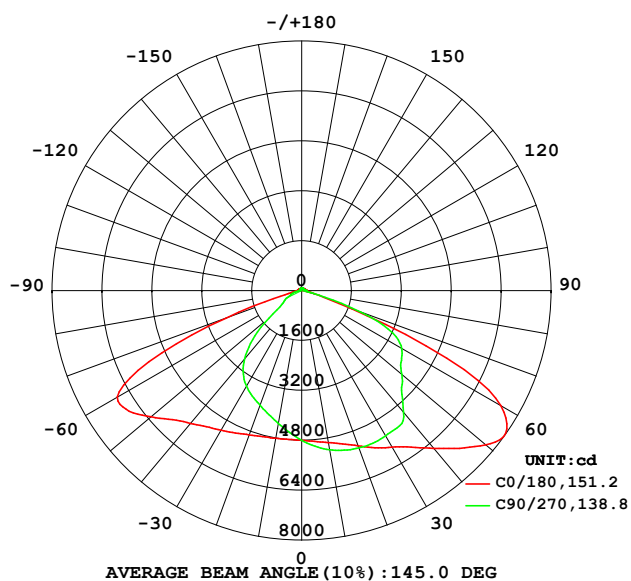
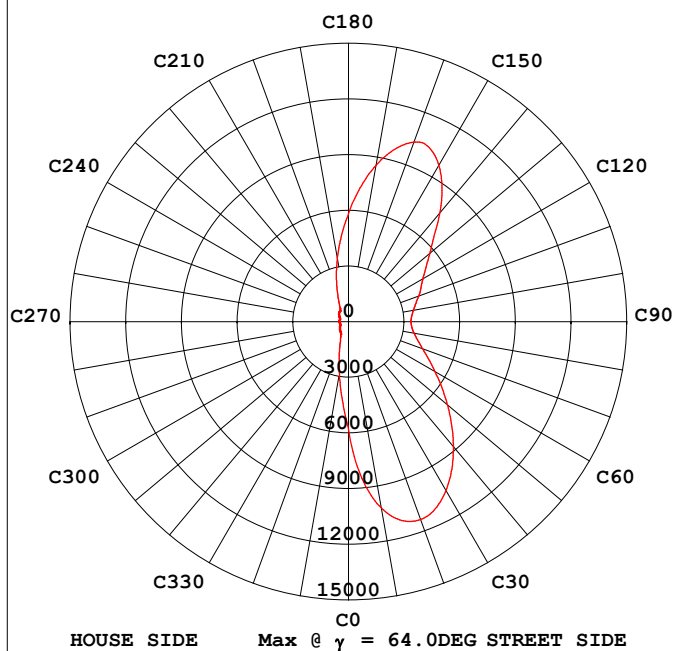


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.92V I:1.2677A P:151.76W PF:0.9983 Freq:60.70Hz		
UTHDi:0.60% ITHDi:3.62% KDisp:-0.0000		Lamp Flux:20870.7x1 lm
NAME: JEN-AR07-150W-X-XXX(XXX)	TYPE: JEN-AR07-150W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.:	SERIAL No.: 315*335
MFR.: EVERFINE	SUR.: 290*180	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 137.53 lm/W			
MODE: JEN-AR07-150W-X-XXX(XXX)		Imax(cd)	11293	η street_up(%)	1.5
NOMINAL POWER(W)	150	LOR(%)	100.0	η street_down(%)	66.3
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	20871	η house_up(%)	1.3
NOMINAL FLUX(lm)	20870.7	MAXIMUM @ (C, γ)	23,64.0	η house_down(%)	30.9
LAMPS INSIDE	1	η up(%)	2.8	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	120	η down(%)	97.2	SLI	20.818

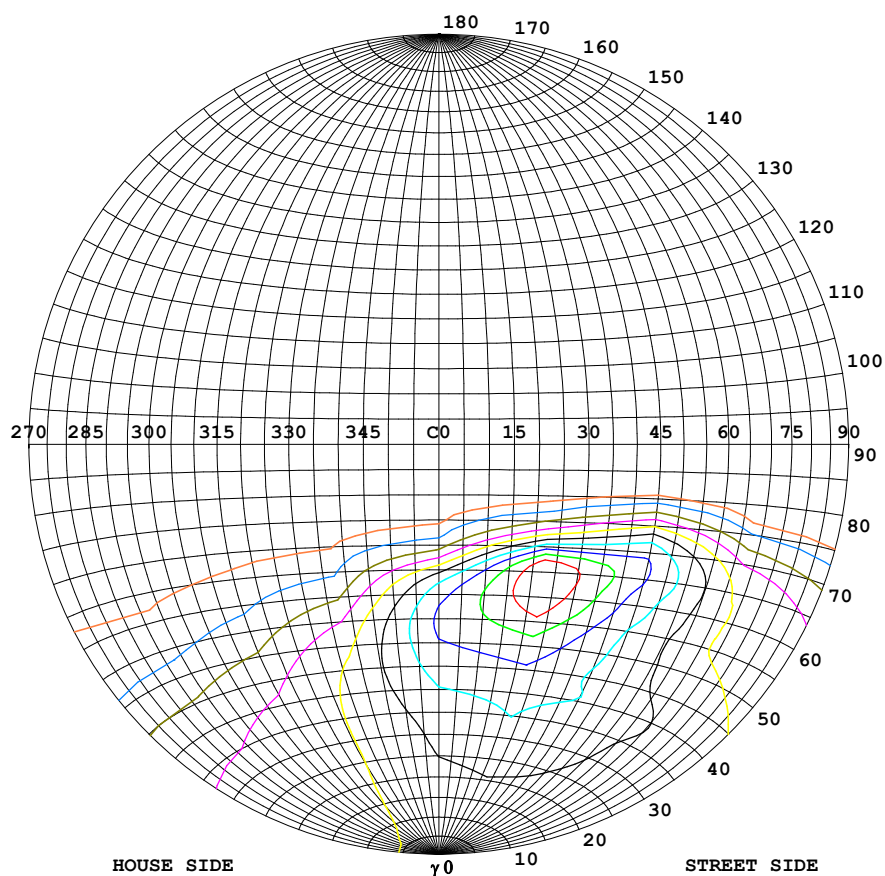
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:HMS
Test Date:22 March 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.080m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:119.92V I:1.2677A P:151.76W PF:0.9983 Freq:60.70Hz		
UTHDi:0.60% ITHDi:3.62% KDisp:-0.0000		Lamp Flux:20870.7x1 lm
NAME: JEN-AR07-150W-X-XXX(XXX)	TYPE: JEN-AR07-150W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.:	SERIAL No.: 315*335
MFR.: EVERFINE	SUR.: 290*180	Shielding Angle:



Classification:

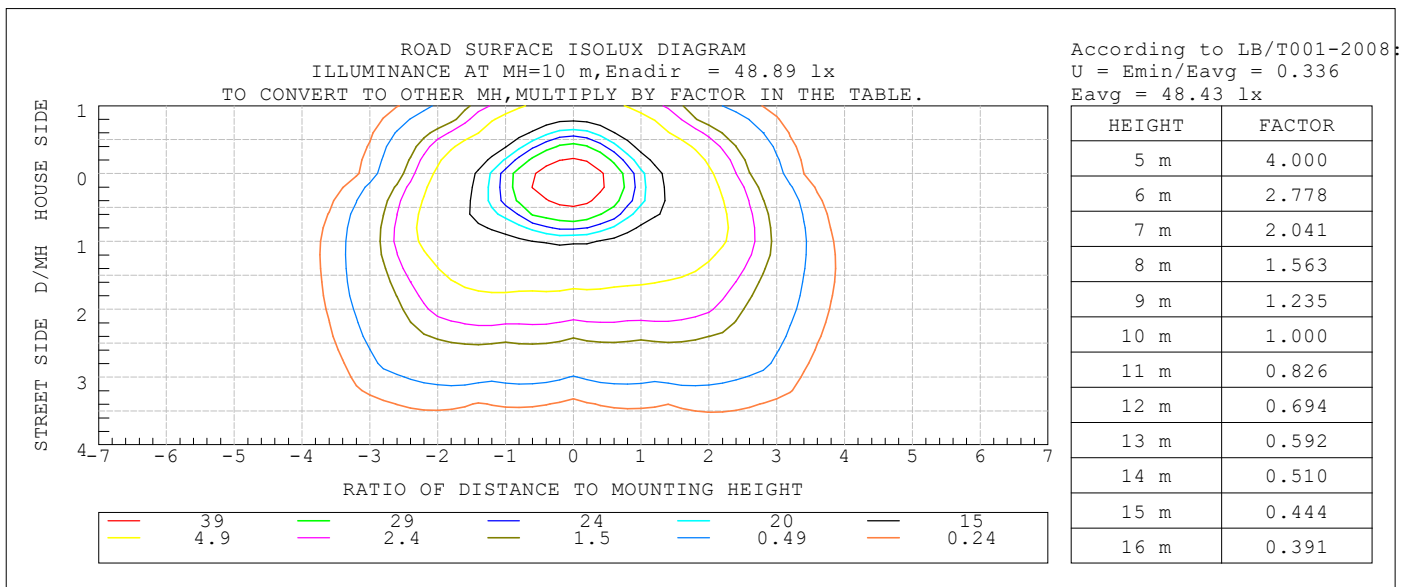
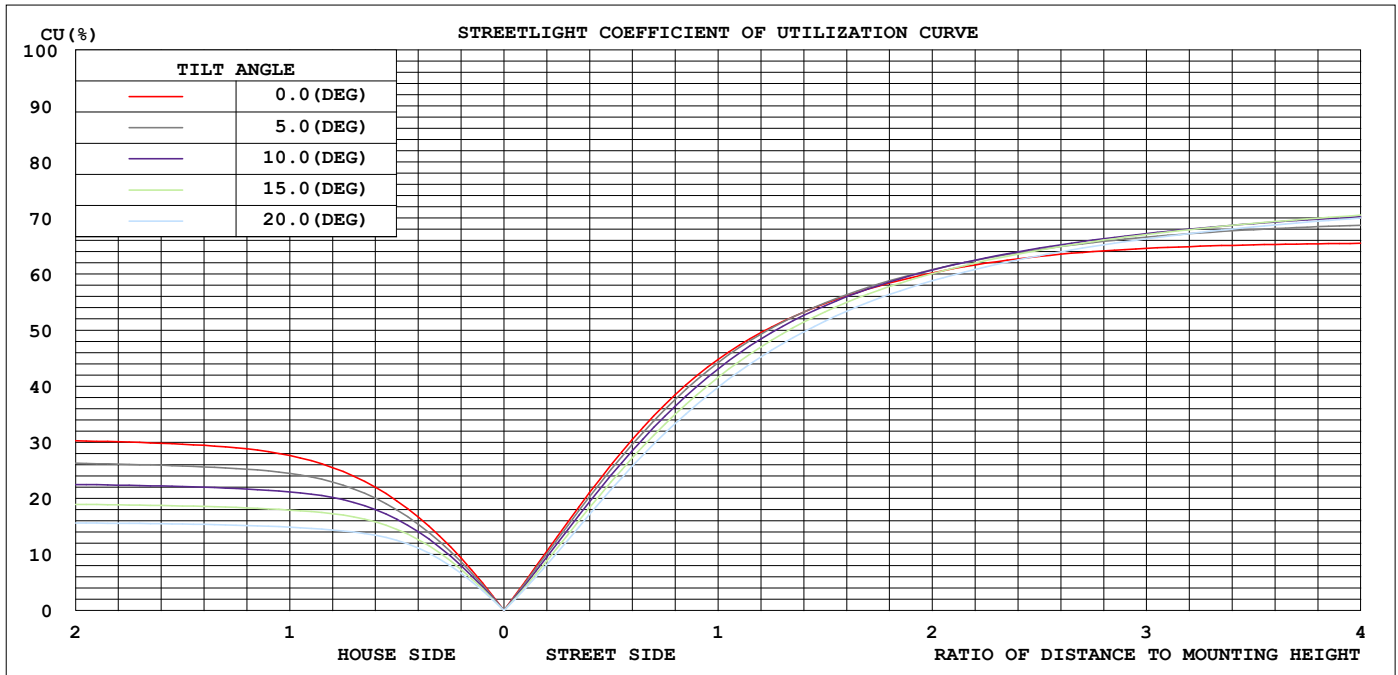
IES:Type III - Short
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:46.49cd/klm
 Max.At90:8.316cd/klm
 Max.80-90:46.49cd/klm
 NRB 5101:Limited[7.9%]

ISOCANDELA DIAGRAM		
UNIT		cd
I _{max} =100%		11293
90%		10164
80%		9034
70%		7905
60%		6776
50%		5647
40%		4517
30%		3388
20%		2259
10%		1129
5%		565

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:25.3℃
 Operators:HMS
 Test Date:22 March 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:6.080m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 25.3 °C
Operators: HMS
Test Date: 22 March 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 6.080m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:119.92V I:1.2677A P:151.76W PF:0.9983 Freq:60.70Hz		
UTHDi:0.60% ITHDi:3.62% KDisp:-0.0000		Lamp Flux:20870.7x1 lm
NAME: JEN-AR07-150W-X-XXX(XXX)	TYPE: JEN-AR07-150W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.:	SERIAL No.: 315*335
MFR.: EVERFINE	SUR.: 290*180	Shielding Angle:

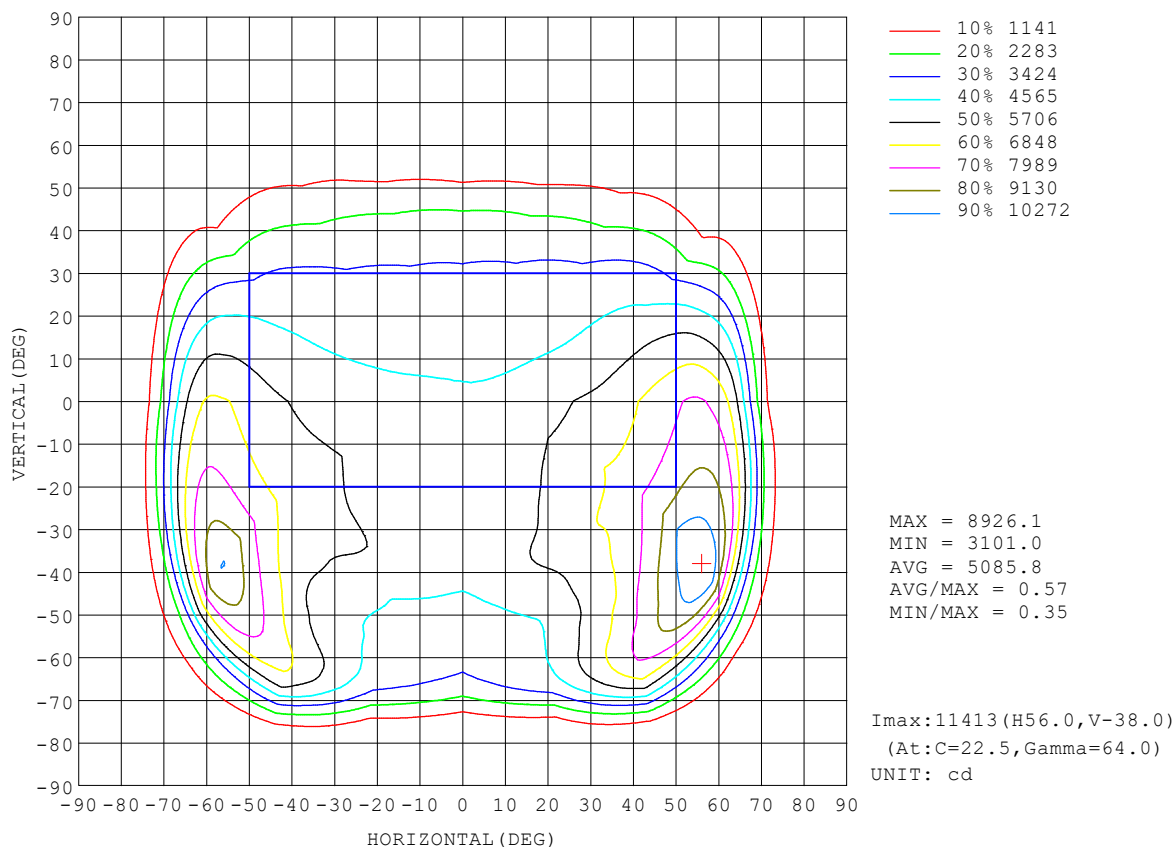
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	494.8	516.9	518.1	510.4	481.0	445.4	432.7	453.2	0- 10	459.1	459.1	2.2,2.2
20	529.7	550.2	537.0	537.4	492.3	412.9	391.4	428.3	10- 20	1370	1829	8.77,8.77
30	579.7	579.9	538.1	550.1	516.9	383.2	354.5	405.6	20- 30	2257	4086	19.6,19.6
40	660.4	659.9	508.6	601.6	555.9	341.6	284.8	359.9	30- 40	3098	7184	34.4,34.4
50	769.1	646.7	419.3	571.2	629.8	247.2	137.2	241.4	40- 50	3691	10875	52.1,52.1
60	737.4	725.3	370.7	595.7	682.2	109.7	63.76	95.44	50- 60	3973	14848	71.1,71.1
70	172.3	756.4	201.2	704.6	258.4	47.22	37.49	45.89	60- 70	3812	18660	89.4,89.4
80	26.43	71.53	18.46	97.03	29.05	19.48	14.27	18.60	70- 80	1453	20114	96.4,96.4
90	14.80	15.83	13.13	15.16	14.47	9.972	8.042	10.34	80- 90	182.4	20296	97.2,97.2
100	13.17	14.04	10.99	13.17	12.78	9.040	7.470	9.231	90-100	130.3	20426	97.9,97.9
110	10.98	11.29	8.968	10.56	11.04	8.252	7.179	8.514	100-110	110.1	20536	98.4,98.4
120	9.522	9.433	7.834	8.494	9.776	7.798	7.154	8.078	110-120	89.16	20625	98.8,98.8
130	8.621	8.476	7.295	7.341	8.928	7.414	7.105	7.790	120-130	72.88	20698	99.2,99.2
140	8.199	8.021	7.098	6.691	8.488	7.532	7.229	7.850	130-140	59.36	20758	99.5,99.5
150	8.157	7.795	7.078	6.452	8.459	7.933	7.475	7.942	140-150	47.68	20805	99.7,99.7
160	8.204	7.827	7.307	6.710	8.502	8.260	7.709	7.989	150-160	35.56	20841	99.9,99.9
170	8.270	8.020	7.679	7.102	8.521	8.270	7.852	7.807	160-170	22.22	20863	100,100
180	8.407	8.211	7.926	7.553	8.433	8.237	7.944	7.574	170-180	7.576	20871	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:HMS
Test Date:22 March 2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.080m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

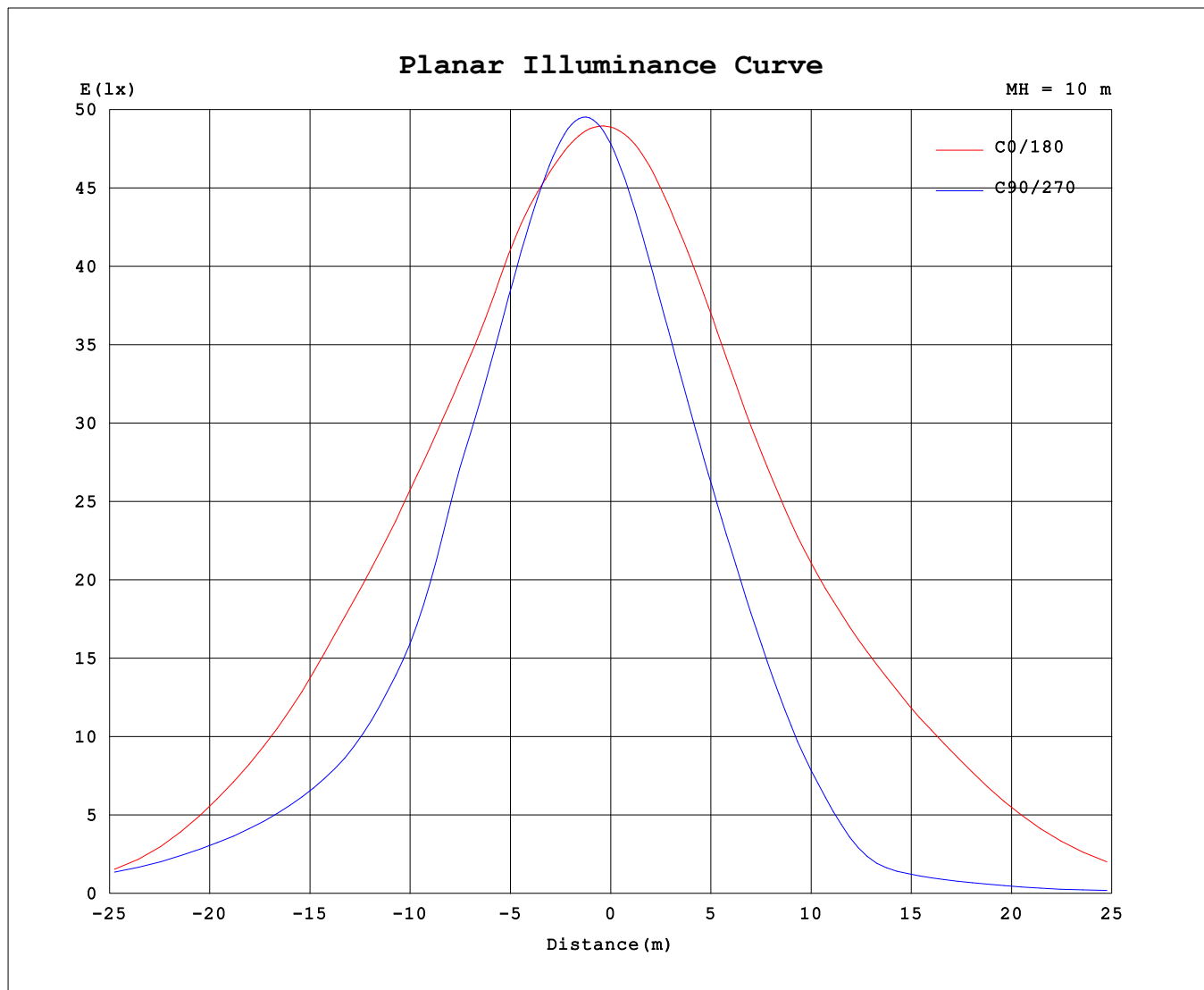
Test:U:119.92V I:1.2677A P:151.76W PF:0.9983 Freq:60.70Hz		
UTHDi:0.60% ITHDi:3.62% KDisp:-0.0000 Lamp Flux:20870.7x1 lm		
NAME: JEN-AR07-150W-X-XXX(XXX)	TYPE: JEN-AR07-150W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.:	SERIAL No.: 315*335
MFR.: EVERFINE	SUR.: 290*180	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:HMS
Test Date:22 March 2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.080m [K=1.0000]
Remarks:

Planar Illuminance Curve



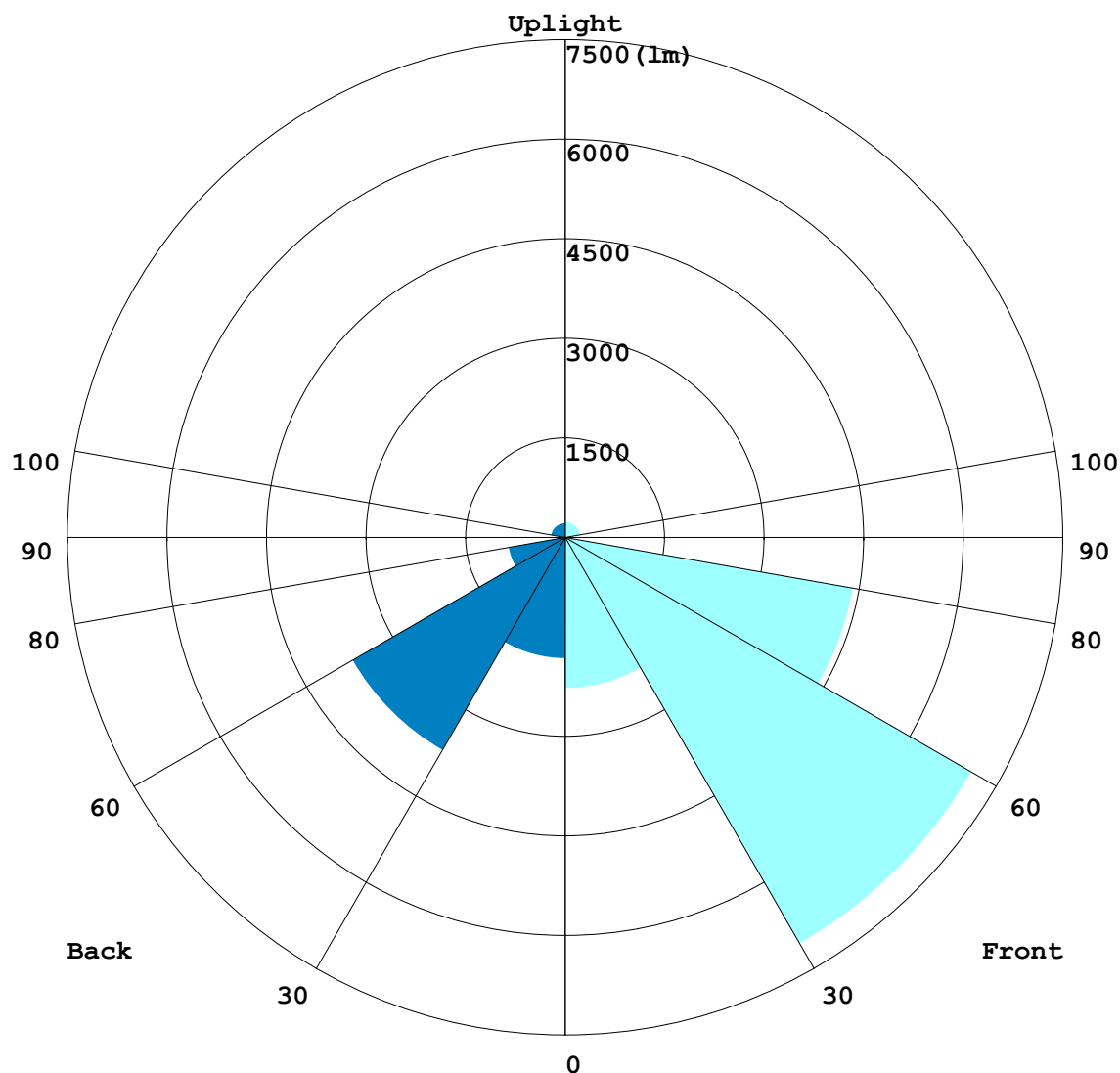
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 25.3 °C
Operators: HMS
Test Date: 22 March 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 6.080m [K=1.0000]
Remarks:

LCS REPORT

Test:U:119.92V I:1.2677A P:151.76W PF:0.9983 Freq:60.70Hz		
UTHDi:0.60% ITHDi:3.62% KDisp:-0.0000		Lamp Flux:20870.7x1 lm
NAME: JEN-AR07-150W-X-XXX(XXX)	TYPE: JEN-AR07-150W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.:	SERIAL No.: 315*335
MFR.: EVERFINE	SUR.: 290*180	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:HMS
Test Date:22 March 2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.080m [K=1.0000]
Remarks:

BUG REPORT

Test:U:119.92V I:1.2677A P:151.76W PF:0.9983 Freq:60.70Hz UTHDi:0.60% ITHDi:3.62% KDisp:-0.0000 Lamp Flux:20870.7x1 lm		
NAME: JEN-AR07-150W-X-XXX(XXX)	TYPE: JEN-AR07-150W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.:	SERIAL No.: 315*335
MFR.: EVERFINE	SUR.: 290*180	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	2266.6	10.9
FM - Front-Medium(30-60)	7064.7	33.8
FH - Front-High(60-80)	4402.2	21.1
FVH - Front-Very High(80-90)	109.08	0.5
Total Forward Light	14150	67.8

BL - Back-Low(0-30)	1819.5	8.7
BM - Back-Medium(30-60)	3697.4	17.7
BH - Back-High(60-80)	863.06	4.1
BVH - Back-Very High(80-90)	73.292	0.4
Total Back Light	6720.4	32.2

UL - Uplight-Low(90-100)	130.31	0.6
UH - Uplight-High(100-180)	444.53	2.1
Total Up Light	574.84	2.8

BUG(Back,Up,Glare) Rating	B3-U3-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6453.2	267.18	6720.4
Street Side	13843	307.66	14150

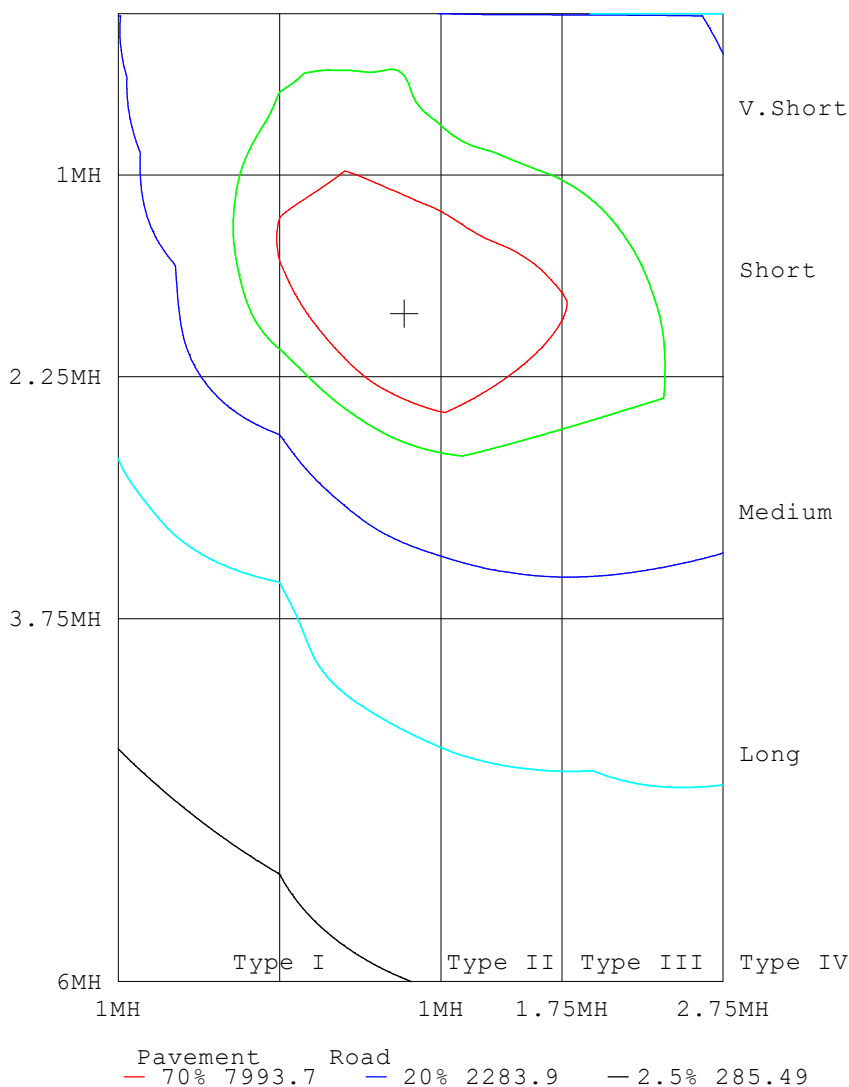
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:25.3℃
 Operators:HMS
 Test Date:22 March 2023

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:6.080m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.92V I:1.2677A P:151.76W PF:0.9983 Freq:60.70Hz		
UTHDi:0.60% ITHDi:3.62% KDisp:-0.0000		Lamp Flux:20870.7x1 lm
NAME: JEN-AR07-150W-X-XXX(XXX)	TYPE: JEN-AR07-150W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.:	SERIAL No.: 315*335
MFR.: EVERFINE	SUR.: 290*180	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:HMS
Test Date:22 March 2023

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.080m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.92V I:1.2677A P:151.76W PF:0.9983 Freq:60.70Hz		
UTHDi:0.60% ITHDi:3.62% KDisp:-0.0000		Lamp Flux:20870.7x1 lm
NAME: JEN-AR07-150W-X-XXX(XXX)	TYPE: JEN-AR07-150W-X-XXX(XXX) WEIGHT:	
SPEC.: 120~277V	DIM.:	SERIAL No.: 315*335
MFR.: EVERFINE	SUR.: 290*180	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	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480	480			
5	485	493	499	501	501	500	495	488	479	470	463	458	457	460	466	476			
10	495	510	517	519	518	516	510	499	481	462	445	435	433	439	453	473			
15	509	530	535	532	530	529	525	512	485	454	429	414	411	419	441	474			
20	530	554	550	541	537	538	537	526	492	448	413	395	391	402	428	476			
25	556	587	563	545	540	541	545	545	504	442	398	378	374	386	417	476			
30	580	630	580	545	538	539	550	572	517	437	383	359	354	368	406	479			
35	613	671	609	546	536	535	564	600	533	432	366	335	327	342	389	485			
40	660	703	660	554	509	535	602	622	556	428	342	298	285	301	360	488			
45	715	766	636	514	453	491	585	652	586	416	303	244	223	240	312	476			
50	769	851	647	479	419	455	571	719	630	391	247	175	137	165	241	432			
55	798	977	669	451	391	426	558	821	675	334	176	92.6	76.4	85.8	161	343			
60	737	1099	725	455	371	423	596	964	682	240	110	62.0	63.8	61.8	95.4	213			
65	513	1122	797	443	324	414	672	1040	541	130	68.4	50.1	47.0	48.6	63.8	100			
70	172	735	756	334	201	322	705	777	258	65.1	47.2	37.5	37.5	38.9	45.9	55.0			
75	42.9	230	440	117	59.5	127	445	267	72.0	35.6	31.6	28.8	26.0	28.3	29.9	32.9			
80	26.4	40.4	71.5	22.4	18.5	21.0	97.0	56.7	29.1	21.8	19.5	16.7	14.3	15.4	18.6	21.4			
85	16.1	17.0	15.8	15.2	14.0	13.8	15.7	19.3	17.1	14.8	11.6	10.0	9.70	10.4	12.3	14.8			
90	14.8	16.6	15.8	14.5	13.1	13.3	15.2	17.4	14.5	12.0	9.97	8.42	8.04	8.63	10.3	12.5			
95	14.3	15.7	14.6	13.0	12.0	12.3	13.5	15.0	13.5	11.5	9.41	8.07	7.71	8.27	9.64	11.5			
100	13.2	14.9	14.0	12.0	11.0	11.6	13.2	14.1	12.8	10.8	9.04	7.80	7.47	8.03	9.23	10.7			
105	12.0	13.4	12.7	10.8	9.88	10.5	12.0	12.6	11.8	10.2	8.62	7.57	7.30	7.84	8.85	10.03			
110	11.0	11.9	11.3	9.76	8.97	9.48	10.6	11.1	11.0	9.62	8.25	7.38	7.18	7.67	8.51	9.42			
115	10.2	10.8	10.2	8.98	8.31	8.64	9.38	9.93	10.4	9.12	7.98	7.29	7.14	7.59	8.26	8.93			
120	9.52	9.98	9.43	8.44	7.83	8.02	8.49	9.00	9.78	8.70	7.80	7.25	7.15	7.58	8.08	8.47			
125	9.00	9.37	8.87	8.05	7.51	7.55	7.84	8.28	9.29	8.35	7.61	7.16	7.14	7.56	7.92	8.06			
130	8.62	8.92	8.48	7.79	7.30	7.21	7.34	7.69	8.93	8.09	7.41	7.06	7.10	7.51	7.79	7.76			
135	8.36	8.59	8.21	7.64	7.16	6.97	6.97	7.23	8.66	7.92	7.37	7.08	7.12	7.49	7.77	7.67			
140	8.20	8.33	8.02	7.55	7.10	6.81	6.69	6.91	8.49	7.92	7.53	7.24	7.23	7.56	7.85	7.77			
145	8.15	8.15	7.89	7.54	7.07	6.70	6.51	6.81	8.45	8.07	7.75	7.45	7.38	7.64	7.92	7.89			
150	8.16	8.05	7.80	7.53	7.08	6.66	6.45	6.87	8.46	8.19	7.93	7.61	7.48	7.68	7.94	7.94			
155	8.17	8.02	7.77	7.58	7.16	6.71	6.53	7.01	8.46	8.30	8.11	7.77	7.58	7.73	7.98	7.99			
160	8.20	8.05	7.83	7.68	7.31	6.86	6.71	7.14	8.50	8.41	8.26	7.92	7.71	7.79	7.99	8.03			
165	8.23	8.10	7.92	7.83	7.49	7.06	6.91	7.26	8.53	8.44	8.29	8.01	7.79	7.78	7.92	7.98			
170	8.27	8.15	8.02	7.98	7.68	7.27	7.10	7.39	8.52	8.40	8.27	8.09	7.85	7.71	7.81	7.87			
175	8.35	8.22	8.12	8.11	7.82	7.45	7.31	7.53	8.50	8.35	8.27	8.15	7.91	7.67	7.68	7.77			
180	8.41	8.31	8.21	8.20	7.93	7.62	7.55	7.69	8.43	8.28	8.24	8.18	7.94	7.61	7.57	7.68			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: MEDIUM

Temperature:25.3℃

Operators:HMS

Test Date:22 March 2023

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

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

Humidity:65.0%

Test Distance:6.080m [K=1.0000]

Remarks: