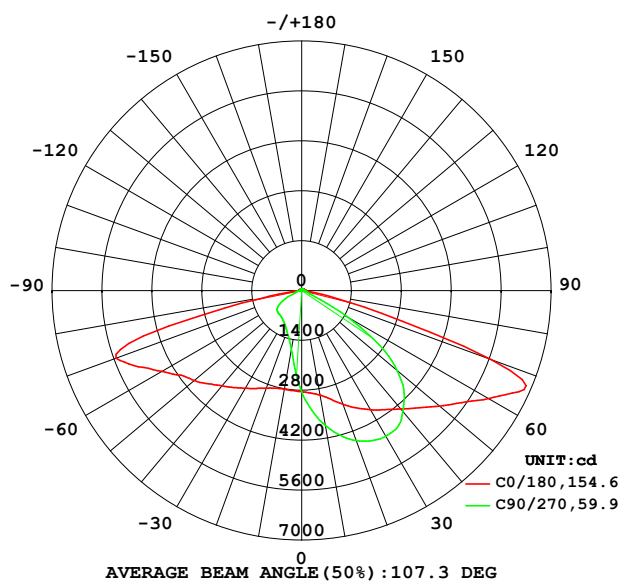
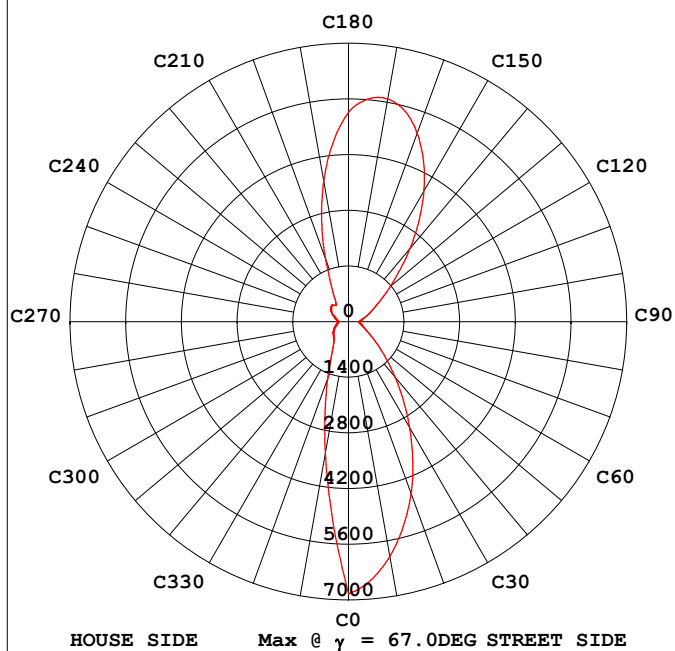


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.93V I:0.8224A P:98.181W PF:0.9954 Freq:60.70Hz		
UTHDi:0.19% ITHDi:5.99% KDisp:-0.0000		Lamp Flux:12865.9x1 lm
NAME: JEN-AR07-100W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 30.6*29.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*14.1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 131.04 lm/W			
MODE: JEN-AR07-100W-X-XXX(XXX)		I _{max} (cd)	6842	η street_up (%)	1.4
NOMINAL POWER (W)	100	LOR (%)	100.0	η street_down (%)	67.7
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	12866	η house_up (%)	1.3
NOMINAL FLUX (lm)	12865.9	MAXIMUM @ (C, γ)	0, 67.0	η house_down (%)	29.6
LAMPS INSIDE	1	η up (%)	2.7	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	η down (%)	97.3	SLI	21.804

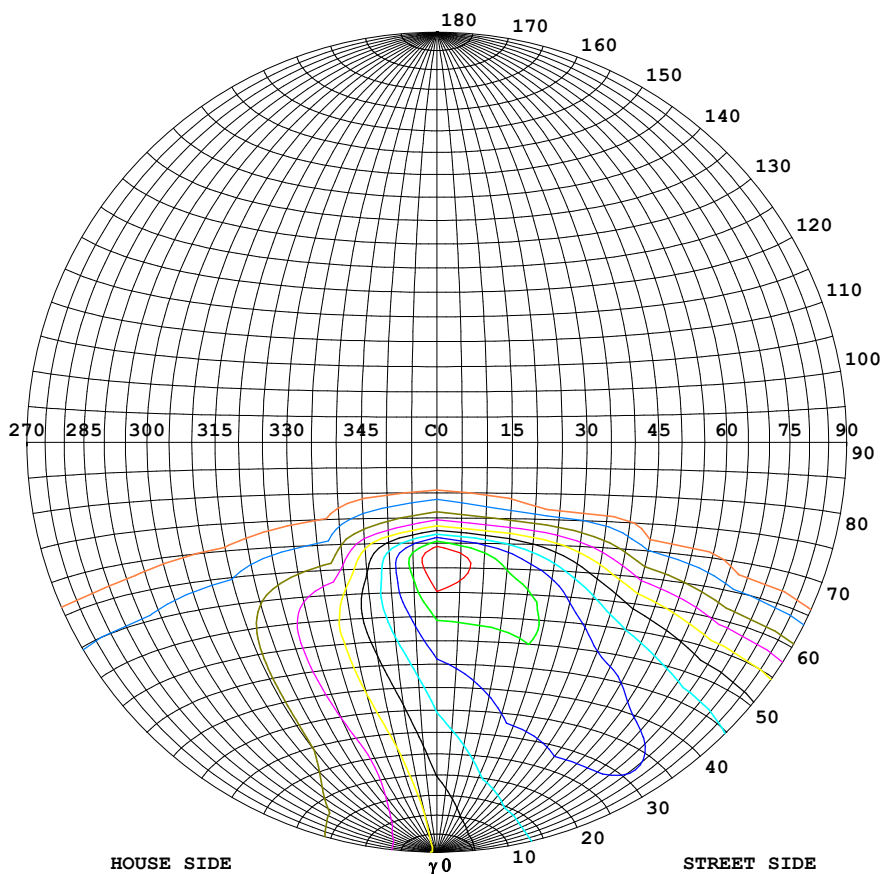
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 25.3 °C
 Operators: HMS
 Test Date: 2022-10-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 6.070m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:119.93V I:0.8224A P:98.181W PF:0.9954 Freq:60.70Hz		
UTHDi:0.19% ITHDi:5.99% KDisp:-0.0000 Lamp Flux:12865.9x1 lm		
NAME: JEN-AR07-100W-X-XXK(XXX)	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 30.6*29.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*14.1	Shielding Angle:



Classification:

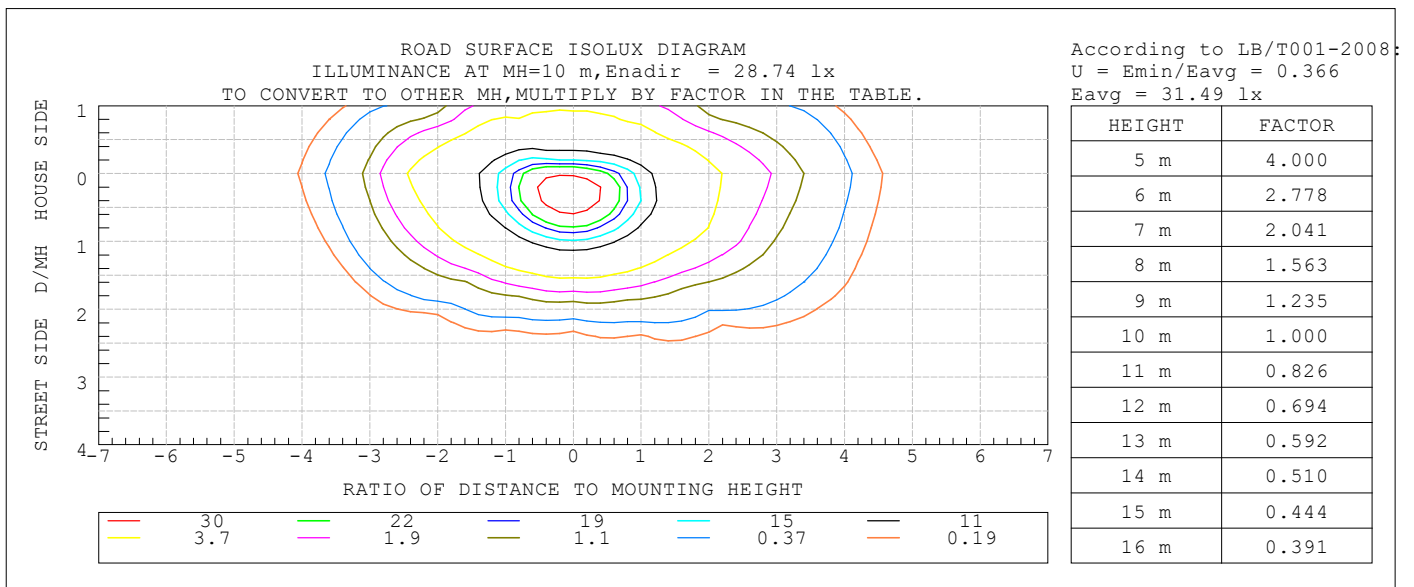
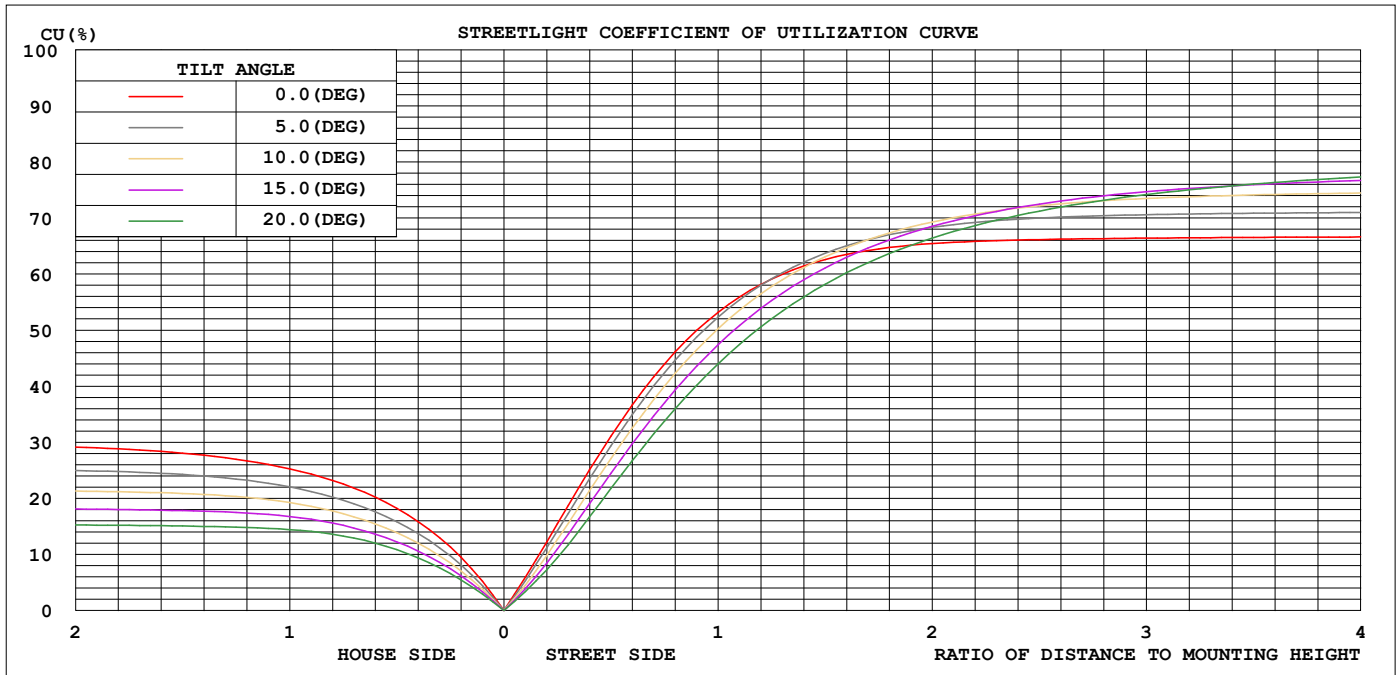
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:70.50cd/klm
Max.At90:8.692cd/klm
Max.80-90:70.50cd/klm
NRB 5101:Limited[5.1%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	6842
90%	6158
80%	5473
70%	4789
60%	4105
50%	3421
40%	2737
30%	2053
20%	1368
10%	684
5%	342

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:HMS
Test Date:2022-10-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.070m [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: 2022-10-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity: 65.0%
Test Distance: 6.070m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

Test:U:119.93V I:0.8224A P:98.181W PF:0.9954 Freq:60.70Hz		
UTHDi:0.19% ITHDi:5.99% KDisp:-0.0000 Lamp Flux:12865.9x1 lm		
NAME: JEN-AR07-100W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 30.6*29.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*14.1	Shielding Angle:

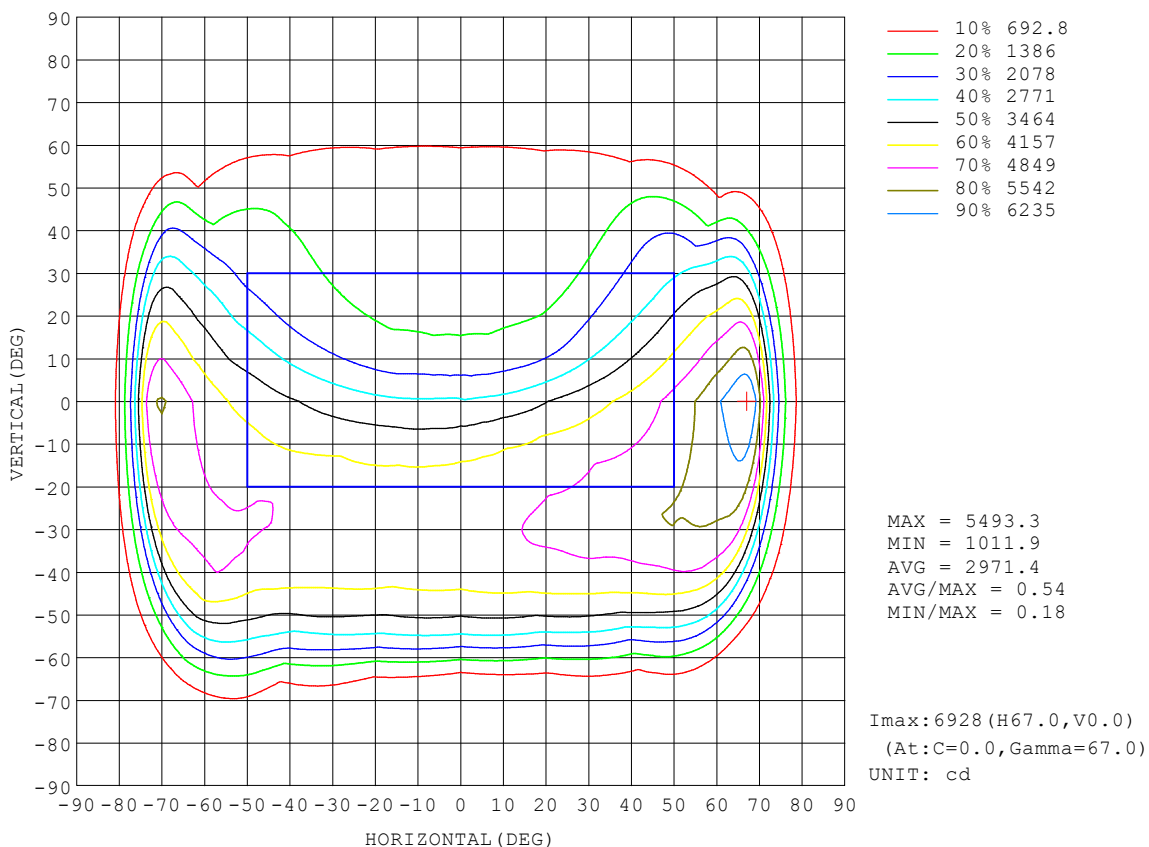
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	2979	3696	3842	3579	2811	1955	1692	2021	0- 10	269.1	269.1	2.09,2.09
20	3395	4396	4479	4170	2914	1455	1220	1553	10- 20	816.5	1086	8.44,8.44
30	3863	4807	4721	4565	3166	1254	1010	1377	20- 30	1398	2483	19.3,19.3
40	4339	4953	4424	4721	3491	1183	926.2	1325	30- 40	1971	4455	34.6,34.6
50	5047	4554	3499	4468	3929	1166	897.3	1305	40- 50	2437	6892	53.6,53.6
60	6065	3191	1487	3358	4539	1004	666.1	1018	50- 60	2591	9483	73.7,73.7
70	5653	690.4	216.7	1158	5541	416.5	209.5	375.8	60- 70	2078	11561	89.9,89.9
80	407.7	138.5	100.8	148.2	907.1	125.9	97.00	115.7	70- 80	830.1	12391	96.3,96.3
90	94.74	93.55	75.21	91.87	88.62	59.62	45.82	66.65	80- 90	121.3	12513	97.3,97.3
100	91.77	74.57	58.66	75.07	87.27	55.01	44.28	60.88	90-100	79.66	12592	97.9,97.9
110	73.55	60.84	48.05	59.57	74.22	51.42	44.77	57.68	100-110	67.41	12660	98.4,98.4
120	61.06	52.83	41.89	48.78	62.69	48.76	45.64	54.92	110-120	54.93	12715	98.8,98.8
130	54.12	48.66	39.00	42.27	55.62	46.77	46.18	52.83	120-130	44.87	12759	99.2,99.2
140	52.06	47.17	38.48	38.99	53.10	46.42	45.78	51.02	130-140	36.48	12796	99.5,99.5
150	51.87	47.75	40.29	39.34	53.72	48.88	45.55	49.96	140-150	29.25	12825	99.7,99.7
160	51.92	49.59	43.63	41.66	54.68	51.58	46.83	49.68	150-160	22.03	12847	99.9,99.9
170	52.07	51.69	46.75	44.52	54.28	53.21	48.18	48.97	160-170	13.91	12861	100,100
180	53.16	53.22	48.43	47.32	53.17	53.22	48.47	47.33	170-180	4.774	12866	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:HMS
Test Date:2022-10-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.070m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

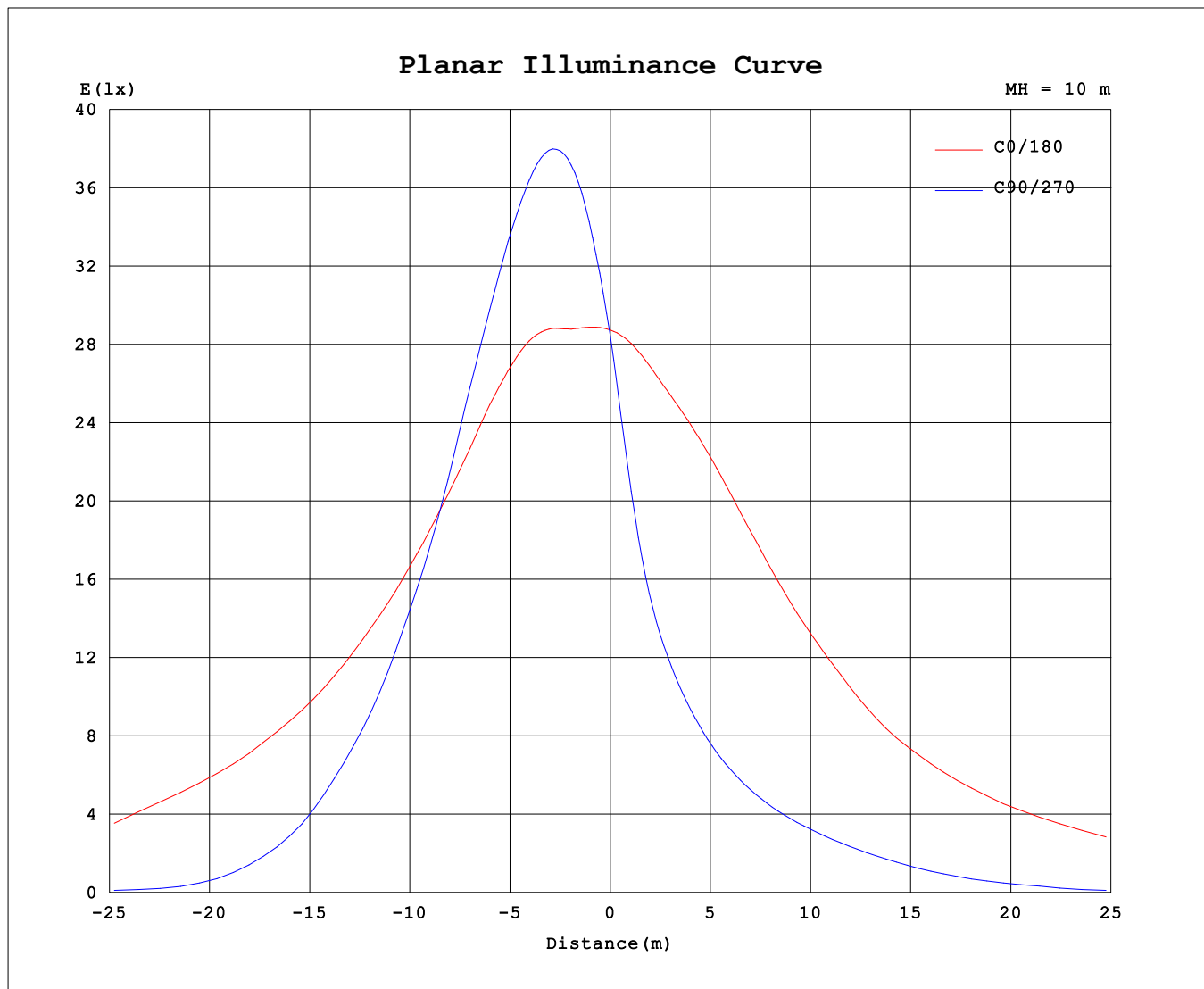
Test:U:119.93V I:0.8224A P:98.181W PF:0.9954 Freq:60.70Hz		
UTHDi:0.19% ITHDi:5.99% KDisp:-0.0000 Lamp Flux:12865.9x1 lm		
NAME: JEN-AR07-100W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 30.6*29.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*14.1	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 25.3°C
 Operators: HMS
 Test Date: 2022-10-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 6.070m [K=1.0000]
 Remarks:

Planar Illuminance Curve



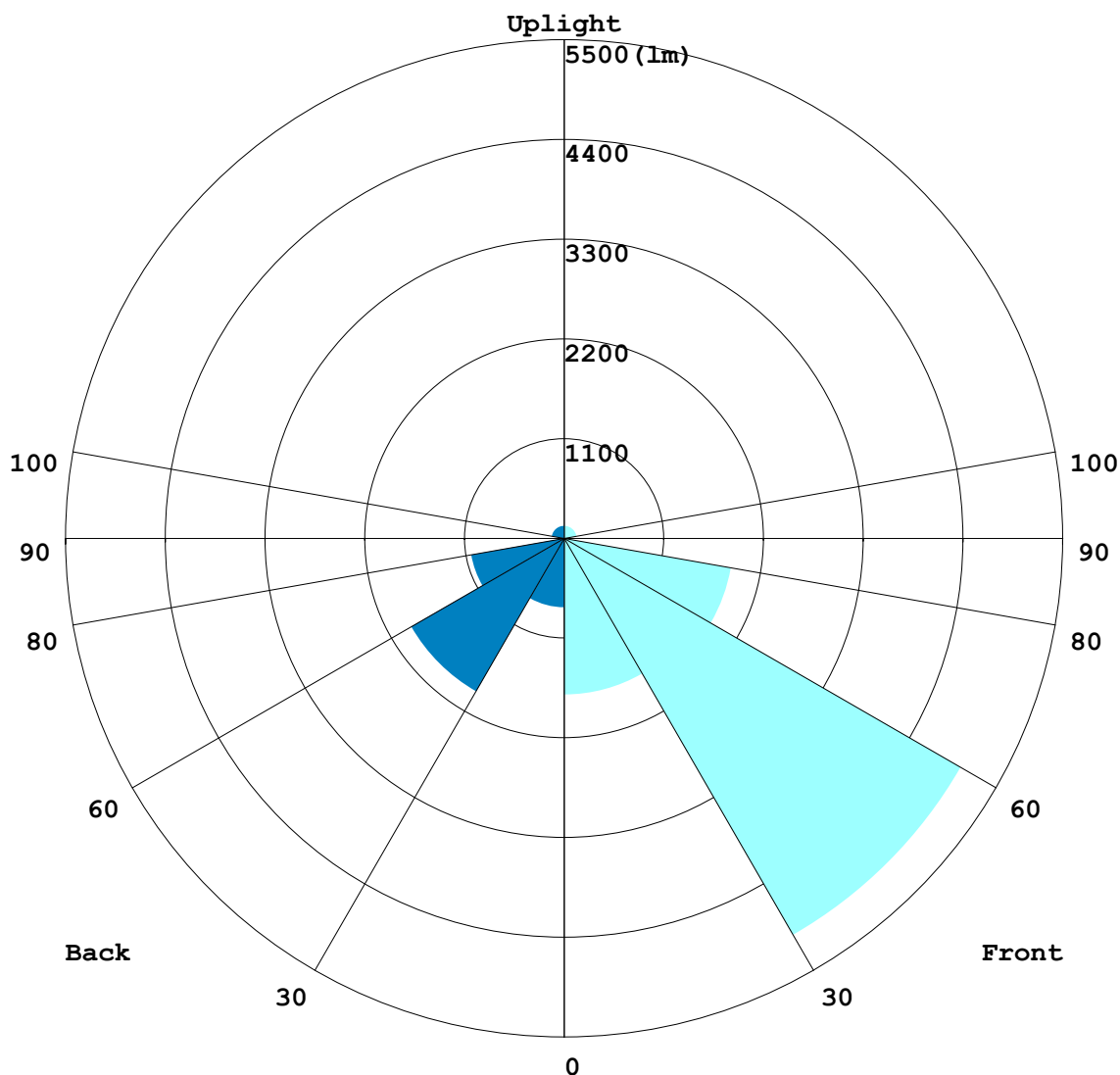
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 25.3 °C
 Operators: HMS
 Test Date: 2022-10-18

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.458
 Humidity: 65.0%
 Test Distance: 6.070m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:119.93V I:0.8224A P:98.181W PF:0.9954 Freq:60.70Hz		
UTHDi:0.19% ITHDi:5.99% KDisp:-0.0000		Lamp Flux:12865.9x1 lm
NAME: JEN-AR07-100W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 30.6*29.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*14.1	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:2022-10-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.070m [K=1.0000]
Remarks:

BUG REPORT

Test:U:119.93V I:0.8224A P:98.181W PF:0.9954 Freq:60.70Hz UTHDi:0.19% ITHDi:5.99% KDisp:-0.0000 Lamp Flux:12865.9x1 lm		
NAME: JEN-AR07-100W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 30.6*29.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*14.1	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1721.4	13.4
FM - Front-Medium(30-60)	5051.9	39.3
FH - Front-High(60-80)	1868.5	14.5
FVH - Front-Very High(80-90)	64.552	0.5
Total Forward Light	8888.5	69.1

BL - Back-Low(0-30)	762.12	5.9
BM - Back-Medium(30-60)	1947.4	15.1
BH - Back-High(60-80)	1039.9	8.1
BVH - Back-Very High(80-90)	56.784	0.4
Total Back Light	3977.4	30.9

UL - Uplight-Low(90-100)	79.66	0.6
UH - Uplight-High(100-180)	273.65	2.1
Total Up Light	353.31	2.7

BUG(Back,Up,Glare) Rating	B3-U3-G3
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3806.2	171.14	3977.4
Street Side	8706.3	182.17	8888.5

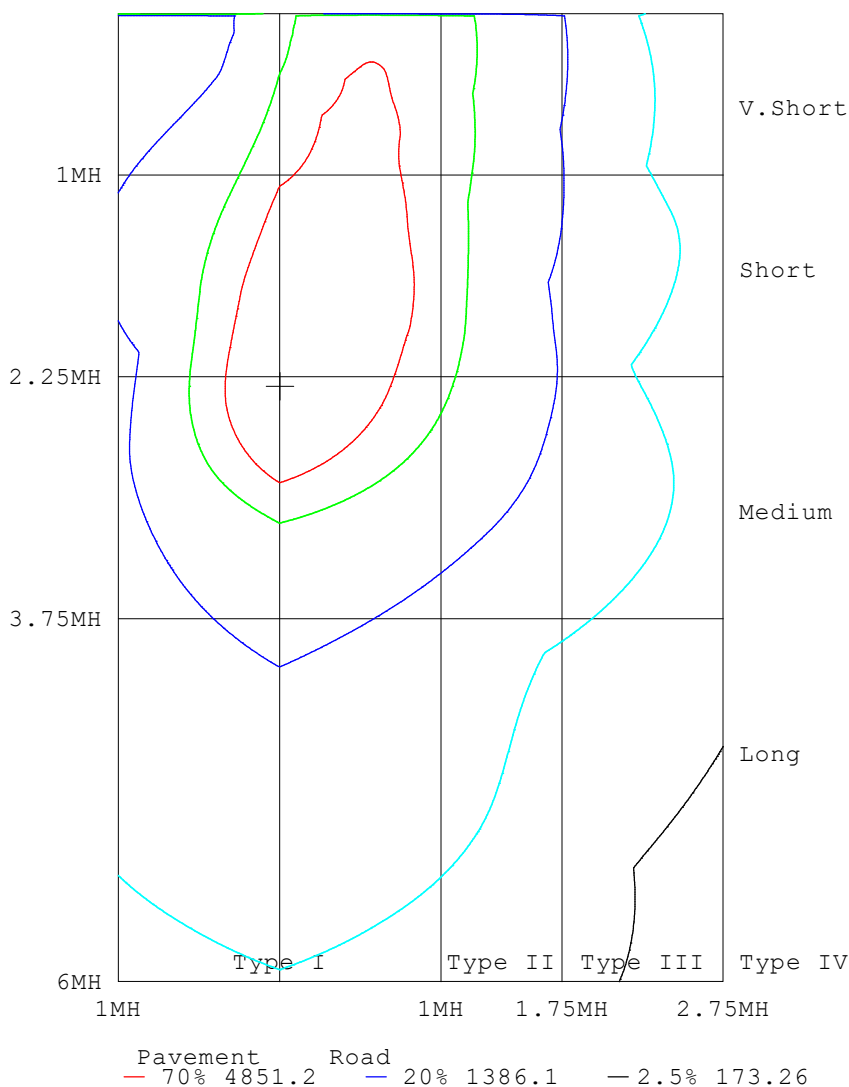
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:HMS
Test Date:2022-10-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.070m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.93V I:0.8224A P:98.181W PF:0.9954 Freq:60.70Hz		
UTHDi:0.19% ITHDi:5.99% KDisp:-0.0000 Lamp Flux:12865.9x1 lm		
NAME: JEN-AR07-100W-X-XXX(XXX)	TYPE:	WEIGHT:
SPEC.: 100~277V	DIM.: 30.6*29.1	SERIAL No.: 01
MFR.: EVERFINE	SUR.: 29.2*14.1	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:HMS
Test Date:2022-10-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.070m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.93V I:0.8224A P:98.181W PF:0.9954 Freq:60.70Hz UTHDi:0.19% ITHDi:5.99% KDisp:-0.0000 Lamp Flux:12865.9x1 lm																	
NAME: JEN-AR07-100W-X-XXX(XXX)									TYPE:						WEIGHT:		
SPEC.: 100~277V									DIM.: 30.6*29.1						SERIAL No.: 01		
MFR.: EVERFINE									SUR.: 29.2*14.1						Shielding Angle:		

Table--1

UNIT: cd

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	2839	2839	2839	2839	2839	2839	2839	2839	2839	2839	2839	2839	2839	2839	2839	2839			
5	2886	3100	3259	3360	3378	3341	3223	3046	2819	2587	2380	2238	2199	2250	2405	2633			
10	2979	3413	3696	3837	3842	3779	3579	3252	2811	2326	1955	1739	1692	1772	2021	2445			
15	3159	3763	4089	4225	4205	4124	3901	3481	2837	2109	1651	1447	1399	1478	1738	2303			
20	3395	4085	4396	4522	4479	4400	4170	3735	2914	1954	1455	1269	1220	1298	1553	2226			
25	3632	4363	4637	4708	4647	4588	4396	3973	3032	1858	1334	1149	1096	1173	1440	2227			
30	3863	4607	4807	4812	4721	4699	4565	4186	3166	1813	1254	1064	1010	1094	1377	2318			
35	4079	4832	4917	4818	4688	4717	4676	4380	3321	1803	1206	1013	957	1049	1338	2457			
40	4339	5046	4953	4659	4424	4591	4721	4566	3491	1817	1183	984	926	1027	1325	2585			
45	4652	5247	4882	4305	4073	4249	4696	4754	3701	1851	1173	966	915	1019	1324	2692			
50	5047	5423	4554	3784	3499	3796	4468	4965	3929	1891	1166	950	897	1001	1305	2772			
55	5483	5500	4054	3014	2657	3061	4073	5028	4140	1857	1131	893	830	919	1229	2780			
60	6065	5372	3191	1857	1487	2011	3358	5088	4539	1819	1004	734	666	728	1018	2478			
65	6716	4728	1878	751	434	921	2324	4966	5056	1514	733	508	445	482	667	1640			
70	5653	3153	690	251	217	298	1158	4235	5541	939	417	279	210	272	376	777			
75	1833	912	213	174	146	178	327	2505	3868	414	221	162	156	165	204	355			
80	408	173	139	114	101	112	148	683	907	183	126	107	97.0	102	116	170			
85	103	109	102	91.3	83.9	90.0	95.6	126	174	85.9	71.5	55.3	49.2	57.6	73.2	98.3			
90	94.7	101	93.5	82.1	75.2	82.5	91.9	112	88.6	71.3	59.6	48.5	45.8	53.0	66.7	85.6			
95	96.2	97.4	83.6	72.4	66.1	72.4	82.6	91.7	86.6	71.0	57.1	46.7	44.7	51.5	63.2	80.7			
100	91.8	90.2	74.6	64.4	58.7	64.1	75.1	89.1	87.3	70.0	55.0	45.6	44.3	50.7	60.9	75.5			
105	82.5	80.6	66.8	58.1	52.7	56.7	66.9	82.2	82.0	67.1	53.1	45.0	44.4	50.4	59.2	70.0			
110	73.5	72.1	60.8	53.3	48.1	50.7	59.6	73.1	74.2	63.3	51.4	44.7	44.8	50.5	57.7	65.2			
115	66.5	65.4	56.3	49.5	44.5	46.1	53.5	65.0	67.7	59.8	49.9	44.7	45.3	50.5	56.3	61.1			
120	61.1	60.4	52.8	46.7	41.9	42.6	48.8	58.4	62.7	56.7	48.8	44.8	45.6	50.4	54.9	57.9			
125	57.0	56.8	50.4	44.8	40.1	40.0	45.1	53.2	58.7	53.9	47.8	45.0	45.9	50.2	53.8	55.2			
130	54.1	54.2	48.7	43.5	39.0	38.2	42.3	48.7	55.6	51.4	46.8	45.1	46.2	50.1	52.8	53.0			
135	52.6	52.5	47.6	42.9	38.5	37.0	40.3	45.7	53.6	50.2	46.2	45.1	46.1	49.9	51.8	51.3			
140	52.1	51.5	47.2	42.9	38.5	36.5	39.0	44.4	53.1	50.3	46.4	44.9	45.8	49.3	51.0	50.3			
145	51.9	51.0	47.2	43.5	39.1	36.6	38.8	44.3	53.4	51.3	47.5	45.2	45.5	48.7	50.4	49.7			
150	51.9	50.8	47.8	44.6	40.3	37.4	39.3	44.5	53.7	52.2	48.9	46.1	45.5	48.4	50.0	49.3			
155	51.9	50.8	48.6	46.1	41.8	38.8	40.4	44.8	54.1	53.0	50.3	47.3	46.1	48.3	49.8	49.5			
160	51.9	50.9	49.6	47.8	43.6	40.5	41.7	45.2	54.7	53.8	51.6	48.8	46.8	48.6	49.7	49.6			
165	51.9	51.2	50.7	49.6	45.4	42.3	43.1	45.6	54.7	54.0	52.5	50.1	47.6	48.8	49.4	49.3			
170	52.1	51.6	51.7	51.0	46.7	44.0	44.5	46.1	54.3	53.8	53.2	51.3	48.2	48.9	49.0	48.9			
175	52.7	52.3	52.6	52.0	47.7	45.7	45.9	46.9	53.7	53.5	53.5	52.1	48.5	48.4	48.4	48.4			
180	53.2	52.9	53.2	52.4	48.4	47.4	47.3	47.7	53.2	52.9	53.2	52.4	48.5	47.5	47.3	47.8			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:25.3℃
Operators:HMS
Test Date:2022-10-18

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.458
Humidity:65.0%
Test Distance:6.070m [K=1.0000]
Remarks: