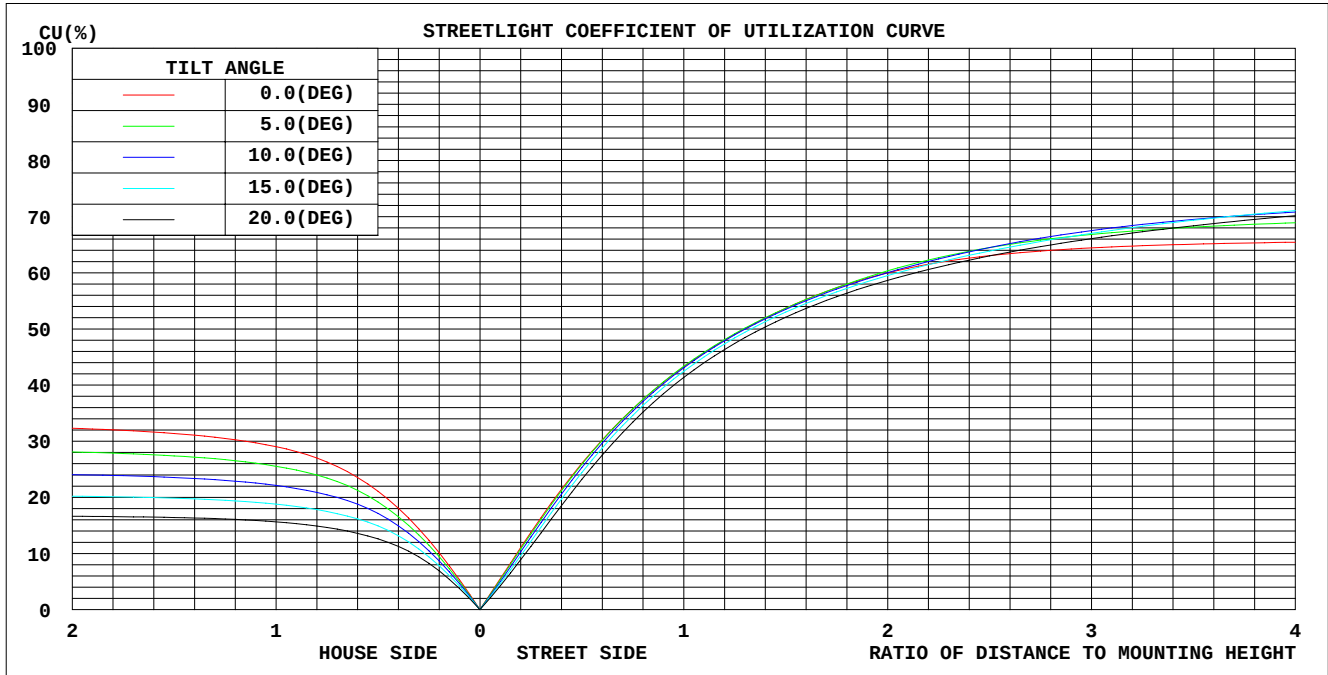
ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	1730
90%	1557
80%	1384
70%	1211
60%	1038
50%	865
40%	692
30%	519
20%	346
10%	173
5%	86

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

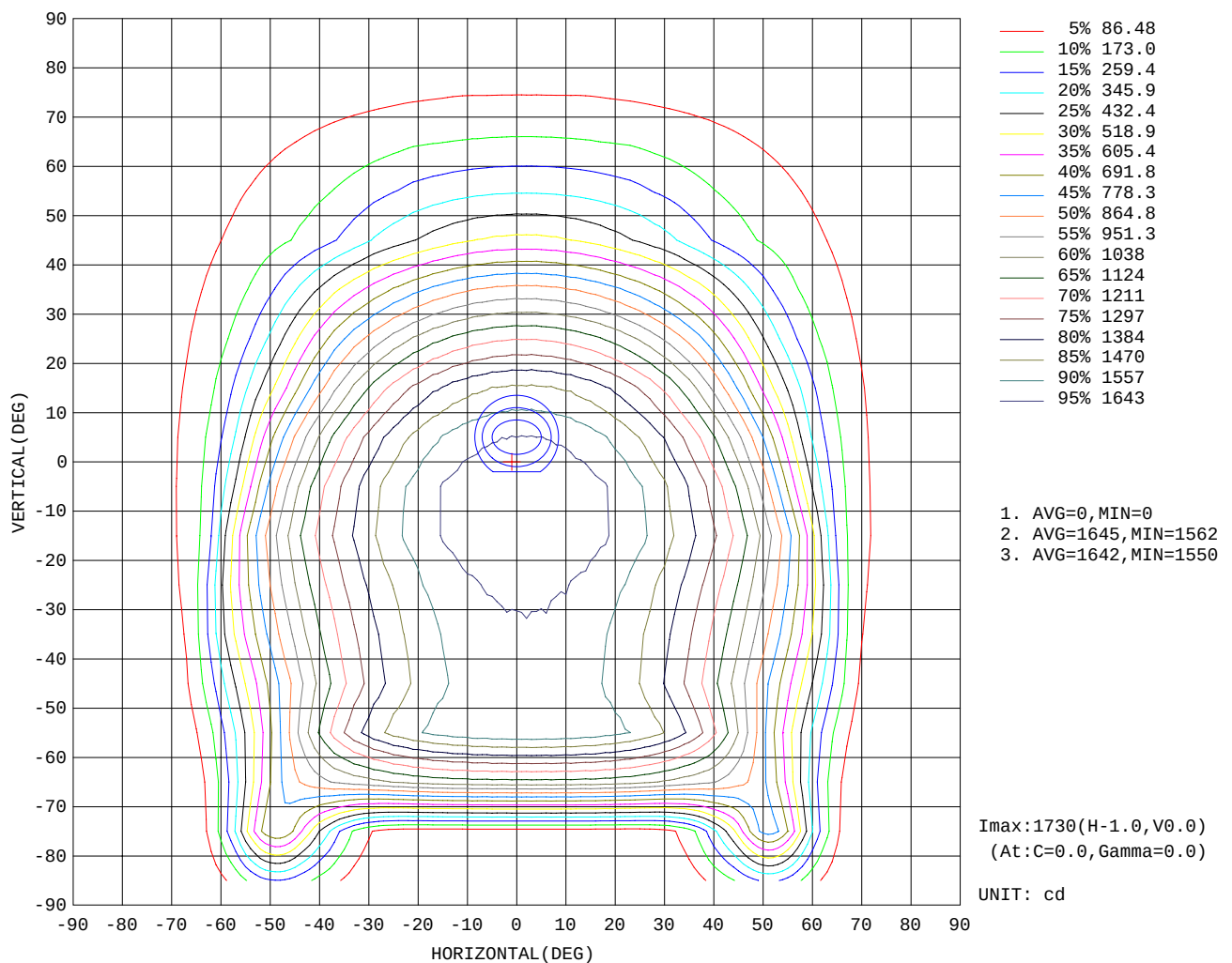
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	1721	1723	1725	1721	1717	1665	1648	1668	0- 5	40.83	40.83	0.93, 0.93
10	1698	1710	1721	1708	1693	1593	1566	1596	5- 10	119.9	160.7	3.68, 3.68
15	1660	1692	1717	1689	1656	1514	1485	1521	10- 15	194.0	354.7	8.11, 8.11
20	1611	1672	1689	1662	1605	1427	1345	1436	15- 20	260.4	615.1	14.1, 14.1
25	1541	1629	1661	1615	1525	1286	1205	1298	20- 25	315.6	930.7	21.3, 21.3
30	1448	1574	1633	1560	1435	1135	1065	1149	25- 30	358.4	1289	29.5, 29.5
35	1337	1509	1629	1500	1320	978.0	890.0	993.6	30- 35	387.7	1677	38.4, 38.4
40	1202	1441	1625	1428	1186	812.4	715.0	825.5	35- 40	402.2	2079	47.6, 47.6
45	1030	1386	1621	1369	1009	633.1	539.9	644.5	40- 45	401.6	2481	56.7, 56.7
50	819.9	1315	1624	1294	799.9	450.9	438.0	464.0	45- 50	387.9	2869	65.6, 65.6
55	562.9	1242	1627	1217	542.9	281.4	336.1	293.1	50- 55	366.2	3235	74, 74
60	331.7	1230	1630	1208	313.6	211.2	234.2	219.4	55- 60	340.2	3575	81.8, 81.8
65	181.2	1212	1100	1188	166.5	152.7	183.2	158.2	60- 65	300.9	3876	88.7, 88.7
70	92.65	1033	571.0	1018	87.14	108.7	132.3	112.1	65- 70	225.2	4101	93.8, 93.8
75	55.37	734.5	41.79	743.6	52.86	74.31	81.31	76.54	70- 75	135.1	4236	96.9, 96.9
80	30.95	528.2	28.67	544.7	28.97	44.10	55.29	45.03	75- 80	71.33	4308	98.5, 98.5
85	12.06	286.1	15.56	290.0	10.90	23.53	29.27	24.00	80- 85	47.35	4355	99.6, 99.6
90	1.099	2.620	2.446	2.751	1.357	3.320	3.247	3.304	85- 90	16.65	4372	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

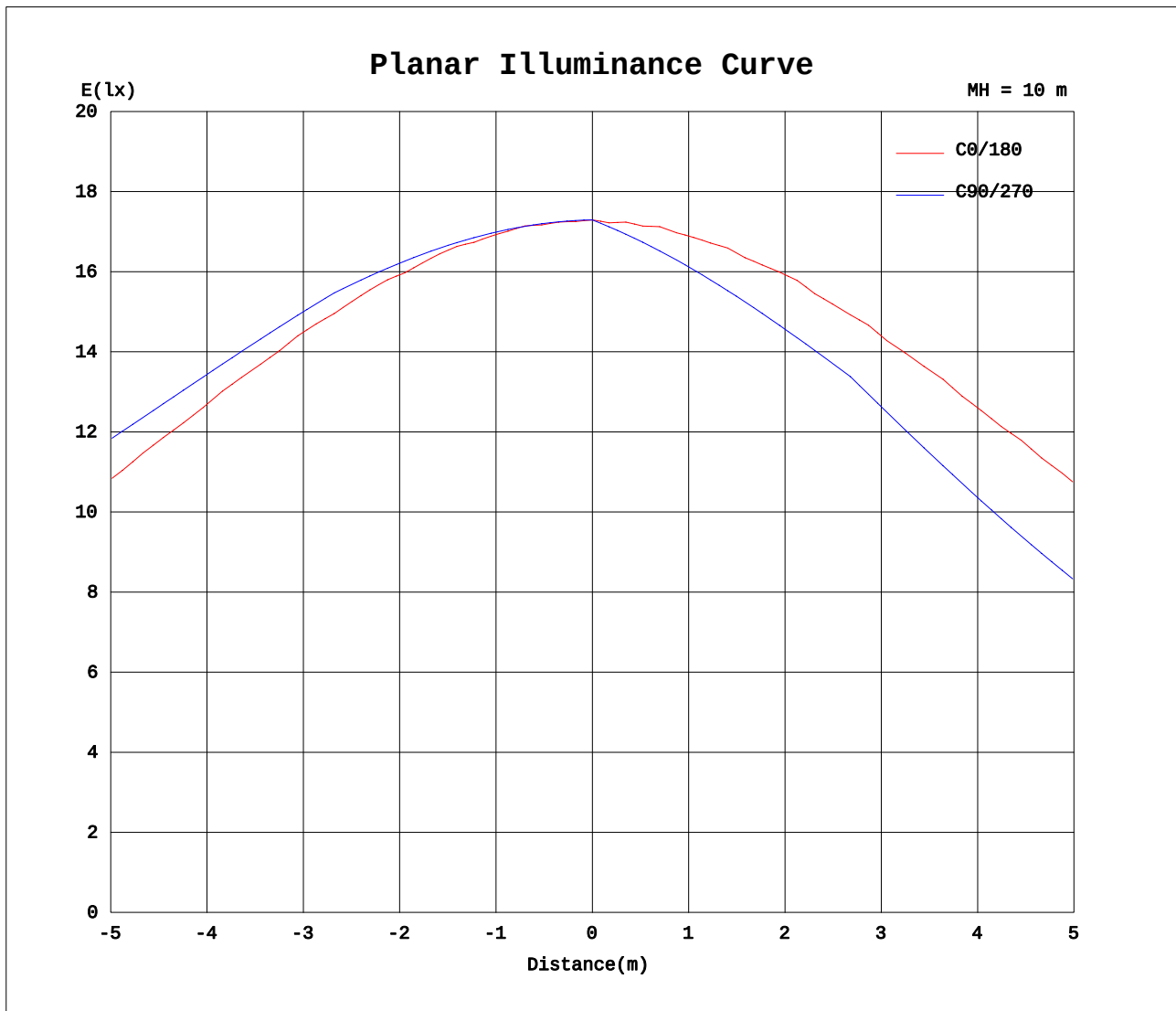


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2020-11-05

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

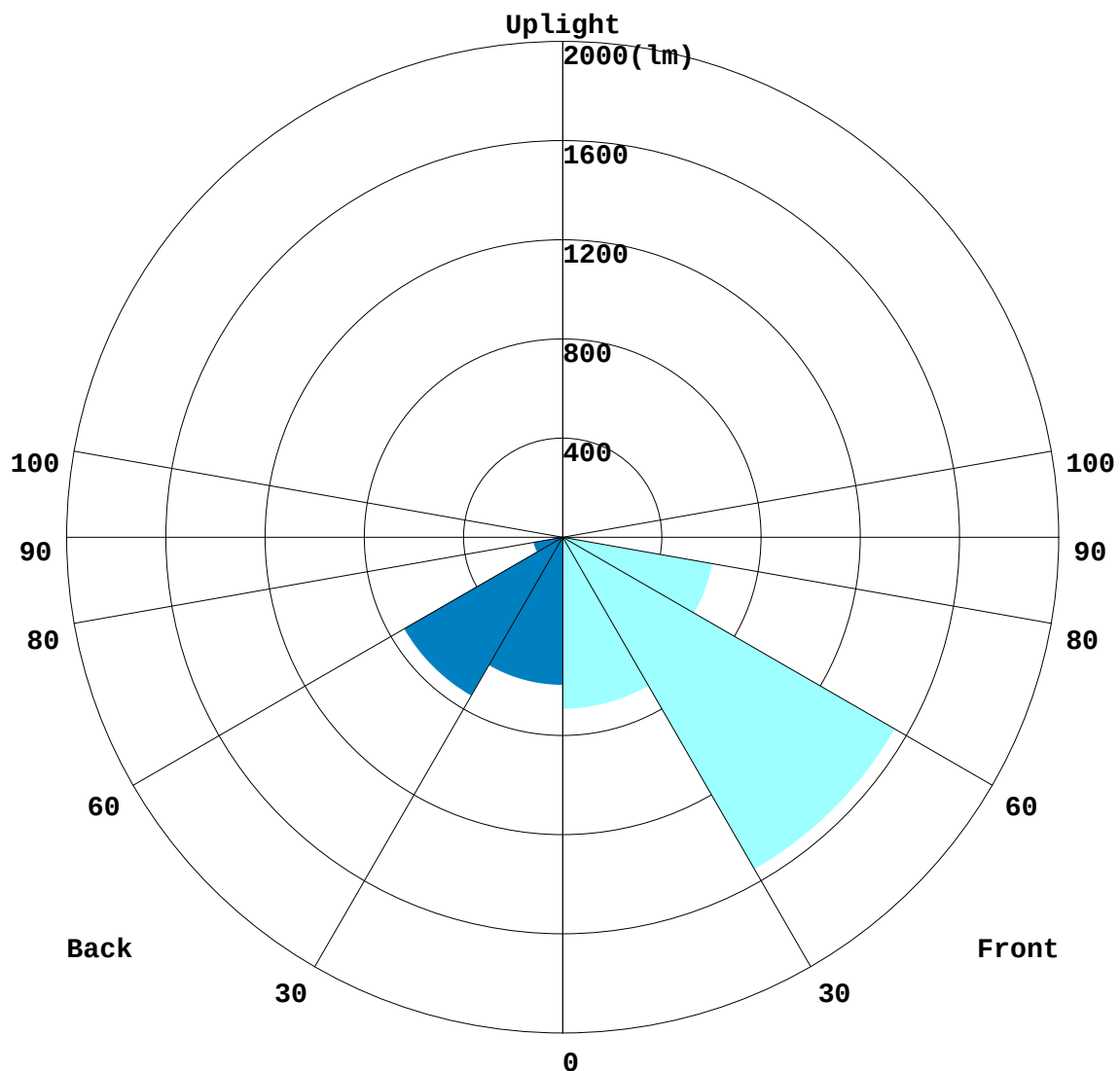
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.350
Humidity: 65.0%
Test Distance: 7.450m [K=1.0000]
Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

LCS REPORT

Test:U:121.0V I:0.2521A P:29.26W PF:0.9590 Lamp Flux:4371.59x1 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:121.0V I:0.2521A P:29.26W PF:0.9590 Lamp Flux:4371.59x1 lm		
NAME:		
SPEC.:		
MFR.:		

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	692.76	15.8
FM - Front-Medium(30-60)	1547.3	35.4
FH - Front-High(60-80)	613.11	14.0
FVH - Front-Very High(80-90)	51.967	1.2
Total Forward Light	2905.1	66.5

BL - Back-Low(0-30)	596.38	13.6
BM - Back-Medium(30-60)	738.6	16.9
BH - Back-High(60-80)	119.45	2.7
BVH - Back-Very High(80-90)	12.034	0.3
Total Back Light	1466.5	33.5

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-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1466.5	0	1466.5
Street Side	2905.1	0	2905.1

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

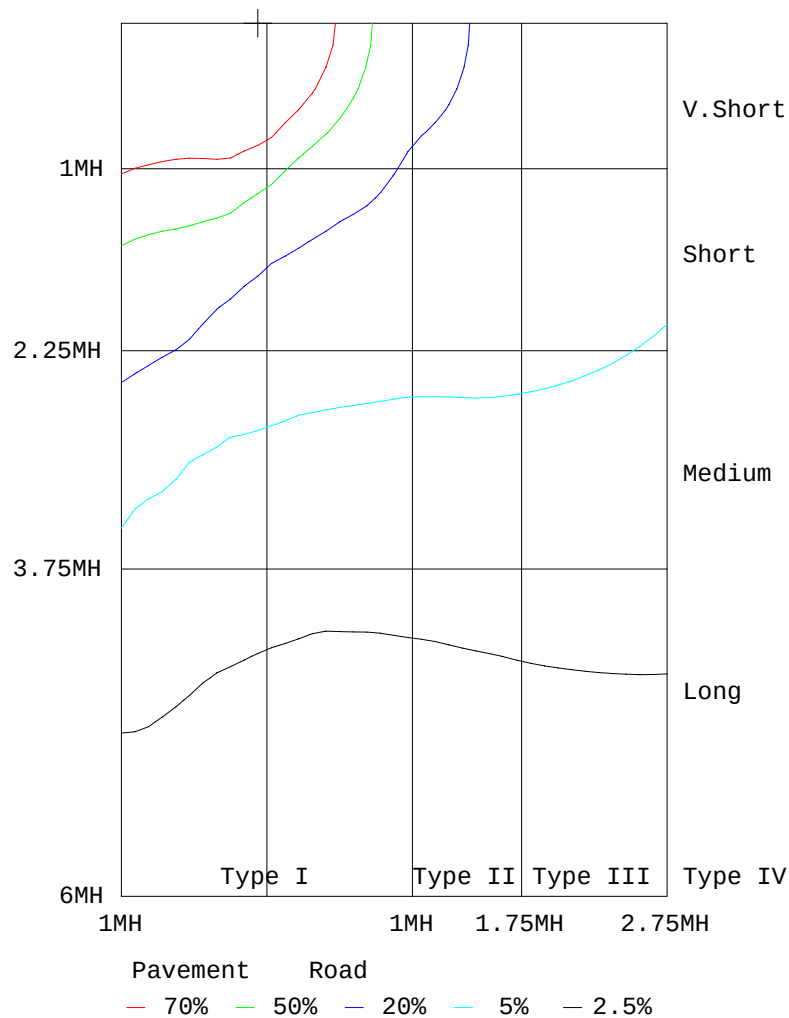
γ Range: 0 - 90DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.350
 Humidity:65.0%
 Test Distance:7.450m [K=1.0000]
 Remarks:

EVERFINE GONIOPHOTOMETERS SYSTEM TEST REPORT

ROAD ISOCANDELA REPORT

Test:U:121.0V I:0.2521A P:29.26W PF:0.9590 Lamp Flux:4371.59x1 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:

