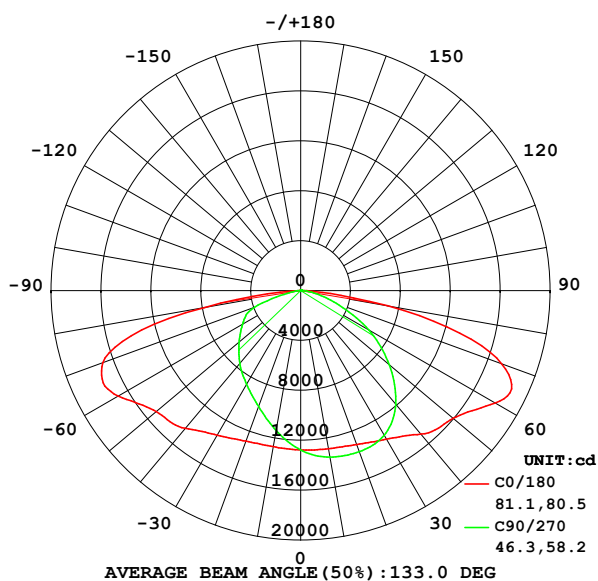
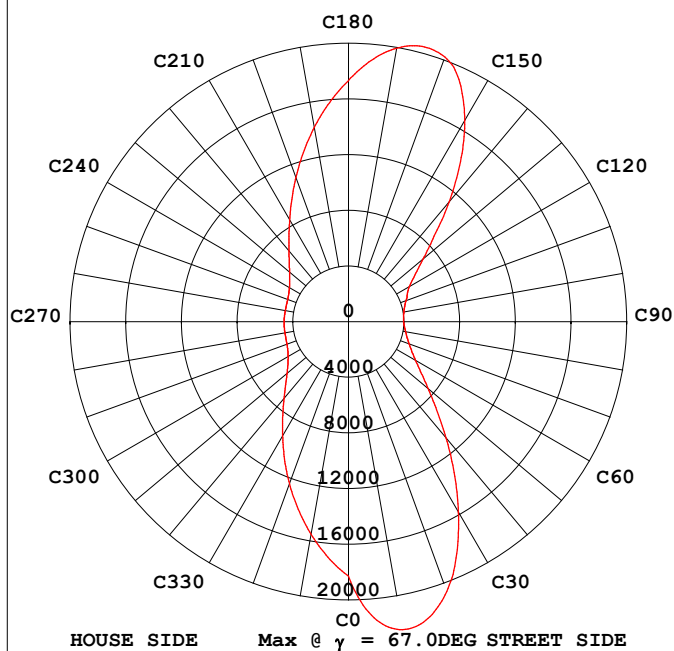


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:117.94V I:3.8433A P:452.85W PF:0.9991 Freq:60.01Hz Lamp Flux:54722.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.84 lm/W			
MODEL		I _{max} (cd)	19801	η street_up (%)	0.2
NOMINAL POWER (W)	450	LOR (%)	100.0	η street_down (%)	58.0
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	54723	η house_up (%)	0.1
NOMINAL FLUX (lm)	54722.7	MAXIMUM @ (C, γ)	158,67.0	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	26.395

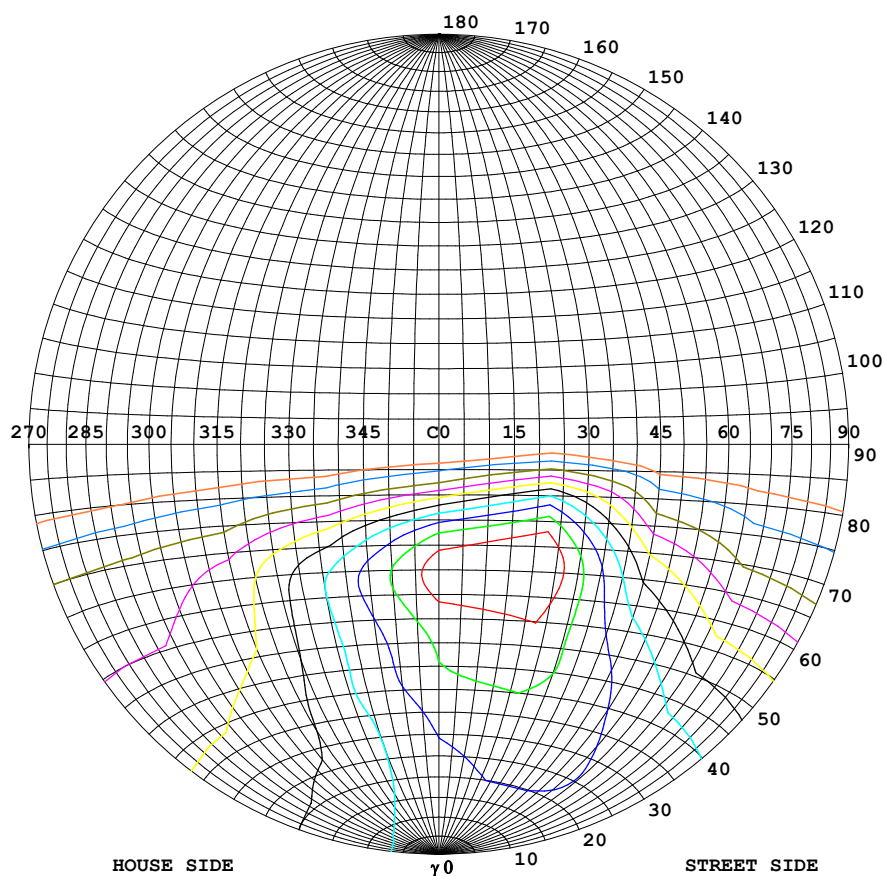
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.2℃
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:117.94V I:3.8433A P:452.85W PF:0.9991 Freq:60.01Hz Lamp Flux:54722.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



Classification:

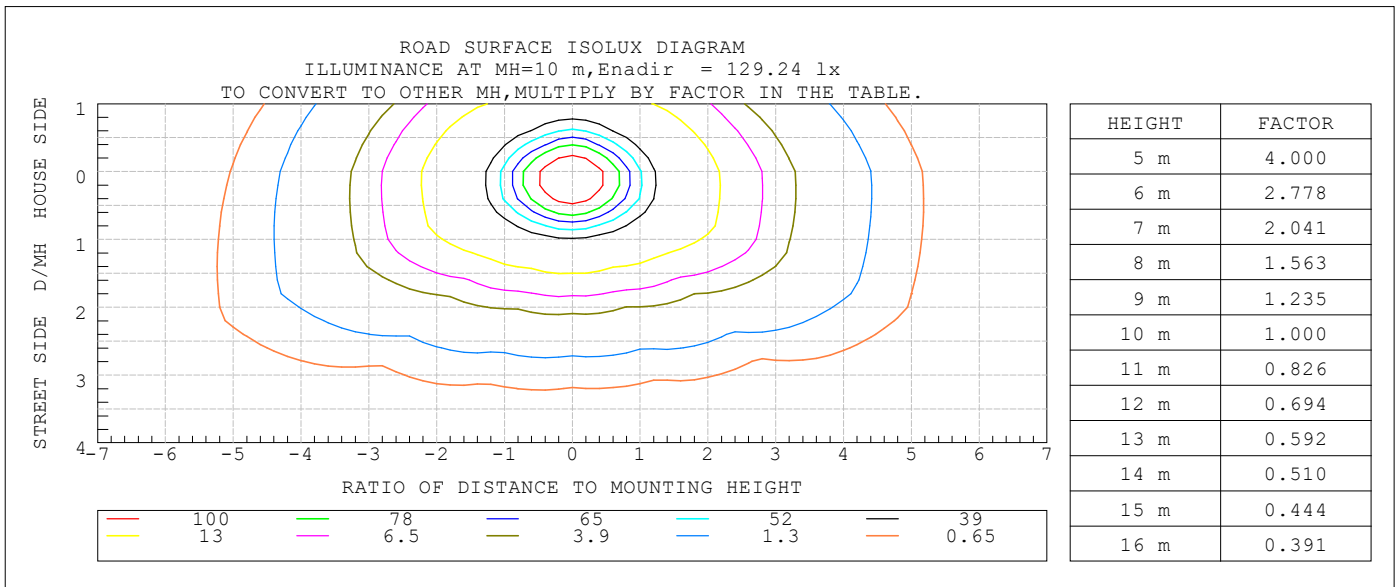
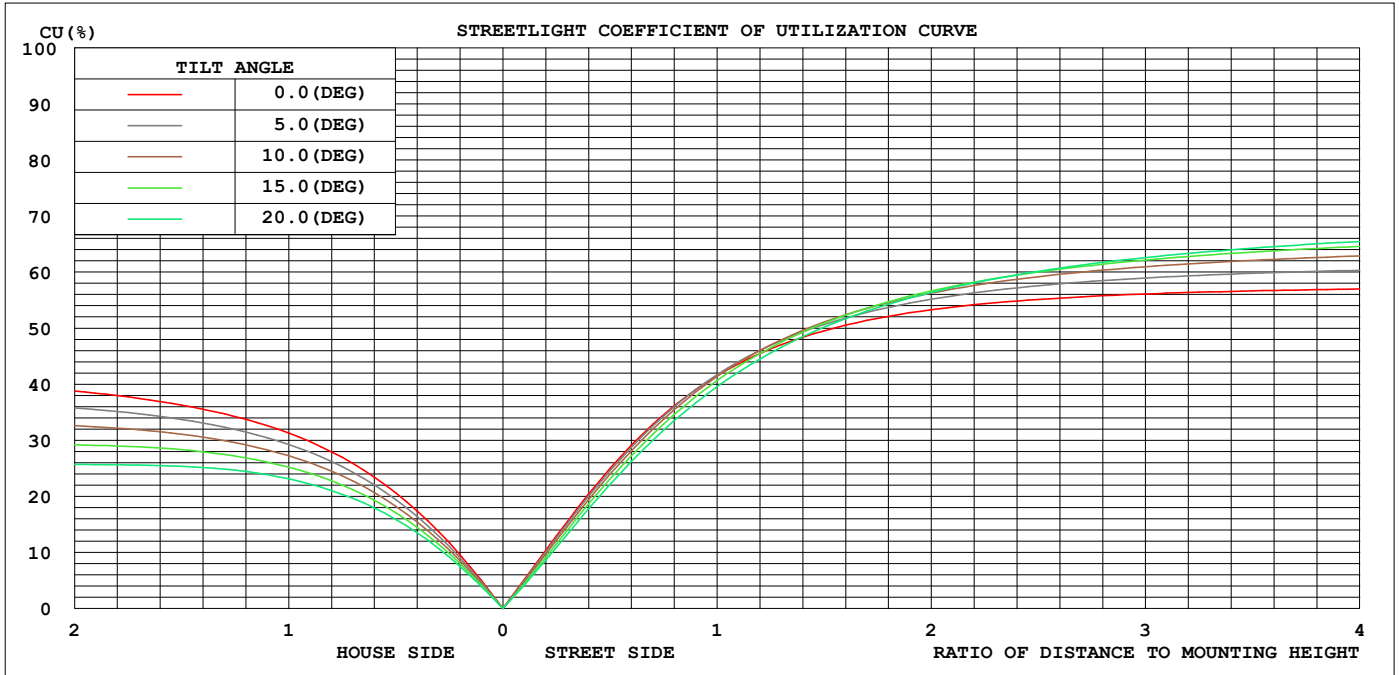
IES:Type III - Short
CIE:Average - Intermediate
IES:None cut-off
CIE:Non-cut-off
Max.At80:215.3cd/klm
Max.At90:0.7580cd/klm
Max.80-90:215.3cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	19801
90%	17821
80%	15841
70%	13860
60%	11880
50%	9900
40%	7920
30%	5940
20%	3960
10%	1980
5%	990

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.2℃
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: 23.2°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:117.94V I:3.8433A P:452.85W PF:0.9991 Freq:60.01Hz Lamp Flux:54722.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

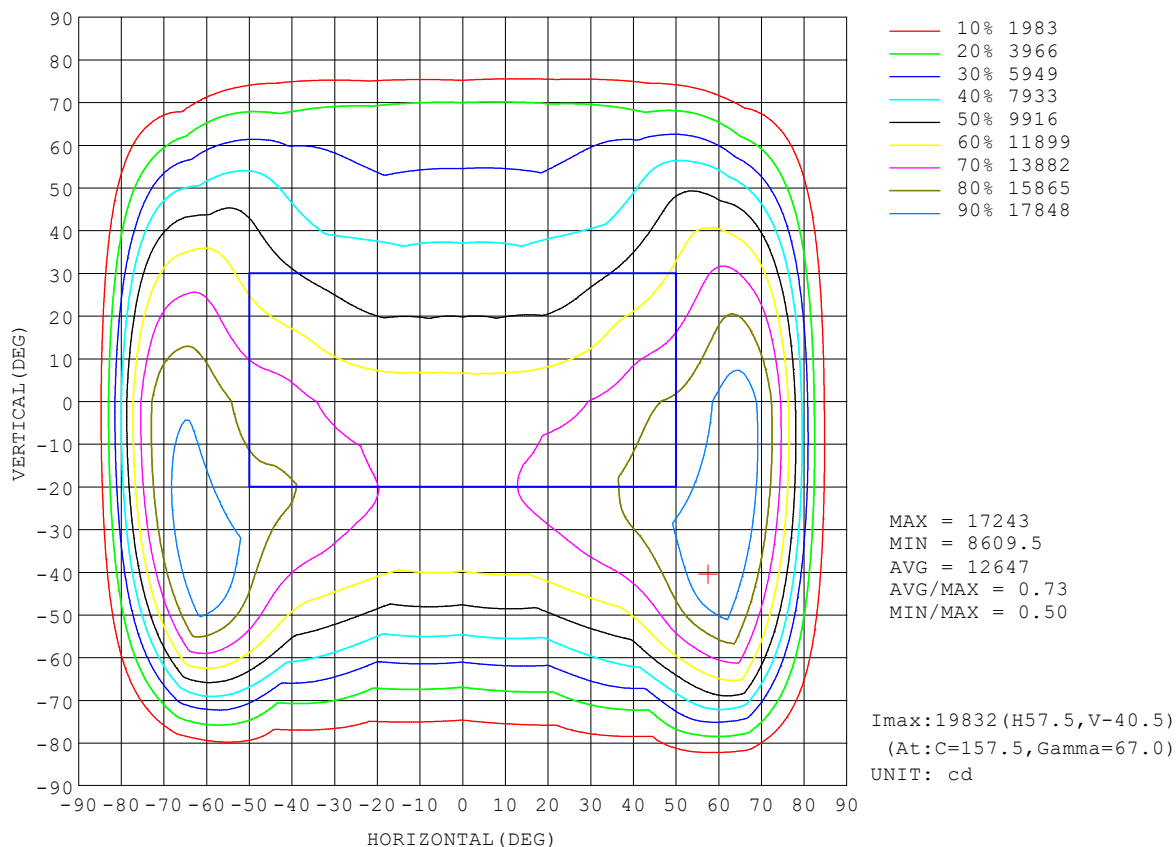
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1287	1344	1355	1338	1270	1177	1140	1190	0- 10	1213	1213	2.22,2.22
20	1313	1380	1375	1376	1285	1060	989.6	1078	10- 20	3533	4745	8.67,8.67
30	1376	1412	1339	1401	1338	954.3	868.3	973.5	20- 30	5646	10391	19,19
40	1503	1419	1187	1398	1442	871.4	760.9	897.5	30- 40	7523	17914	32.7,32.7
50	1595	1343	927.6	1319	1511	781.3	645.9	809.6	40- 50	8973	26887	49.1,49.1
60	1802	1119	631.2	1103	1691	694.3	538.3	723.9	50- 60	9757	36644	67,67
70	1711	773.1	306.5	735.5	1687	528.6	395.6	559.3	60- 70	9855	46499	85,85
80	706.5	267.4	106.2	219.1	782.6	155.7	79.85	158.1	70- 80	6707	53206	97.2,97.2
90	4.148	1.902	0.8788	1.300	0.9536	0.3351	0.2009	0.5210	80- 90	1366	54572	99.7,99.7
100	3.468	1.430	1.077	1.507	0.8164	0.2704	0.2149	0.2783	90-100	11.21	54584	99.7,99.7
110	3.965	1.863	1.483	1.956	1.556	0.5518	0.5069	0.7531	100-110	13.84	54598	99.8,99.8
120	3.884	2.125	1.590	2.273	3.074	1.820	1.365	1.669	110-120	18.76	54616	99.8,99.8
130	3.891	2.720	1.842	2.638	3.595	2.683	2.236	2.796	120-130	22.92	54639	99.8,99.8
140	4.277	3.352	2.670	3.075	3.749	3.113	2.891	3.359	130-140	23.52	54663	99.9,99.9
150	4.735	4.119	3.573	3.588	3.953	3.468	3.409	3.435	140-150	21.87	54685	99.9,99.9
160	5.385	4.832	4.221	4.092	4.794	4.401	4.041	3.530	150-160	18.44	54703	100,100
170	6.733	5.920	5.133	5.022	6.644	5.955	5.290	5.154	160-170	14.01	54717	100,100
180	6.700	6.007	5.225	5.528	6.833	6.114	5.313	5.620	170-180	5.628	54723	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.2℃
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

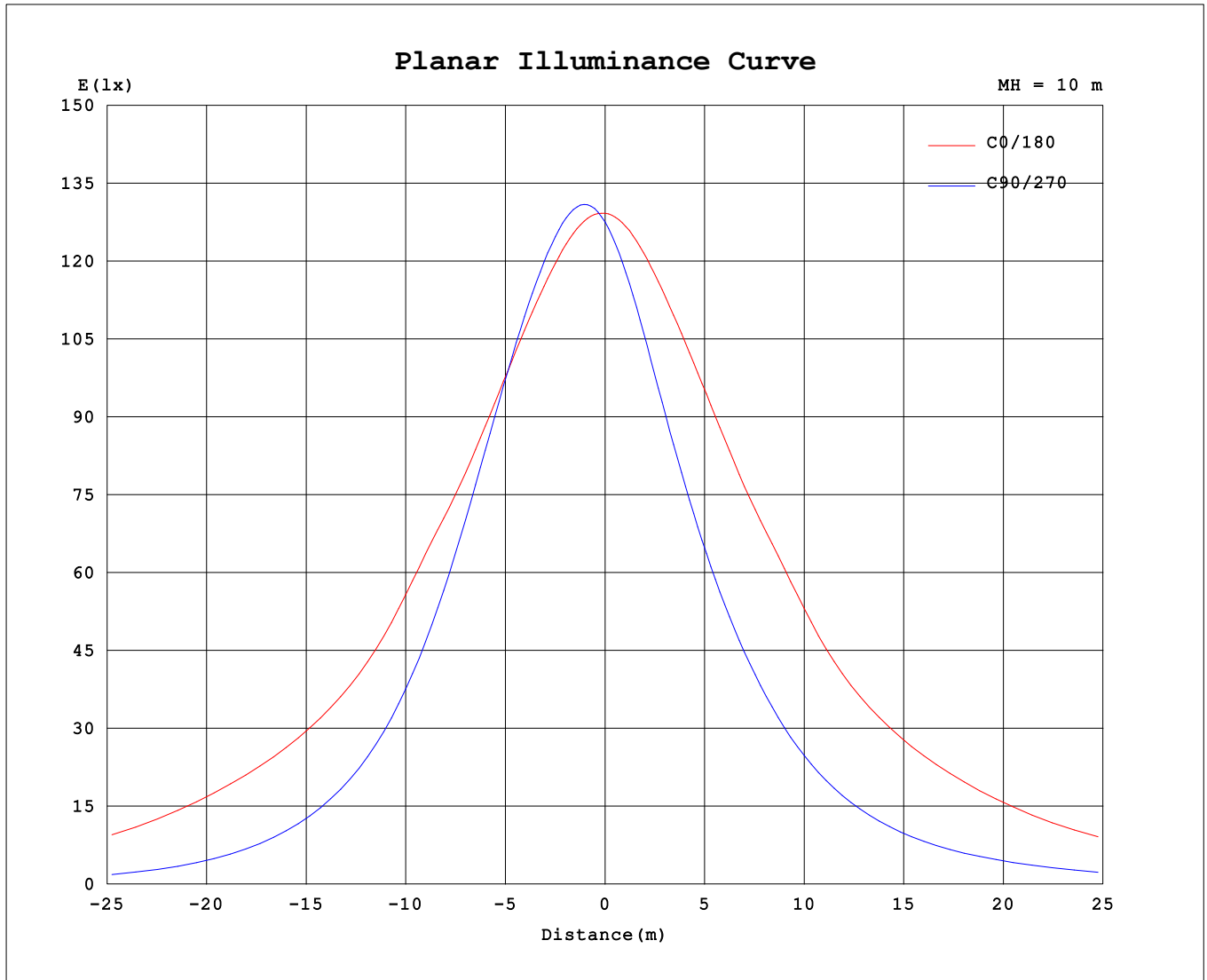
Test:U:117.94V I:3.8433A P:452.85W PF:0.9991 Freq:60.01Hz Lamp Flux:54722.7x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.2°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



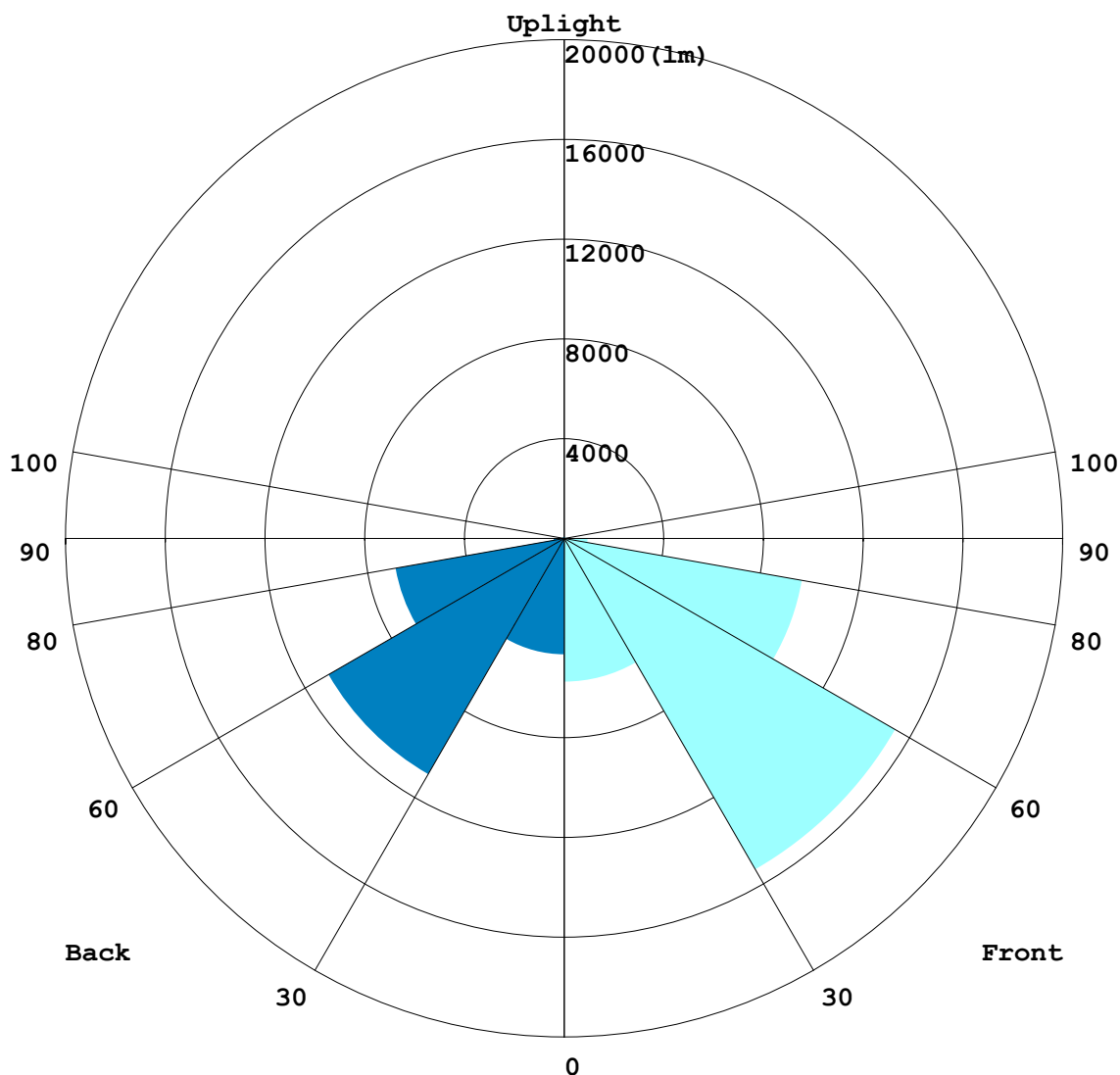
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 23.2°C
 Operators:DAMIN
 Test Date:2024-04-10

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:117.94V I:3.8433A P:452.85W PF:0.9991 Freq:60.01Hz Lamp Flux:54722.7x1 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: 23.2℃
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:117.94V I:3.8433A P:452.85W PF:0.9991 Freq:60.01Hz Lamp Flux:54722.7x1 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)	5743.4	10.5
FM - Front-Medium(30-60)	15337	28.0
FH - Front-High(60-80)	9691.7	17.7
FVH - Front-Very High(80-90)	941.45	1.7
Total Forward Light	31801	58.1

BL - Back-Low(0-30)	4647.9	8.5
BM - Back-Medium(30-60)	10915	19.9
BH - Back-High(60-80)	6870.8	12.6
BVH - Back-Very High(80-90)	424.84	0.8
Total Back Light	22922	41.9

UL - Uplight-Low(90-100)	11.206	0.0
UH - Uplight-High(100-180)	138.98	0.3
Total Up Light	150.19	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G5
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	22858	63.425	22922
Street Side	31714	86.762	31801

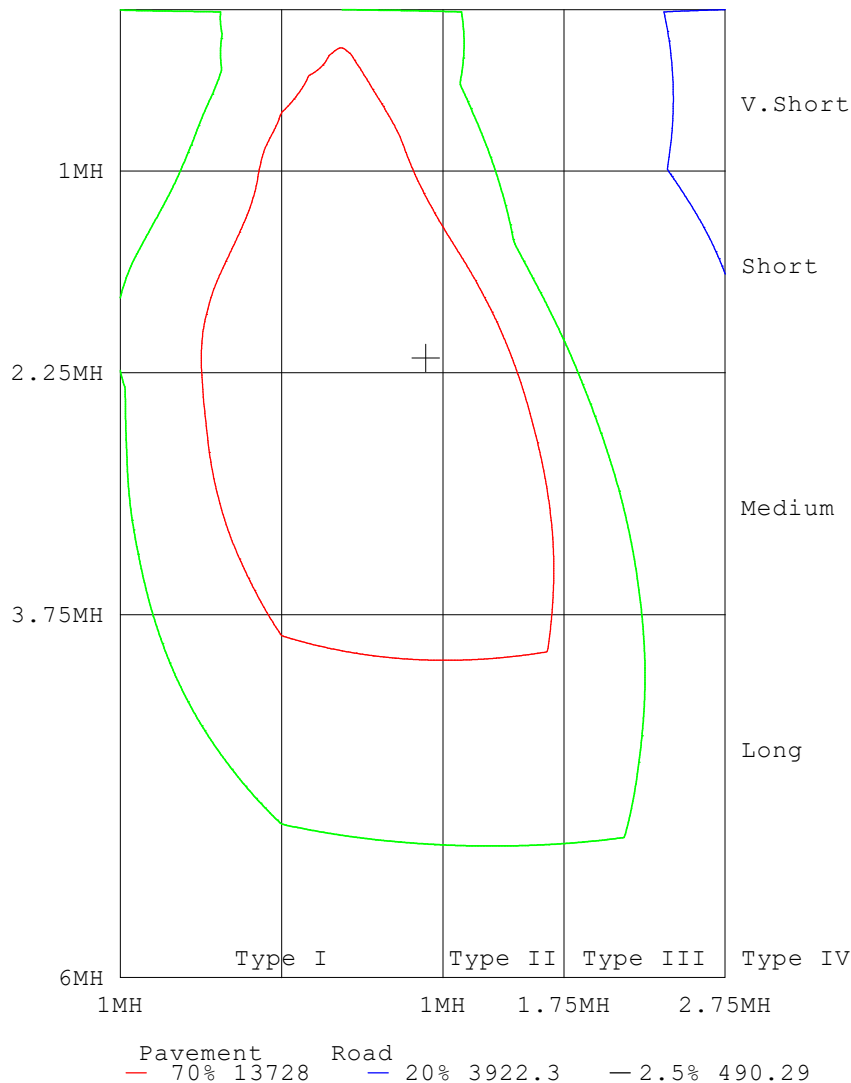
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.2℃
Operators:DAMIN
Test Date:2024-04-10

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:117.94V I:3.8433A P:452.85W PF:0.9991 Freq:60.01Hz Lamp Flux:54722.7x1 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: 23.2°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:117.94V I:3.8433A P:452.85W PF:0.9991 Freq:60.01Hz Lamp Flux:54722.7x1 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	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277	1277			
5	1282	1302	1316	1325	1326	1323	1311	1295	1274	1251	1230	1217	1214	1221	1237	1258			
10	1287	1325	1344	1355	1355	1353	1338	1313	1270	1222	1177	1148	1140	1153	1190	1238			
15	1296	1349	1365	1370	1370	1369	1360	1334	1273	1192	1119	1074	1062	1080	1136	1216			
20	1313	1376	1380	1376	1375	1377	1376	1360	1285	1166	1060	1003	990	1009	1078	1197			
25	1340	1411	1398	1375	1368	1375	1390	1394	1307	1144	1004	939	926	945	1024	1182			
30	1376	1452	1412	1357	1339	1354	1401	1436	1338	1131	954	882	868	887	973	1176			
35	1425	1502	1421	1314	1280	1307	1406	1481	1378	1132	914	830	815	834	935	1188			
40	1503	1573	1419	1241	1187	1230	1398	1550	1442	1136	871	776	761	781	898	1212			
45	1560	1664	1400	1137	1065	1121	1375	1632	1485	1124	825	715	702	722	852	1212			
50	1595	1706	1343	1007	928	989	1319	1661	1511	1116	781	654	646	662	810	1216			
55	1680	1773	1247	864	784	844	1229	1724	1583	1119	738	595	590	605	768	1234			
60	1802	1875	1119	712	631	691	1103	1842	1691	1133	694	542	538	551	724	1256			
65	1865	1965	967	550	463	525	947	1967	1748	1093	638	491	488	499	672	1226			
70	1711	1897	773	382	306	358	736	1922	1687	906	529	414	396	427	559	1018			
75	1320	1646	511	242	192	222	454	1608	1406	642	340	234	204	252	347	698			
80	706	1178	267	138	106	125	219	958	783	274	156	91.4	79.9	99.8	158	290			
85	178	422	81.9	58.2	43.5	50.3	59.4	226	167	44.0	37.8	24.4	26.4	28.3	42.2	59.0			
90	4.15	3.48	1.90	1.12	0.88	0.89	1.30	2.55	0.95	0.57	0.34	0.24	0.20	0.26	0.52	0.96			
95	3.21	2.21	1.28	0.94	0.89	0.96	1.32	2.43	0.63	0.46	0.25	0.18	0.17	0.17	0.24	0.44			
100	3.47	2.42	1.43	1.10	1.08	1.12	1.51	2.56	0.82	0.50	0.27	0.20	0.21	0.27	0.28	0.47			
105	3.73	2.78	1.67	1.29	1.32	1.30	1.76	2.73	1.12	0.64	0.35	0.29	0.32	0.41	0.48	0.64			
110	3.96	3.07	1.86	1.55	1.48	1.51	1.96	2.84	1.56	0.93	0.55	0.49	0.51	0.67	0.75	0.96			
115	4.05	3.30	1.94	1.87	1.54	1.73	2.15	2.91	2.24	1.74	1.07	0.87	0.87	1.14	1.01	1.66			
120	3.88	3.33	2.12	2.09	1.59	1.85	2.27	2.87	3.07	2.76	1.82	1.39	1.36	1.71	1.67	2.56			
125	3.82	3.35	2.44	2.28	1.56	2.06	2.44	2.86	3.44	3.21	2.36	1.85	1.81	2.13	2.40	3.05			
130	3.89	3.38	2.72	2.51	1.84	2.35	2.64	2.95	3.60	3.44	2.68	2.23	2.24	2.51	2.80	3.12			
135	4.10	3.41	3.06	2.78	2.28	2.70	2.87	3.12	3.66	3.56	2.92	2.55	2.58	2.85	3.15	3.14			
140	4.28	3.55	3.35	3.10	2.67	3.02	3.07	3.30	3.75	3.64	3.11	2.88	2.89	3.09	3.36	3.13			
145	4.44	3.87	3.71	3.46	3.13	3.32	3.31	3.48	3.86	3.72	3.30	3.18	3.13	3.25	3.50	3.15			
150	4.74	4.36	4.12	3.90	3.57	3.64	3.59	3.69	3.95	3.77	3.47	3.47	3.41	3.32	3.44	3.14			
155	5.02	4.87	4.46	4.28	3.91	3.89	3.82	3.88	4.19	4.01	3.87	3.94	3.78	3.45	3.44	3.16			
160	5.38	5.36	4.83	4.63	4.22	4.14	4.09	4.13	4.79	4.61	4.40	4.35	4.04	3.63	3.53	3.50			
165	5.86	5.84	5.27	5.03	4.55	4.37	4.38	4.48	5.90	5.75	5.44	5.22	4.83	4.51	4.51	4.43			
170	6.73	6.59	5.92	5.57	5.13	4.89	5.02	5.27	6.64	6.53	5.95	5.67	5.29	5.07	5.15	5.16			
175	7.01	7.07	6.33	5.95	5.55	5.31	5.55	5.79	6.83	6.94	6.23	5.91	5.55	5.35	5.61	5.65			
180	6.70	6.76	6.01	5.60	5.23	5.12	5.53	5.82	6.83	6.85	6.11	5.65	5.31	5.17	5.62	5.91			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 23.2℃
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: