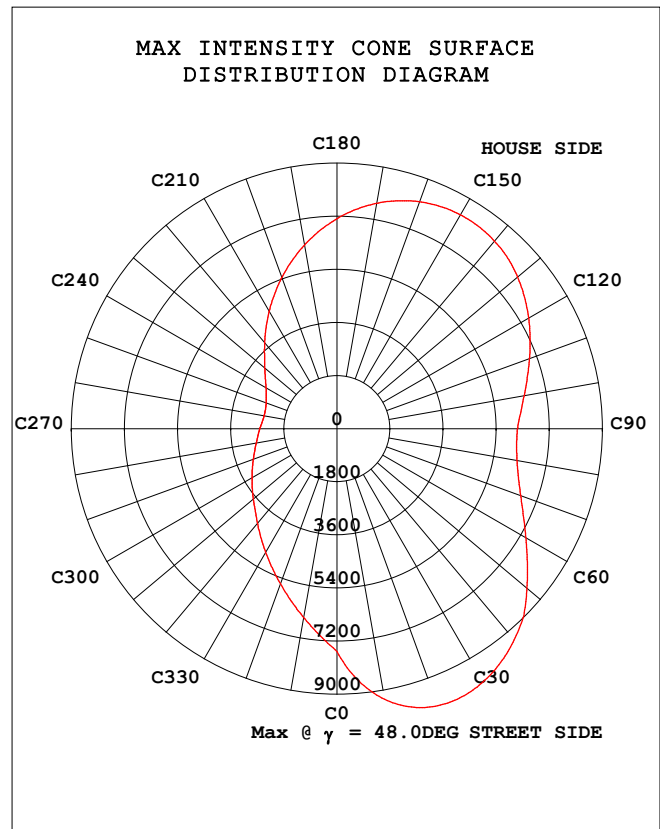
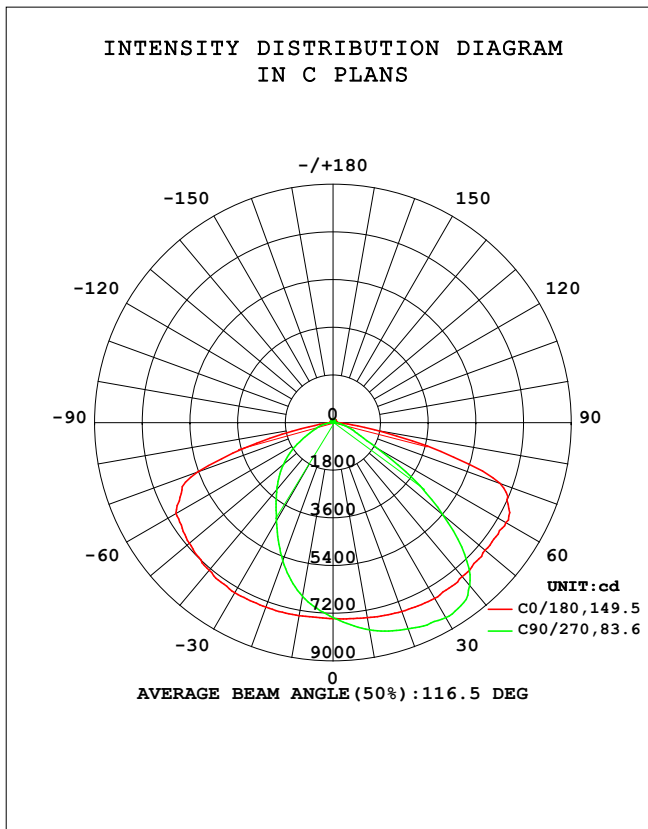


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:218.37V I:0.9394A P:201.66W PF:0.9831 Freq:49.99Hz Lamp Flux:25698.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 127.43 lm/W			
MODEL		I _{max} (cd)	8958	η street_up (%)	1.5
NOMINAL POWER (W)	200W	LOR (%)	100.0	η street_down (%)	59.5
RATED VOLTAGE (V)		TOTAL FLUX (lm)	25698	η house_up (%)	0.9
NOMINAL FLUX (lm)	25698.3	MAXIMUM @ (C, γ)	45,48.0	η house_down (%)	38.1
LAMPS INSIDE	1	η up (%)	2.4	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	97.6	SLI	21.682

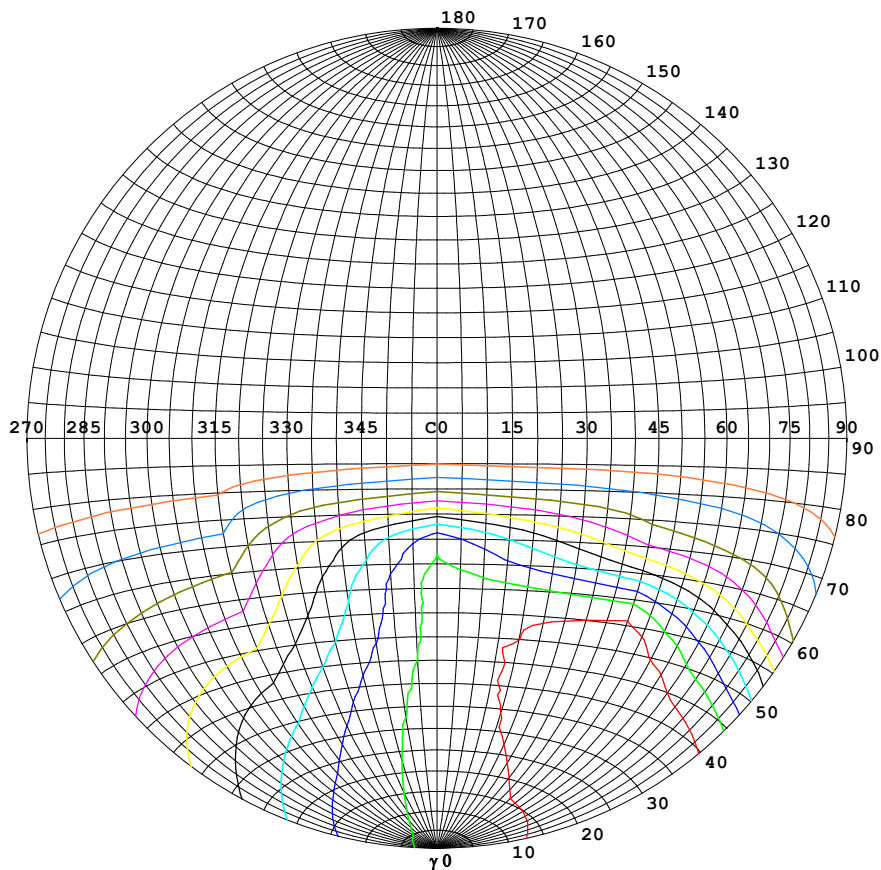


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:218.37V I:0.9394A P:201.66W PF:0.9831 Freq:49.99Hz Lamp Flux:25698.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



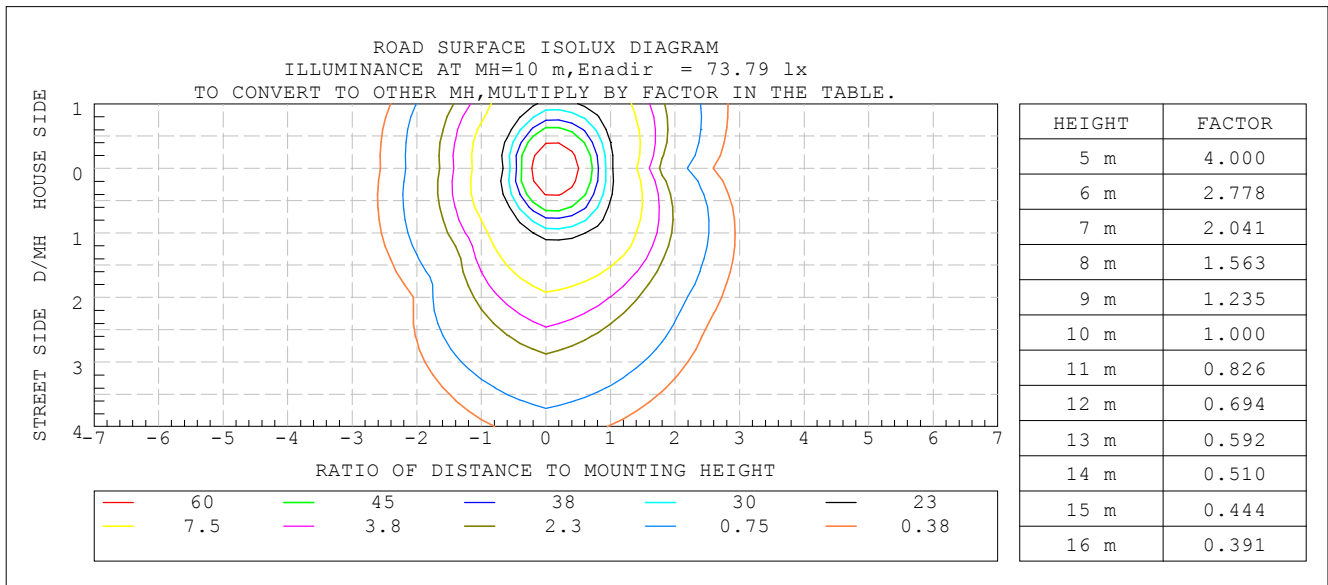
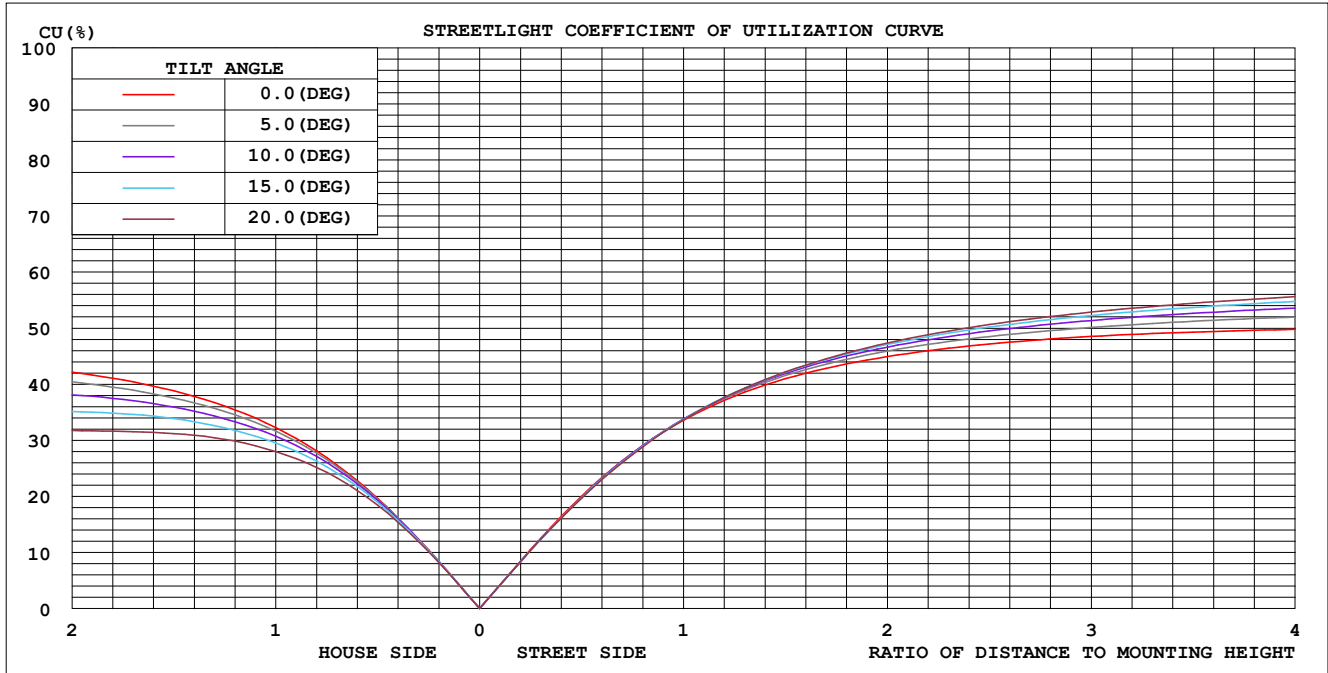
Classification:

IES:Type IV - Very Short
CIE:Narrow - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:61.83cd/klm
Max.At90:7.138cd/klm
Max.80-90:61.83cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	8958
90%	8062
80%	7166
70%	6270
60%	5375
50%	4479
40%	3583
30%	2687
20%	1792
10%	896
5%	448

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

gamma Range: 0 - 180DEG
gamma Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:218.37V I:0.9394A P:201.66W PF:0.9831 Freq:49.99Hz Lamp Flux:25698.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

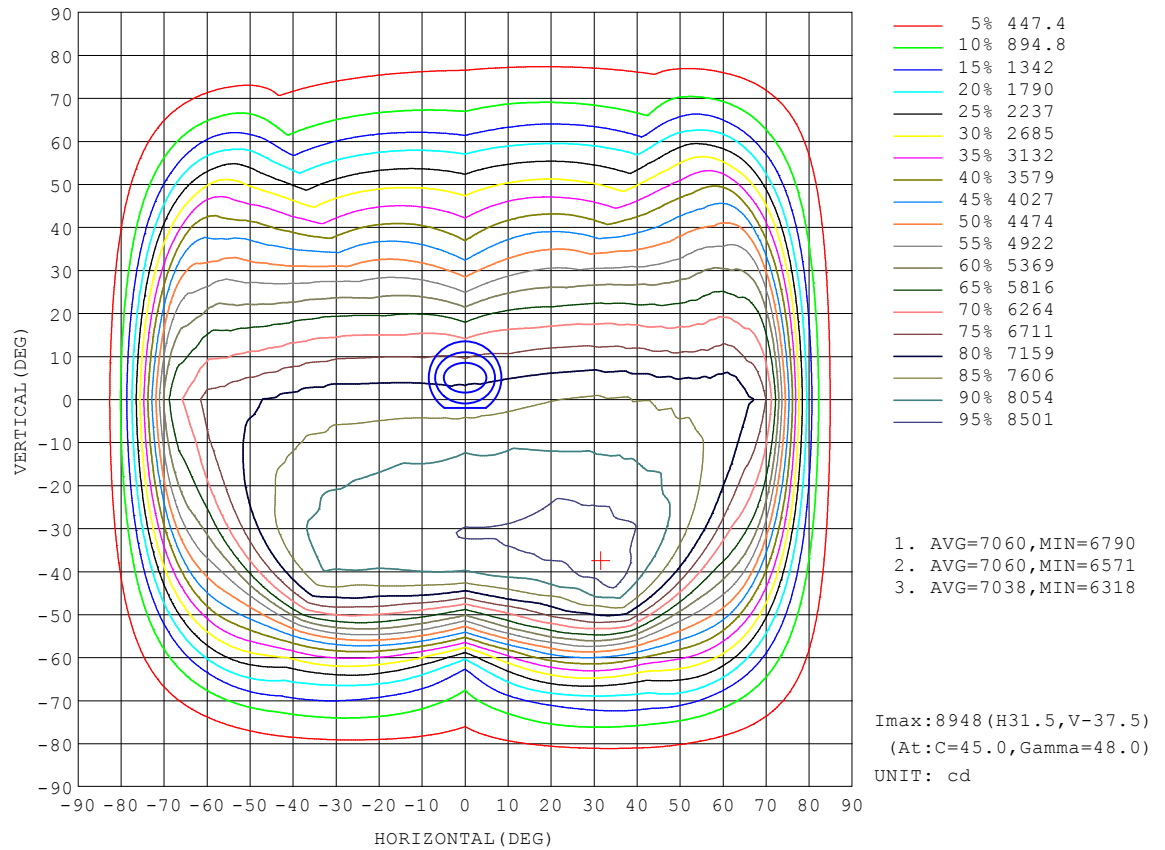
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	Φ lum, lamp
10	7478	7814	7944	7763	7399	6896	6663	6945	0- 10	703.3	703.3	2.74,2.74
20	7587	8188	8286	8044	7415	6310	5551	6438	10- 20	2070	2773	10.8,10.8
30	7666	8469	8508	8231	7420	5516	4284	5745	20- 30	3286	6059	23.6,23.6
40	7591	8812	8026	8416	7281	4499	3308	4859	30- 40	4271	10331	40.2,40.2
50	7497	8750	5421	8052	7082	3211	2443	3641	40- 50	4818	15148	58.9,58.9
60	7543	6907	1873	5592	6855	1983	1477	2413	50- 60	4581	19729	76.8,76.8
70	6707	2796	750.6	2149	5440	793.5	717.5	1152	60- 70	3390	23119	90,90
80	1589	834.3	295.5	586.8	923.3	298.1	297.2	429.1	70- 80	1643	24762	96.4,96.4
90	183.4	163.3	92.38	130.2	95.97	95.62	68.70	122.8	80- 90	312.5	25075	97.6,97.6
100	134.1	107.5	74.10	87.69	86.76	68.76	55.67	80.36	90-100	107.4	25182	98,98
110	122.9	93.06	64.50	75.48	100.3	72.91	66.74	89.44	100-110	89.89	25272	98.3,98.3
120	115.3	99.44	64.04	74.46	111.7	86.28	83.36	100.9	110-120	88.06	25360	98.7,98.7
130	111.7	106.5	69.06	77.24	124.6	101.7	99.82	107.4	120-130	85.67	25446	99,99
140	120.0	112.4	78.65	81.86	135.2	117.6	109.8	114.2	130-140	80.65	25526	99.3,99.3
150	129.2	118.3	90.78	87.91	137.5	128.0	119.7	117.1	140-150	70.62	25597	99.6,99.6
160	132.1	124.5	101.9	95.85	136.3	132.0	127.8	116.3	150-160	54.83	25652	99.8,99.8
170	134.1	128.3	112.0	103.4	136.5	132.1	127.1	114.5	160-170	34.65	25687	100,100
180	135.1	131.6	120.2	110.3	136.4	130.1	121.2	109.6	170-180	11.82	25698	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

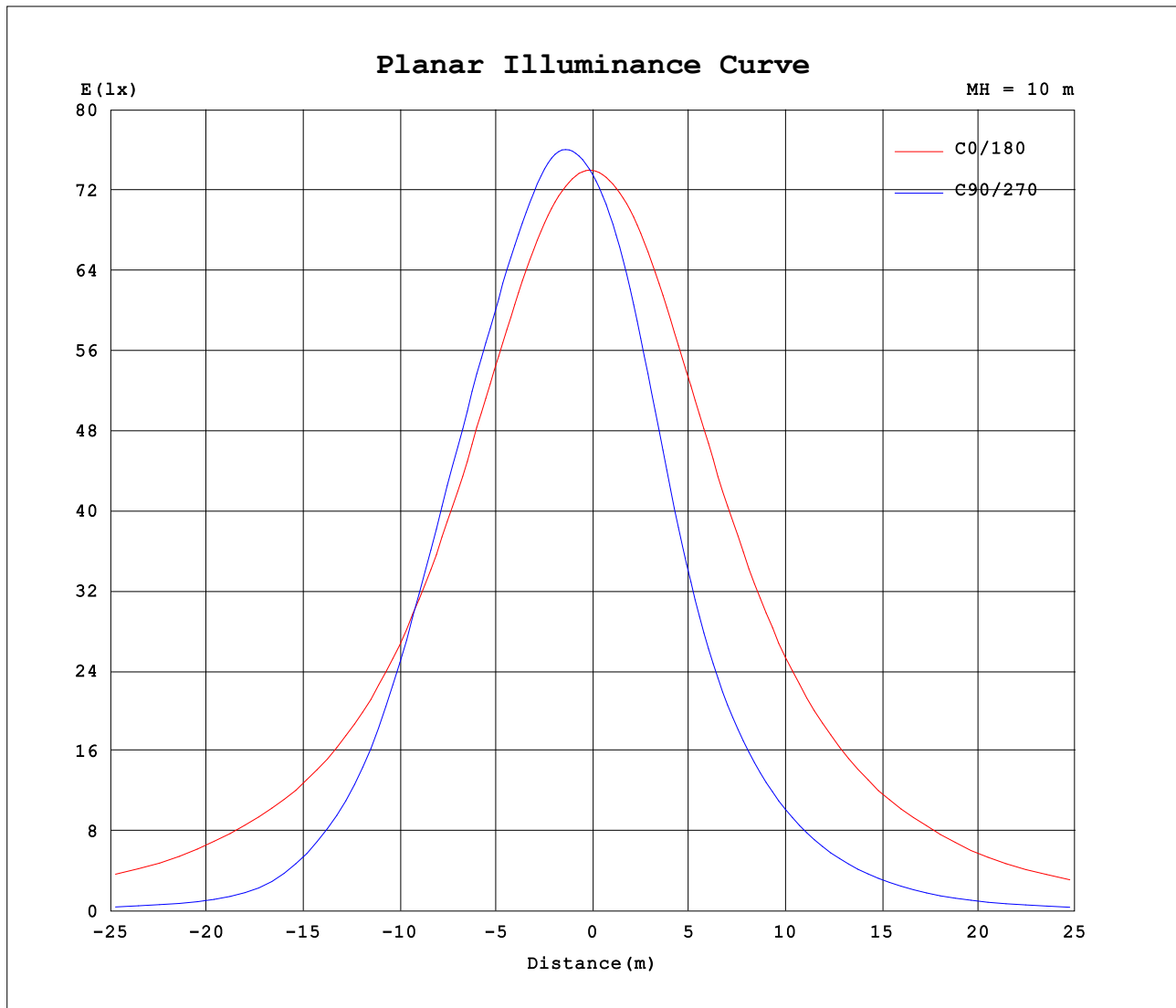
Test:U:218.37V I:0.9394A P:201.66W PF:0.9831 Freq:49.99Hz Lamp Flux:25698.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

Planar Illuminance Curve



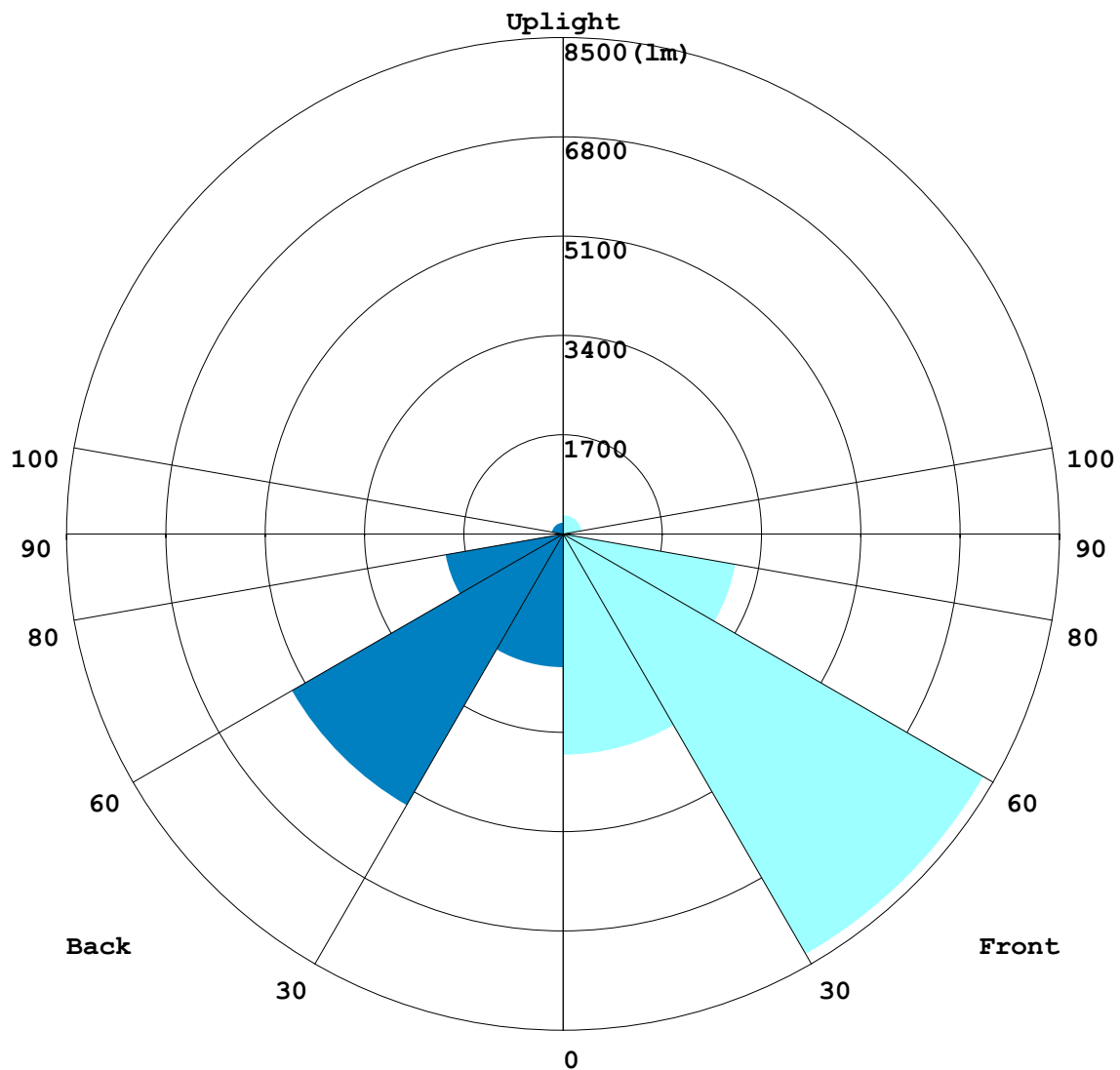
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 9.200m [K=1.0000]
Remarks:

LCS REPORT

Test:U:218.37V I:0.9394A P:201.66W PF:0.9831 Freq:49.99Hz Lamp Flux:25698.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

BUG REPORT

Test:U:218.37V I:0.9394A P:201.66W PF:0.9831 Freq:49.99Hz Lamp Flux:25698.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3776.9	14.7
FM - Front-Medium(30-60)	8309.2	32.3
FH - Front-High(60-80)	2991.2	11.6
FVH - Front-Very High(80-90)	209.02	0.8
Total Forward Light	15679	61.0

BL - Back-Low(0-30)	2282.4	8.9
BM - Back-Medium(30-60)	5360.4	20.9
BH - Back-High(60-80)	2042.1	7.9
BVH - Back-Very High(80-90)	103.48	0.4
Total Back Light	10019	39.0

UL - Uplight-Low(90-100)	107.36	0.4
UH - Uplight-High(100-180)	516.19	2.0
Total Up Light	623.55	2.4

BUG (Back,Up,Glare) Rating	B4-U4-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	9788.4	230.43	10019
Street Side	15286	393.11	15679

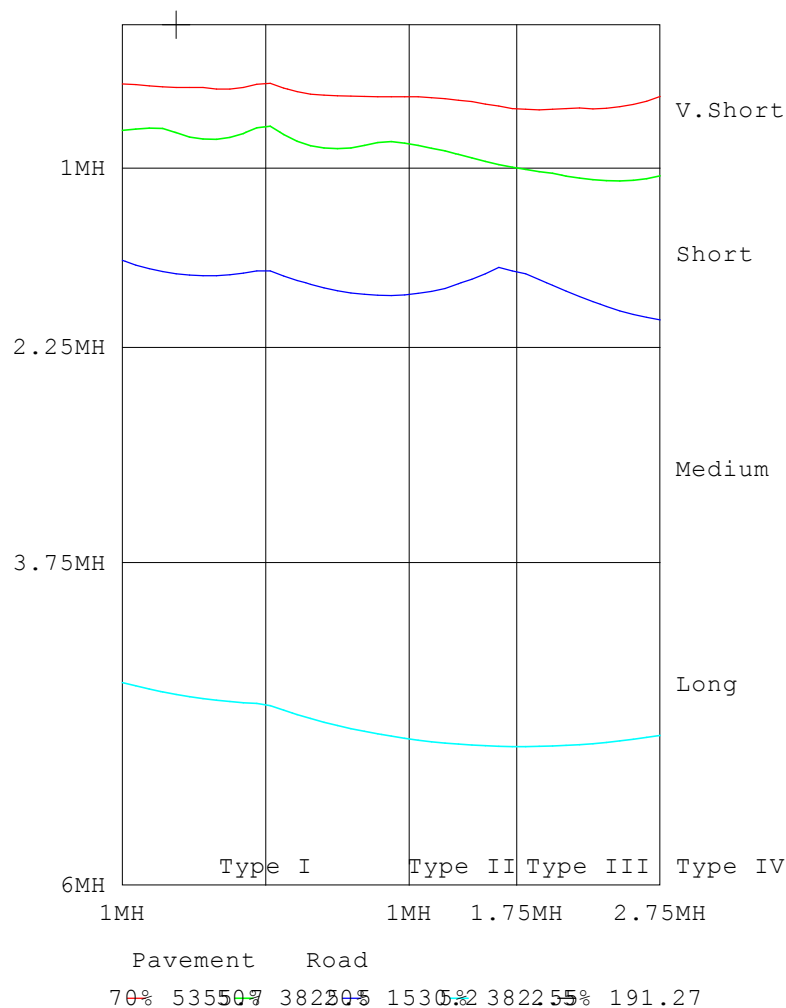
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:218.37V I:0.9394A P:201.66W PF:0.9831 Freq:49.99Hz Lamp Flux:25698.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:218.37V I:0.9394A P:201.66W PF:0.9831 Freq:49.99Hz Lamp Flux:25698.3x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	7400	7360	7358	7358	7400	7360	7358	7358										
5	7431	7588	7656	7562	7383	7128	7044	7157										
10	7478	7814	7944	7763	7399	6896	6663	6945										
15	7537	8023	8150	7926	7415	6626	6156	6705										
20	7587	8188	8286	8044	7415	6310	5551	6438										
25	7627	8328	8426	8139	7413	5936	4900	6116										
30	7666	8469	8508	8231	7420	5516	4284	5745										
35	7632	8620	8434	8309	7366	5042	3754	5332										
40	7591	8812	8026	8416	7281	4499	3308	4859										
45	7530	8888	7026	8383	7181	3866	2883	4284										
50	7497	8750	5421	8052	7082	3211	2443	3641										
55	7517	8211	3698	7249	6961	2601	1983	3019										
60	7543	6907	1873	5592	6855	1983	1477	2413										
65	7300	4706	1078	3607	6331	1345	1030	1816										
70	6707	2796	751	2149	5440	793	717	1152										
75	4215	1660	495	1300	2987	487	505	698										
80	1589	834	296	587	923	298	297	429										
85	434	344	160	225	225	151	126	223										
90	183	163	92.4	130	96.0	95.6	68.7	123										
95	148	132	82.8	104	87.5	79.1	54.0	87.9										
100	134	107	74.1	87.7	86.8	68.8	55.7	80.4										
105	126	94.6	68.1	79.0	93.4	71.2	59.9	84.0										
110	123	93.1	64.5	75.5	100	72.9	66.7	89.4										
115	119	95.5	63.1	74.3	106	79.8	74.8	97.0										
120	115	99.4	64.0	74.5	112	86.3	83.4	101										
125	112	103	65.9	75.3	118	93.6	92.4	104										
130	112	106	69.1	77.2	125	102	99.8	107										
135	115	109	73.4	79.6	131	110	105	111										
140	120	112	78.7	81.9	135	118	110	114										
145	126	115	84.8	84.6	137	124	114	116										
150	129	118	90.8	87.9	137	128	120	117										
155	131	122	96.3	91.7	137	130	125	117										
160	132	124	102	95.9	136	132	128	116										
165	133	127	107	99.8	136	133	128	116										
170	134	128	112	103	136	132	127	114										
175	135	130	116	107	137	131	124	112										
180	135	132	120	110	136	130	121	110										

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2024-03-30

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:9.200m [K=1.0000]
Remarks: