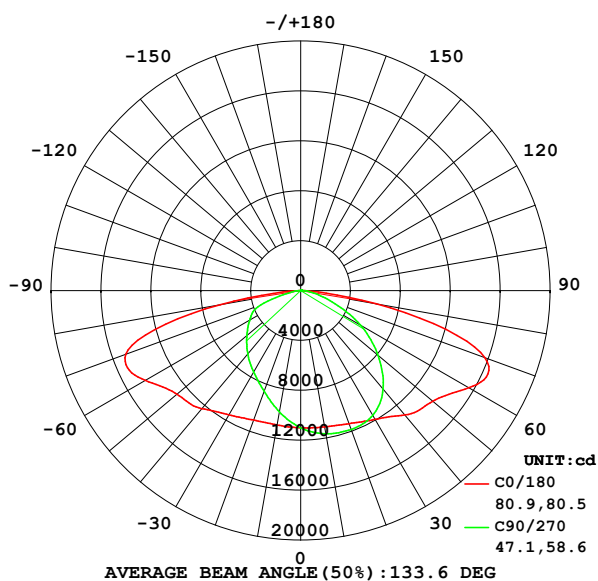
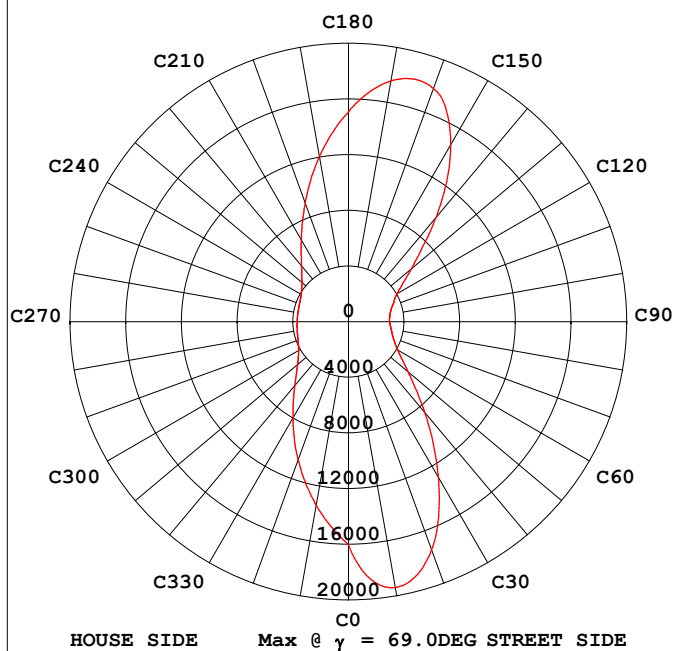


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.43V I:2.7648A P:326.97W PF:0.9985 Freq:60.01Hz Lamp Flux:47579.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.52 lm/W			
MODEL		I _{max} (cd)	17461	η street_up (%)	0.2
NOMINAL POWER (W)	350	LOR (%)	100.0	η street_down (%)	57.9
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	47579	η house_up (%)	0.1
NOMINAL FLUX (lm)	47579.2	MAXIMUM @ (C, γ)	158,69.0	η house_down (%)	41.8
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	26.126

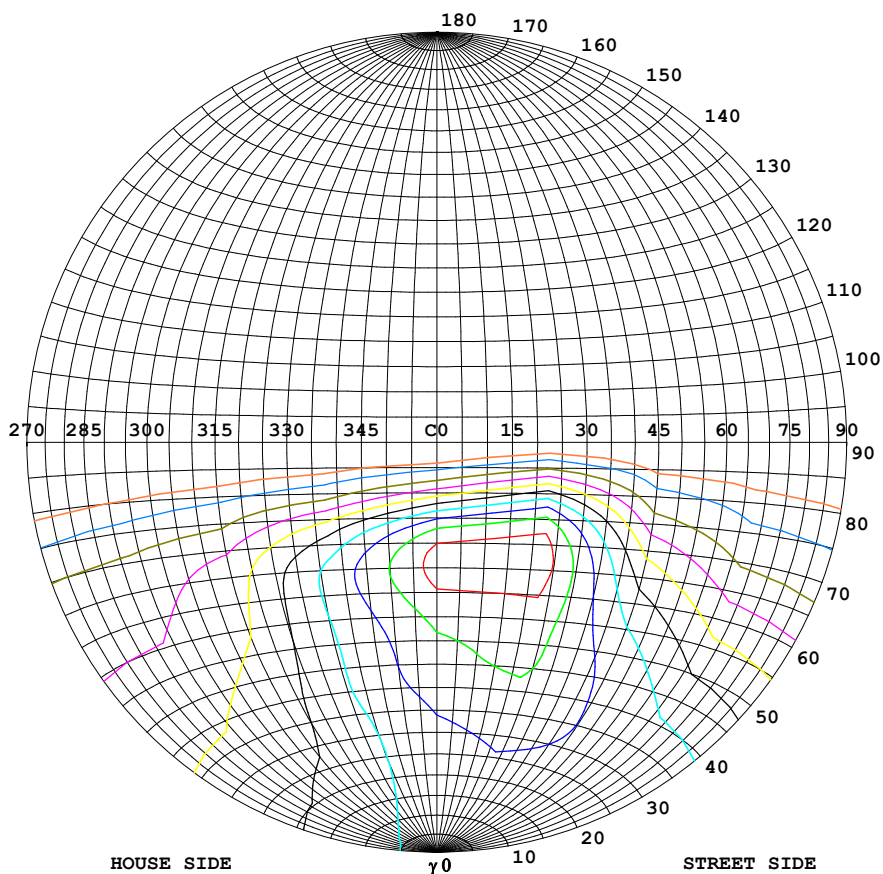
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.0℃
Operators:DAMIN
Test Date:2024-04-10

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:118.43V I:2.7648A P:326.97W PF:0.9985 Freq:60.01Hz Lamp Flux:47579.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



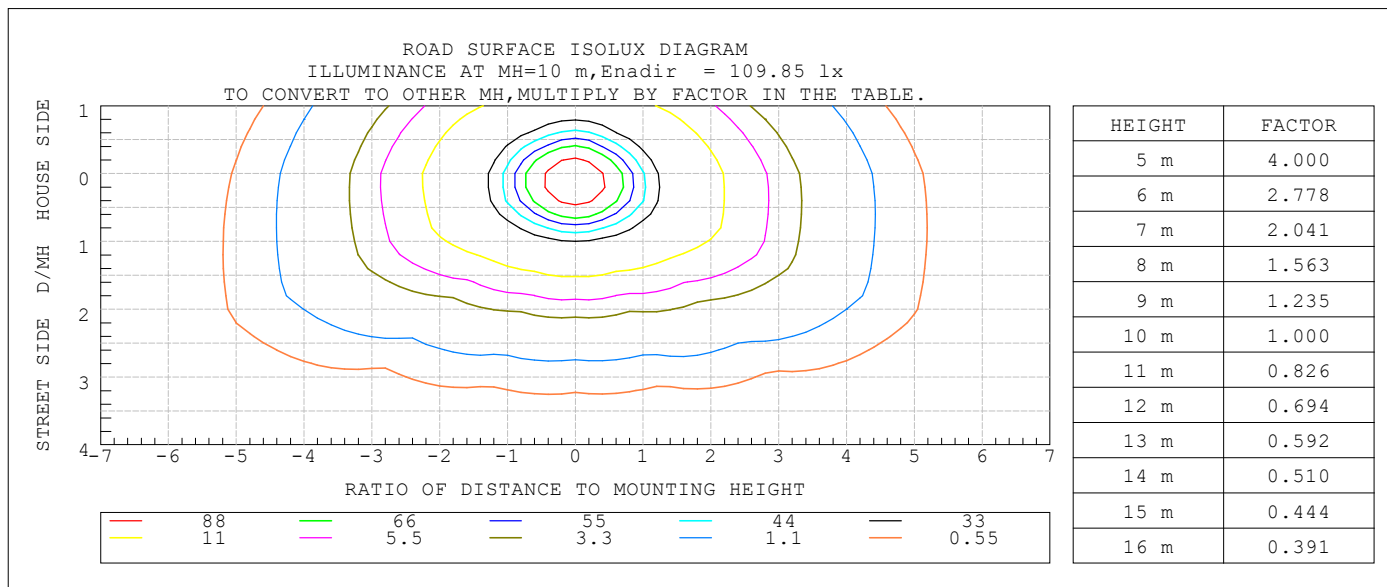
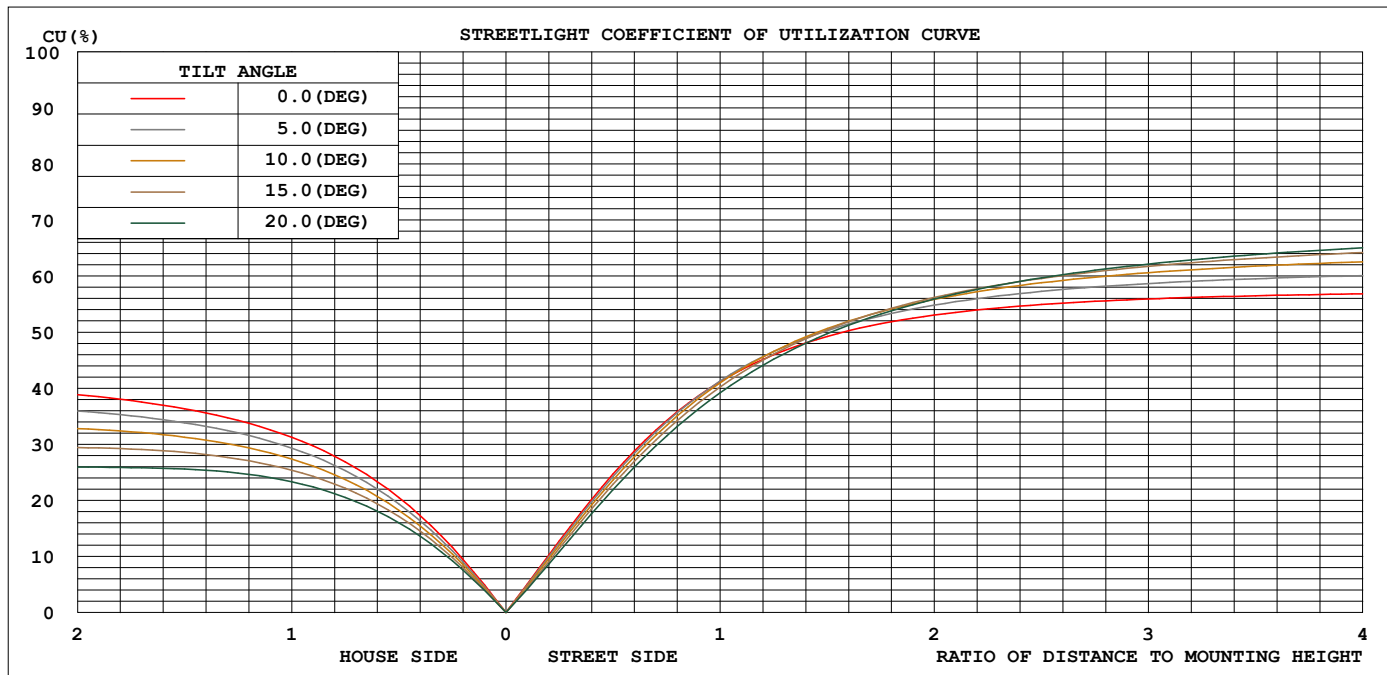
Classification:

IES:Type III - Medium
CIE:Average - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:197.9cd/klm
Max.At90:0.6718cd/klm
Max.80-90:197.9cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	17461
90%	15715
80%	13969
70%	12223
60%	10477
50%	8731
40%	6984
30%	5238
20%	3492
10%	1746
5%	873

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.0℃
Operators:DAMIN
Test Date:2024-04-10

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: 24.0 °C
Operators: DAMIN
Test Date: 2024-04-10

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:118.43V I:2.7648A P:326.97W PF:0.9985 Freq:60.01Hz Lamp Flux:47579.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

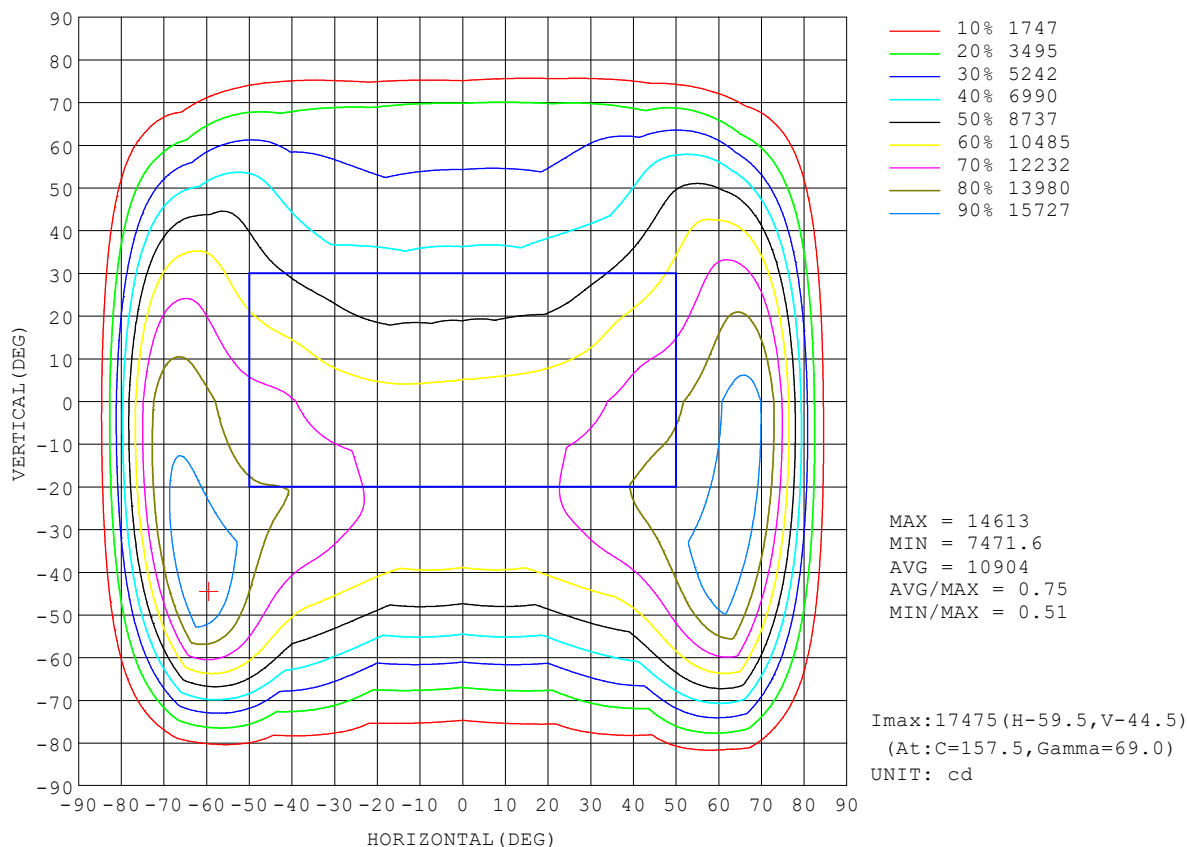
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1110	1157	1166	1151	1094	1016	987.5	1029	0- 10	1045	1045	2.2,2.2
20	1135	1189	1185	1184	1105	917.2	859.5	940.4	10- 20	3048	4093	8.6,8.6
30	1193	1215	1155	1214	1150	825.0	754.8	854.7	20- 30	4880	8973	18.9,18.9
40	1302	1215	1029	1220	1235	751.2	661.9	790.9	30- 40	6508	15482	32.5,32.5
50	1381	1142	810.5	1167	1294	671.0	564.3	720.0	40- 50	7768	23250	48.9,48.9
60	1558	946.6	553.9	999.5	1440	592.4	472.4	649.0	50- 60	8448	31698	66.6,66.6
70	1570	647.0	271.2	707.0	1491	456.4	343.4	498.9	60- 70	8605	40303	84.7,84.7
80	616.8	228.0	94.66	235.3	653.8	143.7	71.69	136.4	70- 80	5964	46268	97.2,97.2
90	3.196	1.557	0.7711	1.216	0.8395	0.2984	0.1771	0.3962	80- 90	1180	47448	99.7,99.7
100	2.981	1.251	0.9396	1.365	0.6910	0.2295	0.1910	0.2563	90-100	9.770	47458	99.7,99.7
110	3.425	1.677	1.194	1.765	1.338	0.4861	0.4506	0.7153	100-110	12.10	47470	99.8,99.8
120	3.357	1.889	1.243	2.009	2.578	1.563	1.213	1.484	110-120	16.35	47486	99.8,99.8
130	3.368	2.411	1.795	2.325	3.100	2.317	1.945	2.425	120-130	20.01	47506	99.8,99.8
140	3.714	2.937	2.451	2.702	3.249	2.702	2.503	2.887	130-140	20.49	47527	99.9,99.9
150	4.119	3.593	3.145	3.150	3.452	3.048	2.950	2.968	140-150	19.08	47546	99.9,99.9
160	4.690	4.208	3.704	3.598	4.197	3.893	3.486	3.058	150-160	16.11	47562	100,100
170	5.790	5.167	4.513	4.422	5.839	5.224	4.623	4.493	160-170	12.24	47574	100,100
180	5.862	5.239	4.572	4.873	5.967	5.315	4.637	4.943	170-180	4.921	47579	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.0℃
Operators:DAMIN
Test Date:2024-04-10

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

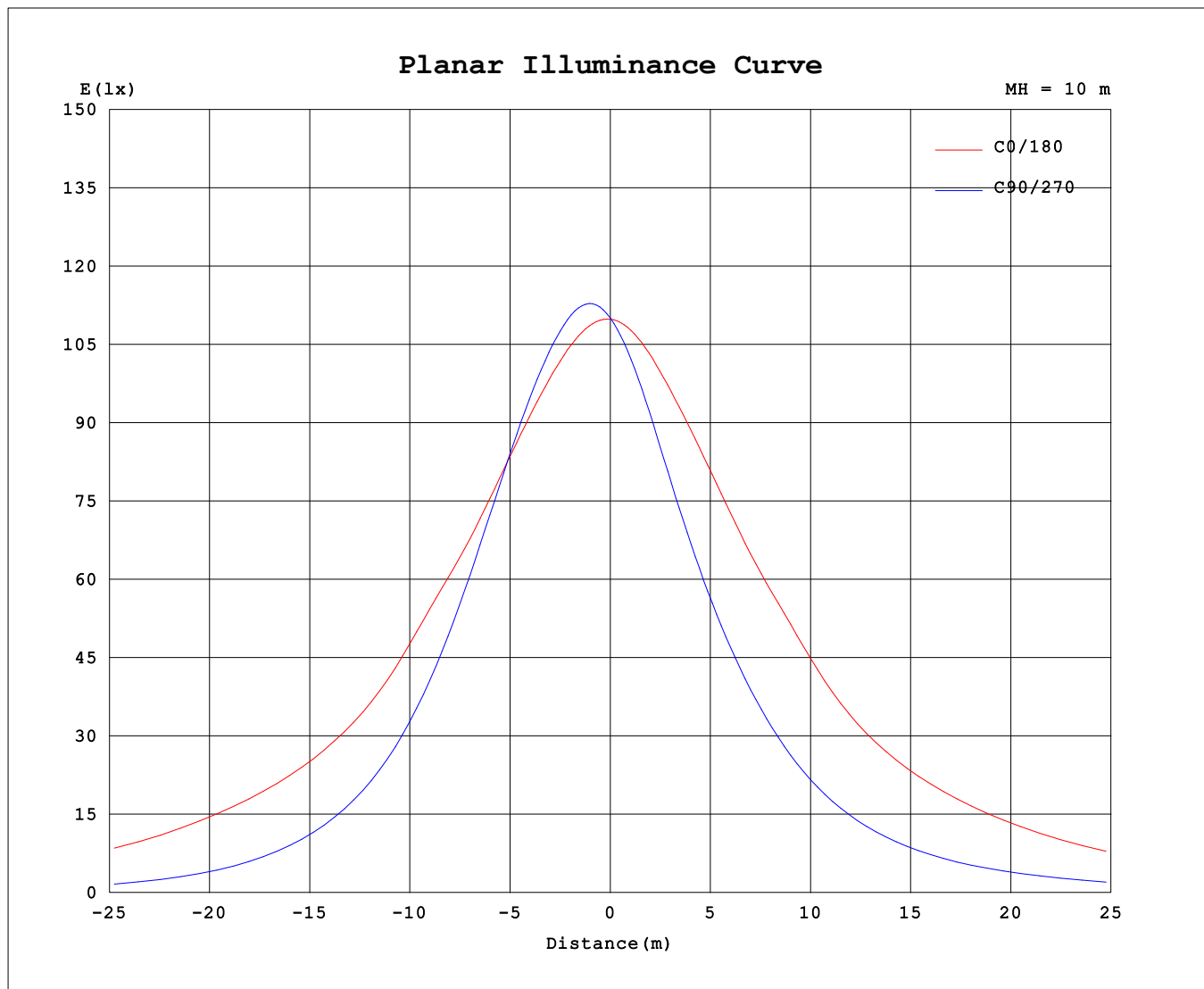
Test:U:118.43V I:2.7648A P:326.97W PF:0.9985 Freq:60.01Hz Lamp Flux:47579.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.0°C
Operators:DAMIN
Test Date:2024-04-10

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



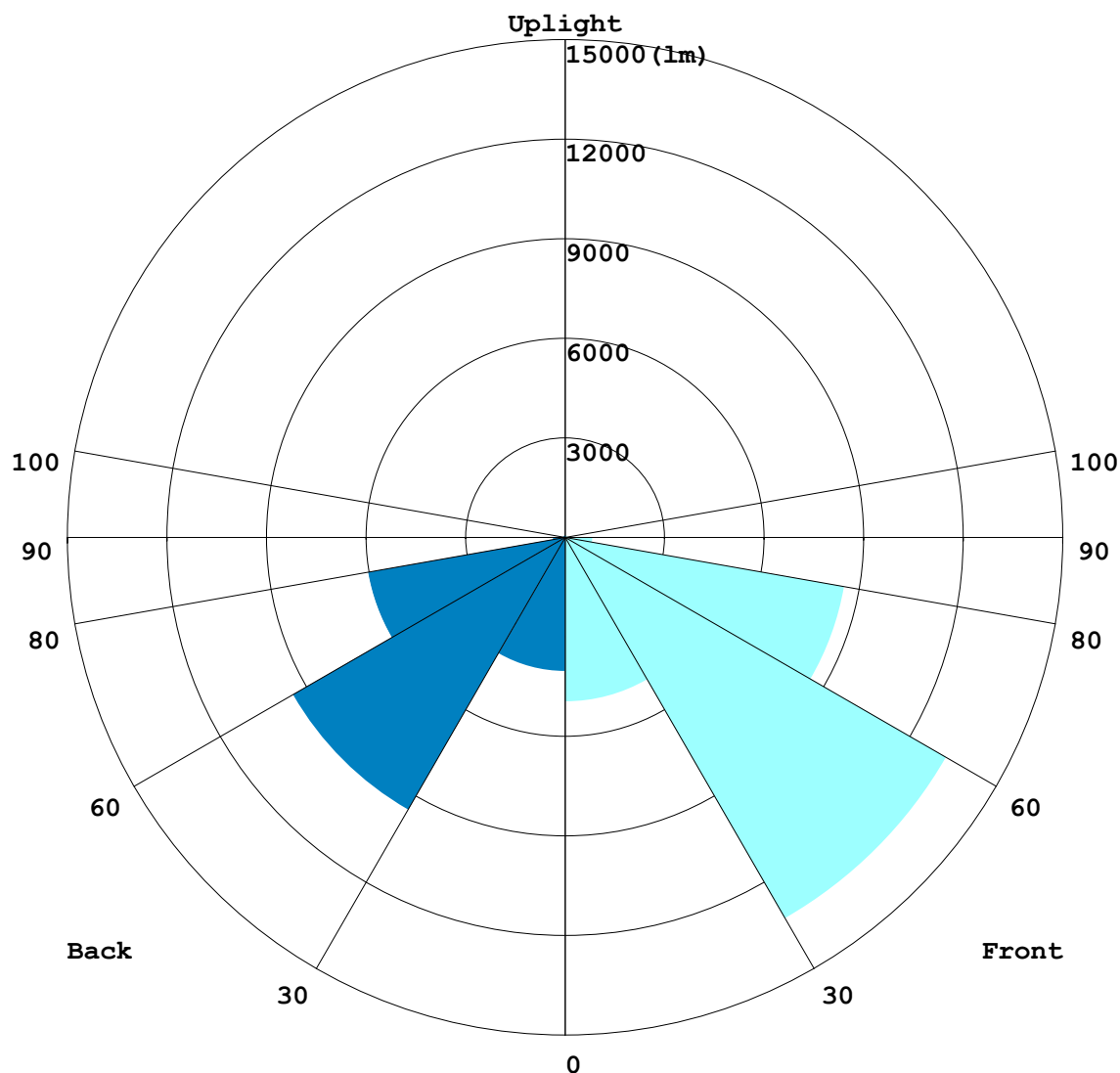
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.0 °C
 Operators: DAMIN
 Test Date: 2024-04-10

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:118.43V I:2.7648A P:326.97W PF:0.9985 Freq:60.01Hz Lamp Flux:47579.2x1 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: 24.0℃
Operators:DAMIN
Test Date:2024-04-10

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:118.43V I:2.7648A P:326.97W PF:0.9985 Freq:60.01Hz Lamp Flux:47579.2x1 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)	4947.5	10.4
FM - Front-Medium(30-60)	13252	27.9
FH - Front-High(60-80)	8540.7	18.0
FVH - Front-Very High(80-90)	816.36	1.7
Total Forward Light	27633	58.1

BL - Back-Low(0-30)	4025.8	8.5
BM - Back-Medium(30-60)	9472.3	19.9
BH - Back-High(60-80)	6028.9	12.7
BVH - Back-Very High(80-90)	363.98	0.8
Total Back Light	19946	41.9

UL - Uplight-Low(90-100)	9.7697	0.0
UH - Uplight-High(100-180)	121.3	0.3
Total Up Light	131.07	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	19891	55.177	19946
Street Side	27557	75.892	27633

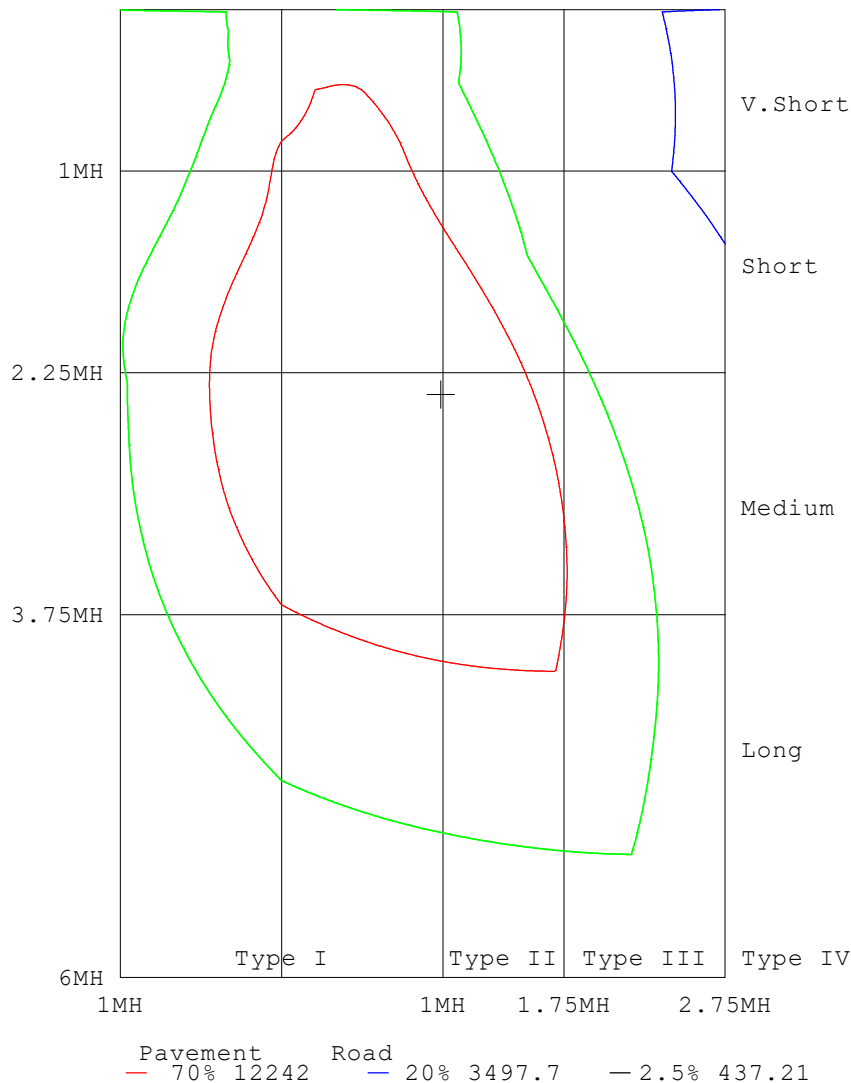
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.0℃
Operators:DAMIN
Test Date:2024-04-10

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:118.43V I:2.7648A P:326.97W PF:0.9985 Freq:60.01Hz Lamp Flux:47579.2x1 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: 24.0 °C
Operators:DAMIN
Test Date:2024-04-10

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:118.43V I:2.7648A P:326.97W PF:0.9985 Freq:60.01Hz Lamp Flux:47579.2x1 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	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100			
5	1104	1120	1132	1139	1140	1137	1128	1114	1097	1078	1061	1051	1048	1054	1067	1085			
10	1110	1140	1157	1165	1166	1162	1151	1129	1094	1053	1016	993	988	999	1029	1069			
15	1119	1161	1174	1179	1179	1177	1169	1146	1095	1029	968	931	922	938	986	1053			
20	1135	1185	1189	1186	1185	1186	1184	1169	1105	1007	917	870	860	879	940	1040			
25	1160	1215	1203	1185	1180	1185	1200	1200	1124	989	869	815	804	823	895	1031			
30	1193	1250	1215	1169	1155	1170	1214	1234	1150	977	825	765	755	773	855	1029			
35	1236	1293	1221	1132	1106	1133	1222	1275	1184	976	789	721	709	727	822	1040			
40	1302	1354	1215	1070	1029	1070	1220	1330	1235	979	751	674	662	682	791	1061			
45	1351	1425	1193	981	927	982	1206	1398	1272	969	711	622	612	632	754	1065			
50	1381	1461	1142	872	811	872	1167	1430	1294	962	671	571	564	581	720	1070			
55	1451	1507	1058	747	687	749	1097	1481	1350	960	632	520	517	532	686	1086			
60	1558	1582	947	616	554	615	999	1582	1440	970	592	473	472	486	649	1110			
65	1642	1655	812	472	407	469	876	1702	1516	952	544	428	429	439	604	1099			
70	1570	1637	647	328	271	324	707	1736	1491	806	456	357	343	375	499	953			
75	1206	1427	436	207	170	204	473	1476	1211	555	305	201	177	223	315	663			
80	617	942	228	118	94.7	115	235	873	654	226	144	78.3	71.7	90.2	136	265			
85	144	327	68.6	50.4	38.9	47.4	61.2	237	142	37.7	36.5	22.5	22.9	25.5	31.2	54.1			
90	3.20	2.63	1.56	0.91	0.77	0.82	1.22	2.37	0.84	0.50	0.30	0.21	0.18	0.23	0.40	0.71			
95	2.76	1.90	1.10	0.81	0.77	0.84	1.20	2.20	0.54	0.39	0.22	0.16	0.15	0.16	0.23	0.41			
100	2.98	2.07	1.25	0.95	0.94	0.99	1.36	2.28	0.69	0.43	0.23	0.17	0.19	0.26	0.26	0.43			
105	3.25	2.39	1.51	1.13	1.12	1.12	1.58	2.41	0.98	0.53	0.30	0.25	0.29	0.38	0.43	0.57			
110	3.43	2.66	1.68	1.37	1.19	1.35	1.77	2.49	1.34	0.80	0.49	0.44	0.45	0.60	0.72	0.87			
115	3.50	2.85	1.73	1.64	1.24	1.56	1.91	2.55	1.92	1.51	0.91	0.77	0.77	0.99	0.90	1.49			
120	3.36	2.86	1.89	1.82	1.24	1.73	2.01	2.51	2.58	2.25	1.56	1.21	1.21	1.52	1.48	2.28			
125	3.31	2.88	2.17	2.01	1.54	1.92	2.15	2.49	2.97	2.82	2.01	1.60	1.60	1.88	2.06	2.65			
130	3.37	2.86	2.41	2.22	1.80	2.10	2.32	2.57	3.10	2.97	2.32	1.93	1.94	2.20	2.42	2.69			
135	3.55	2.90	2.69	2.48	2.12	2.36	2.52	2.72	3.17	3.07	2.52	2.21	2.24	2.50	2.72	2.71			
140	3.71	3.06	2.94	2.74	2.45	2.64	2.70	2.88	3.25	3.15	2.70	2.49	2.50	2.69	2.89	2.70			
145	3.89	3.38	3.24	3.05	2.78	2.91	2.91	3.03	3.34	3.24	2.90	2.77	2.72	2.83	3.01	2.71			
150	4.12	3.82	3.59	3.42	3.15	3.20	3.15	3.23	3.45	3.28	3.05	3.02	2.95	2.89	2.97	2.70			
155	4.37	4.26	3.88	3.74	3.44	3.42	3.35	3.40	3.67	3.53	3.41	3.45	3.25	3.00	2.98	2.77			
160	4.69	4.68	4.21	4.05	3.70	3.65	3.60	3.62	4.20	4.05	3.89	3.81	3.49	3.14	3.06	3.07			
165	5.09	5.08	4.59	4.40	3.99	3.86	3.85	3.94	5.17	5.06	4.80	4.55	4.18	3.92	3.91	3.88			
170	5.79	5.73	5.17	4.86	4.51	4.32	4.42	4.63	5.84	5.74	5.22	4.95	4.62	4.42	4.49	4.53			
175	6.00	6.16	5.53	5.20	4.87	4.68	4.87	5.08	6.05	6.08	5.44	5.16	4.85	4.69	4.90	4.96			
180	5.86	5.89	5.24	4.87	4.57	4.49	4.87	5.10	5.97	5.99	5.31	4.93	4.64	4.55	4.94	5.19			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.0℃
Operators:DAMIN
Test Date:2024-04-10

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: