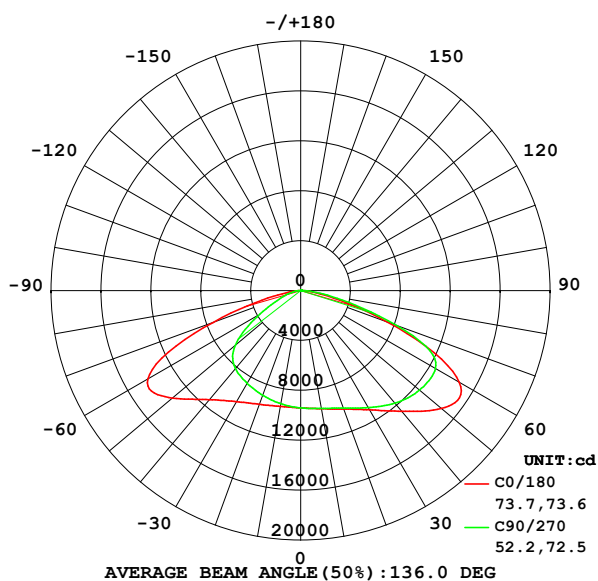
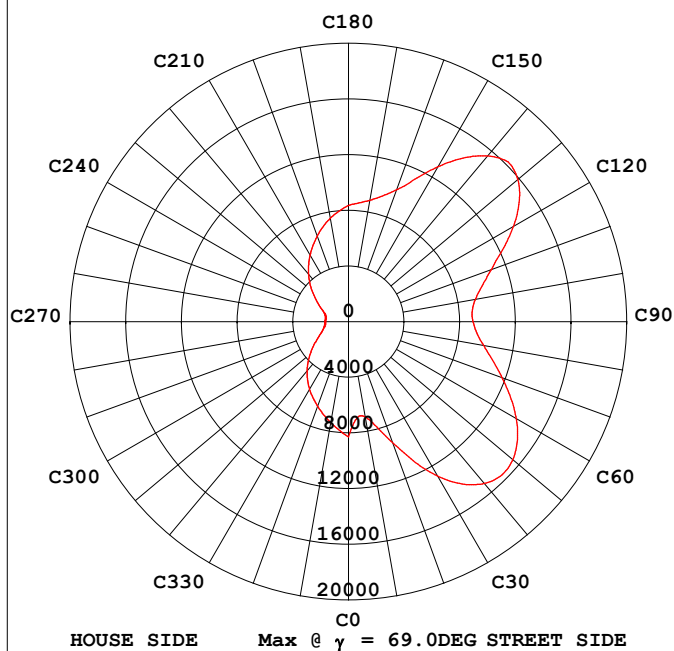


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.09V I:3.3212A P:391.74W PF:0.9988 Freq:60.01Hz Lamp Flux:49501.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.36 lm/W			
MODEL		I _{max} (cd)	16238	η street_up (%)	0.2
NOMINAL POWER (W)	400	LOR (%)	100.0	η street_down (%)	60.5
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	49501	η house_up (%)	0.1
NOMINAL FLUX (lm)	49501.2	MAXIMUM @ (C, γ)	135,69.0	η house_down (%)	39.2
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	24.105

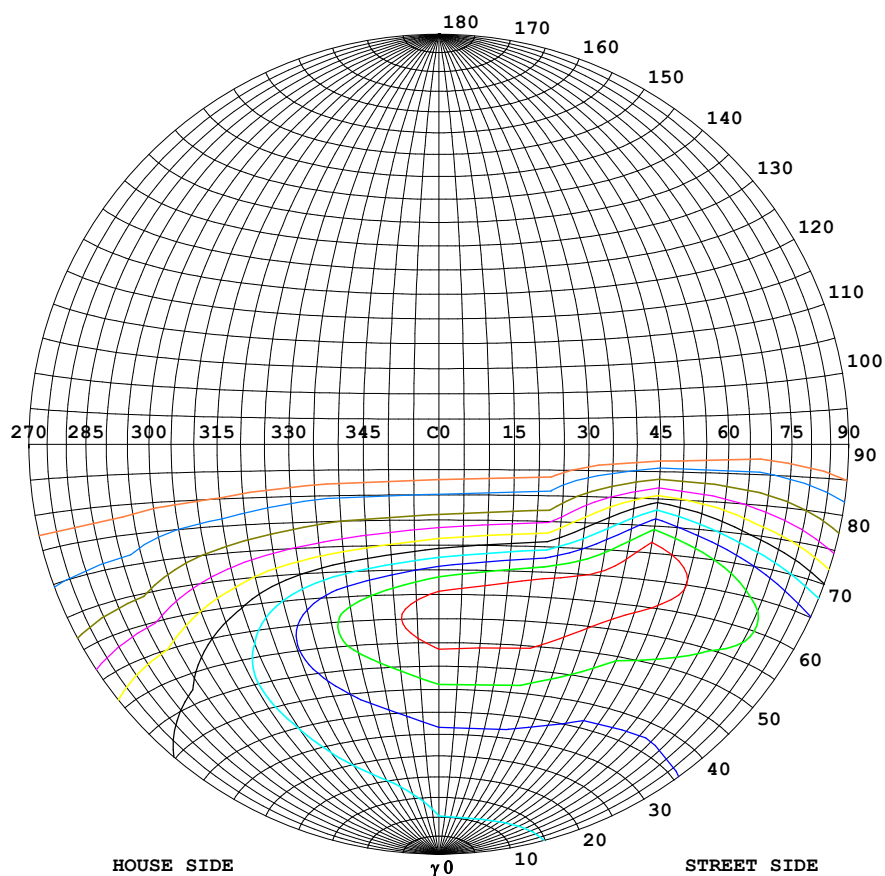
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.0℃
Operators:DAMIN
Test Date:2024-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:118.09V I:3.3212A P:391.74W PF:0.9988 Freq:60.01Hz Lamp Flux:49501.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



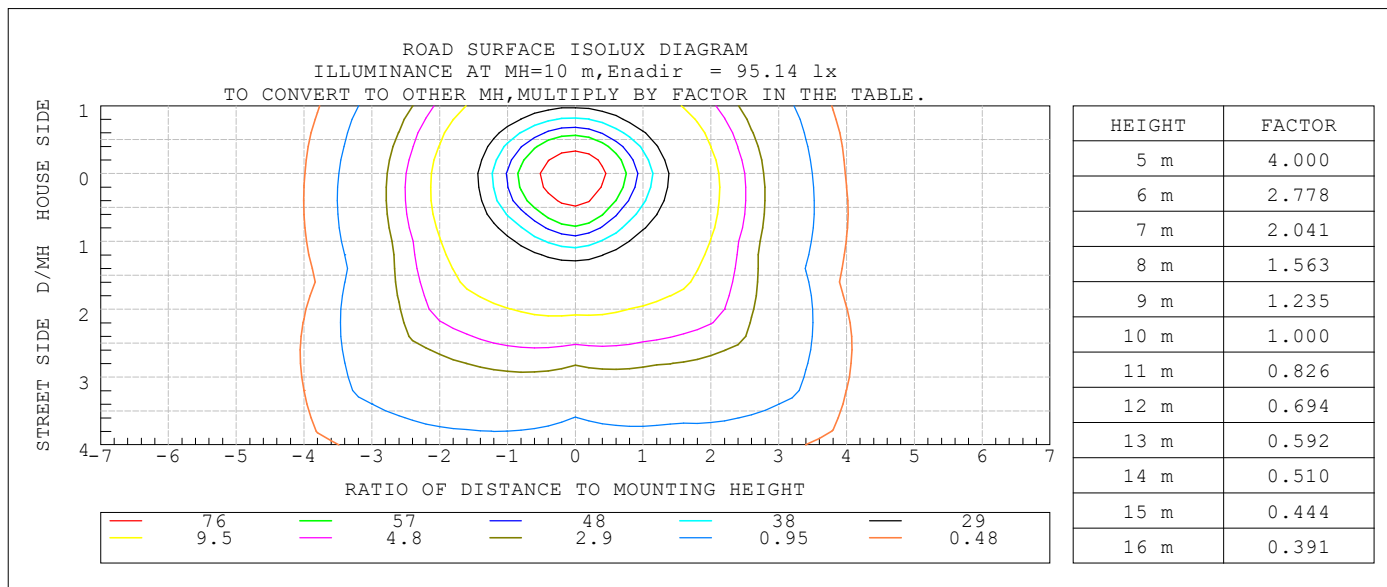
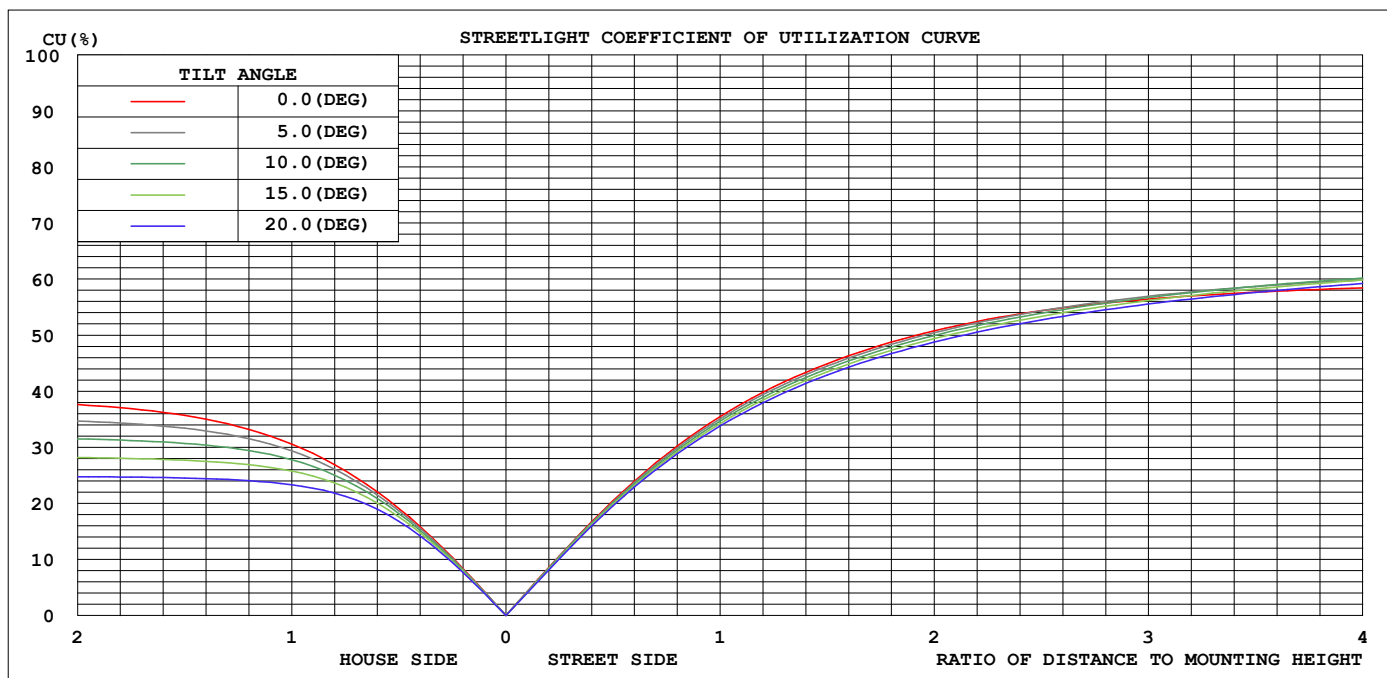
Classification:

IES:Type IV - Short
CIE:Broad - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:146.4cd/klm
Max.At90:2.577cd/klm
Max.80-90:146.4cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		16238
90%		14614
80%		12990
70%		11367
60%		9743
50%		8119
40%		6495
30%		4871
20%		3248
10%		1624
5%		812

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.0℃
Operators:DAMIN
Test Date:2024-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.0 °C
Operators: DAMIN
Test Date: 2024-03-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance: 26.000m [K=0.4205]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:118.09V I:3.3212A P:391.74W PF:0.9988 Freq:60.01Hz Lamp Flux:49501.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

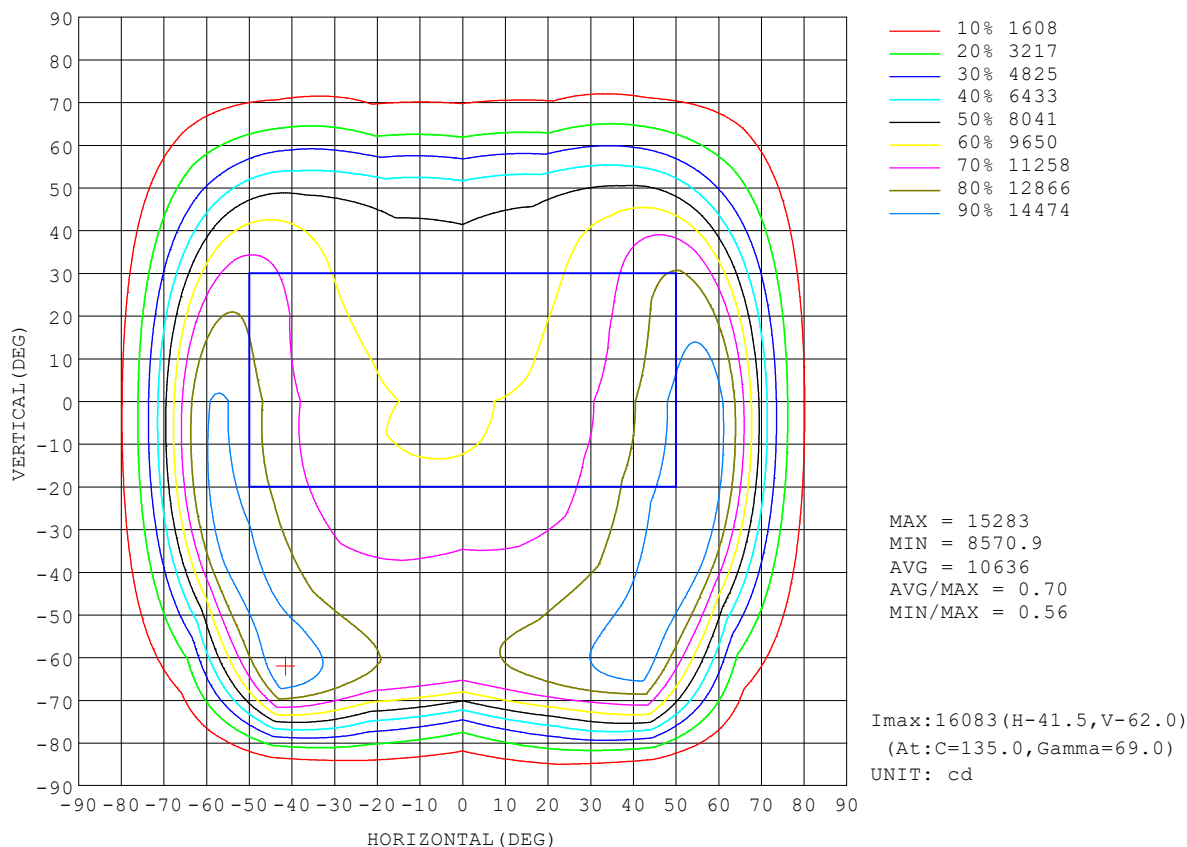
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	962.1	965.8	960.1	953.2	943.4	927.1	921.4	940.4	0- 10	900.7	900.7	1.82,1.82
20	1011	1008	1002	982.4	970.4	919.5	893.2	950.1	10- 20	2711	3612	7.3,7.3
30	1104	1073	1084	1030	1028	917.4	858.9	968.5	20- 30	4567	8179	16.5,16.5
40	1263	1171	1178	1105	1142	924.4	815.4	998.1	30- 40	6541	14720	29.7,29.7
50	1472	1307	1243	1222	1341	917.0	686.0	1002	40- 50	8660	23380	47.2,47.2
60	1468	1481	1248	1422	1415	736.8	376.6	800.0	50- 60	10357	33736	68.2,68.2
70	743.9	1536	818.8	1619	750.4	356.6	157.2	372.8	60- 70	9588	43324	87.5,87.5
80	163.7	724.5	219.4	711.1	151.0	77.55	60.11	83.48	70- 80	5095	48420	97.8,97.8
90	1.928	12.76	1.117	1.976	0.4308	0.3299	0.2249	0.4837	80- 90	949.2	49369	99.7,99.7
100	2.359	1.349	0.8255	1.474	0.3053	0.4819	0.4934	0.4171	90-100	9.362	49378	99.8,99.8
110	2.994	1.834	1.351	1.967	0.8359	0.9933	1.306	0.8317	100-110	12.86	49391	99.8,99.8
120	3.238	2.158	1.594	2.342	2.173	2.505	2.468	2.091	110-120	18.81	49410	99.8,99.8
130	3.247	2.696	1.857	2.681	2.842	2.977	2.934	2.577	120-130	22.93	49433	99.9,99.9
140	3.423	3.069	2.699	2.976	2.993	2.773	2.766	2.598	130-140	21.80	49454	99.9,99.9
150	3.512	3.362	3.257	3.128	2.761	2.638	2.616	2.433	140-150	18.18	49473	99.9,99.9
160	3.951	3.726	3.522	3.376	3.367	2.990	2.976	2.709	150-160	14.18	49487	100,100
170	4.528	4.113	3.769	3.688	4.797	4.176	3.921	3.862	160-170	10.41	49497	100,100
180	4.583	4.118	3.726	3.928	4.696	4.198	3.791	3.992	170-180	3.986	49501	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.0℃
Operators:DAMIN
Test Date:2024-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

ISOCANDELA DIAGRAM

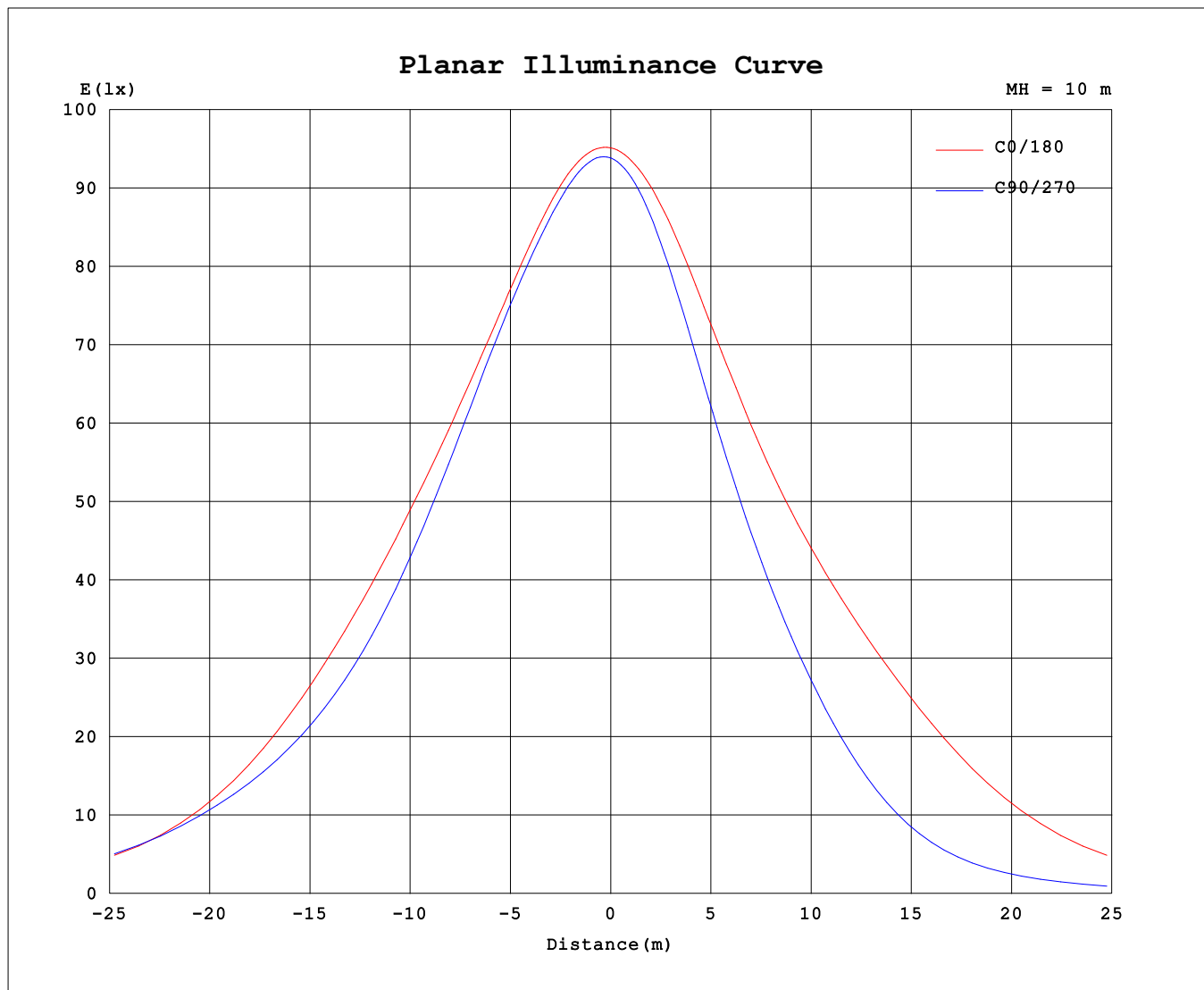
Test:U:118.09V I:3.3212A P:391.74W PF:0.9988 Freq:60.01Hz Lamp Flux:49501.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.0°C
Operators:DAMIN
Test Date:2024-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

Planar Illuminance Curve



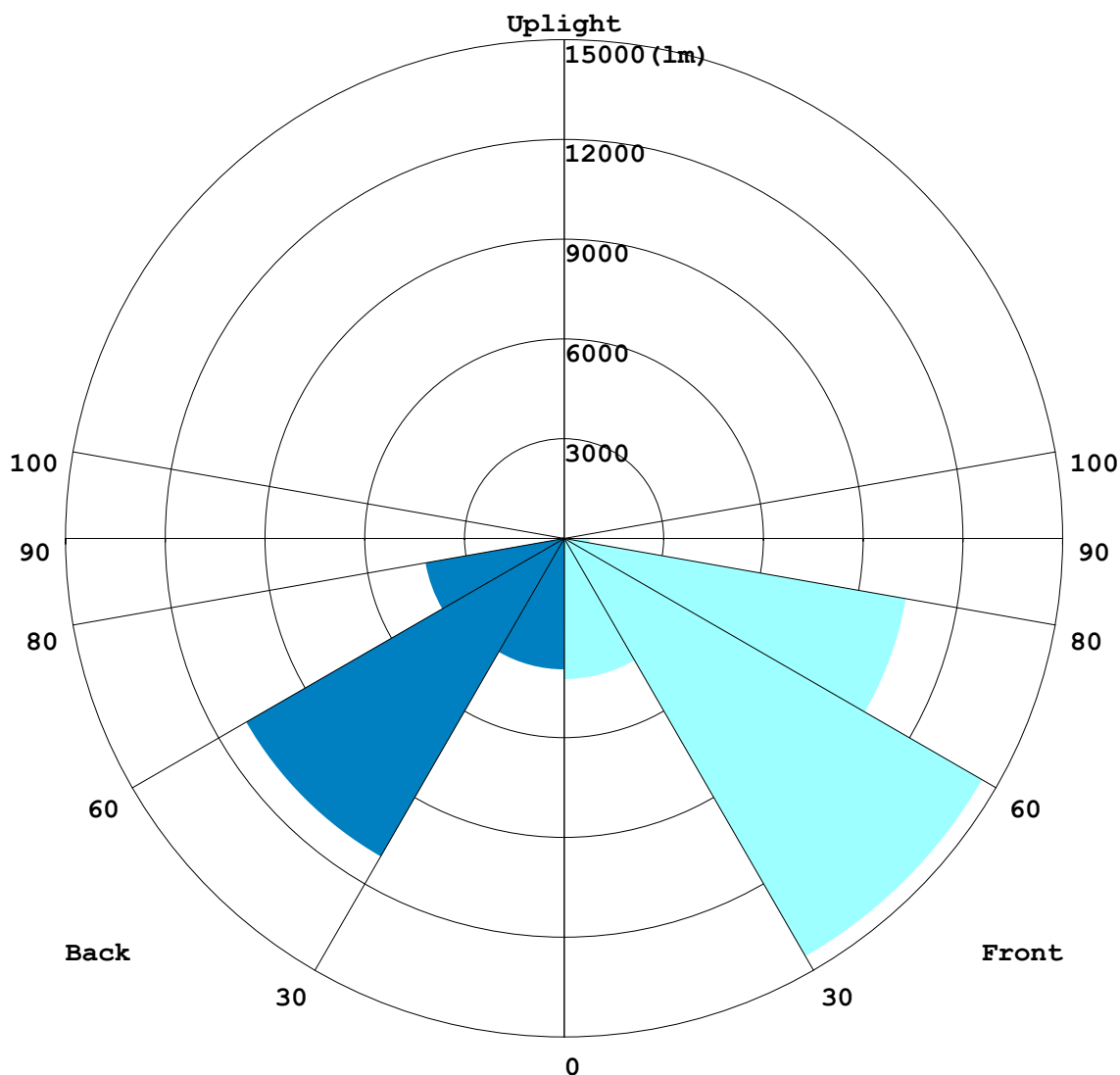
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 28.0 °C
 Operators: DAMIN
 Test Date: 2024-03-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-R5000_V2 SYSTEM V2.00.471
 Humidity: 100.0%
 Test Distance: 26.000m [K=0.4205]
 Remarks:

LCS REPORT

Test:U:118.09V I:3.3212A P:391.74W PF:0.9988 Freq:60.01Hz Lamp Flux:49501.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.0℃
Operators:DAMIN
Test Date:2024-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

BUG REPORT

Test:U:118.09V I:3.3212A P:391.74W PF:0.9988 Freq:60.01Hz Lamp Flux:49501.2x1 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)	4233.7	8.6
FM - Front-Medium(30-60)	14514	29.3
FH - Front-High(60-80)	10444	21.1
FVH - Front-Very High(80-90)	774.08	1.6
Total Forward Light	30041	60.7

BL - Back-Low(0-30)	3945.3	8.0
BM - Back-Medium(30-60)	11043	22.3
BH - Back-High(60-80)	4239.3	8.6
BVH - Back-Very High(80-90)	175.1	0.4
Total Back Light	19460	39.3

UL - Uplight-Low(90-100)	9.3622	0.0
UH - Uplight-High(100-180)	123.16	0.2
Total Up Light	132.52	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	19403	57.118	19460
Street Side	29966	75.401	30041

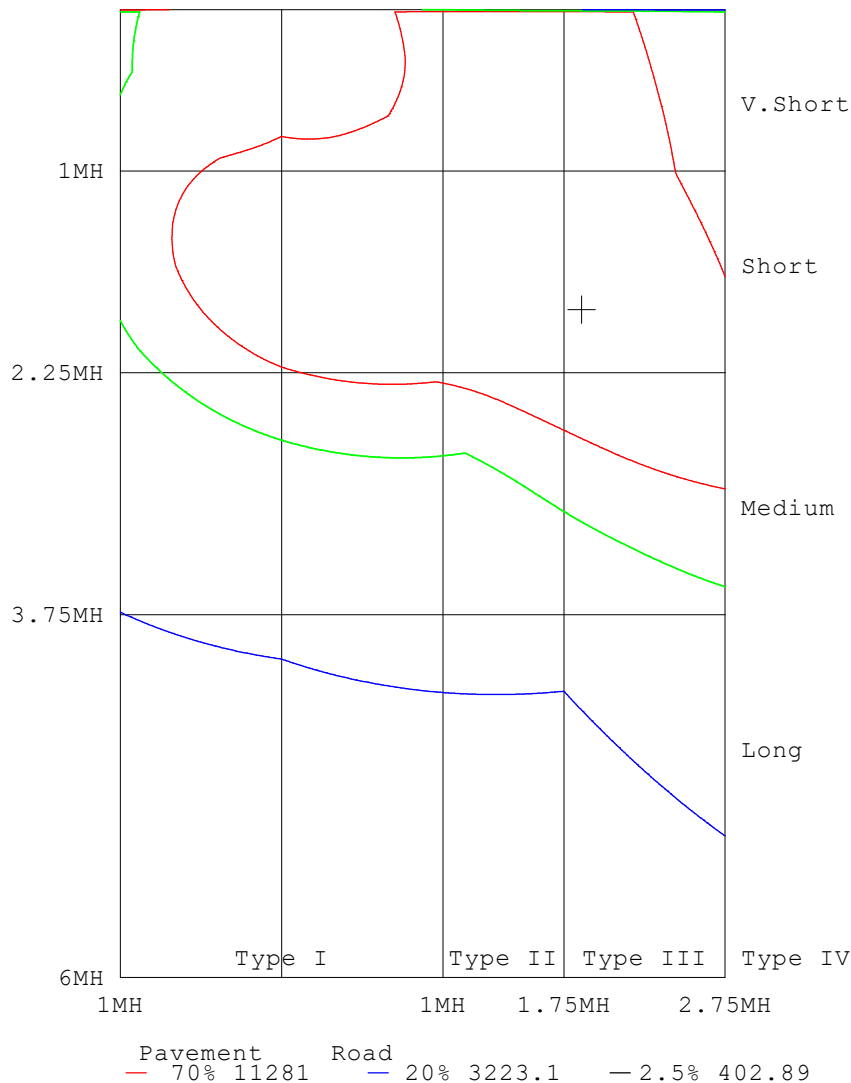
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 28.0℃
Operators:DAMIN
Test Date:2024-03-21

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:118.09V I:3.3212A P:391.74W PF:0.9988 Freq:60.01Hz Lamp Flux:49501.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 28.0 °C
 Operators:DAMIN
 Test Date:2024-03-21

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
 Humidity: 100.0%
 Test Distance:26.000m [K=0.4205]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:118.09V I:3.3212A P:391.74W PF:0.9988 Freq:60.01Hz Lamp Flux:49501.2x1 lm																	
NAME:									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: EVERFINE									SUR.:						Shielding Angle:		

Table--1

UNIT: X10cd

C (DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940	940			
5	948	950	951	951	949	947	945	942	939	936	933	931	932	934	939	944			
10	962	966	966	963	960	957	953	949	943	936	927	921	921	929	940	953			
15	983	987	984	980	977	971	965	960	954	941	923	909	908	922	944	967			
20	1011	1015	1008	1003	1002	993	982	976	970	950	920	895	893	914	950	987			
25	1051	1053	1037	1034	1039	1023	1004	998	994	965	918	880	876	904	958	1016			
30	1104	1103	1073	1072	1084	1059	1030	1027	1028	987	917	866	859	894	969	1054			
35	1175	1172	1117	1114	1131	1097	1063	1071	1076	1018	919	852	840	883	983	1105			
40	1263	1257	1171	1161	1178	1136	1105	1132	1142	1062	924	835	815	867	998	1168			
45	1368	1356	1236	1210	1216	1174	1158	1215	1233	1121	930	805	772	838	1010	1242			
50	1472	1460	1307	1256	1243	1212	1222	1322	1341	1178	917	744	686	776	1002	1310			
55	1535	1547	1391	1300	1256	1250	1309	1444	1432	1196	861	622	543	654	943	1326			
60	1468	1561	1481	1334	1248	1287	1422	1528	1415	1113	737	452	377	480	800	1214			
65	1181	1367	1559	1336	1144	1280	1556	1400	1171	888	554	289	244	312	588	922			
70	744	905	1536	1178	819	1092	1619	956	750	570	357	178	157	194	373	561			
75	381	468	1243	805	458	720	1333	507	378	325	189	107	101	116	203	318			
80	164	192	724	446	219	383	711	214	151	126	77.6	57.2	60.1	62.5	83.5	145			
85	45.0	54.8	200	177	79.0	143	183	56.4	36.0	21.1	18.4	18.5	25.6	22.3	23.5	32.8			
90	1.93	1.92	12.8	2.31	1.12	1.17	1.98	1.52	0.43	0.38	0.33	0.26	0.22	0.29	0.48	0.68			
95	1.87	1.54	1.24	0.89	0.67	0.86	1.35	1.67	0.25	0.28	0.35	0.28	0.26	0.25	0.33	0.26			
100	2.36	1.89	1.35	0.96	0.83	1.00	1.47	2.02	0.31	0.45	0.48	0.41	0.49	0.45	0.42	0.31			
105	2.72	2.21	1.60	1.18	1.10	1.26	1.76	2.33	0.50	0.76	0.66	0.68	0.88	0.69	0.59	0.49			
110	2.99	2.47	1.83	1.48	1.35	1.46	1.97	2.53	0.84	1.01	0.99	1.21	1.31	1.06	0.83	0.71			
115	3.18	2.73	2.00	1.82	1.46	1.67	2.18	2.64	1.40	1.44	1.60	1.96	1.89	1.81	1.30	1.15			
120	3.24	2.94	2.16	2.13	1.59	1.82	2.34	2.67	2.17	2.12	2.50	2.66	2.47	2.42	2.09	1.82			
125	3.24	3.05	2.47	2.39	1.69	2.06	2.52	2.69	2.55	2.53	2.95	2.92	2.74	2.63	2.54	2.23			
130	3.25	3.06	2.70	2.62	1.86	2.37	2.68	2.73	2.84	2.87	2.98	2.91	2.93	2.73	2.58	2.41			
135	3.34	3.01	2.91	2.83	2.29	2.74	2.84	2.83	2.99	3.02	2.87	2.82	2.88	2.73	2.61	2.45			
140	3.42	3.03	3.07	3.04	2.70	3.01	2.98	2.96	2.99	2.99	2.77	2.75	2.77	2.64	2.60	2.35			
145	3.43	3.13	3.21	3.24	3.00	3.17	3.05	3.01	2.88	2.81	2.64	2.70	2.66	2.52	2.53	2.22			
150	3.51	3.34	3.36	3.43	3.26	3.28	3.13	3.06	2.76	2.73	2.64	2.71	2.62	2.44	2.43	2.13			
155	3.70	3.66	3.54	3.62	3.43	3.40	3.25	3.15	2.92	2.79	2.71	2.77	2.70	2.52	2.45	2.20			
160	3.95	3.98	3.73	3.76	3.52	3.48	3.38	3.29	3.37	3.13	2.99	3.04	2.98	2.77	2.71	2.53			
165	4.22	4.24	3.93	3.89	3.62	3.51	3.49	3.48	4.23	3.99	3.78	3.75	3.63	3.45	3.46	3.30			
170	4.53	4.48	4.11	4.03	3.77	3.62	3.69	3.76	4.80	4.60	4.18	4.09	3.92	3.78	3.86	3.78			
175	4.63	4.75	4.29	4.17	3.93	3.80	3.97	4.02	4.86	4.89	4.36	4.22	4.03	3.93	4.11	4.08			
180	4.58	4.63	4.12	3.95	3.73	3.64	3.93	4.10	4.70	4.71	4.20	4.00	3.79	3.69	3.99	4.17			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature: 28.0℃

Operators:DAMIN

Test Date:2024-03-21

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471

Humidity: 100.0%

Test Distance:26.000m [K=0.4205]

Remarks: