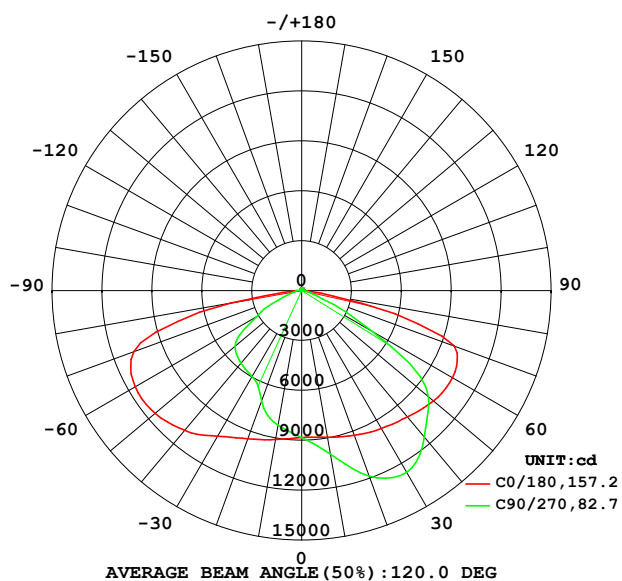
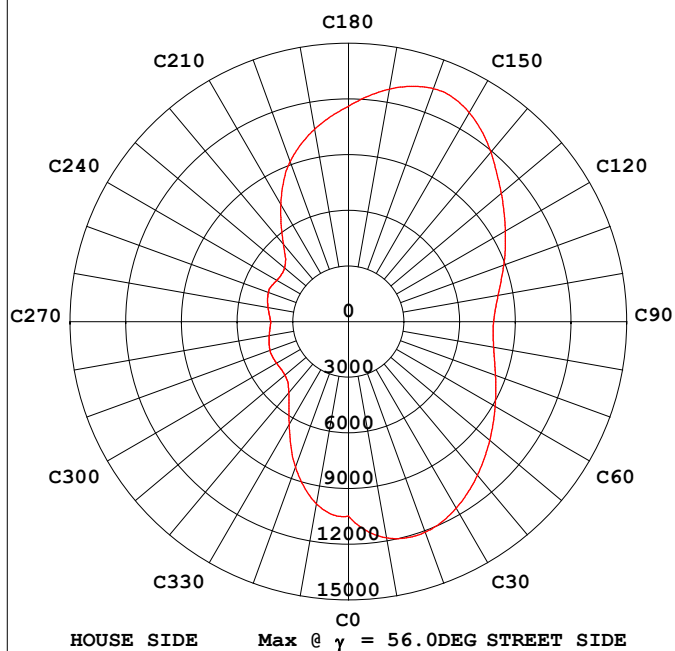


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:120.83V I:2.5038A P:301.80W PF:0.9975 Freq:60.01Hz		
UTHDi:0.89% ITHDi:4.94% KDisp:0.0000 Lamp Flux:40919.7x1 lm		
NAME: JEN-AR07-300W-X-XXX(XXX)	TYPE: JEN-AR07-300W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.: 44*32	SERIAL No.:
MFR.: EVERFINE	SUR.: 30*30	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 135.59 lm/W			
MODE: JEN-AR07-300W-X-XXX(XXX)		I _{max} (cd)	13405	η street_up (%)	0.9
NOMINAL POWER (W)	300	LOR (%)	100.0	η street_down (%)	59.1
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	40920	η house_up (%)	1.0
NOMINAL FLUX (lm)	40919.7	MAXIMUM @ (C, γ)	158,56.0	η house_down (%)	39.0
LAMPS INSIDE	1	η up (%)	1.9	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	98.1	SLI	24.316

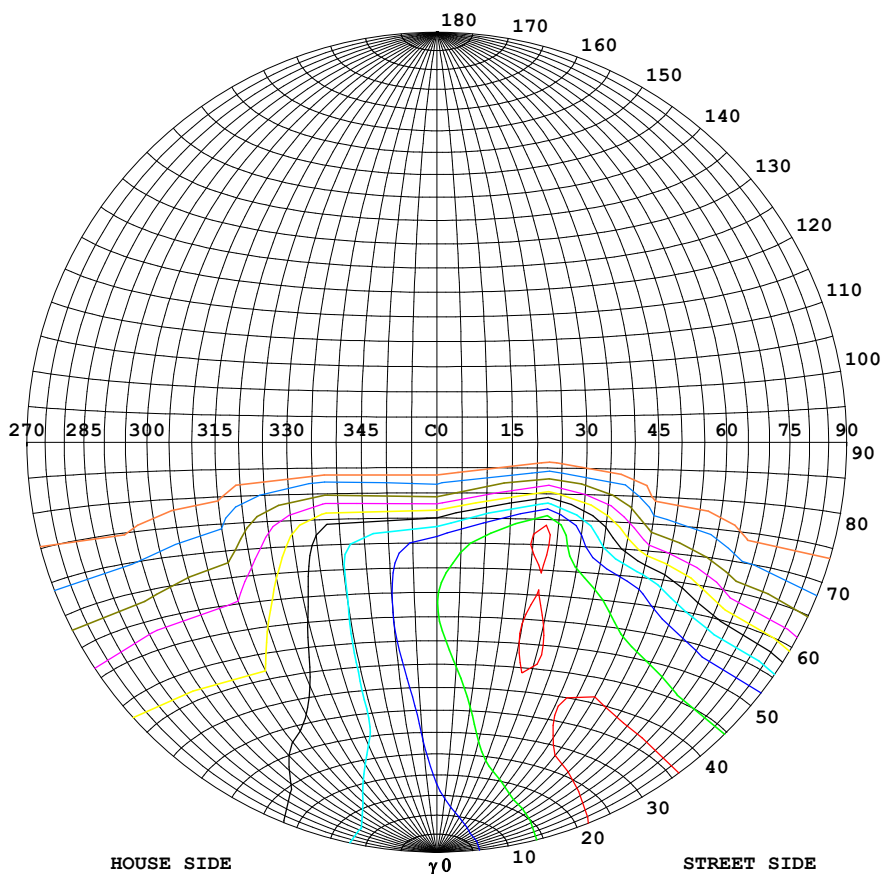
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: HMS
Test Date: 11 May 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 7.980m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:120.83V I:2.5038A P:301.80W PF:0.9975 Freq:60.01Hz		
UTHDi:0.89% ITHDi:4.94% KDisp:0.0000 Lamp Flux:40919.7x1 lm		
NAME: JEN-AR07-300W-X-XXX(XXX)	TYPE: JEN-AR07-300W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.: 44*32	SERIAL No.:
MFR.: EVERFINE	SUR.: 30*30	Shielding Angle:



Classification:

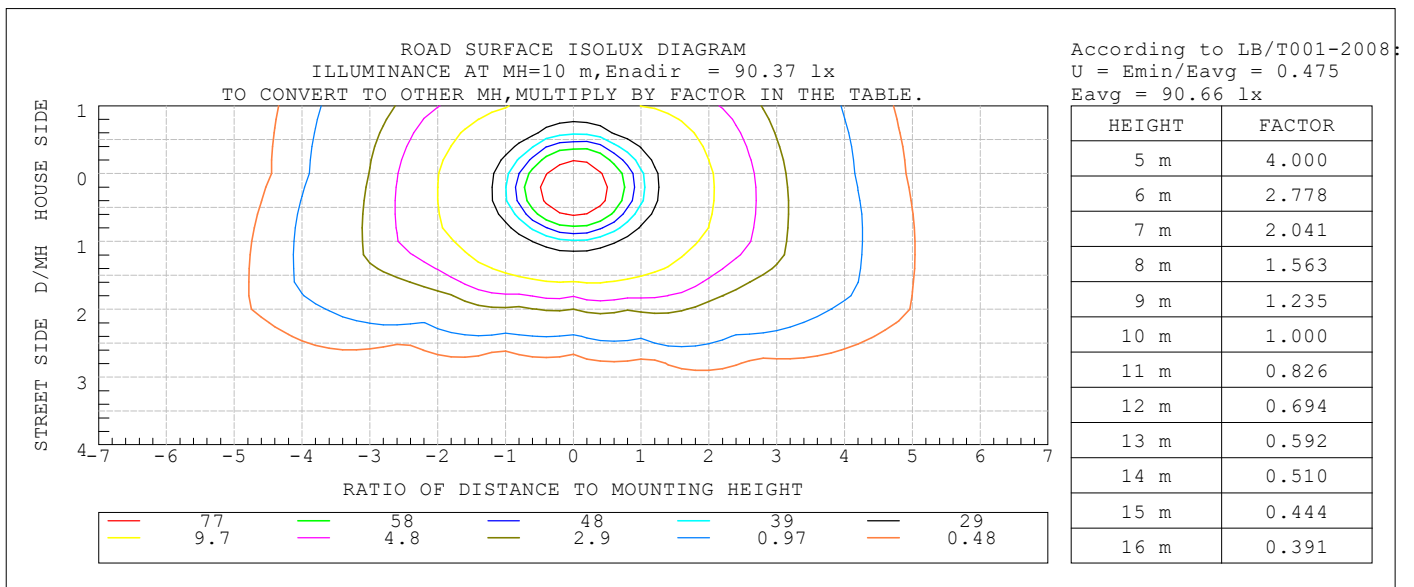
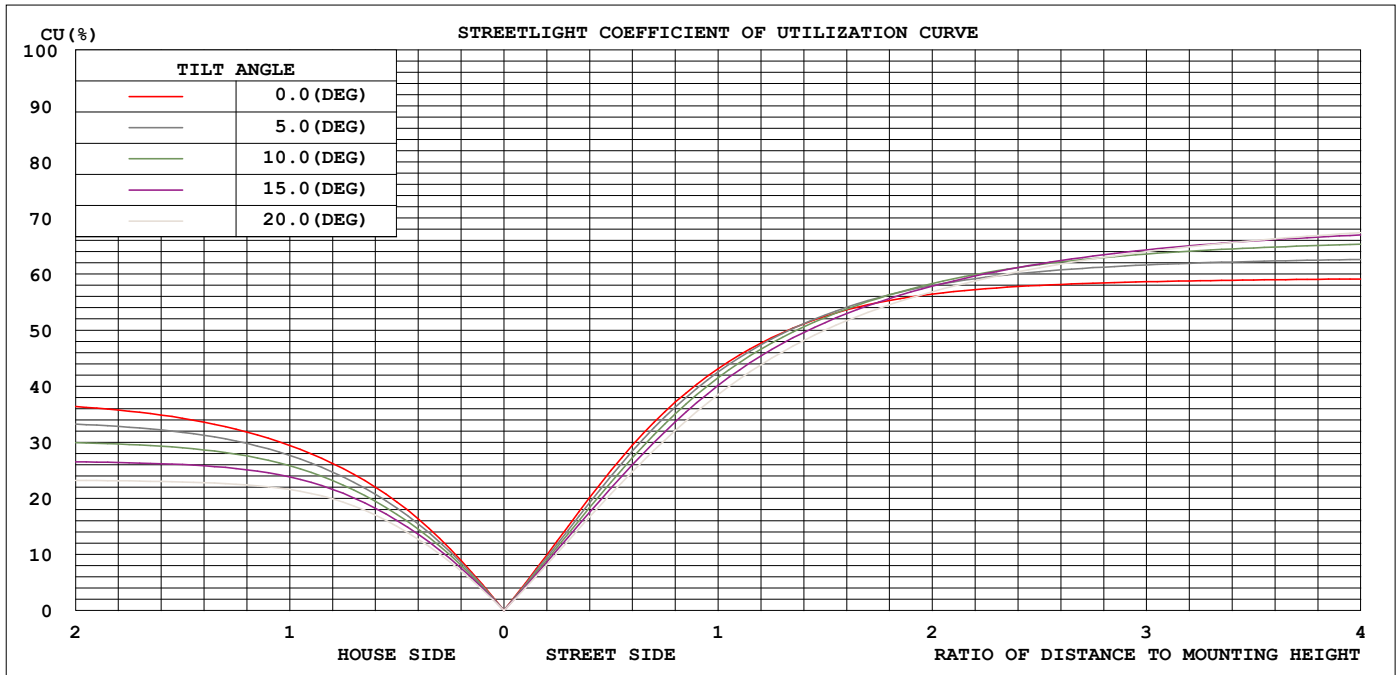
IES:Type III - Short
CIE:Average - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:182.1cd/klm
Max.At90:4.100cd/klm
Max.80-90:182.1cd/klm
NRB 5101:Semi limited[22.9%]

ISOCANDELA DIAGRAM		
UNIT		cd
I _{max} =100%		13405
90%		12065
80%		10724
70%		9384
60%		8043
50%		6703
40%		5362
30%		4022
20%		2681
10%		1341
5%		670

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HMS
Test Date:11 May 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:7.980m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: HMS
Test Date: 11 May 2023

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 7.980m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:120.83V I:2.5038A P:301.80W PF:0.9975 Freq:60.01Hz		
UTHDi:0.89% ITHDi:4.94% KDisp:0.0000 Lamp Flux:40919.7x1 lm		
NAME: JEN-AR07-300W-X-XXX(XXX)	TYPE: JEN-AR07-300W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.: 44*32	SERIAL No.:
MFR.: EVERFINE	SUR.: 30*30	Shielding Angle:

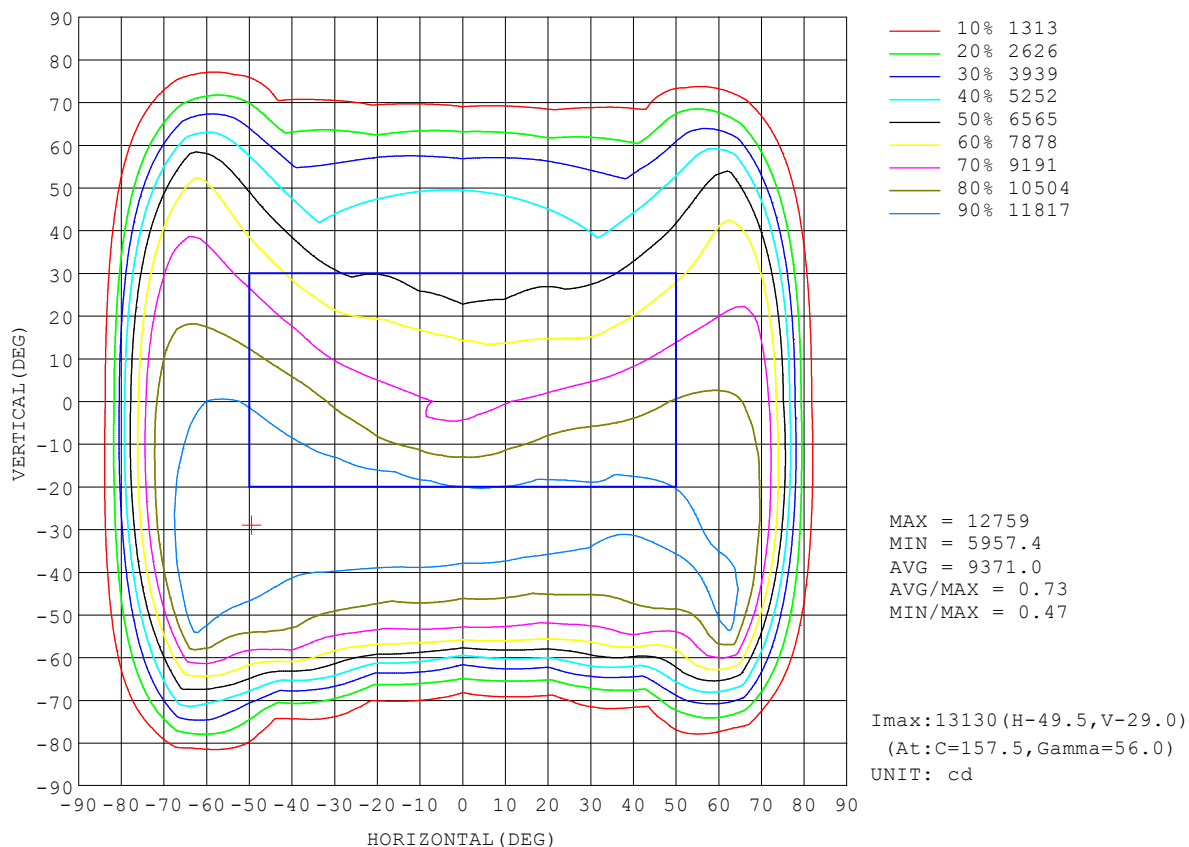
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	895.0	961.8	997.9	976.8	908.8	851.1	821.8	839.3	0- 10	854.5	854.5	2.09,2.09
20	926.0	1112	1186	1154	948.1	814.7	706.3	798.0	10- 20	2648	3503	8.56,8.56
30	957.5	1207	1262	1276	1011	745.1	597.5	724.0	20- 30	4475	7978	19.5,19.5
40	991.0	1204	1149	1283	1097	630.1	568.5	608.0	30- 40	6049	14027	34.3,34.3
50	1033	1103	994.4	1199	1149	534.8	522.7	517.3	40- 50	7158	21185	51.8,51.8
60	1047	993.1	489.2	1087	1157	435.1	309.3	415.3	50- 60	7570	28755	70.3,70.3
70	976.6	465.2	102.8	691.2	1073	261.3	117.4	219.5	60- 70	6527	35282	86.2,86.2
80	193.1	46.74	33.76	99.62	434.3	69.80	45.97	59.83	70- 80	4064	39347	96.2,96.2
90	11.48	8.988	7.900	9.304	14.30	14.13	8.764	11.79	80- 90	791.7	40138	98.1,98.1
100	12.27	9.618	8.360	9.095	12.11	11.36	10.13	12.71	90-100	114.4	40253	98.4,98.4
110	13.04	10.53	9.091	9.677	12.84	12.10	11.53	13.58	100-110	117.6	40370	98.7,98.7
120	13.59	11.47	9.848	10.34	13.33	12.58	12.47	14.17	110-120	117.7	40488	98.9,98.9
130	14.15	12.37	10.58	10.93	13.59	12.66	13.09	14.52	120-130	111.4	40600	99.2,99.2
140	15.19	13.26	11.45	11.81	13.99	13.39	13.47	14.78	130-140	100.6	40700	99.5,99.5
150	16.50	14.37	12.74	13.08	15.25	14.80	14.15	15.61	140-150	87.21	40787	99.7,99.7
160	17.42	15.64	14.32	14.55	16.57	16.24	15.29	16.55	150-160	70.03	40857	99.8,99.8
170	17.81	16.74	15.70	15.91	17.41	17.17	16.38	17.12	160-170	46.08	40904	100,100
180	17.88	17.31	16.54	16.92	17.98	17.38	16.61	16.96	170-180	16.18	40920	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HMS
Test Date:11 May 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:7.980m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

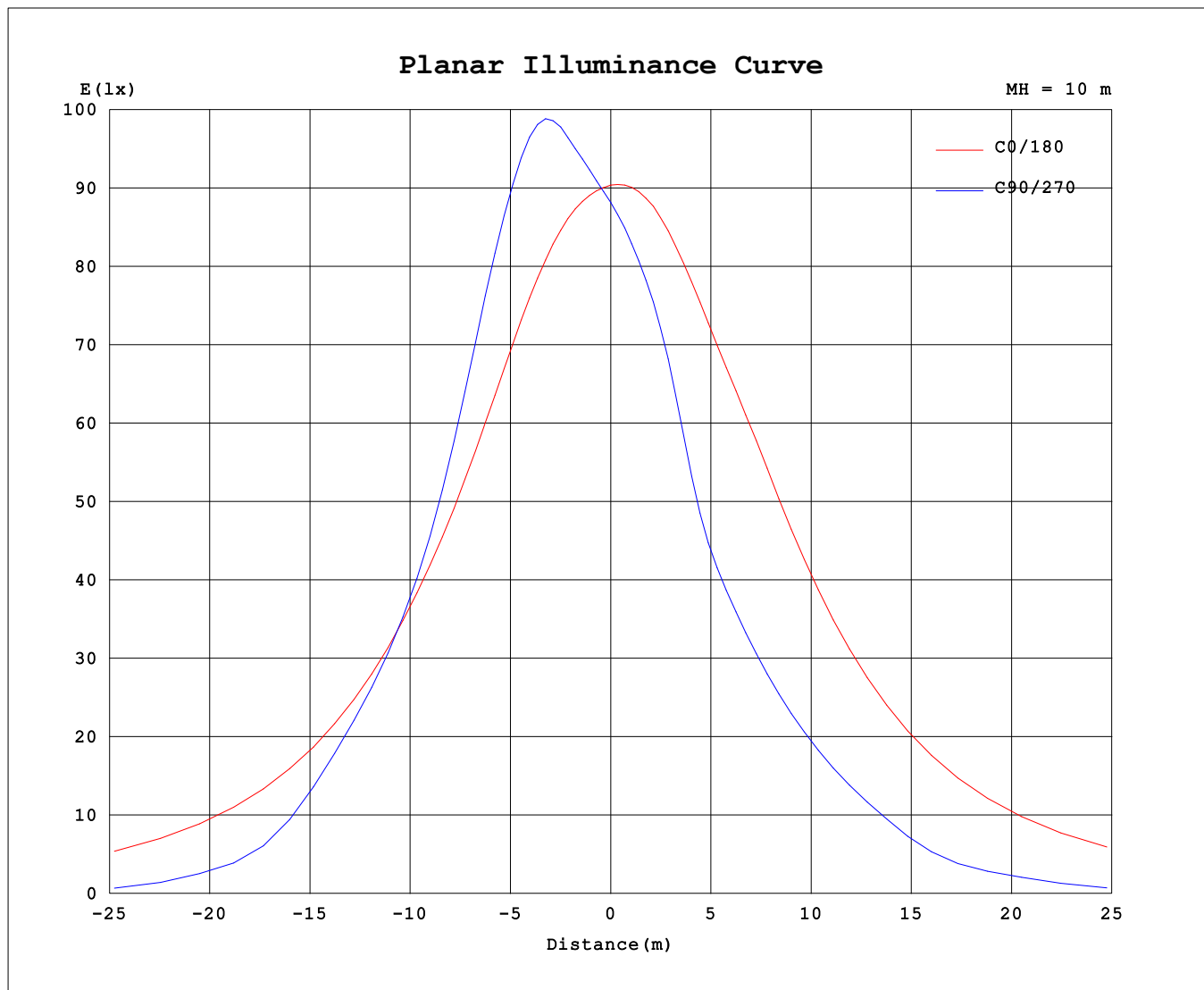
Test:U:120.83V I:2.5038A P:301.80W PF:0.9975 Freq:60.01Hz UTHDi:0.89% ITHDi:4.94% KDisp:0.0000 Lamp Flux:40919.7x1 lm		
NAME: JEN-AR07-300W-X-XXX(XXX)	TYPE: JEN-AR07-300W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.: 44*32	SERIAL No.:
MFR.: EVERFINE	SUR.: 30*30	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HMS
Test Date:11 May 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:7.980m [K=1.0000]
Remarks:

Planar Illuminance Curve



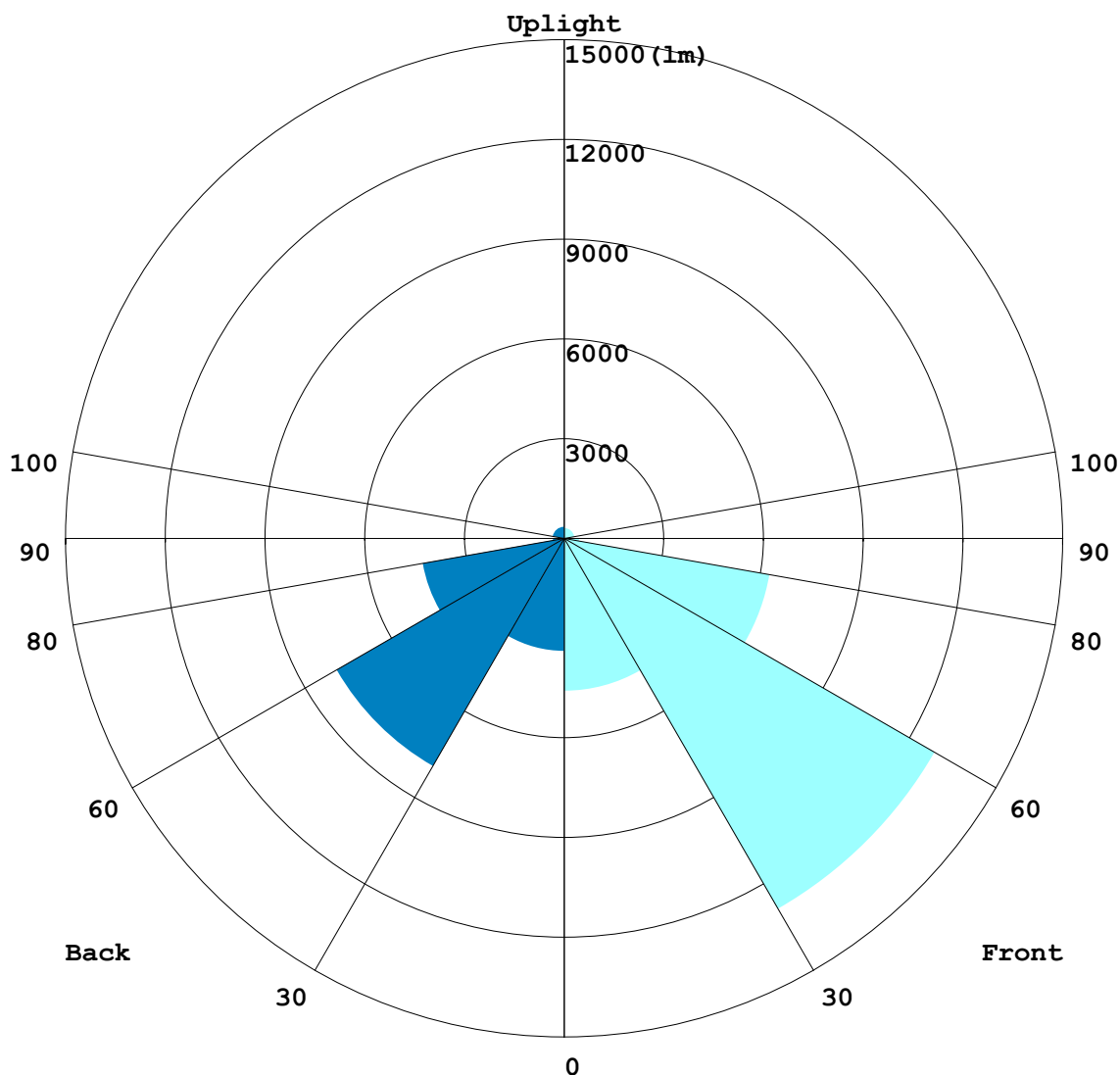
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: HMS
Test Date: 11 May 2023

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 7.980m [K=1.0000]
Remarks:

LCS REPORT

Test:U:120.83V I:2.5038A P:301.80W PF:0.9975 Freq:60.01Hz		
UTHDi:0.89% ITHDi:4.94% KDisp:0.0000 Lamp Flux:40919.7x1 lm		
NAME: JEN-AR07-300W-X-XXX(XXX)	TYPE: JEN-AR07-300W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.: 44*32	SERIAL No.:
MFR.: EVERFINE	SUR.: 30*30	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HMS
Test Date:11 May 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:7.980m [K=1.0000]
Remarks:

BUG REPORT

Test:U:120.83V I:2.5038A P:301.80W PF:0.9975 Freq:60.01Hz UTHDi:0.89% ITHDi:4.94% KDisp:0.0000 Lamp Flux:40919.7x1 lm		
NAME: JEN-AR07-300W-X-XXX(XXX)	TYPE: JEN-AR07-300W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.: 44*32	SERIAL No.:
MFR.: EVERFINE	SUR.: 30*30	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4587.1	11.2
FM - Front-Medium(30-60)	12871	31.5
FH - Front-High(60-80)	6272.7	15.3
FVH - Front-Very High(80-90)	449.11	1.1
Total Forward Light	24545	60.0

BL - Back-Low(0-30)	3390.6	8.3
BM - Back-Medium(30-60)	7906.5	19.3
BH - Back-High(60-80)	4318.6	10.6
BVH - Back-Very High(80-90)	342.6	0.8
Total Back Light	16374	40.0

UL - Uplight-Low(90-100)	114.45	0.3
UH - Uplight-High(100-180)	666.81	1.6
Total Up Light	781.25	1.9

BUG(Back,Up,Glare) Rating	B4-U4-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	15958	416.2	16374
Street Side	24180	365.05	24545

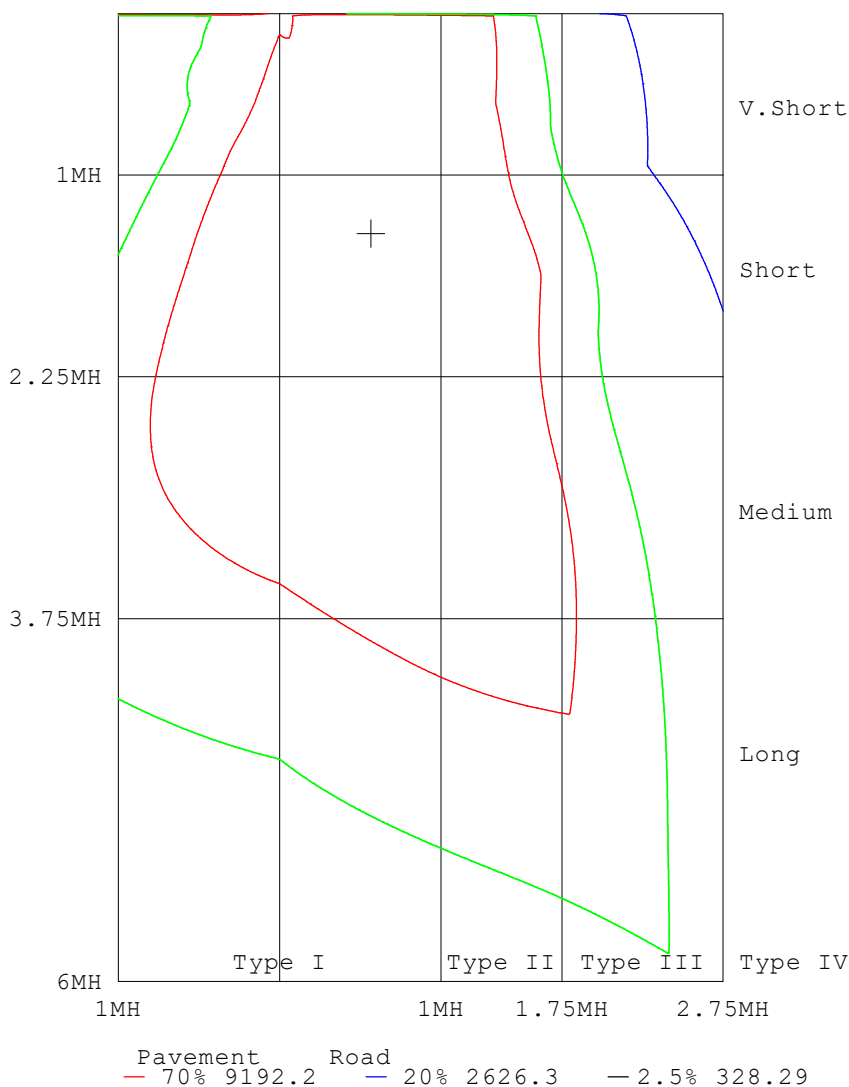
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HMS
Test Date:11 May 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:7.980m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:120.83V I:2.5038A P:301.80W PF:0.9975 Freq:60.01Hz		
UTHDi:0.89% ITHDi:4.94% KDisp:0.0000 Lamp Flux:40919.7x1 lm		
NAME: JEN-AR07-300W-X-XXX(XXX)	TYPE: JEN-AR07-300W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.: 44*32	SERIAL No.:
MFR.: EVERFINE	SUR.: 30*30	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HMS
Test Date:11 May 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:7.980m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.83V I:2.5038A P:301.80W PF:0.9975 Freq:60.01Hz		
UTHDi:0.89% ITHDi:4.94% KDisp:0.0000 Lamp Flux:40919.7x1 lm		
NAME: JEN-AR07-300W-X-XXX(XXX)	TYPE: JEN-AR07-300W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.: 44*32	SERIAL No.:
MFR.: EVERFINE	SUR.: 30*30	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	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884			
5	884	895	906	914	919	918	913	903	891	879	869	862	858	859	863	872			
10	895	928	962	985	998	995	977	944	909	878	851	832	822	824	839	863			
15	907	961	1017	1053	1074	1070	1039	981	924	876	839	809	792	799	825	860			
20	926	1025	1112	1158	1186	1194	1154	1054	948	871	815	753	706	734	798	852			
25	940	1068	1160	1207	1235	1252	1218	1112	969	865	793	699	639	681	774	842			
30	958	1116	1207	1243	1262	1288	1276	1189	1011	855	745	633	597	622	724	824			
35	970	1137	1220	1233	1237	1277	1291	1225	1048	855	699	609	586	599	678	812			
40	991	1170	1204	1163	1149	1210	1283	1272	1097	870	630	581	568	573	608	806			
45	1009	1188	1171	1099	1084	1147	1259	1301	1120	876	589	562	556	555	568	801			
50	1033	1206	1103	1002	994	1045	1199	1330	1149	880	535	526	523	520	517	797			
55	1045	1206	1057	918	883	964	1152	1340	1159	880	499	489	470	483	483	792			
60	1047	1190	993	655	489	739	1087	1335	1157	874	435	373	309	355	415	785			
65	1037	1187	887	396	305	475	1020	1324	1141	870	382	265	251	255	356	785			
70	977	1219	465	138	103	182	691	1307	1073	847	261	144	117	127	220	771			
75	730	1184	237	64.1	63.2	74.1	388	1238	913	766	167	80.4	77.3	72.1	137	686			
80	193	574	46.7	32.2	33.8	36.0	99.6	745	434	402	69.8	46.4	46.0	44.9	59.8	251			
85	47.0	148	23.6	19.2	19.4	21.0	32.1	376	114	144	41.4	35.5	37.4	33.9	36.3	51.1			
90	11.5	10.1	8.99	8.14	7.90	8.20	9.30	15.6	14.3	16.8	14.1	16.3	8.76	10.5	11.8	12.6			
95	11.7	10.4	9.15	8.30	8.04	8.19	8.90	9.97	11.7	11.7	10.8	9.55	9.26	10.4	12.0	12.9			
100	12.3	11.0	9.62	8.70	8.36	8.40	9.10	10.3	12.1	12.1	11.4	10.2	10.1	11.3	12.7	13.3			
105	12.6	11.4	9.98	9.02	8.63	8.62	9.31	10.5	12.4	12.3	11.7	10.7	10.7	11.8	13.1	13.6			
110	13.0	11.9	10.5	9.54	9.09	9.01	9.68	10.9	12.8	12.7	12.1	11.4	11.5	12.6	13.6	13.9			
115	13.3	12.2	10.9	9.87	9.40	9.29	9.94	11.1	13.1	12.9	12.3	11.8	12.0	12.9	13.8	14.1			
120	13.6	12.7	11.5	10.4	9.85	9.69	10.3	11.4	13.3	13.0	12.6	12.1	12.5	13.3	14.2	14.2			
125	13.8	13.1	11.8	10.7	10.1	9.98	10.6	11.6	13.4	13.0	12.6	12.4	12.7	13.5	14.3	14.3			
130	14.1	13.6	12.4	11.2	10.6	10.4	10.9	11.8	13.6	13.0	12.7	12.7	13.1	13.9	14.5	14.3			
135	14.5	13.9	12.7	11.6	10.9	10.7	11.2	12.2	13.7	13.2	12.8	12.9	13.3	14.1	14.6	14.3			
140	15.2	14.5	13.3	12.1	11.5	11.3	11.8	12.8	14.0	13.7	13.4	13.2	13.5	14.3	14.8	14.6			
145	15.7	14.9	13.7	12.6	11.9	11.7	12.3	13.4	14.4	14.2	13.9	13.5	13.7	14.4	15.1	14.9			
150	16.5	15.6	14.4	13.4	12.7	12.5	13.1	14.2	15.2	15.2	14.8	14.2	14.2	14.8	15.6	15.7			
155	17.0	16.0	14.9	14.0	13.4	13.1	13.7	14.7	15.9	15.9	15.4	14.7	14.6	15.1	16.0	16.3			
160	17.4	16.6	15.6	14.9	14.3	14.1	14.5	15.5	16.6	16.6	16.2	15.6	15.3	15.7	16.6	16.9			
165	17.6	17.0	16.1	15.5	14.9	14.7	15.1	16.0	16.9	17.0	16.7	16.1	15.8	16.1	16.8	17.1			
170	17.8	17.4	16.7	16.3	15.7	15.6	15.9	16.6	17.4	17.4	17.2	16.7	16.4	16.5	17.1	17.4			
175	17.9	17.6	17.0	16.6	16.1	16.0	16.4	17.0	17.7	17.5	17.4	16.9	16.6	16.6	17.1	17.4			
180	17.9	17.7	17.3	17.0	16.5	16.5	16.9	17.3	18.0	17.6	17.4	16.9	16.6	16.5	17.0	17.3			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:HMS

Test Date:11 May 2023

γ Range: 0 - 180DEG

γ Interval: 2.0DEG

Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458

Humidity:65.0%

Test Distance:7.980m [K=1.0000]

Remarks: