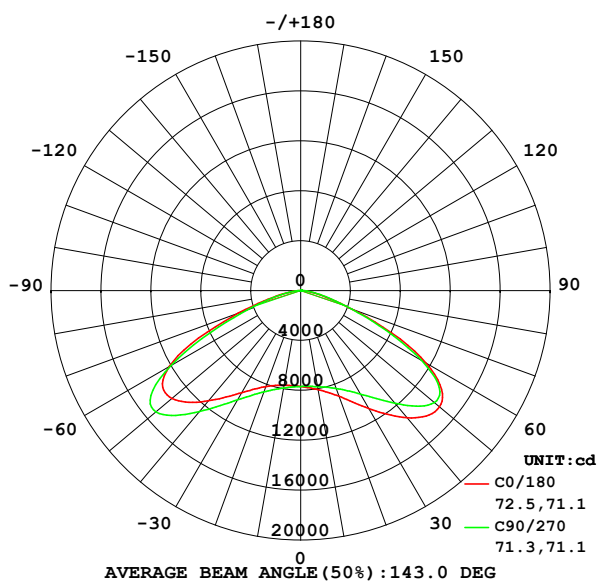
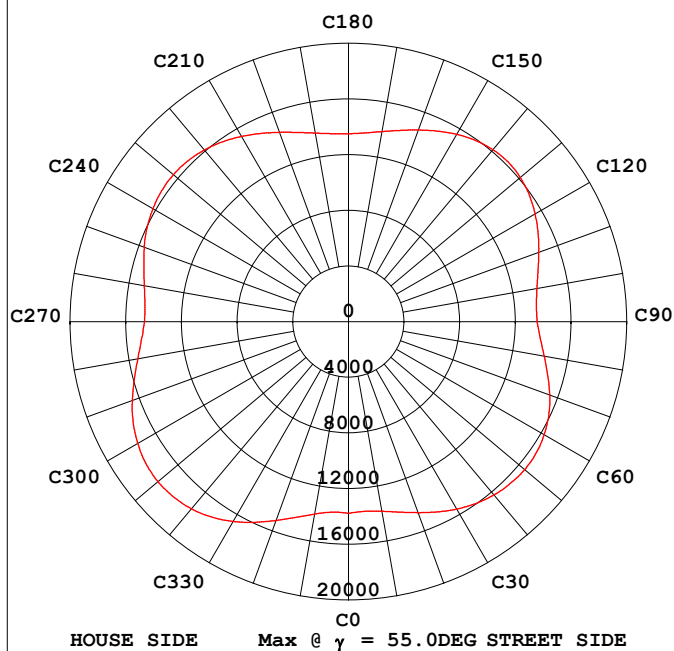


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:118.31V I:3.1525A P:372.51W PF:0.9988 Freq:60.01Hz Lamp Flux:54374.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145.97 lm/W			
MODEL		I _{max} (cd)	17798	η street_up (%)	0.2
NOMINAL POWER (W)	400	LOR (%)	100.0	η street_down (%)	49.1
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	54375	η house_up (%)	0.1
NOMINAL FLUX (lm)	54374.8	MAXIMUM @ (C, γ)	315,55.0	η house_down (%)	50.6
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	99.7	SLI	23.499

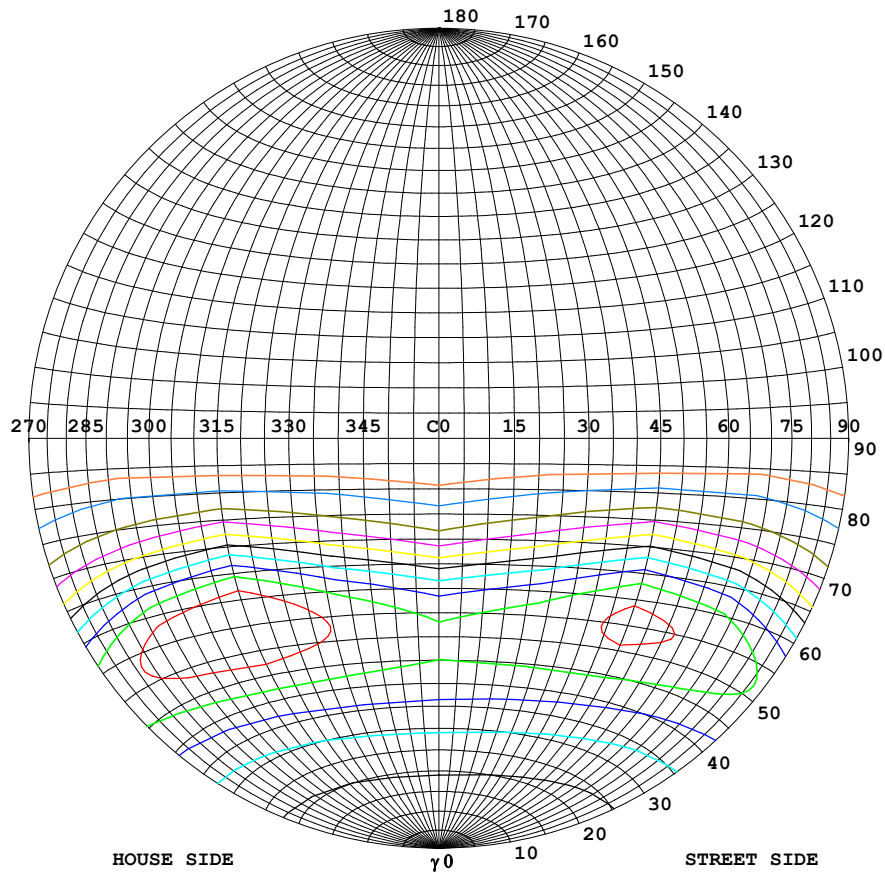
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.0 °C
Operators:DAMIN
Test Date:2024-03-23

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:118.31V I:3.1525A P:372.51W PF:0.9988 Freq:60.01Hz Lamp Flux:54374.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



Classification:

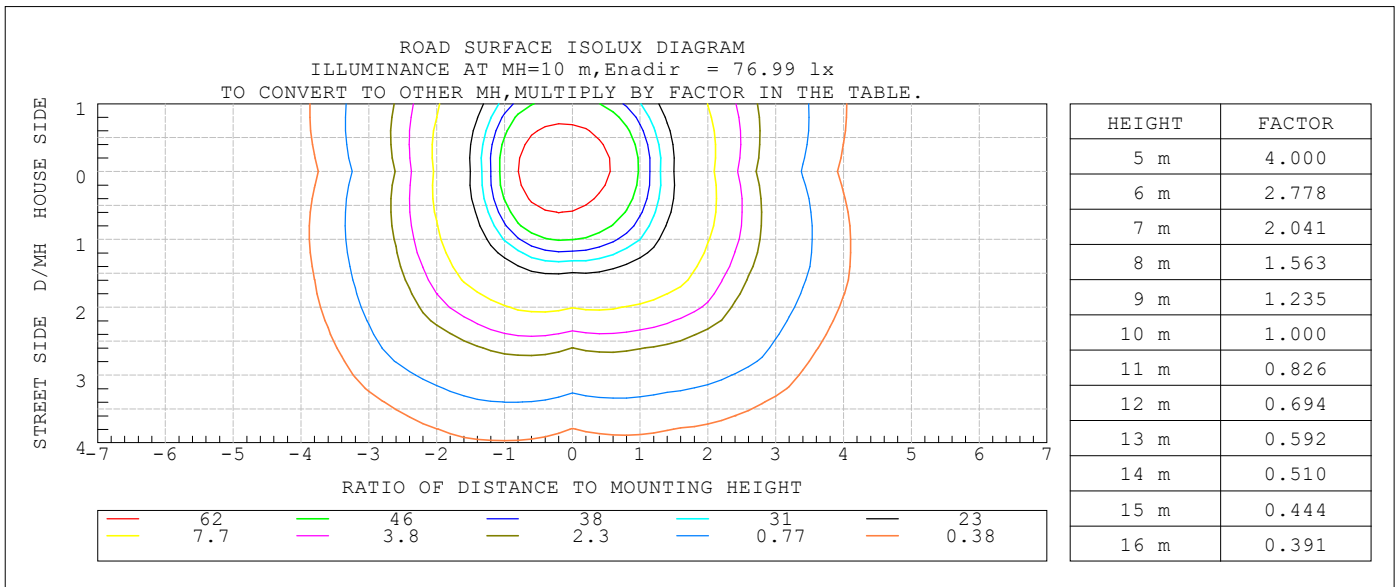
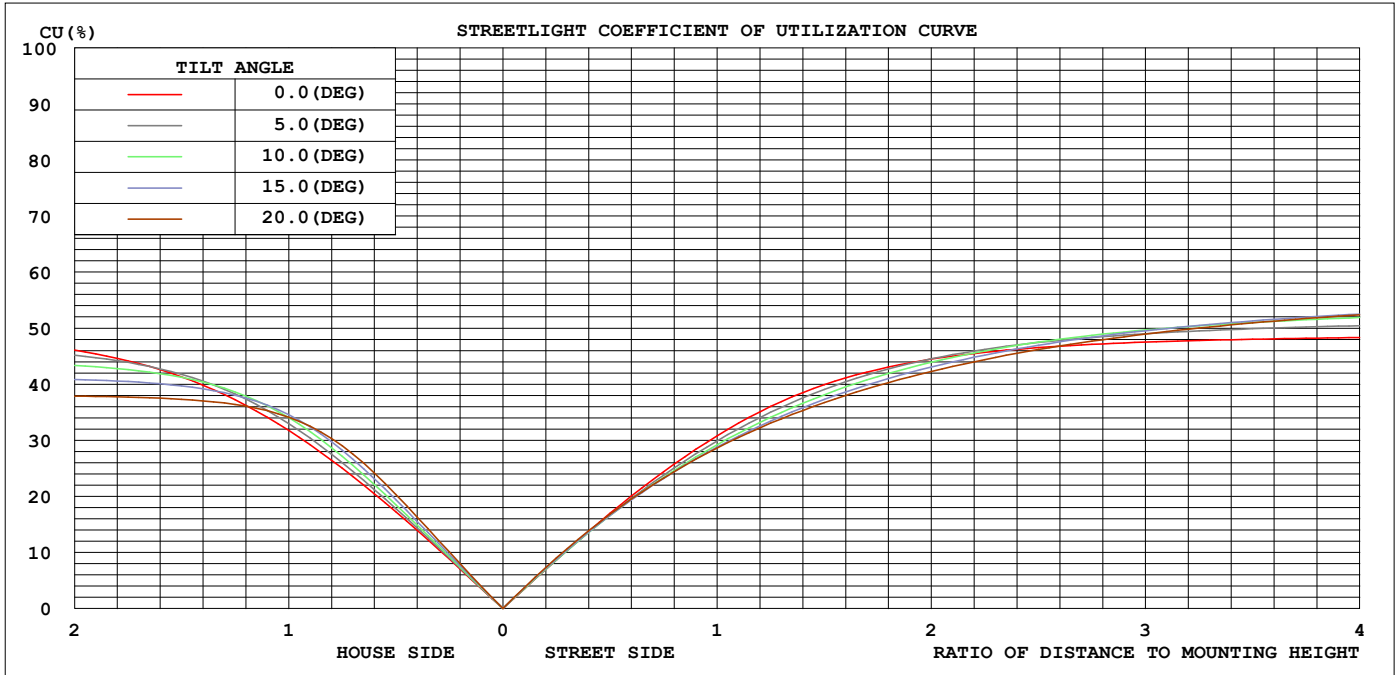
IES:Type VS - Short
CIE:Average - Short
IES:Cut-off
CIE:Semi-cut-off
Max.At80:44.69cd/klm
Max.At90:0.3926cd/klm
Max.80-90:44.69cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		17798
90%		16018
80%		14238
70%		12459
60%		10679
50%		8899
40%		7119
30%		5339
20%		3560
10%		1780
5%		890

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.0℃
Operators:DAMIN
Test Date:2024-03-23

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℃
Operators:DAMIN
Test Date:2024-03-23

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:118.31V I:3.1525A P:372.51W PF:0.9988 Freq:60.01Hz Lamp Flux:54374.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

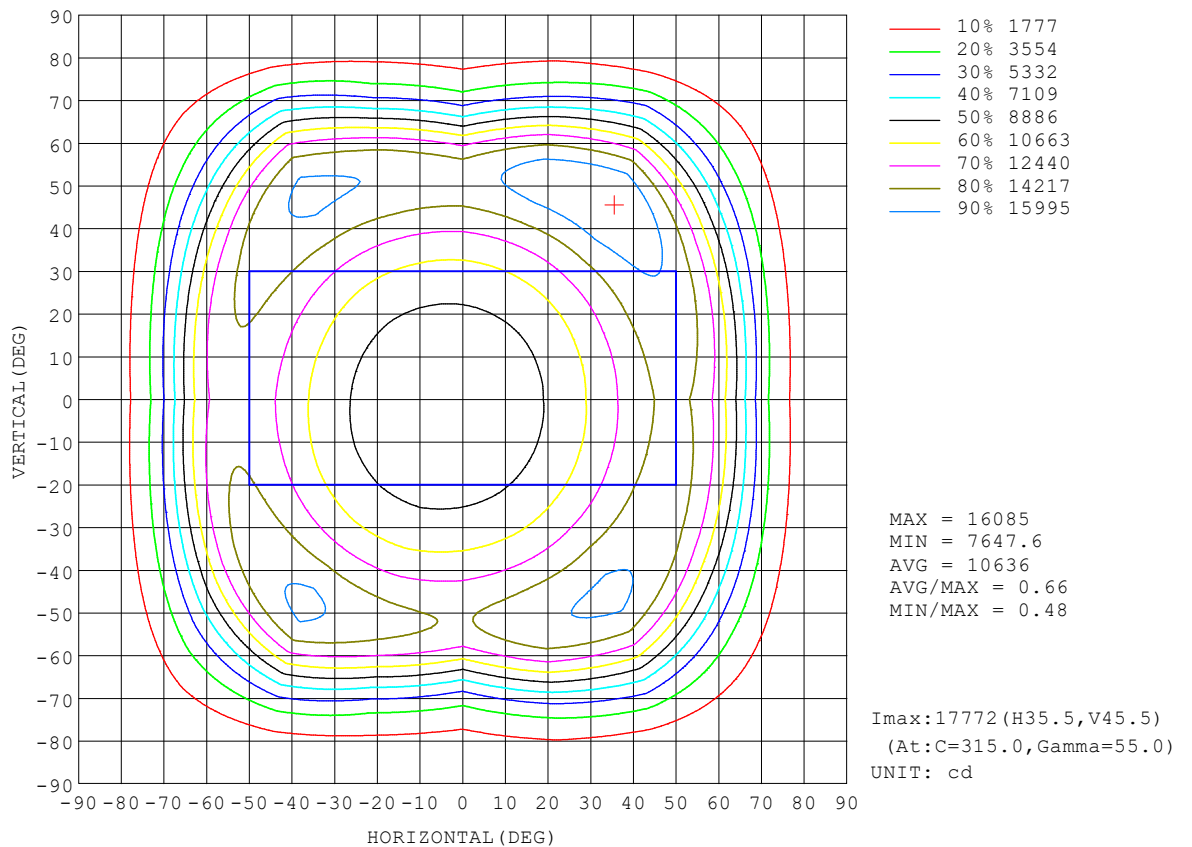
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	806.4	796.2	782.2	772.3	771.6	780.1	793.8	804.2	0- 10	743.4	743.4	1.37,1.37
20	902.6	872.7	835.6	814.4	819.8	836.6	864.6	890.1	10- 20	2324	3068	5.64,5.64
30	1091	1032	958.0	921.2	945.2	970.9	1011	1065	20- 30	4275	7342	13.5,13.5
40	1330	1289	1179	1135	1154	1210	1267	1353	30- 40	7019	14362	26.4,26.4
50	1453	1578	1397	1475	1346	1520	1514	1694	40- 50	10702	25064	46.1,46.1
60	1160	1566	1117	1630	1214	1624	1201	1689	50- 60	13505	38569	70.9,70.9
70	443.2	901.4	438.0	998.1	532.1	1036	460.2	926.1	60- 70	10704	49273	90.6,90.6
80	100.4	212.6	120.0	227.1	121.2	243.0	119.6	191.8	70- 80	4270	53543	98.5,98.5
90	1.291	2.135	1.352	1.980	0.4510	0.6923	0.4000	0.6259	80- 90	684.4	54227	99.7,99.7
100	2.058	2.716	2.159	2.782	0.2314	0.2968	0.2789	0.2642	90-100	12.35	54240	99.8,99.8
110	2.781	3.180	2.721	3.438	0.5751	0.6043	0.7753	0.6092	100-110	16.83	54257	99.8,99.8
120	3.095	3.087	2.933	3.613	1.814	2.035	2.235	1.772	110-120	21.87	54278	99.8,99.8
130	3.189	3.216	3.609	3.657	2.758	3.062	3.093	2.687	120-130	26.30	54305	99.9,99.9
140	3.267	3.274	3.689	3.532	3.067	3.027	2.987	2.687	130-140	24.59	54329	99.9,99.9
150	3.190	3.273	3.540	3.284	2.715	2.615	2.578	2.335	140-150	18.92	54348	100,100
160	3.481	3.422	3.388	3.278	3.118	2.799	2.708	2.492	150-160	13.49	54362	100,100
170	3.962	3.661	3.388	3.389	4.436	3.813	3.466	3.518	160-170	9.533	54371	100,100
180	4.032	3.654	3.175	3.395	4.126	3.719	3.223	3.446	170-180	3.548	54375	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:2024-03-23

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

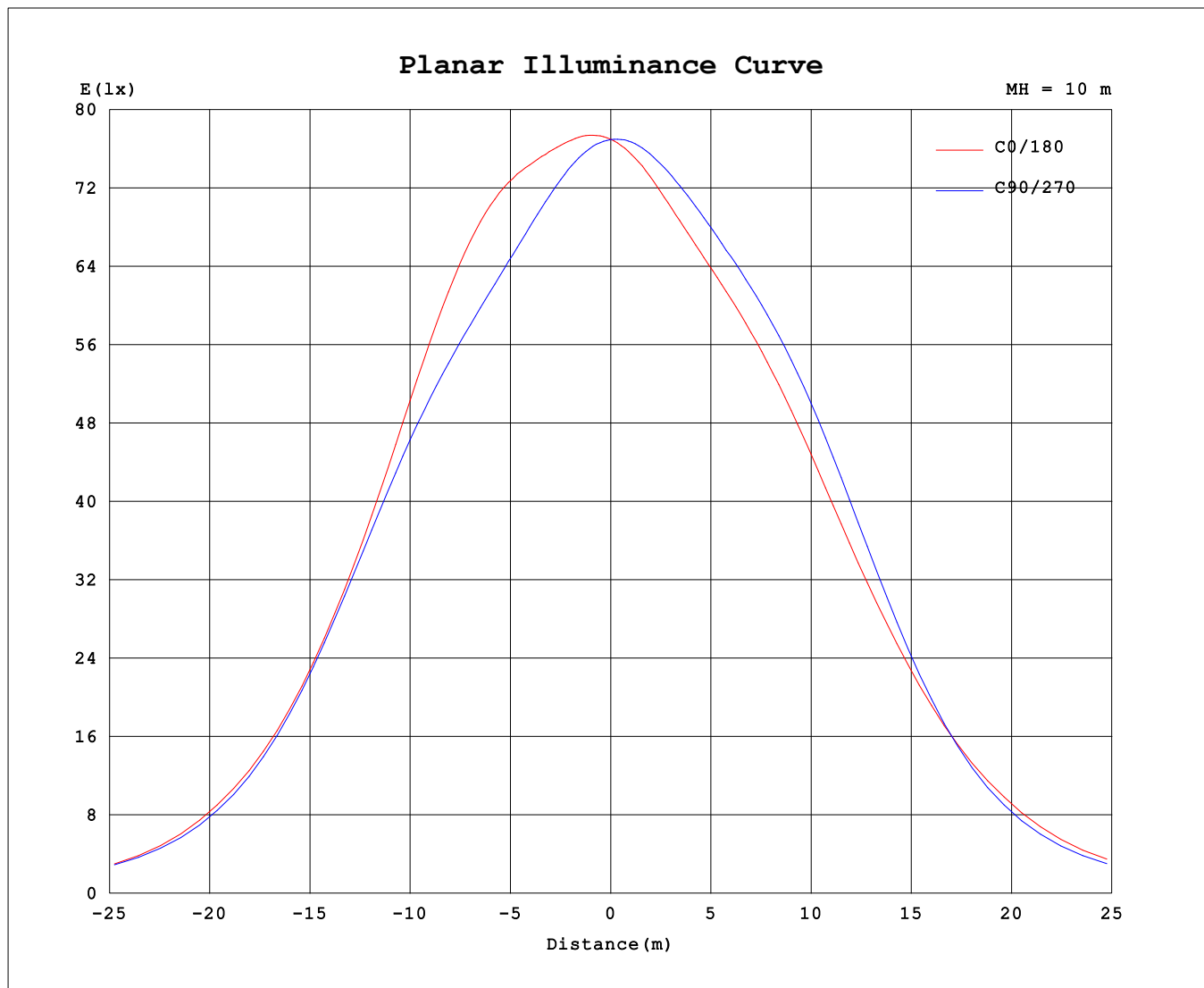
Test:U:118.31V I:3.1525A P:372.51W PF:0.9988 Freq:60.01Hz Lamp Flux:54374.8x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.0°C
Operators:DAMIN
Test Date:2024-03-23

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



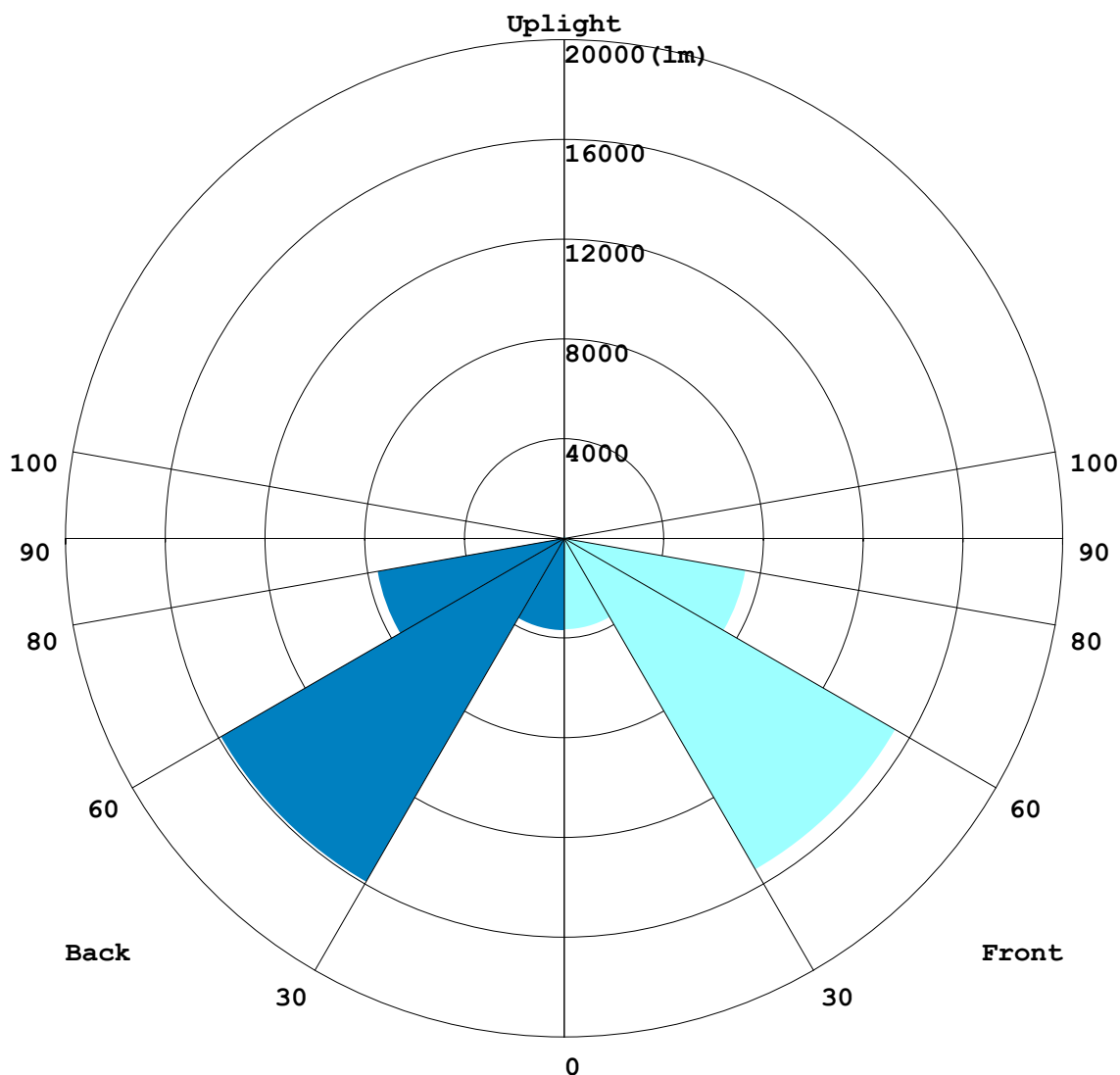
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 24.0 °C
 Operators: DAMIN
 Test Date: 2024-03-23

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:118.31V I:3.1525A P:372.51W PF:0.9988 Freq:60.01Hz Lamp Flux:54374.8x1 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:2024-03-23

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:118.31V I:3.1525A P:372.51W PF:0.9988 Freq:60.01Hz Lamp Flux:54374.8x1 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)	3651	6.7
FM - Front-Medium(30-60)	15333	28.2
FH - Front-High(60-80)	7381.3	13.6
FVH - Front-Very High(80-90)	354.78	0.7
Total Forward Light	26815	49.3

BL - Back-Low(0-30)	3691.3	6.8
BM - Back-Medium(30-60)	15893	29.2
BH - Back-High(60-80)	7592.7	14.0
BVH - Back-Very High(80-90)	329.6	0.6
Total Back Light	27560	50.7

UL - Uplight-Low(90-100)	12.348	0.0
UH - Uplight-High(100-180)	135.07	0.2
Total Up Light	147.42	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	27507	53.158	27560
Street Side	26720	94.264	26815

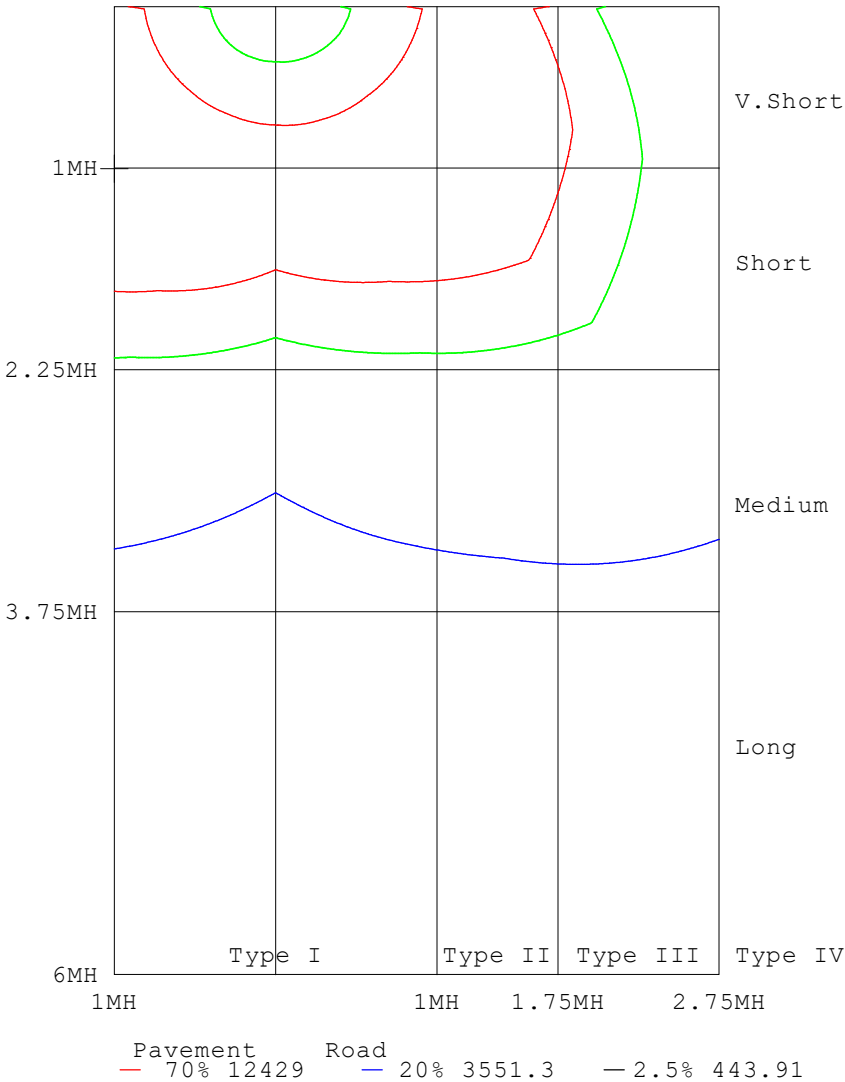
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.0℃
Operators:DAMIN
Test Date:2024-03-23

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:118.31V I:3.1525A P:372.51W PF:0.9988 Freq:60.01Hz Lamp Flux:54374.8x1 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℃
Operators:DAMIN
Test Date:2024-03-23

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:118.31V I:3.1525A P:372.51W PF:0.9988 Freq:60.01Hz Lamp Flux:54374.8x1 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	769	769	769	769	769	769	769	769	769	769	769	769	769	769	769	769			
5	782	781	778	774	772	768	766	765	766	768	770	774	777	780	782	783			
10	806	802	796	789	782	775	772	770	772	776	780	787	794	800	804	807			
15	845	838	826	813	803	792	788	785	788	795	801	812	822	831	839	844			
20	903	891	873	852	836	821	814	813	820	828	837	851	865	878	890	900			
25	986	968	940	909	886	864	857	859	871	882	892	909	926	946	963	981			
30	1091	1069	1032	990	958	929	921	927	945	960	971	992	1011	1038	1065	1087			
35	1211	1188	1151	1098	1056	1020	1012	1020	1042	1063	1077	1102	1125	1161	1196	1215			
40	1330	1317	1289	1232	1179	1142	1135	1139	1154	1185	1210	1242	1267	1316	1353	1353			
45	1422	1434	1440	1383	1310	1288	1293	1277	1267	1315	1363	1400	1415	1490	1528	1482			
50	1453	1506	1578	1516	1397	1426	1475	1410	1346	1424	1520	1537	1514	1642	1694	1567			
55	1379	1484	1645	1566	1356	1480	1623	1489	1350	1470	1634	1582	1466	1682	1780	1555			
60	1160	1325	1566	1440	1117	1350	1630	1442	1214	1391	1624	1444	1201	1520	1689	1385			
65	808	1014	1298	1119	758	1023	1413	1194	903	1128	1422	1094	801	1145	1379	1044			
70	443	648	901	721	438	637	998	814	532	759	1036	679	460	704	926	653			
75	220	349	514	393	234	338	561	470	271	431	603	361	242	372	506	346			
80	100	160	213	194	120	165	227	215	121	199	243	174	120	179	192	157			
85	30.2	52.7	56.9	70.9	46.4	62.5	60.6	61.7	31.1	51.5	63.5	52.9	39.9	54.8	53.2	45.4			
90	1.29	1.73	2.13	1.78	1.35	1.65	1.98	1.56	0.45	0.59	0.69	0.51	0.40	0.56	0.63	0.53			
95	1.57	1.93	2.33	1.94	1.57	1.98	2.28	1.80	0.22	0.29	0.33	0.27	0.24	0.27	0.29	0.25			
100	2.06	2.38	2.72	2.40	2.16	2.54	2.78	2.27	0.23	0.26	0.30	0.26	0.28	0.27	0.26	0.23			
105	2.48	2.72	3.02	2.80	2.66	2.92	3.20	2.66	0.35	0.39	0.39	0.38	0.45	0.42	0.38	0.34			
110	2.78	2.93	3.18	3.18	2.72	3.24	3.44	2.89	0.58	0.61	0.60	0.67	0.78	0.73	0.61	0.53			
115	2.98	3.09	3.17	3.50	2.76	3.44	3.57	2.99	1.04	1.12	1.15	1.35	1.42	1.41	1.03	0.99			
120	3.10	3.16	3.09	3.69	2.93	3.65	3.61	3.00	1.81	1.89	2.04	2.20	2.24	2.26	1.77	1.70			
125	3.17	3.19	3.18	3.75	3.44	3.78	3.66	2.98	2.35	2.45	2.69	2.75	2.79	2.67	2.38	2.17			
130	3.19	3.14	3.22	3.73	3.61	3.79	3.66	2.96	2.76	2.91	3.06	3.04	3.09	2.91	2.69	2.40			
135	3.25	3.01	3.27	3.68	3.71	3.86	3.63	3.00	3.04	3.19	3.14	3.09	3.14	2.91	2.77	2.43			
140	3.27	2.95	3.27	3.62	3.69	3.79	3.53	3.03	3.07	3.17	3.03	2.97	2.99	2.77	2.69	2.31			
145	3.20	2.95	3.27	3.55	3.60	3.65	3.39	2.97	2.95	2.94	2.77	2.79	2.77	2.55	2.54	2.15			
150	3.19	3.09	3.27	3.51	3.54	3.51	3.28	2.91	2.72	2.72	2.62	2.66	2.58	2.35	2.34	2.00			
155	3.29	3.34	3.33	3.51	3.49	3.45	3.26	2.93	2.76	2.64	2.56	2.60	2.51	2.33	2.28	1.99			
160	3.48	3.59	3.42	3.50	3.39	3.38	3.28	3.03	3.12	2.90	2.80	2.81	2.71	2.51	2.49	2.27			
165	3.68	3.77	3.54	3.51	3.34	3.26	3.27	3.14	3.98	3.73	3.54	3.46	3.30	3.17	3.22	3.03			
170	3.96	3.98	3.66	3.57	3.39	3.30	3.39	3.38	4.44	4.22	3.81	3.65	3.47	3.39	3.52	3.43			
175	4.01	4.18	3.78	3.62	3.42	3.34	3.51	3.53	4.39	4.45	3.94	3.71	3.47	3.43	3.67	3.64			
180	4.03	4.13	3.65	3.40	3.18	3.11	3.39	3.57	4.13	4.21	3.72	3.45	3.22	3.16	3.45	3.64			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 24.0℃
Operators:DAMIN
Test Date:2024-03-23

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: