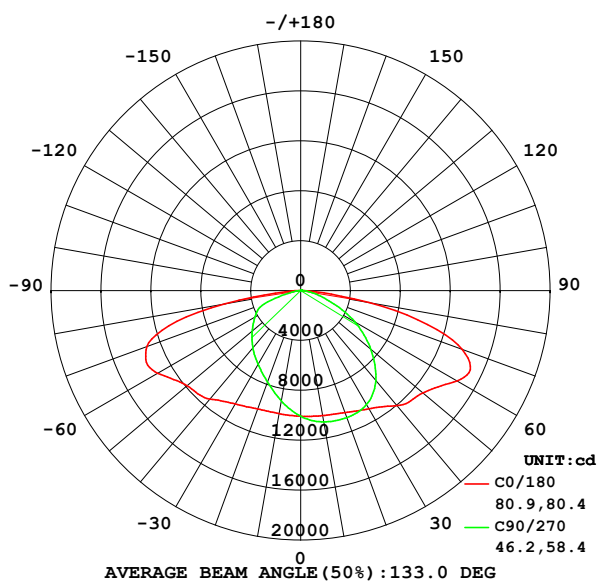
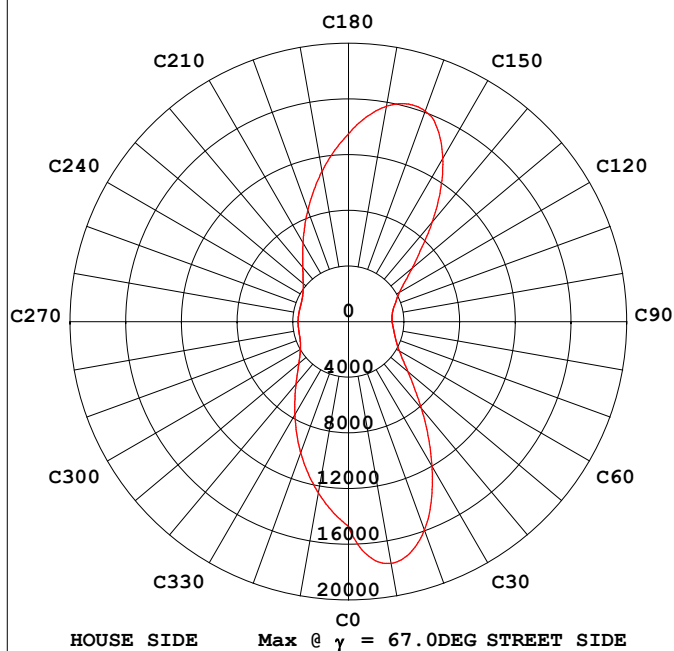


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.37V I:2.8817A P:340.64W PF:0.9986 Freq:60.01Hz Lamp Flux:43154.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 126.69 lm/W			
MODEL		I _{max} (cd)	15825	η street_up (%)	0.2
NOMINAL POWER (W)	350	LOR (%)	100.0	η street_down (%)	58.1
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	43155	η house_up (%)	0.1
NOMINAL FLUX (lm)	43154.6	MAXIMUM @ (C, γ)	158,67.0	η house_down (%)	41.7
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	25.980

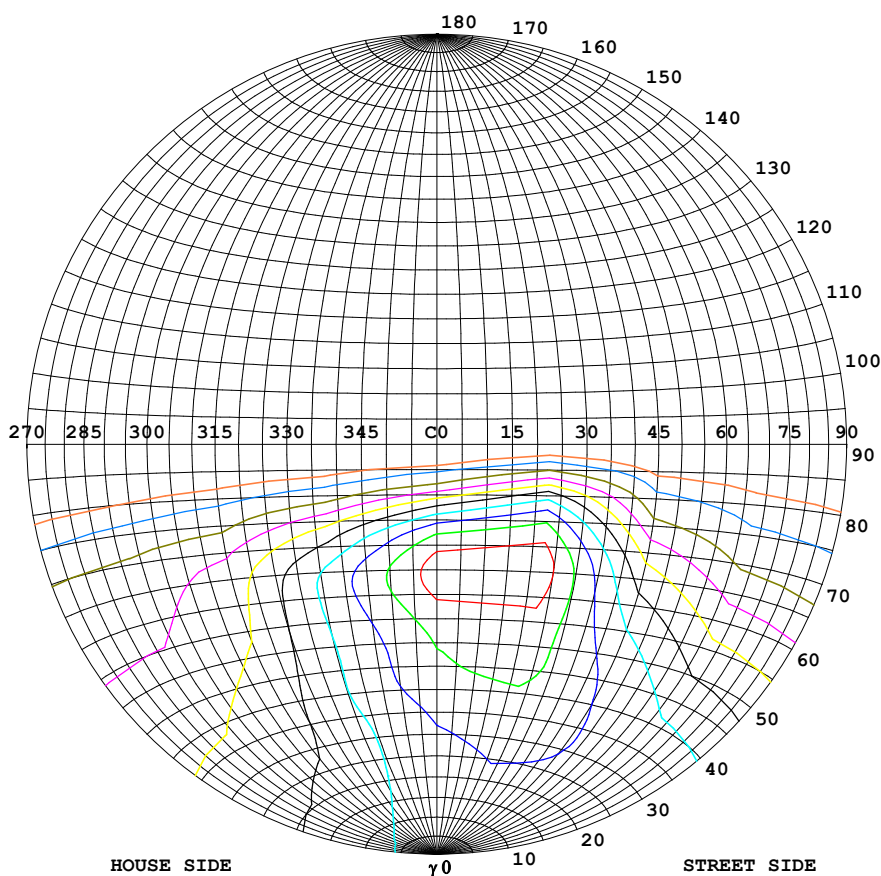
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
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:118.37V I:2.8817A P:340.64W PF:0.9986 Freq:60.01Hz Lamp Flux:43154.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



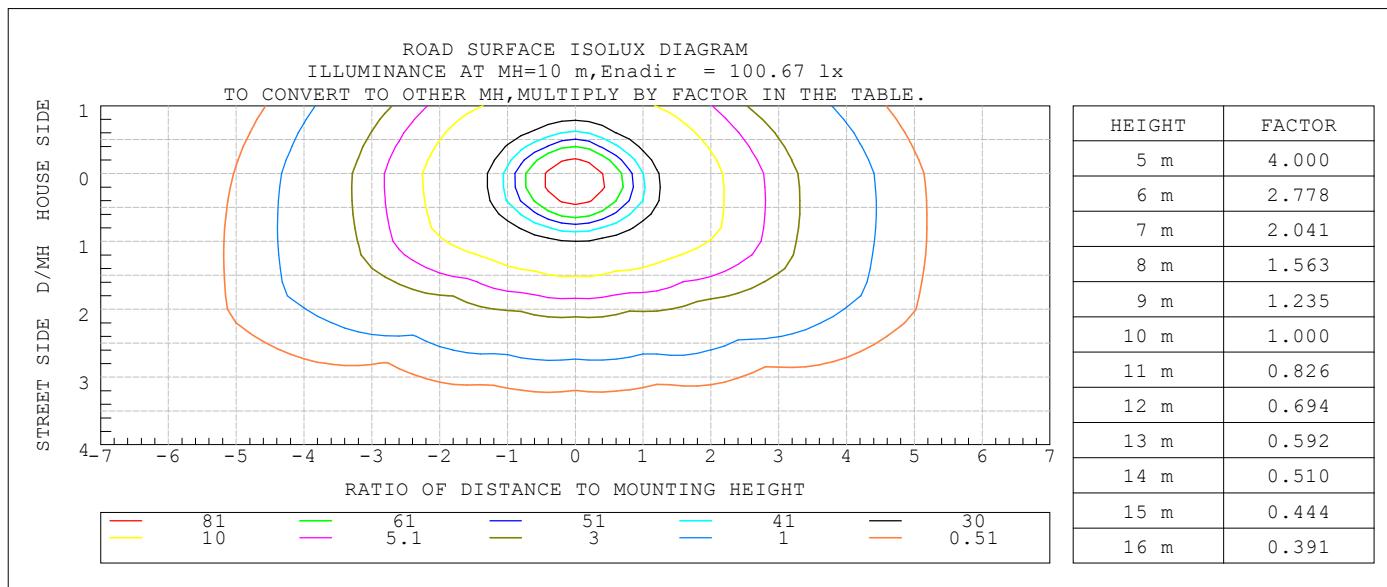
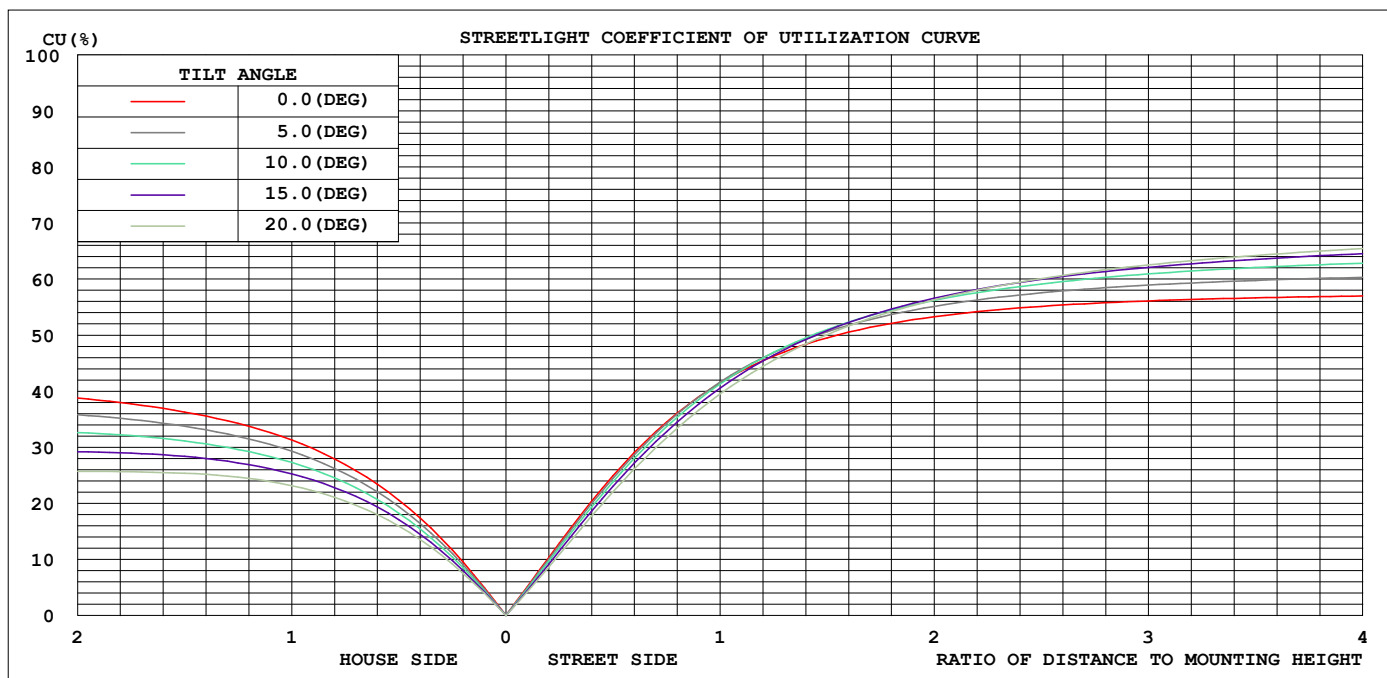
Classification:

IES:Type III - Short
CIE:Average - Intermediate
IES:None cut-off
CIE:Non-cut-off
Max.At80:204.1cd/klm
Max.At90:0.6836cd/klm
Max.80-90:204.1cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
I _{max} =100%		15825
90%		14242
80%		12660
70%		11077
60%		9495
50%		7912
40%		6330
30%		4747
20%		3165
10%		1582
5%		791

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
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: 24.1°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:118.37V I:2.8817A P:340.64W PF:0.9986 Freq:60.01Hz Lamp Flux:43154.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

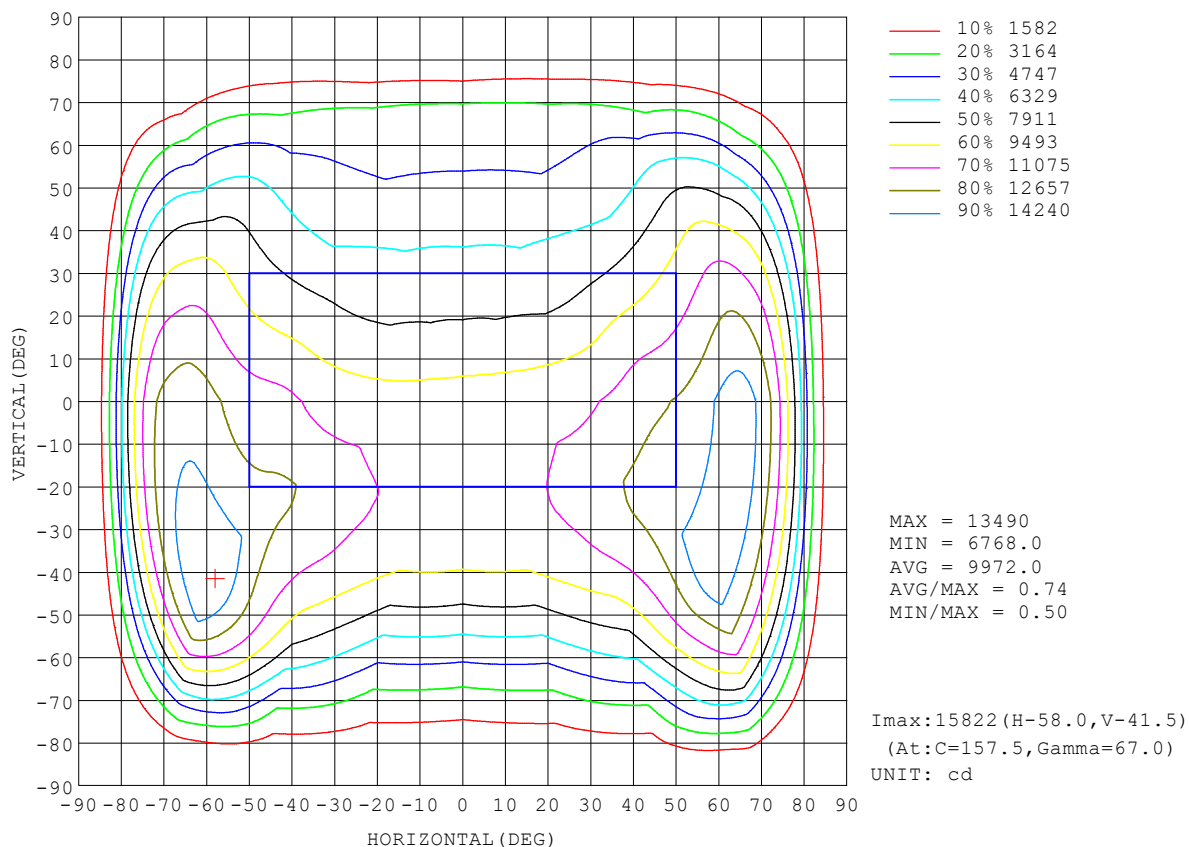
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1018	1060	1069	1055	1002	925.9	899.2	939.9	0- 10	956.5	956.5	2.22,2.22
20	1042	1088	1084	1086	1010	831.6	780.3	855.8	10- 20	2787	3744	8.68,8.68
30	1095	1109	1056	1109	1050	745.8	683.3	775.2	20- 30	4453	8197	19,19
40	1205	1108	937.9	1113	1136	678.2	598.2	717.4	30- 40	5938	14134	32.8,32.8
50	1277	1037	735.3	1066	1188	604.3	508.3	650.4	40- 50	7090	21224	49.2,49.2
60	1449	850.8	500.5	911.3	1327	533.9	423.7	586.9	50- 60	7709	28933	67,67
70	1376	568.6	242.5	631.3	1311	407.8	308.5	449.4	60- 70	7774	36708	85.1,85.1
80	556.5	194.4	84.06	200.6	615.3	125.7	62.11	118.8	70- 80	5273	41980	97.3,97.3
90	2.950	1.252	0.7196	1.096	0.7539	0.2645	0.1568	0.3556	80- 90	1055	43035	99.7,99.7
100	2.712	1.127	0.8403	1.229	0.6192	0.2032	0.1708	0.2278	90-100	8.762	43044	99.7,99.7
110	3.125	1.503	1.072	1.599	1.196	0.4294	0.4035	0.6325	100-110	10.90	43055	99.8,99.8
120	3.081	1.709	1.118	1.826	2.336	1.398	1.088	1.342	110-120	14.80	43070	99.8,99.8
130	3.089	2.185	1.619	2.116	2.849	2.102	1.762	2.218	120-130	18.20	43088	99.8,99.8
140	3.397	2.668	2.218	2.462	2.974	2.459	2.276	2.646	130-140	18.68	43107	99.9,99.9
150	3.766	3.272	2.857	2.873	3.159	2.781	2.695	2.720	140-150	17.41	43124	99.9,99.9
160	4.289	3.836	3.372	3.283	3.845	3.558	3.187	2.797	150-160	14.72	43139	100,100
170	5.298	4.718	4.115	4.037	5.349	4.778	4.227	4.107	160-170	11.18	43150	100,100
180	5.370	4.788	4.177	4.456	5.465	4.857	4.237	4.519	170-180	4.500	43155	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
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

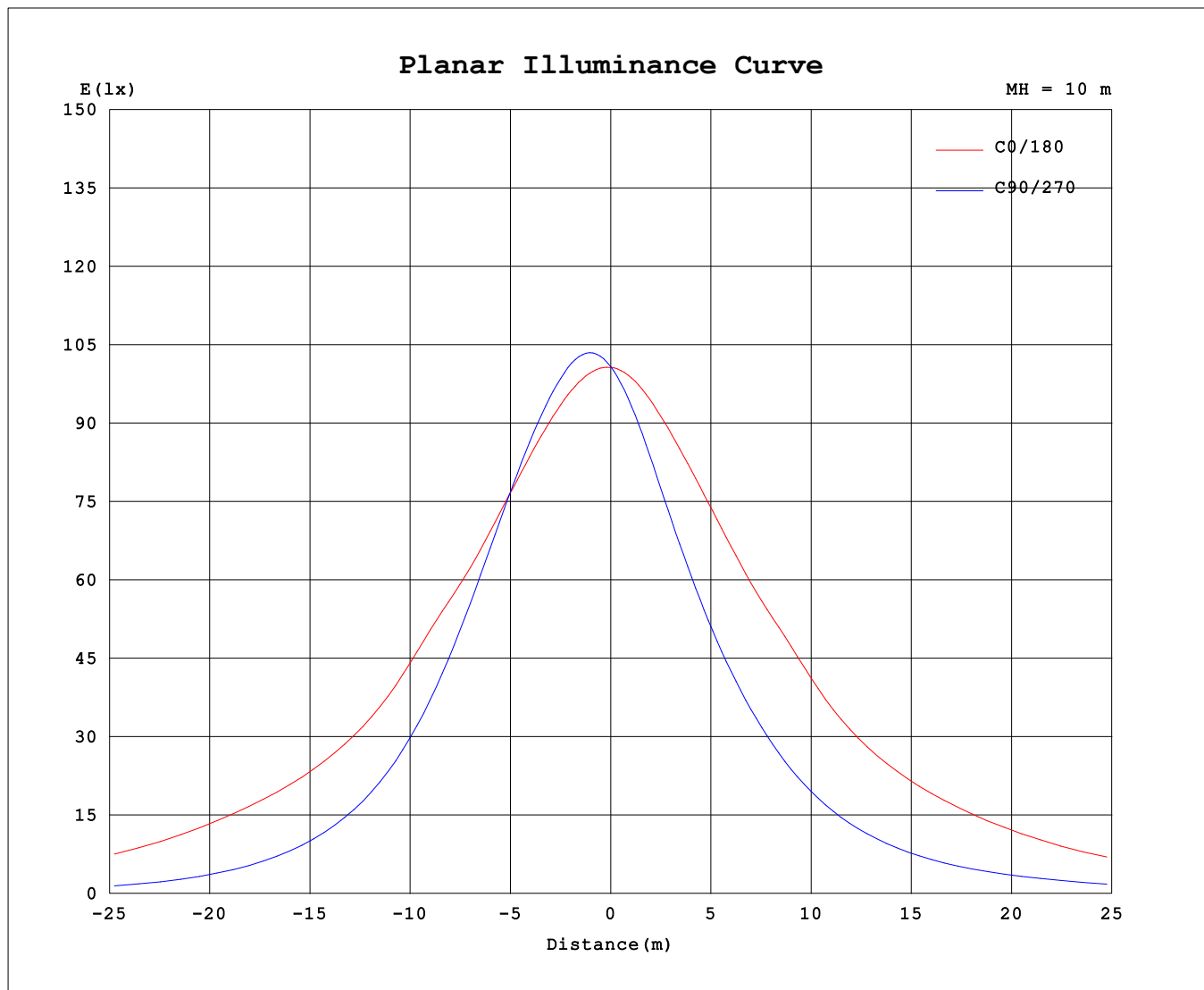
Test:U:118.37V I:2.8817A P:340.64W PF:0.9986 Freq:60.01Hz Lamp Flux:43154.6x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1°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



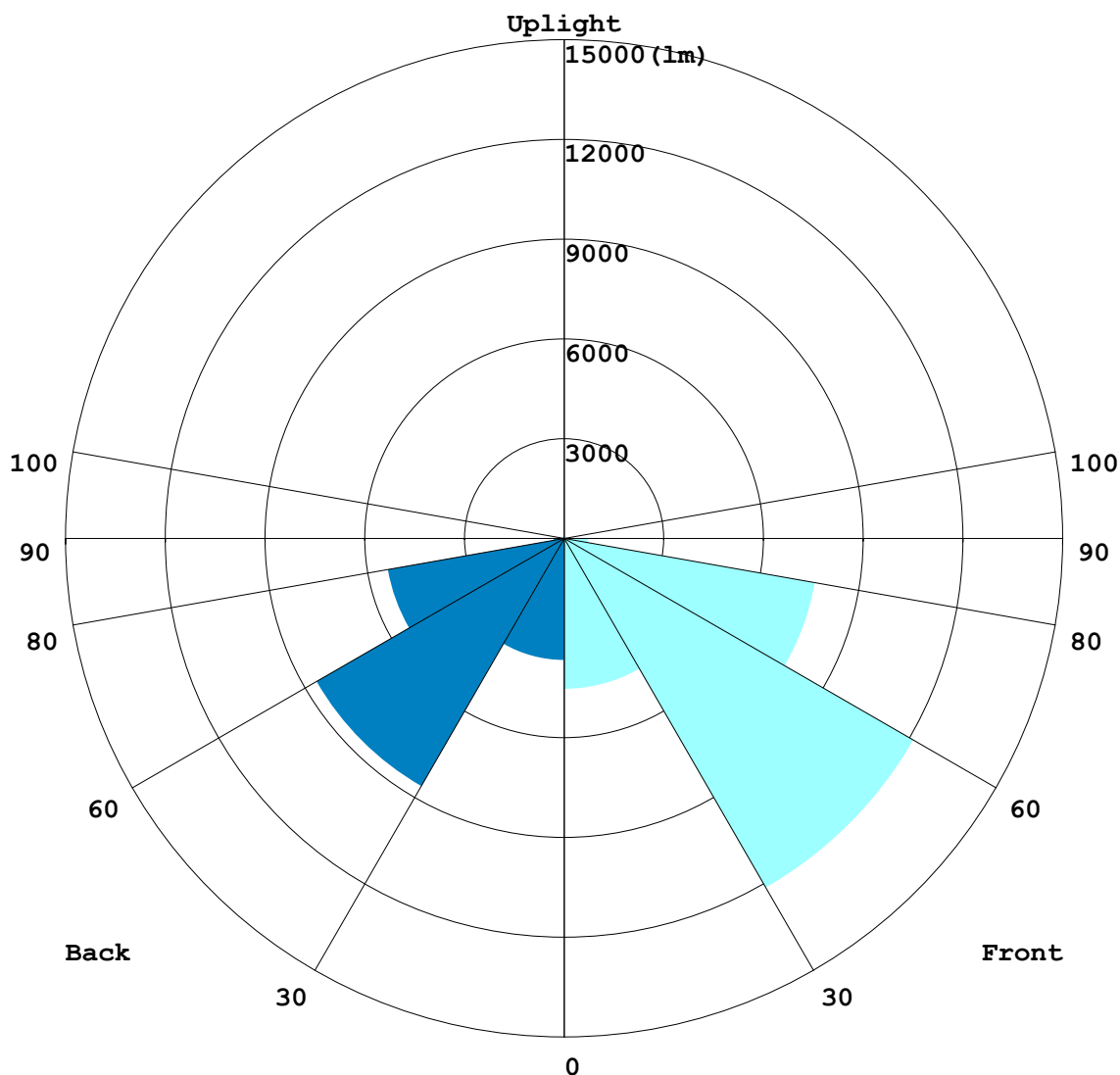
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.1°C
 Operators:DAMIN
 Test Date:2024-04-10

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:118.37V I:2.8817A P:340.64W PF:0.9986 Freq:60.01Hz Lamp Flux:43154.6x1 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: 24.1℃
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:118.37V I:2.8817A P:340.64W PF:0.9986 Freq:60.01Hz Lamp Flux:43154.6x1 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)	4532.4	10.5
FM - Front-Medium(30-60)	12134	28.1
FH - Front-High(60-80)	7656.9	17.7
FVH - Front-Very High(80-90)	729.69	1.7
Total Forward Light	25122	58.2

BL - Back-Low(0-30)	3664.3	8.5
BM - Back-Medium(30-60)	8602.9	19.9
BH - Back-High(60-80)	5390.1	12.5
BVH - Back-Very High(80-90)	325.41	0.8
Total Back Light	18033	41.8

UL - Uplight-Low(90-100)	8.7624	0.0
UH - Uplight-High(100-180)	110.38	0.3
Total Up Light	119.15	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G5
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	17983	50.192	18033
Street Side	25053	68.954	25122

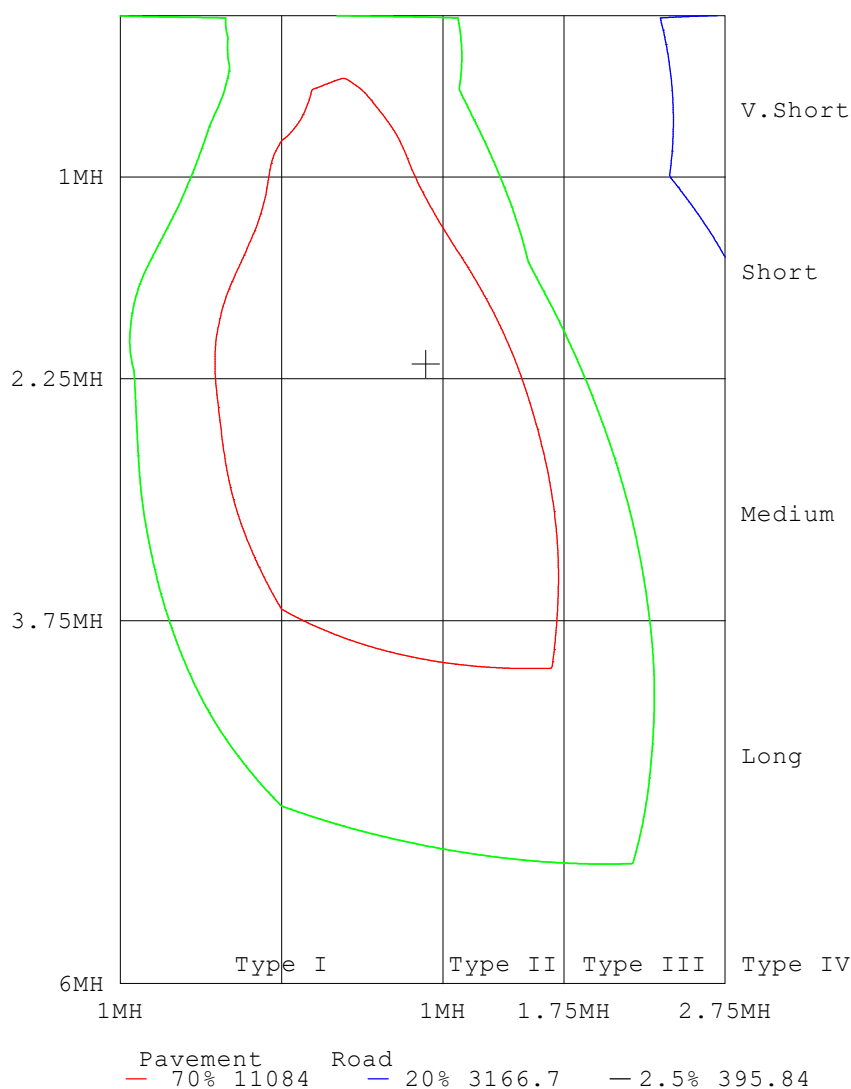
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
Operators:DAMIN
Test Date:2024-04-10

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:118.37V I:2.8817A P:340.64W PF:0.9986 Freq:60.01Hz Lamp Flux:43154.6x1 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: 24.1°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:118.37V I:2.8817A P:340.64W PF:0.9986 Freq:60.01Hz Lamp Flux:43154.6x1 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	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008	1008			
5	1012	1027	1039	1044	1045	1042	1034	1020	1004	986	970	960	957	963	976	994			
10	1018	1047	1060	1068	1069	1066	1055	1034	1002	962	926	905	899	912	940	980			
15	1027	1066	1075	1080	1080	1080	1072	1051	1003	937	879	846	838	854	899	964			
20	1042	1088	1088	1085	1084	1087	1086	1072	1010	916	832	789	780	798	856	951			
25	1064	1115	1099	1083	1078	1085	1099	1099	1027	896	786	739	729	747	813	941			
30	1095	1147	1109	1068	1056	1070	1109	1131	1050	884	746	693	683	701	775	938			
35	1137	1186	1114	1034	1010	1035	1115	1169	1083	883	713	652	641	659	746	951			
40	1205	1246	1108	975	938	977	1113	1222	1136	886	678	609	598	617	717	973			
45	1250	1314	1088	893	843	894	1102	1289	1168	875	640	561	552	570	683	975			
50	1277	1344	1037	791	735	792	1066	1314	1188	869	604	513	508	524	650	981			
55	1346	1390	957	676	622	678	1001	1365	1243	870	569	467	465	478	620	998			
60	1449	1460	851	557	500	556	911	1463	1327	878	534	424	424	435	587	1019			
65	1500	1517	725	427	367	424	796	1568	1364	846	488	385	384	394	547	996			
70	1376	1451	569	295	243	291	631	1544	1311	697	408	321	309	337	449	830			
75	1053	1252	370	185	151	181	402	1300	1096	486	265	180	158	202	273	575			
80	557	881	194	105	84.1	102	201	795	615	205	126	69.2	62.1	79.5	119	233			
85	129	309	59.2	44.8	34.5	41.9	52.3	200	127	32.9	28.6	19.4	20.3	22.2	27.0	45.8			
90	2.95	2.52	1.25	0.84	0.72	0.74	1.10	2.10	0.75	0.44	0.26	0.18	0.16	0.20	0.36	0.66			
95	2.48	1.70	0.98	0.73	0.69	0.76	1.08	1.98	0.48	0.35	0.19	0.14	0.13	0.14	0.19	0.37			
100	2.71	1.87	1.13	0.85	0.84	0.89	1.23	2.07	0.62	0.38	0.20	0.15	0.17	0.22	0.23	0.38			
105	2.94	2.16	1.36	1.01	1.01	1.01	1.43	2.20	0.86	0.47	0.27	0.23	0.26	0.33	0.39	0.52			
110	3.12	2.39	1.50	1.23	1.07	1.21	1.60	2.28	1.20	0.72	0.43	0.39	0.40	0.54	0.63	0.78			
115	3.20	2.58	1.56	1.48	1.12	1.40	1.73	2.34	1.73	1.36	0.81	0.69	0.69	0.90	0.81	1.35			
120	3.08	2.61	1.71	1.65	1.12	1.56	1.83	2.30	2.34	2.03	1.40	1.09	1.09	1.38	1.34	2.06			
125	3.04	2.63	1.97	1.82	1.38	1.74	1.96	2.29	2.71	2.56	1.81	1.45	1.45	1.71	1.88	2.42			
130	3.09	2.61	2.19	2.01	1.62	1.89	2.12	2.36	2.85	2.72	2.10	1.74	1.76	2.00	2.22	2.47			
135	3.25	2.65	2.44	2.24	1.92	2.14	2.30	2.50	2.91	2.81	2.29	2.01	2.03	2.28	2.49	2.48			
140	3.40	2.79	2.67	2.48	2.22	2.40	2.46	2.64	2.97	2.88	2.46	2.27	2.28	2.46	2.65	2.47			
145	3.55	3.08	2.95	2.77	2.52	2.65	2.65	2.78	3.06	2.96	2.64	2.53	2.48	2.59	2.77	2.48			
150	3.77	3.49	3.27	3.11	2.86	2.91	2.87	2.95	3.16	3.00	2.78	2.75	2.70	2.64	2.72	2.48			
155	4.00	3.90	3.54	3.41	3.13	3.11	3.06	3.11	3.36	3.23	3.11	3.15	2.98	2.75	2.73	2.54			
160	4.29	4.28	3.84	3.69	3.37	3.32	3.28	3.32	3.85	3.71	3.56	3.49	3.19	2.88	2.80	2.81			
165	4.66	4.64	4.19	4.02	3.64	3.52	3.51	3.60	4.74	4.64	4.39	4.16	3.82	3.58	3.58	3.55			
170	5.30	5.24	4.72	4.44	4.12	3.94	4.04	4.24	5.35	5.26	4.78	4.53	4.23	4.04	4.11	4.14			
175	5.49	5.64	5.05	4.75	4.45	4.27	4.45	4.65	5.54	5.57	4.97	4.72	4.43	4.29	4.48	4.54			
180	5.37	5.40	4.79	4.45	4.18	4.10	4.46	4.67	5.47	5.48	4.86	4.51	4.24	4.16	4.52	4.75			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.1℃
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: