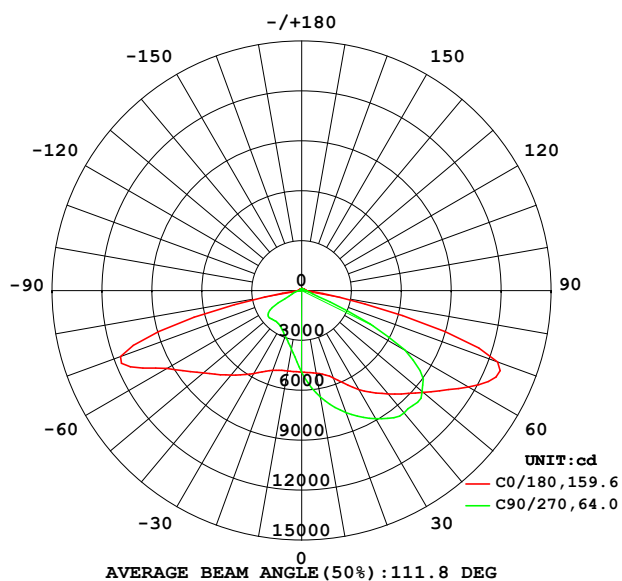
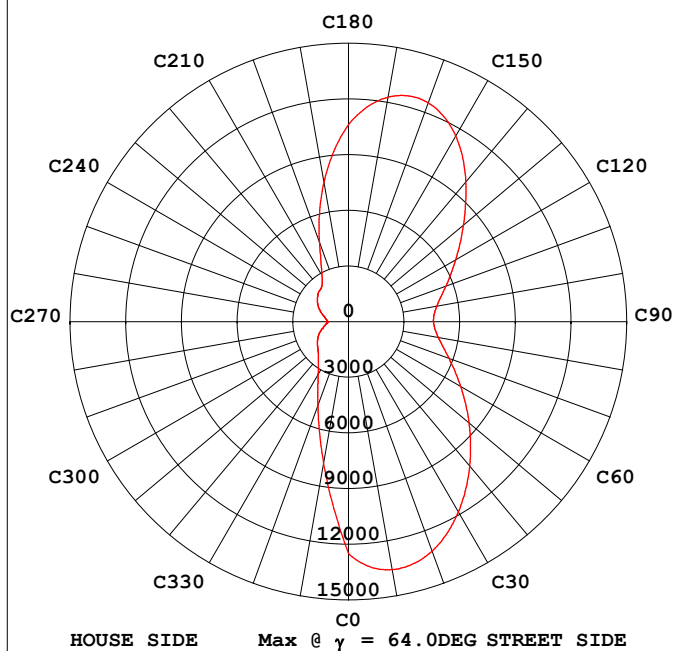


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:276.85V I:0.8512A P:234.72W PF:0.9961 Freq:50.01Hz		
UTHDi:0.23% ITHDi:6.57% KDisp:0.0000 Lamp Flux:30407.1x1 lm		
NAME: JEN-AR07-240W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 53.4*32.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*28.2	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.55 lm/W			
MODE: JEN-AR07-240W-X-XXX(XXX)		Imax (cd)	12903	η street_up (%)	1.5
NOMINAL POWER (W)	240	LOR (%)	100.0	η street_down (%)	68.5
RATED VOLTAGE (V)	277	TOTAL FLUX (lm)	30407	η house_up (%)	1.3
NOMINAL FLUX (lm)	30407.1	MAXIMUM @ (C, γ)	23,64.0	η house_down (%)	28.6
LAMPS INSIDE	1	η up (%)	2.9	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	277	η down (%)	97.1	SLI	24.534

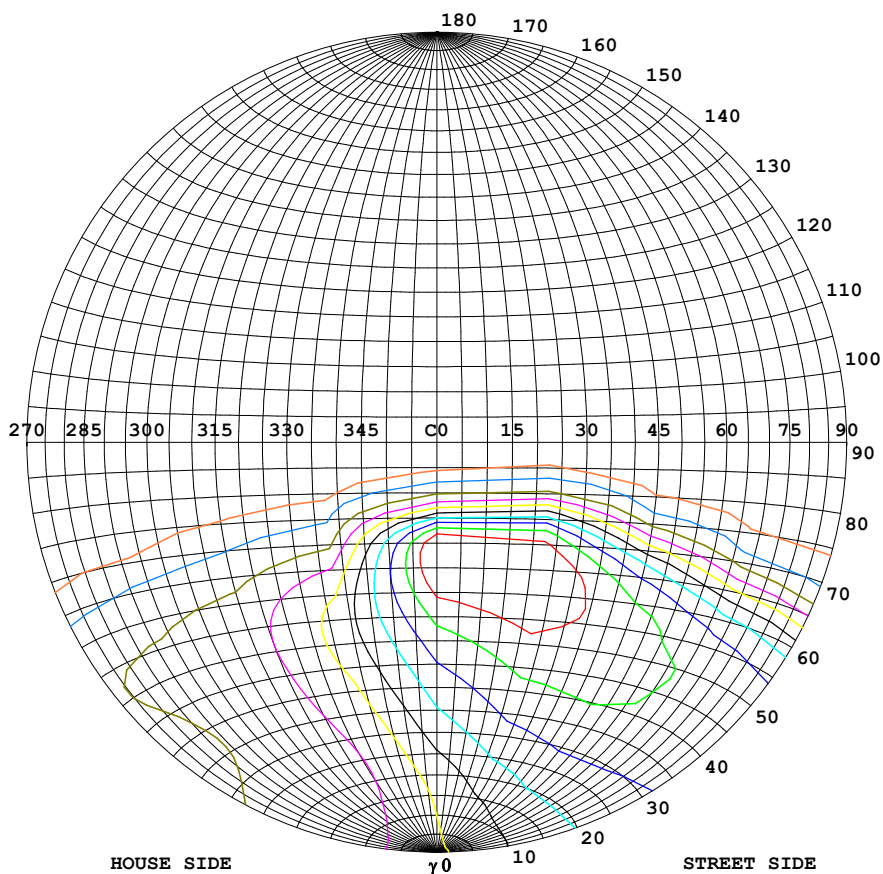
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3 °C
 Operators: HMS
 Test Date: 12 January 2023

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 6.040m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:276.85V I:0.8512A P:234.72W PF:0.9961 Freq:50.01Hz UTHDi:0.23% ITHDi:6.57% KDisp:0.0000 Lamp Flux:30407.1x1 lm		
NAME: JEN-AR07-240W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 53.4*32.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*28.2	Shielding Angle:



Classification:

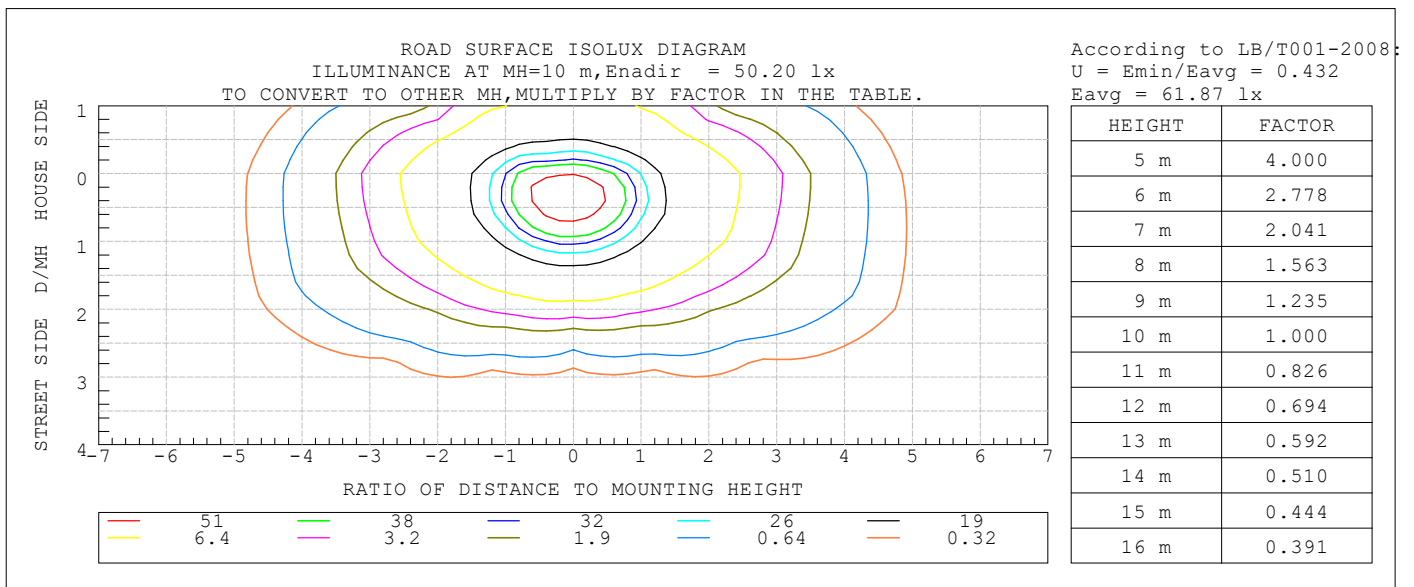
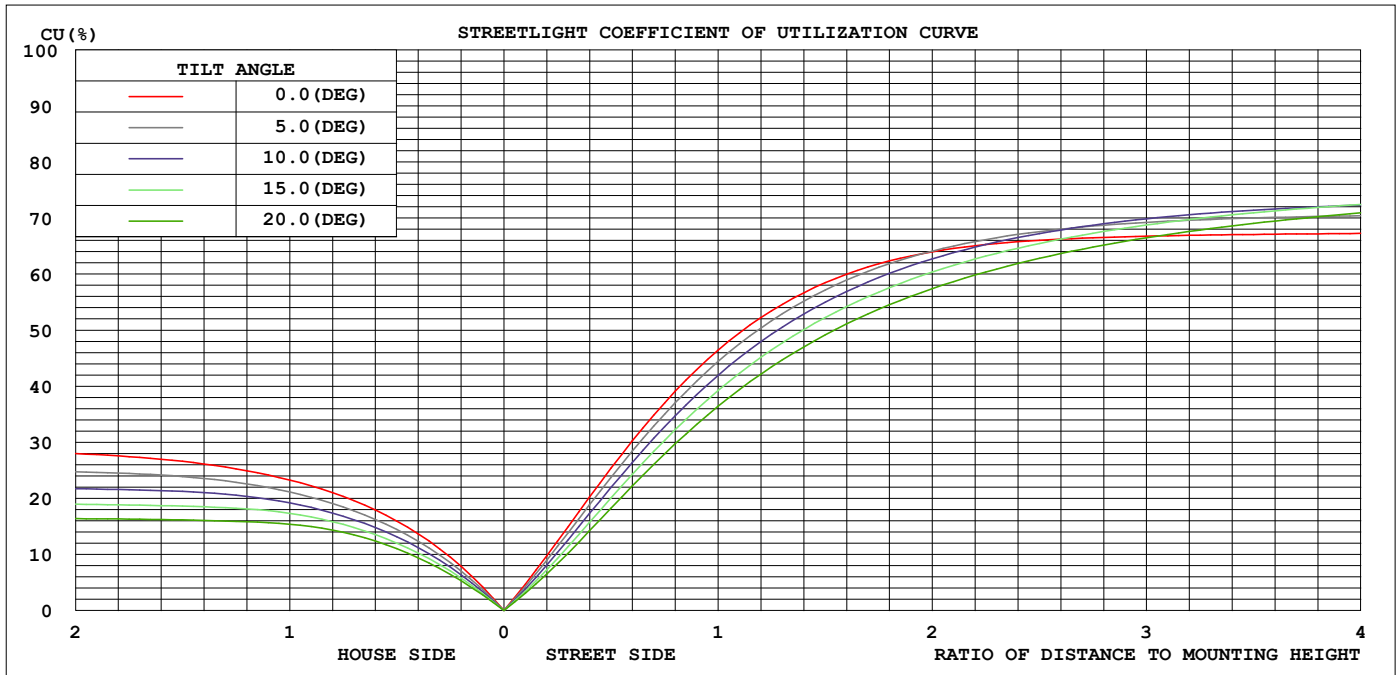
IES:Type III - Short
CIE:Average - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:120.8cd/klm
Max.At90:11.66cd/klm
Max.80-90:120.8cd/klm
NRB 5101:Semi limited[21.9%]

ISOCANDELA DIAGRAM		
UNIT		cd
Imax=100%		12903
90%		11613
80%		10323
70%		9032
60%		7742
50%		6452
40%		5161
30%		3871
20%		2581
10%		1290
5%		645

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HMS
Test Date:12 January 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.040m [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: 12 January 2023

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:276.85V I:0.8512A P:234.72W PF:0.9961 Freq:50.01Hz		
UTHDi:0.23% ITHDi:6.57% KDisp:0.0000 Lamp Flux:30407.1x1 lm		
NAME: JEN-AR07-240W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 53.4*32.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*28.2	Shielding Angle:

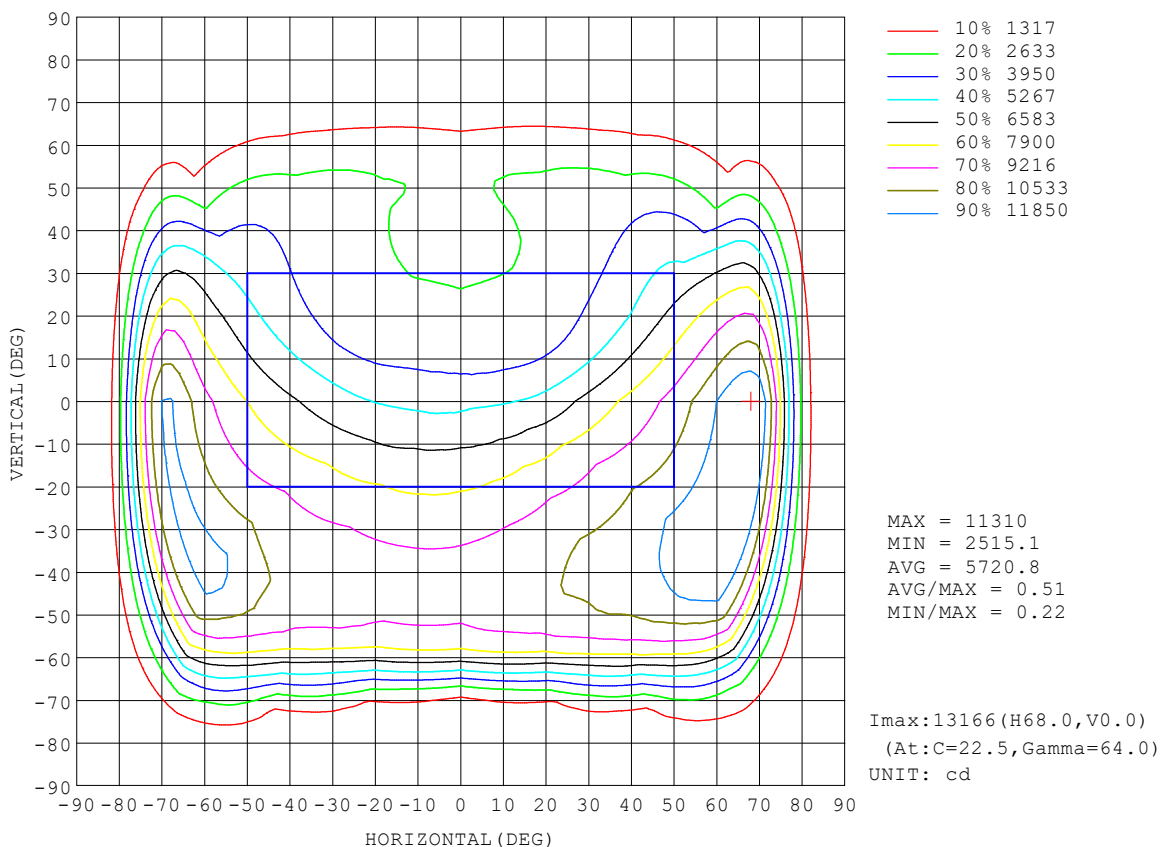
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	505.0	615.7	648.7	604.8	490.6	389.1	358.2	394.8	0- 10	473.0	473.0	1.56,1.56
20	559.6	766.4	780.6	721.6	510.8	331.0	291.9	341.0	10- 20	1472	1945	6.4,6.4
30	686.5	906.4	889.7	838.3	575.6	304.4	252.5	322.1	20- 30	2625	4570	15,15
40	811.0	1027	959.7	948.9	663.7	300.2	242.2	327.9	30- 40	3952	8522	28,28
50	952.1	1097	945.9	1026	770.8	311.3	254.5	340.6	40- 50	5324	13847	45.5,45.5
60	1159	1028	715.1	975.8	938.2	282.4	204.8	292.6	50- 60	6384	20231	66.5,66.5
70	1254	590.1	103.3	583.2	1160	122.5	59.48	128.1	60- 70	5906	26137	86,86
80	233.4	67.86	40.45	69.64	226.5	34.69	28.93	35.87	70- 80	2931	29068	95.6,95.6
90	21.32	26.90	20.27	23.59	19.23	14.80	11.68	16.31	80- 90	471.7	29540	97.1,97.1
100	21.76	20.27	16.16	19.48	20.16	13.49	11.11	14.63	90-100	198.8	29739	97.8,97.8
110	18.37	16.27	13.11	15.75	17.52	12.35	10.93	13.42	100-110	169.4	29908	98.4,98.4
120	15.09	13.66	11.32	12.81	14.73	11.44	10.74	12.43	110-120	136.1	30044	98.8,98.8
130	13.22	12.20	10.45	11.03	13.08	10.76	10.59	11.70	120-130	109.0	30153	99.2,99.2
140	12.50	11.53	10.12	10.10	12.40	10.88	10.36	11.25	130-140	87.53	30241	99.5,99.5
150	12.27	11.52	10.31	9.979	12.27	11.55	10.53	11.12	140-150	69.72	30311	99.7,99.7
160	12.07	11.82	10.86	10.27	12.32	12.94	10.90	11.09	150-160	52.24	30363	99.9,99.9
170	11.89	12.25	11.45	10.65	12.21	13.18	11.59	11.09	160-170	32.91	30396	100,100
180	11.98	12.75	11.77	11.02	12.03	12.79	11.82	11.05	170-180	11.27	30407	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:12 January 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

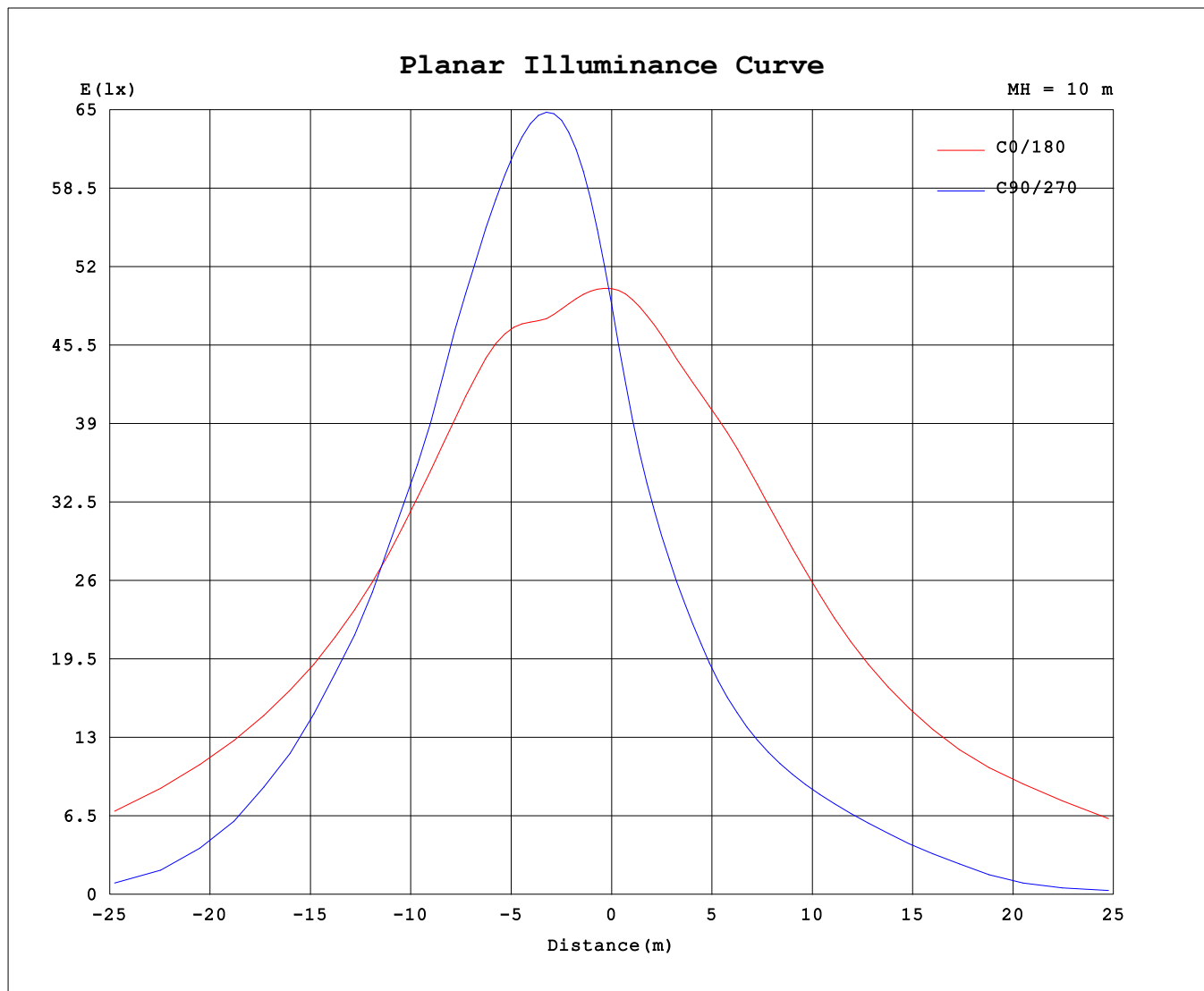
Test:U:276.85V I:0.8512A P:234.72W PF:0.9961 Freq:50.01Hz		
UTHDi:0.23% ITHDi:6.57% KDisp:0.0000 Lamp Flux:30407.1x1 lm		
NAME: JEN-AR07-240W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 53.4*32.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*28.2	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HMS
Test Date:12 January 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

Planar Illuminance Curve



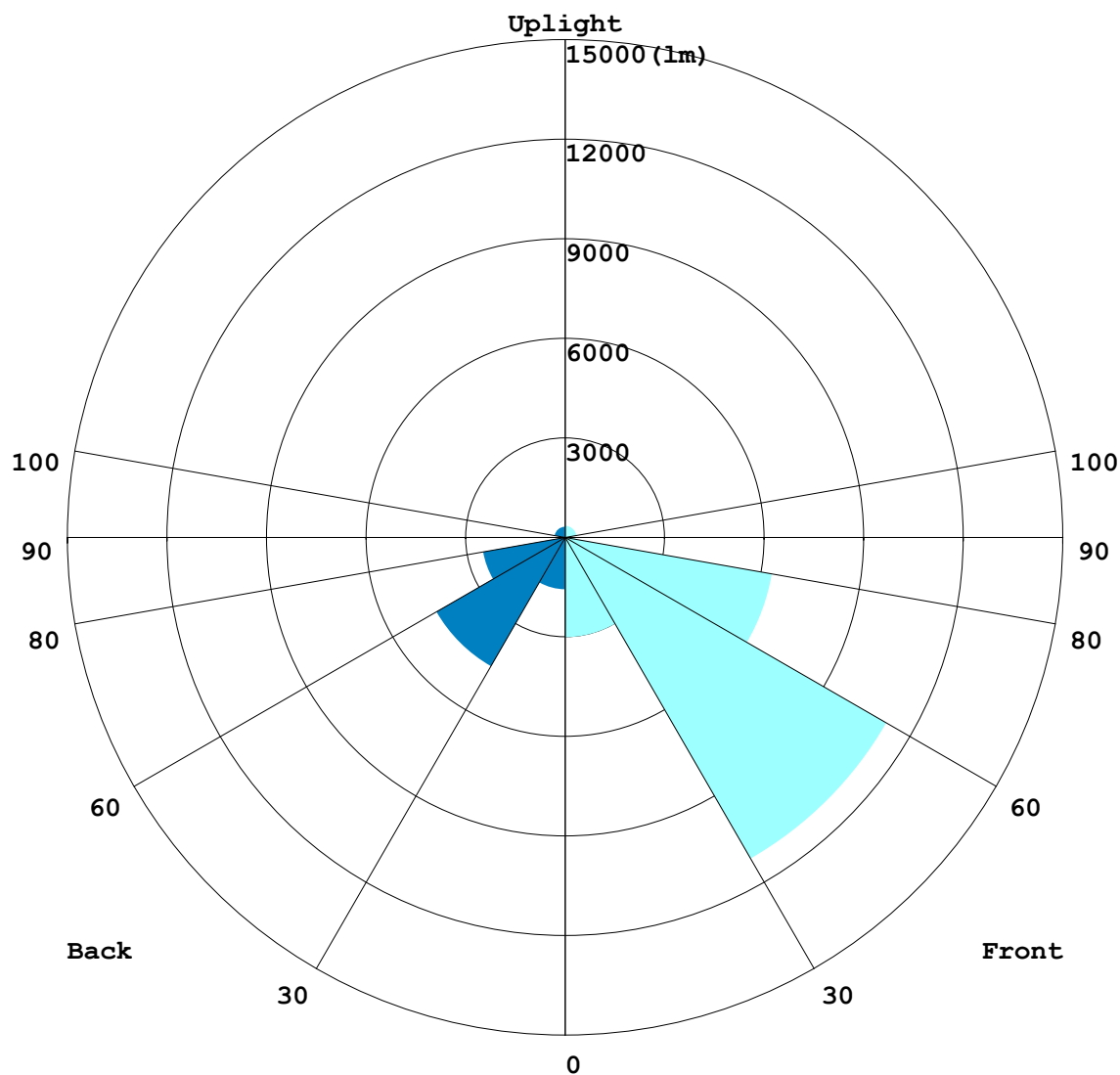
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: HMS
Test Date: 12 January 2023

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 6.040m [K=1.0000]
Remarks:

LCS REPORT

Test:U:276.85V I:0.8512A P:234.72W PF:0.9961 Freq:50.01Hz		
UTHDi:0.23% ITHDi:6.57% KDisp:0.0000 Lamp Flux:30407.1x1 lm		
NAME: JEN-AR07-240W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 53.4*32.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*28.2	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:12 January 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

BUG REPORT

Test:U:276.85V I:0.8512A P:234.72W PF:0.9961 Freq:50.01Hz UTHDi:0.23% ITHDi:6.57% KDisp:0.0000 Lamp Flux:30407.1x1 lm		
NAME: JEN-AR07-240W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 53.4*32.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*28.2	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3007	9.9
FM - Front-Medium(30-60)	11180	36.8
FH - Front-High(60-80)	6328.6	20.8
FVH - Front-Very High(80-90)	320.13	1.1
Total Forward Light	21302	70.1

BL - Back-Low(0-30)	1563.4	5.1
BM - Back-Medium(30-60)	4480.7	14.7
BH - Back-High(60-80)	2508.7	8.3
BVH - Back-Very High(80-90)	151.58	0.5
Total Back Light	9105.4	29.9

UL - Uplight-Low(90-100)	198.78	0.7
UH - Uplight-High(100-180)	668.17	2.2
Total Up Light	866.95	2.9

BUG(Back,Up,Glare) Rating	B4-U4-G4
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	8704.3	401.02	9105.4
Street Side	20836	465.93	21302

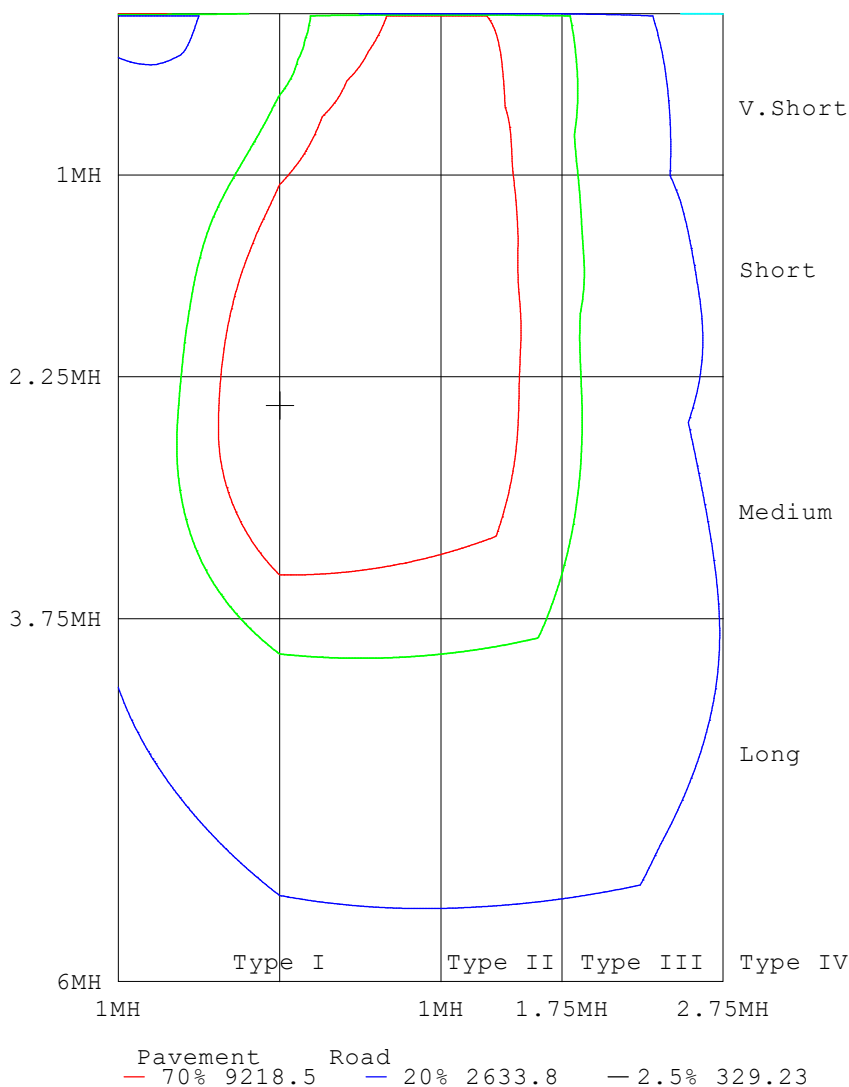
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:HMS
 Test Date:12 January 2023

γ Range: 0 - 180DEG
 γ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity:65.0%
 Test Distance:6.040m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:276.85V I:0.8512A P:234.72W PF:0.9961 Freq:50.01Hz		
UTHDi:0.23% ITHDi:6.57% KDisp:0.0000 Lamp Flux:30407.1x1 lm		
NAME: JEN-AR07-240W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 53.4*32.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*28.2	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:HMS
Test Date:12 January 2023

γ Range: 0 - 180DEG
γ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.040m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:276.85V I:0.8512A P:234.72W PF:0.9961 Freq:50.01Hz		
UTHDi:0.23% ITHDi:6.57% KDisp:0.0000 Lamp Flux:30407.1x1 lm		
NAME: JEN-AR07-240W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 120~277V	DIM.: 53.4*32.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*28.2	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	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490	490			
5	494	518	539	553	557	551	536	515	489	465	445	432	428	433	447	468			
10	505	568	616	643	649	637	605	554	491	432	389	365	358	368	395	442			
15	519	610	673	702	705	690	651	584	495	414	362	335	327	338	369	429			
20	560	692	766	789	781	763	722	639	511	394	331	301	292	304	341	418			
25	606	753	824	842	826	808	769	684	531	388	317	284	274	288	330	421			
30	686	843	906	912	890	871	838	754	576	388	304	266	252	271	322	441			
35	737	899	958	956	927	912	884	800	609	394	301	259	245	266	322	466			
40	811	979	1027	1010	960	970	949	871	664	409	300	256	242	267	328	512			
45	864	1032	1066	1009	961	974	988	921	704	423	304	259	246	271	334	539			
50	952	1114	1097	1011	946	982	1026	999	771	448	311	267	255	279	341	570			
55	1027	1173	1086	957	905	929	1017	1060	828	462	311	264	251	274	335	574			
60	1159	1257	1028	812	715	782	976	1169	938	451	282	224	205	229	293	522			
65	1249	1290	931	604	458	584	892	1241	1062	398	229	169	114	172	232	434			
70	1254	1176	590	219	103	215	583	1186	1160	231	122	68.5	59.5	73.0	128	238			
75	896	916	290	75.5	64.1	74.0	294	969	895	123	70.8	47.3	48.7	48.8	78.5	137			
80	233	279	67.9	46.0	40.4	46.2	69.6	367	227	37.0	34.7	31.0	28.9	31.9	35.9	47.0			
85	68.8	78.8	41.1	33.2	29.4	32.8	36.9	83.7	56.4	24.4	21.1	17.9	16.6	19.0	23.2	30.2			
90	21.3	33.8	26.9	22.3	20.3	21.3	23.6	35.4	19.2	17.3	14.8	12.2	11.7	13.3	16.3	20.0			
95	21.8	23.4	22.5	20.2	18.7	19.7	21.0	22.2	19.9	17.0	14.2	11.7	11.4	12.8	15.5	19.0			
100	21.8	22.8	20.3	17.7	16.2	17.4	19.5	22.0	20.2	16.6	13.5	11.3	11.1	12.4	14.6	17.6			
105	20.7	21.6	18.6	16.1	14.8	15.8	18.0	21.0	19.5	16.0	13.0	11.1	11.0	12.2	14.1	16.5			
110	18.4	18.9	16.3	14.3	13.1	13.9	15.8	18.4	17.5	14.8	12.4	10.9	10.9	12.0	13.4	15.0			
115	16.9	17.3	15.1	13.3	12.3	12.8	14.4	16.7	16.2	14.1	11.9	10.8	10.8	11.8	13.0	14.2			
120	15.1	15.4	13.7	12.2	11.3	11.6	12.8	14.6	14.7	13.1	11.4	10.6	10.7	11.5	12.4	13.1			
125	14.2	14.5	13.0	11.7	10.9	11.0	12.0	13.5	14.0	12.5	11.1	10.5	10.7	11.4	12.1	12.5			
130	13.2	13.4	12.2	11.2	10.4	10.4	11.0	12.2	13.1	11.9	10.8	10.4	10.6	11.2	11.7	11.8			
135	12.8	12.9	11.8	11.0	10.3	10.04	10.6	11.6	12.7	11.7	10.7	10.3	10.5	11.1	11.5	11.5			
140	12.5	12.4	11.5	10.9	10.1	9.78	10.10	11.1	12.4	11.8	10.9	10.4	10.4	10.9	11.2	11.2			
145	12.4	12.3	11.5	10.9	10.1	9.72	9.98	11.0	12.3	11.9	11.1	10.5	10.4	10.8	11.2	11.1			
150	12.3	12.1	11.5	11.1	10.3	9.79	9.98	11.0	12.3	12.0	11.6	10.8	10.5	10.8	11.1	11.1			
155	12.2	12.0	11.6	11.2	10.5	9.93	10.07	10.9	12.3	12.2	12.1	11.1	10.7	10.8	11.1	11.1			
160	12.1	11.9	11.8	11.6	10.9	10.2	10.3	10.9	12.3	12.6	12.9	11.8	10.9	10.9	11.1	11.2			
165	12.0	12.0	12.0	11.9	11.1	10.4	10.4	10.9	12.3	12.8	13.2	12.2	11.2	11.0	11.1	11.3			
170	11.9	12.0	12.2	12.2	11.5	10.8	10.6	10.9	12.2	12.7	13.2	12.6	11.6	11.2	11.1	11.3			
175	11.9	12.1	12.4	12.4	11.6	11.0	10.8	11.0	12.2	12.6	13.1	12.7	11.7	11.3	11.1	11.2			
180	12.0	12.3	12.7	12.7	11.8	11.3	11.0	11.1	12.0	12.3	12.8	12.7	11.8	11.2	11.0	11.1			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:HMS

Test Date:12 January 2023

γ Range: 0 - 180DEG

γ Interval: 2.0DEG

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

Humidity:65.0%

Test Distance:6.040m [K=1.0000]

Remarks: