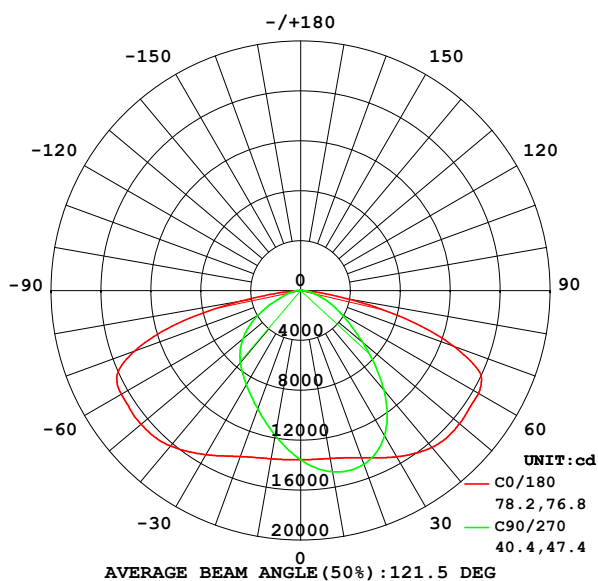
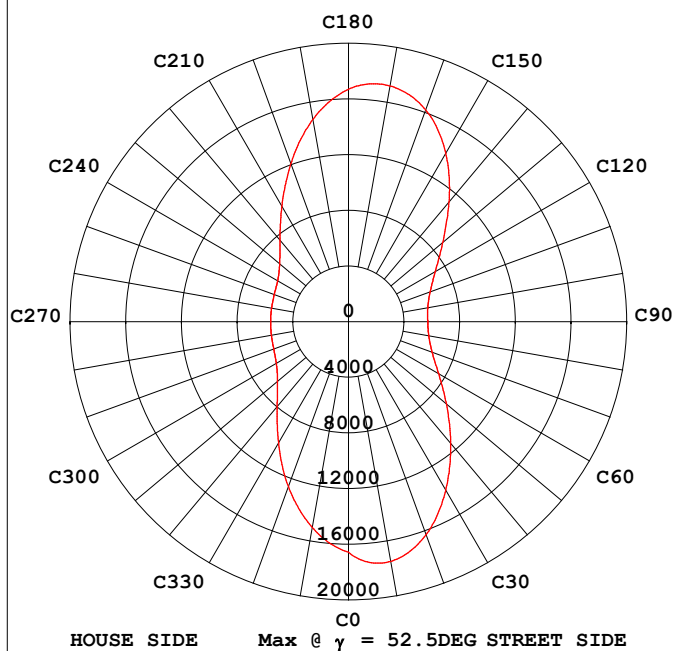


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.46V I:2.7693A P:327.55W PF:0.9985 Freq:60.01Hz Lamp Flux:47477.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 144.95 lm/W			
MODEL		I _{max} (cd)	16712	η street_up (%)	0.2
NOMINAL POWER (W)	350	LOR (%)	100.0	η street_down (%)	55.7
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	47477	η house_up (%)	0.1
NOMINAL FLUX (lm)	47477.2	MAXIMUM @ (C, γ)	180,52.5	η house_down (%)	44.1
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	25.497

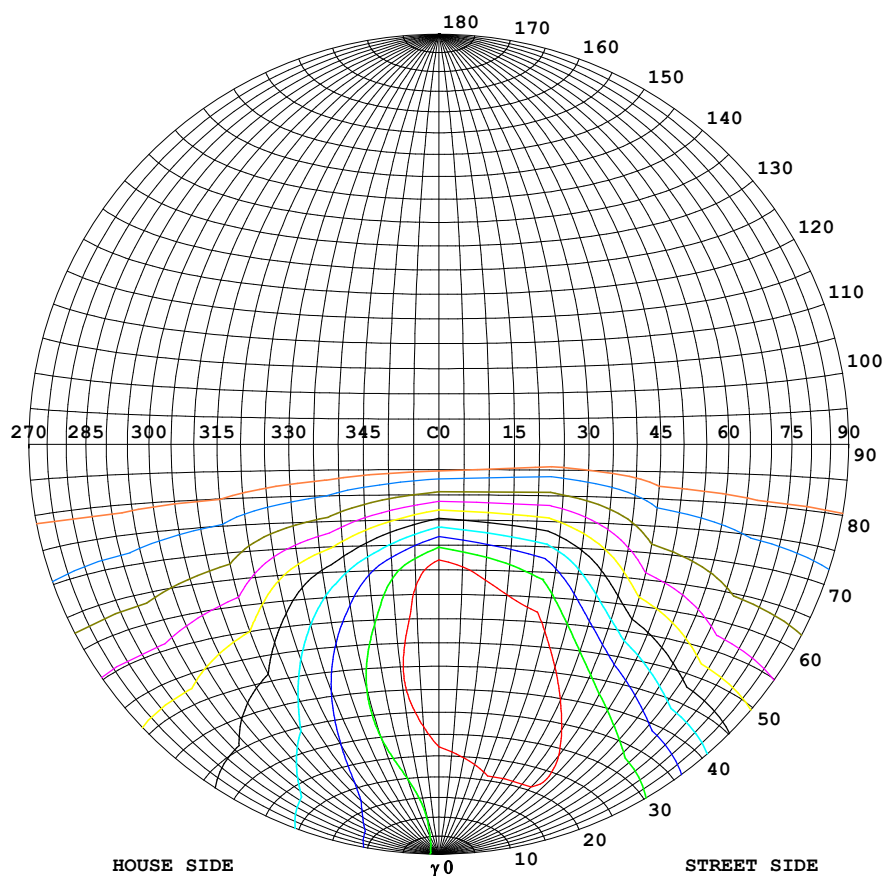
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 27.1℃
Operators:DAMIN
Test Date:2024-03-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:118.46V I:2.7693A P:327.55W PF:0.9985 Freq:60.01Hz Lamp Flux:47477.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



Classification:

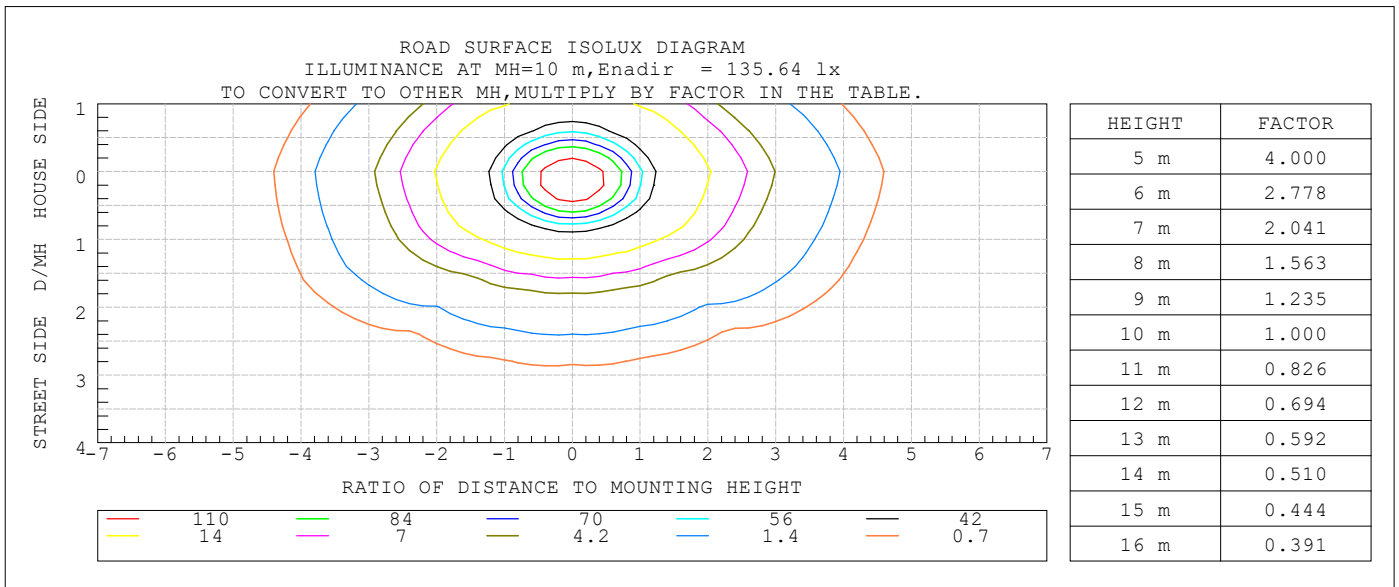
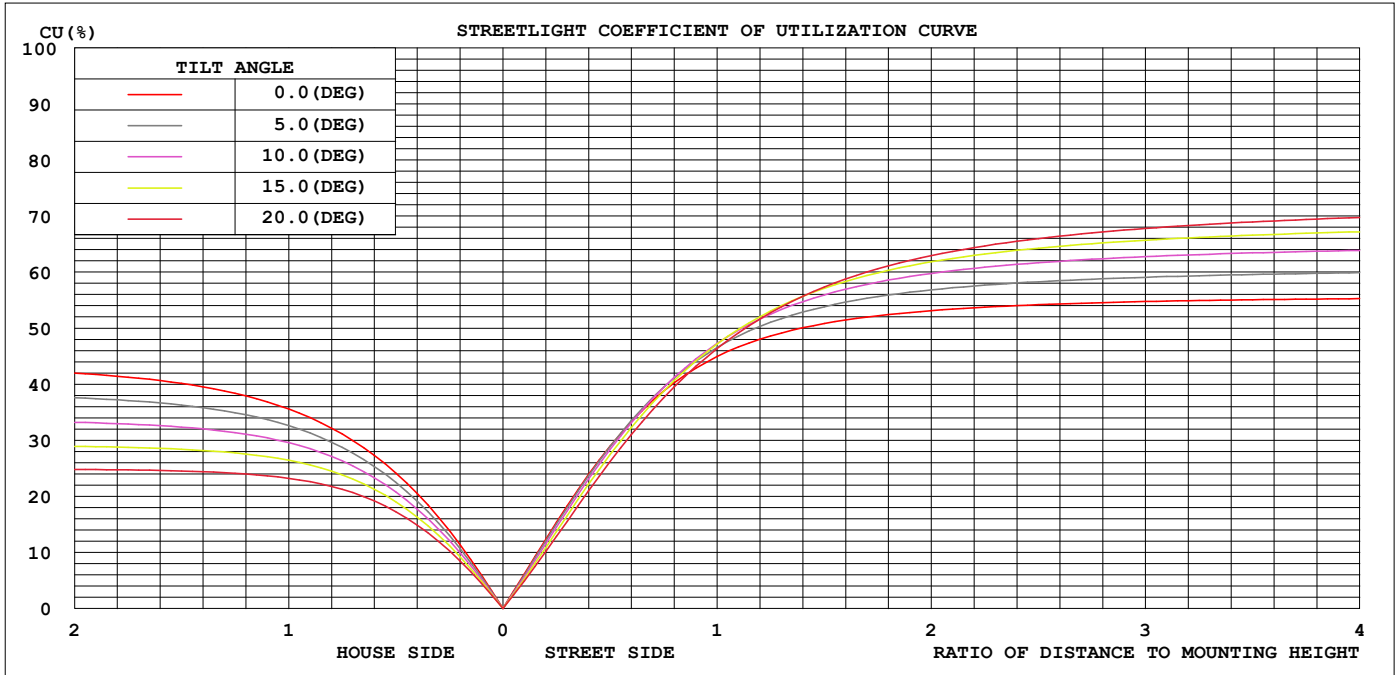
IES:Type II - Short
CIE:Narrow - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:102.8cd/klm
Max.At90:0.5259cd/klm
Max.80-90:102.8cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
I _{max} =100%		16712
— 90%		15041
— 80%		13370
— 70%		11699
— 60%		10027
— 50%		8356
— 40%		6685
— 30%		5014
— 20%		3342
— 10%		1671
— 5%		836

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 27.1°C
Operators:DAMIN
Test Date:2024-03-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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: MEDIUM
Temperature: 27.1°C
Operators:DAMIN
Test Date:2024-03-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
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:118.46V I:2.7693A P:327.55W PF:0.9985 Freq:60.01Hz Lamp Flux:47477.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

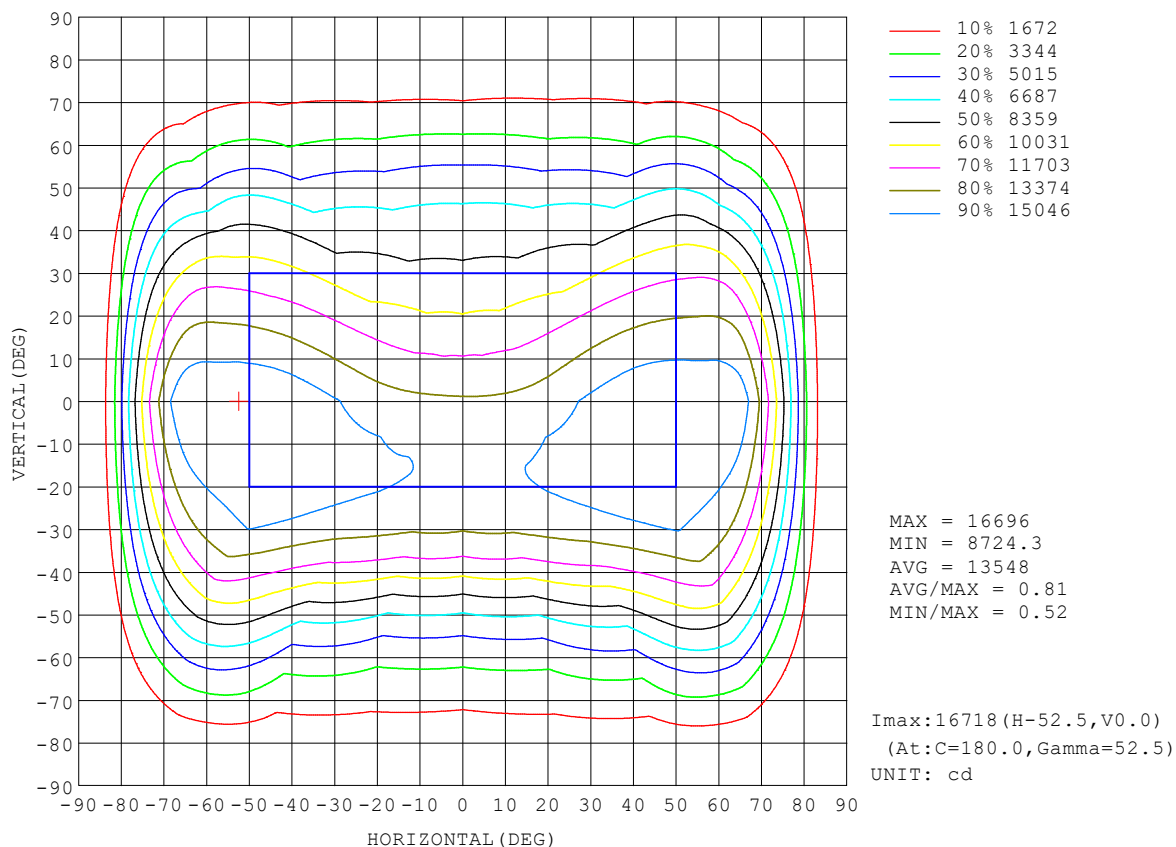
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1367	1450	1475	1458	1369	1238	1179	1242	0- 10	1290	1290	2.72,2.72
20	1426	1501	1482	1511	1416	1125	1009	1144	10- 20	3789	5079	10.7,10.7
30	1538	1497	1344	1498	1519	1019	871.8	1050	20- 30	6071	11150	23.5,23.5
40	1640	1384	1037	1371	1626	895.1	752.5	929.7	30- 40	7869	19020	40.1,40.1
50	1662	1115	653.3	1088	1669	744.6	607.2	771.6	40- 50	8727	27747	58.4,58.4
60	1647	731.0	378.4	694.3	1661	525.7	392.7	543.7	50- 60	8372	36119	76.1,76.1
70	1302	381.5	201.1	355.7	1417	272.8	172.3	282.1	60- 70	6839	42958	90.5,90.5
80	385.0	128.1	86.00	117.7	488.0	82.23	73.50	81.70	70- 80	3719	46677	98.3,98.3
90	2.497	0.8502	0.5646	0.7986	0.8052	0.2858	0.1955	0.3229	80- 90	665.1	47342	99.7,99.7
100	2.930	1.102	0.7954	1.122	0.4141	0.1819	0.1725	0.1645	90-100	7.967	47350	99.7,99.7
110	3.461	1.747	1.291	1.696	0.8071	0.3241	0.3371	0.4128	100-110	10.82	47361	99.8,99.8
120	3.699	2.148	1.767	2.188	2.116	1.116	0.8720	1.031	110-120	15.08	47376	99.8,99.8
130	3.936	2.932	2.171	2.724	2.990	2.058	1.602	2.222	120-130	19.93	47396	99.8,99.8
140	4.465	3.715	2.814	3.195	3.495	2.784	2.399	3.051	130-140	22.17	47418	99.9,99.9
150	4.747	4.372	3.476	3.534	3.481	3.129	3.199	3.256	140-150	21.26	47440	99.9,99.9
160	5.516	5.152	4.162	4.085	4.491	4.062	4.051	3.674	150-160	17.94	47458	100,100
170	6.636	6.101	5.050	4.951	6.752	6.086	5.146	5.170	160-170	14.20	47472	100,100
180	6.524	5.906	4.884	5.126	6.645	6.004	4.940	5.207	170-180	5.525	47477	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 27.1℃
Operators:DAMIN
Test Date:2024-03-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

ISOCANDELA DIAGRAM

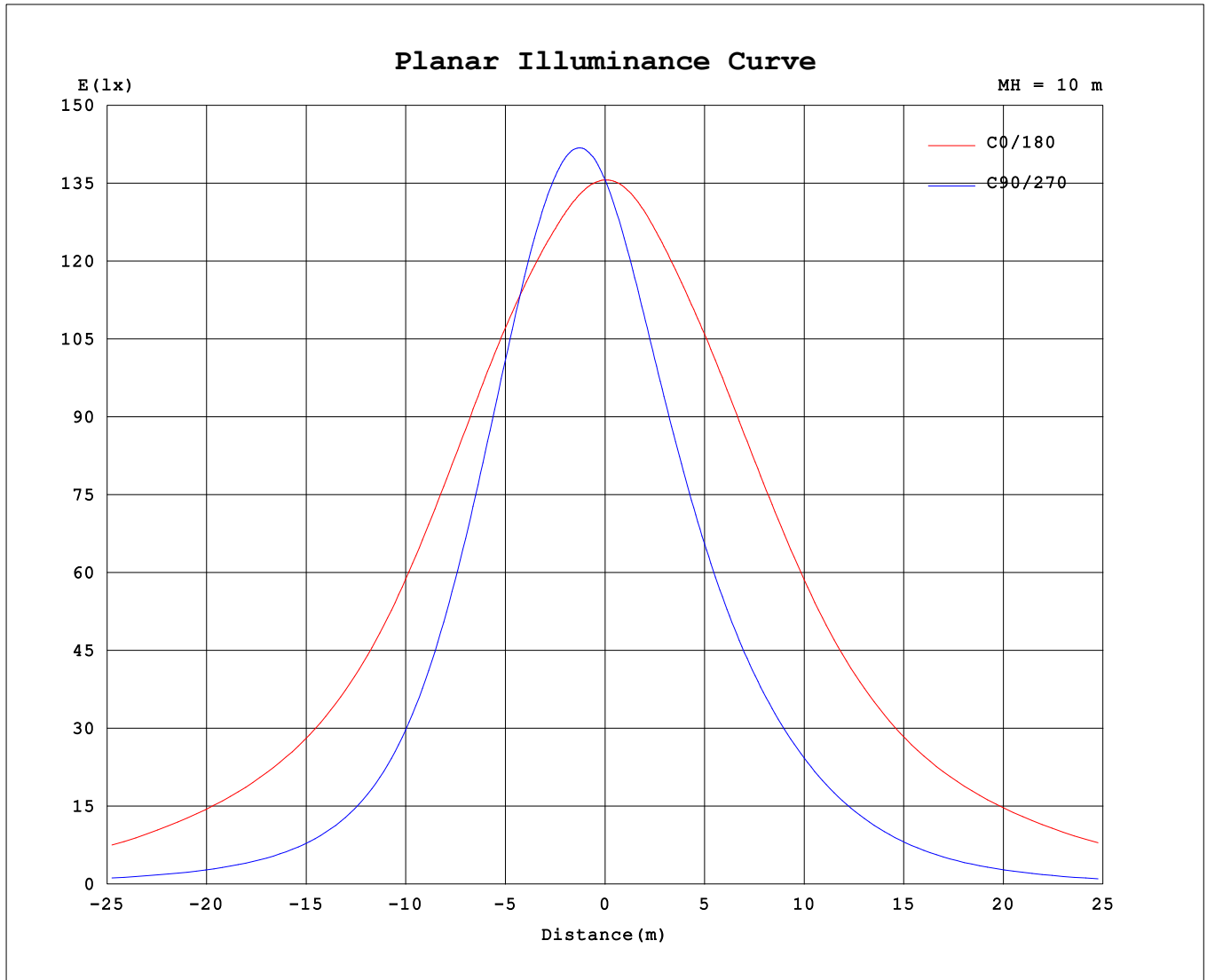
Test:U:118.46V I:2.7693A P:327.55W PF:0.9985 Freq:60.01Hz Lamp Flux:47477.2x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 27.1°C
Operators:DAMIN
Test Date:2024-03-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks:

Planar Illuminance Curve



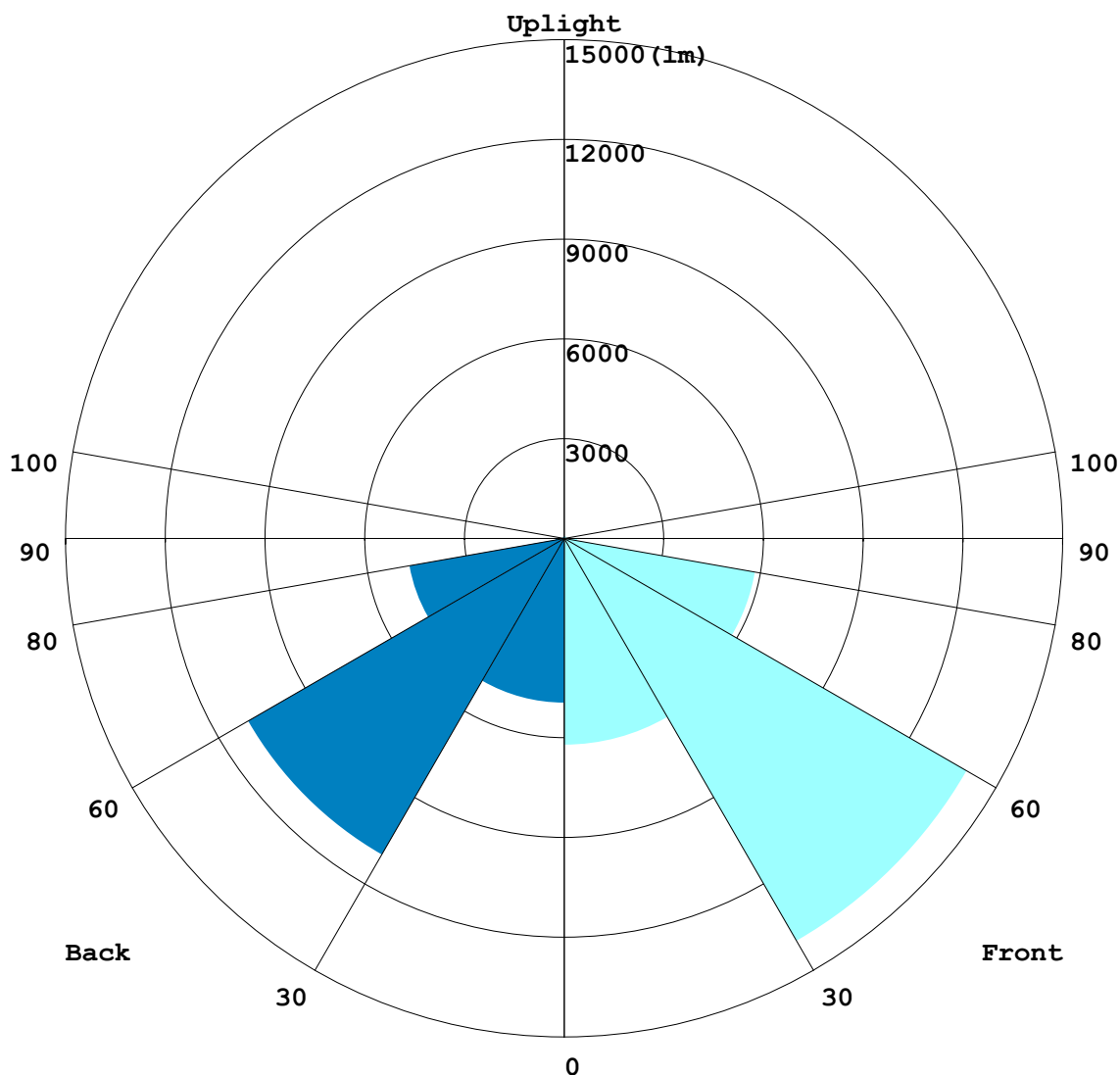
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 27.1°C
 Operators:DAMIN
 Test Date:2024-03-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 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:118.46V I:2.7693A P:327.55W PF:0.9985 Freq:60.01Hz Lamp Flux:47477.2x1 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: MEDIUM
Temperature: 27.1℃
Operators:DAMIN
Test Date:2024-03-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:118.46V I:2.7693A P:327.55W PF:0.9985 Freq:60.01Hz Lamp Flux:47477.2x1 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)	6206.8	13.1
FM - Front-Medium(30-60)	13985	29.5
FH - Front-High(60-80)	5834.3	12.3
FVH - Front-Very High(80-90)	399.8	0.8
Total Forward Light	26508	55.8

BL - Back-Low(0-30)	4943.2	10.4
BM - Back-Medium(30-60)	10984	23.1
BH - Back-High(60-80)	4724.1	10.0
BVH - Back-Very High(80-90)	265.28	0.6
Total Back Light	20969	44.2

UL - Uplight-Low(90-100)	7.967	0.0
UH - Uplight-High(100-180)	126.92	0.3
Total Up Light	134.89	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	20917	51.957	20969
Street Side	26426	82.933	26508

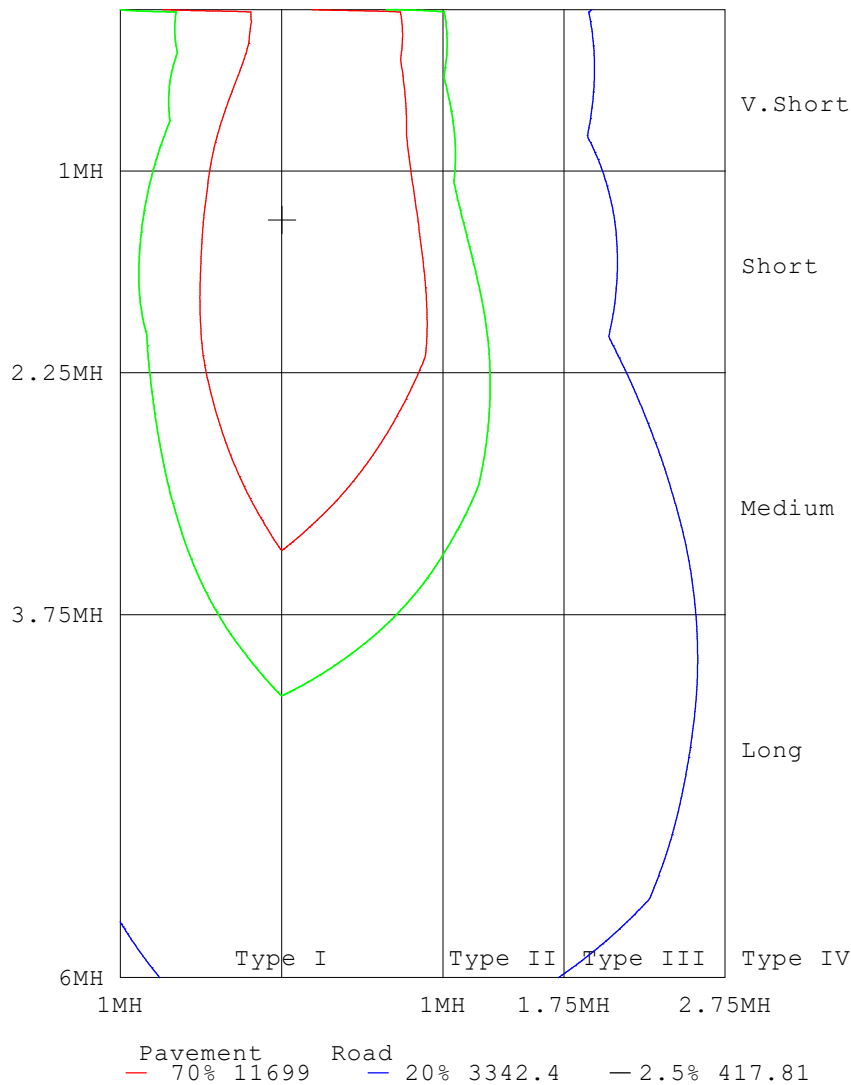
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 27.1℃
Operators:DAMIN
Test Date:2024-03-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
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:118.46V I:2.7693A P:327.55W PF:0.9985 Freq:60.01Hz Lamp Flux:47477.2x1 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: MEDIUM
 Temperature: 27.1°C
 Operators:DAMIN
 Test Date:2024-03-19

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 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:118.46V I:2.7693A P:327.55W PF:0.9985 Freq:60.01Hz Lamp Flux:47477.2x1 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	1356	1356	1356	1356	1356	1356	1356	1356	1356	1356	1356	1356	1356	1356	1356	1356			
5	1357	1386	1408	1422	1427	1425	1412	1389	1360	1328	1298	1277	1270	1278	1298	1326			
10	1367	1417	1450	1469	1475	1474	1458	1425	1369	1302	1238	1193	1179	1197	1242	1305			
15	1388	1453	1480	1492	1494	1498	1491	1460	1386	1281	1179	1111	1091	1118	1190	1293			
20	1426	1494	1501	1490	1482	1495	1511	1498	1416	1271	1125	1035	1009	1043	1144	1294			
25	1479	1542	1509	1458	1433	1462	1515	1542	1463	1269	1073	964	937	974	1100	1304			
30	1538	1590	1497	1391	1344	1392	1498	1587	1519	1268	1019	898	872	908	1050	1313			
35	1593	1625	1458	1283	1211	1279	1453	1622	1575	1263	958	835	812	845	993	1313			
40	1640	1646	1384	1132	1037	1123	1371	1641	1626	1248	895	771	752	781	930	1302			
45	1662	1644	1269	949	841	933	1249	1640	1659	1219	825	701	687	710	857	1274			
50	1662	1608	1115	753	653	736	1088	1606	1669	1172	745	619	607	626	772	1229			
55	1649	1541	929	577	497	560	895	1535	1666	1105	646	521	508	525	668	1165			
60	1647	1437	731	435	378	422	694	1416	1661	1006	526	409	393	410	544	1073			
65	1593	1283	545	325	285	315	511	1250	1626	851	395	297	278	299	410	913			
70	1302	1033	382	236	201	229	356	993	1417	606	273	196	172	203	282	654			
75	866	710	245	159	135	151	226	687	1023	363	168	119	117	125	173	376			
80	385	374	128	92.6	86.0	88.7	118	364	488	163	82.2	68.7	73.5	70.4	81.7	167			
85	72.3	105	41.1	38.1	39.4	37.6	37.6	97.4	93.7	33.2	21.6	24.8	29.3	24.7	21.6	38.9			
90	2.50	1.71	0.85	0.61	0.56	0.61	0.80	1.67	0.81	0.46	0.29	0.23	0.20	0.24	0.32	0.53			
95	2.61	1.62	0.86	0.64	0.60	0.64	0.87	1.72	0.40	0.27	0.18	0.15	0.15	0.15	0.16	0.28			
100	2.93	1.94	1.10	0.83	0.80	0.84	1.12	2.00	0.41	0.28	0.18	0.16	0.17	0.17	0.16	0.27			
105	3.22	2.36	1.44	1.05	1.04	1.08	1.42	2.30	0.58	0.34	0.22	0.21	0.24	0.24	0.26	0.34			
110	3.46	2.72	1.75	1.32	1.29	1.33	1.70	2.54	0.81	0.48	0.32	0.32	0.34	0.37	0.41	0.50			
115	3.64	3.02	1.91	1.64	1.55	1.59	1.95	2.73	1.30	0.94	0.60	0.56	0.54	0.62	0.55	0.93			
120	3.70	3.23	2.15	1.95	1.77	1.84	2.19	2.85	2.12	1.68	1.12	0.91	0.87	1.06	1.03	1.67			
125	3.78	3.39	2.55	2.27	1.95	2.14	2.45	2.95	2.61	2.22	1.61	1.26	1.22	1.44	1.69	2.17			
130	3.94	3.53	2.93	2.59	2.17	2.40	2.72	3.09	2.99	2.70	2.06	1.63	1.60	1.85	2.22	2.51			
135	4.21	3.63	3.34	2.91	2.48	2.69	2.97	3.19	3.27	3.09	2.41	2.01	1.99	2.26	2.69	2.73			
140	4.47	3.82	3.72	3.26	2.81	2.98	3.19	3.42	3.49	3.35	2.78	2.43	2.40	2.68	3.05	2.93			
145	4.55	4.14	4.04	3.60	3.13	3.25	3.36	3.57	3.60	3.44	2.95	2.75	2.82	3.01	3.24	2.96			
150	4.75	4.60	4.37	3.97	3.48	3.52	3.53	3.71	3.48	3.31	3.13	3.09	3.20	3.24	3.26	2.86			
155	5.07	5.15	4.74	4.36	3.83	3.82	3.77	3.91	3.68	3.55	3.44	3.52	3.53	3.38	3.30	2.90			
160	5.52	5.63	5.15	4.77	4.16	4.11	4.09	4.19	4.49	4.21	4.06	4.08	4.05	3.68	3.67	3.47			
165	6.09	6.17	5.70	5.24	4.63	4.48	4.52	4.65	5.92	5.70	5.38	5.22	4.87	4.48	4.59	4.70			
170	6.64	6.63	6.10	5.68	5.05	4.85	4.95	5.19	6.75	6.67	6.09	5.62	5.15	4.89	5.17	5.30			
175	6.71	6.84	6.27	5.83	5.30	5.12	5.29	5.55	6.76	6.88	6.21	5.75	5.24	5.09	5.38	5.53			
180	6.52	6.61	5.91	5.38	4.88	4.77	5.13	5.53	6.64	6.74	6.00	5.46	4.94	4.83	5.21	5.64			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 27.1℃
Operators:DAMIN
Test Date:2024-03-19

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-R5000_V2 SYSTEM V2.00.471
Humidity: 100.0%
Test Distance:26.000m [K=0.4205]
Remarks: