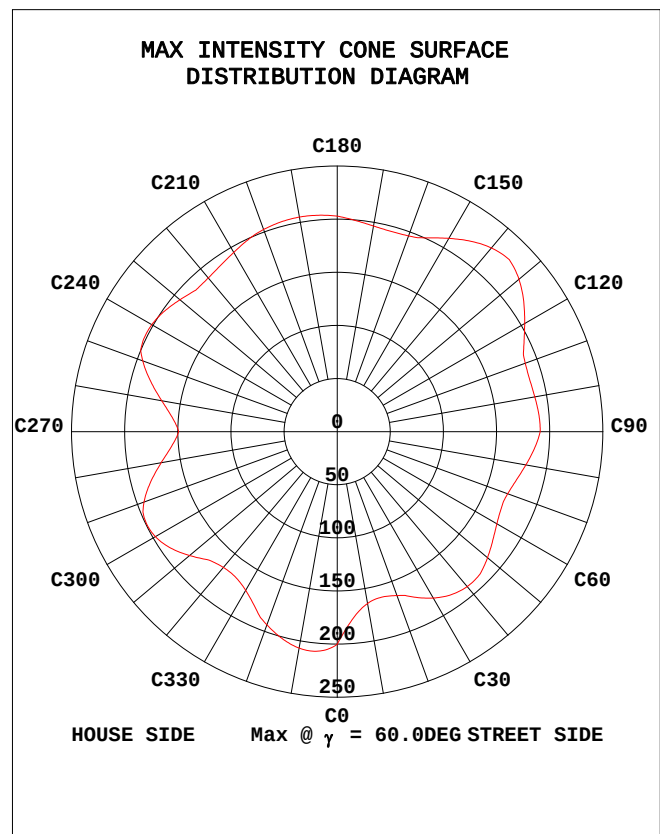
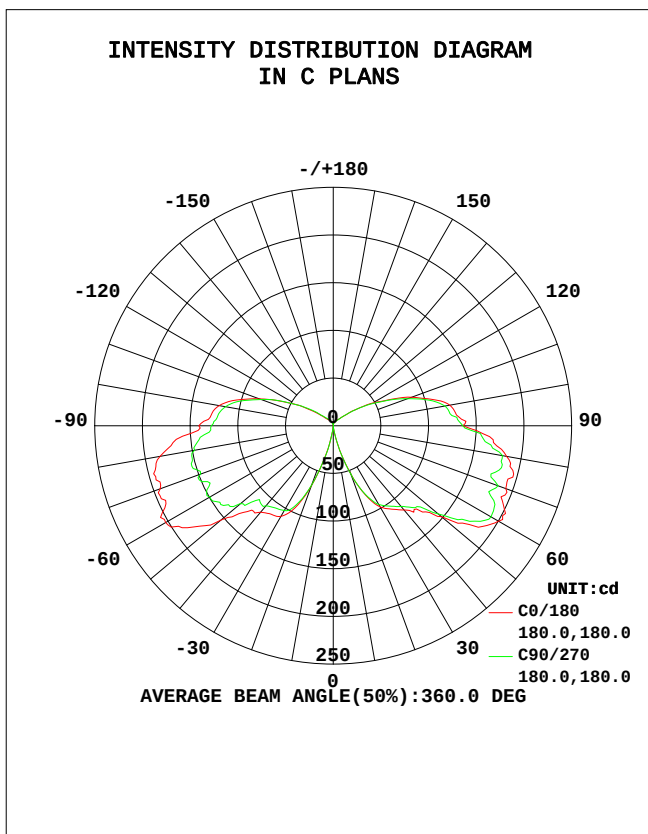


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.96V I:0.1880A P:22.416W PF:0.9939 Freq:59.98Hz Lamp Flux:1300.84x1 lm		
NAME: DD147 GD331 22W 3K 圆形平顶格栅	TYPE:	WEIGHT: 2.5kg
SPEC.:	DIM.:	SERIAL No.: 001
MFR.: EVERFINE	SUR.: 0.295*1.195	Shielding Angle:

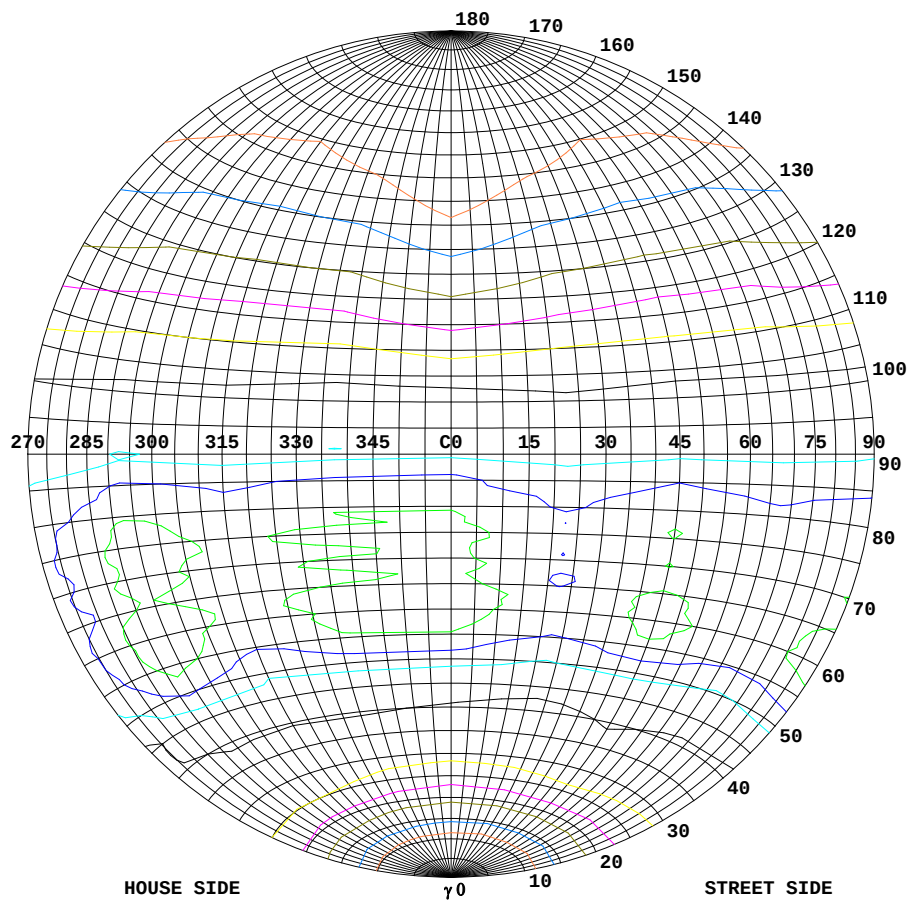
DATA OF LAMP		PHOTOMETRIC DATA Eff: 58.03 lm/W			
MODEL		I _{max} (cd)	229.0	η street_up(%)	14.9
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	35.1
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1301	η house_up(%)	14.7
NOMINAL FLUX(lm)	1300.84	MAXIMUM @(C,γ)	135,60.0	η house_down(%)	35.3
LAMPS INSIDE	1	η up(%)	29.6	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)	220	η down(%)	70.4	SLI	20.009



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.270m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

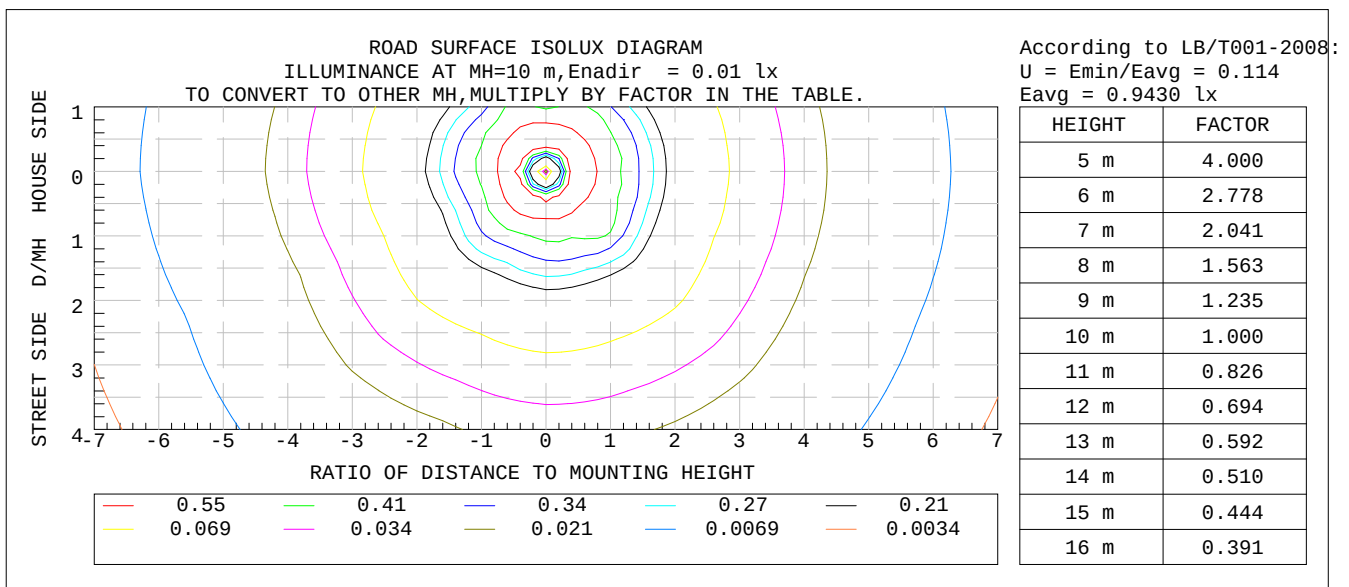
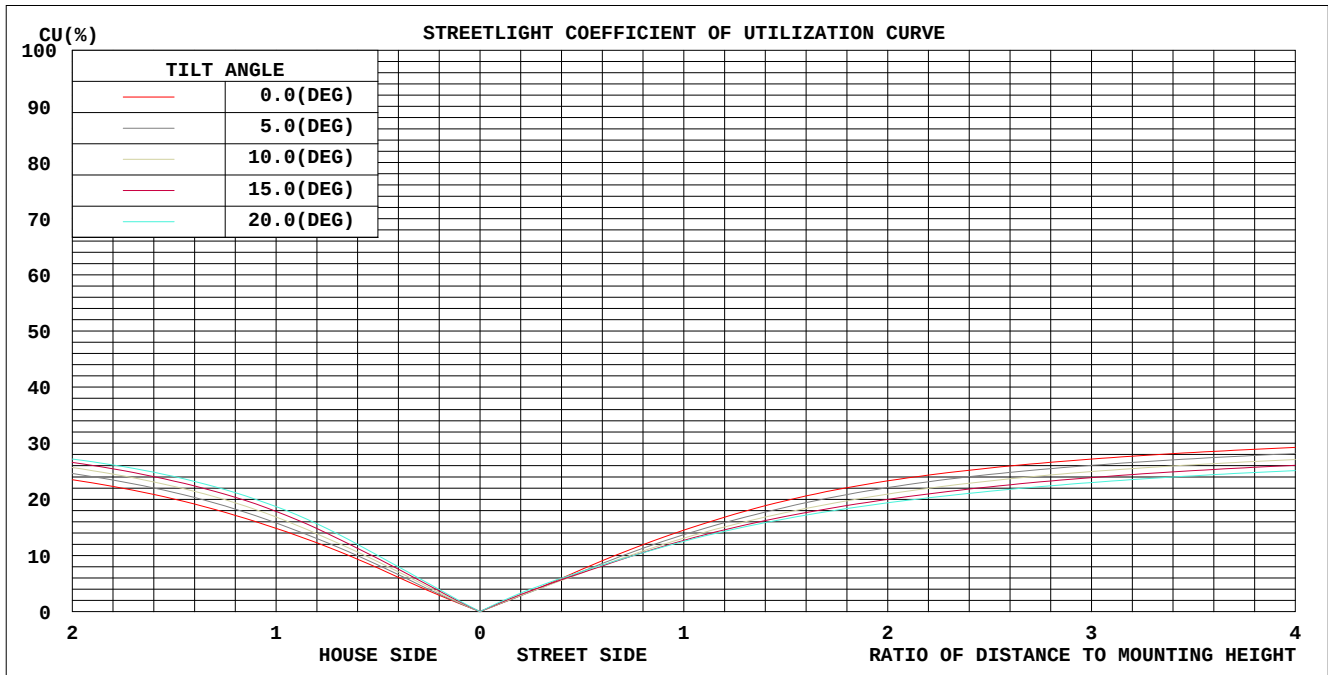
IES:Type V - Short
 CIE:Broad - Intermediate
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:145.5cd/klm
 Max.At90:108.5cd/klm
 Max.80-90:145.5cd/klm
 NRB 5101:Semi limited[14.9%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	229
90%	206
80%	183
70%	160
60%	137
50%	114
40%	92
30%	69
20%	46
10%	23
5%	11

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.270m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity: 65.0%
Test Distance: 8.270m [K=1.0000]
Remarks:

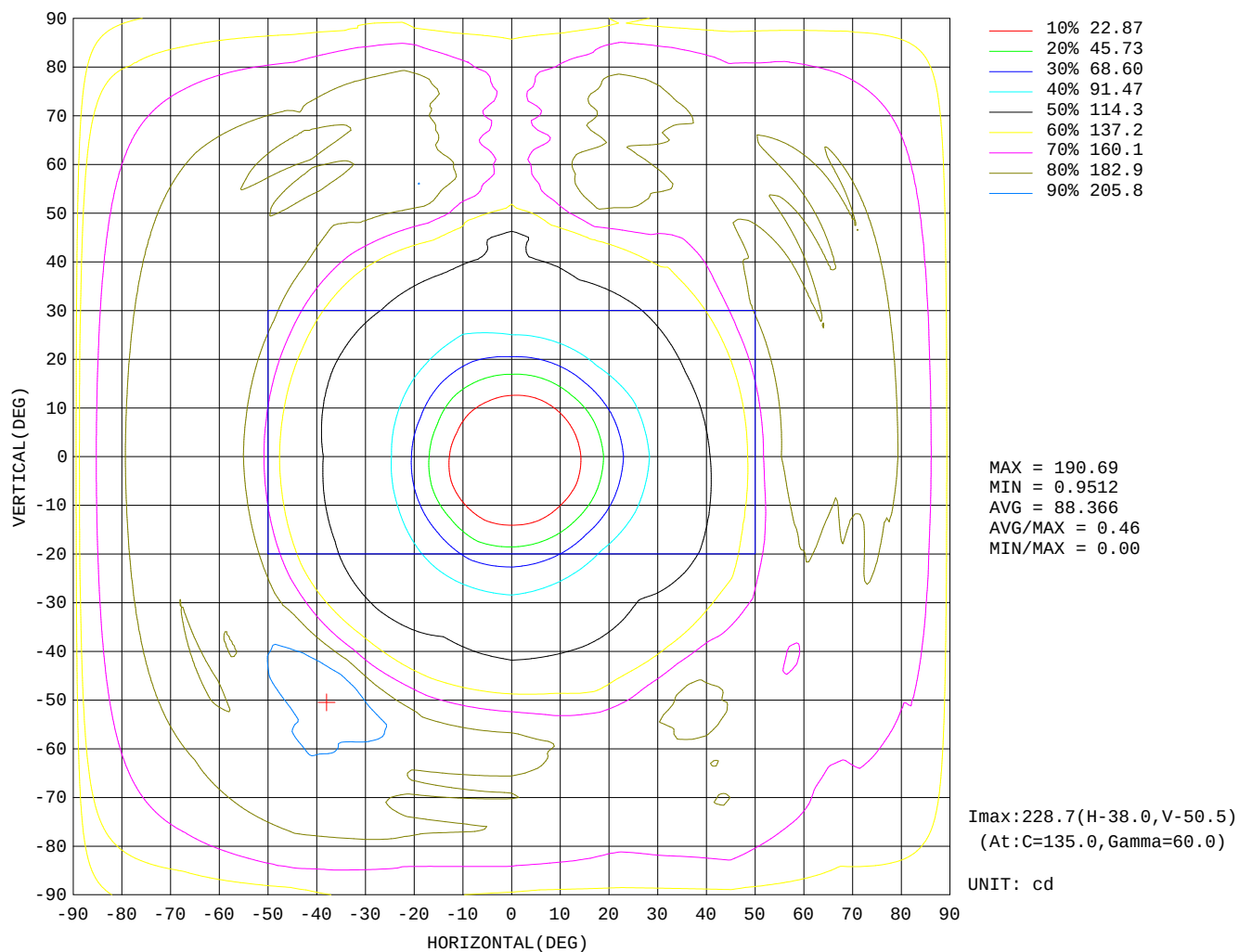
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
10	7.271	6.985	7.253	7.823	10.23	11.77	10.65	8.433	0- 10	0.3320	0.3320	0.03,0.03
20	53.36	55.76	54.07	58.75	66.45	64.11	65.68	60.89	10- 20	9.749	10.08	0.77,0.77
30	98.37	103.9	95.29	97.88	109.7	103.7	102.6	104.5	20- 30	39.49	49.57	3.81,3.81
40	115.4	115.7	110.5	110.7	118.3	114.9	109.7	115.5	30- 40	67.41	117.0	8.99,8.99
50	148.4	148.4	143.9	163.9	154.0	150.9	127.1	139.8	40- 50	98.46	215.4	16.6,16.6
60	200.0	189.8	191.1	229.0	202.9	188.5	149.3	170.9	50- 60	157.1	372.5	28.6,28.6
70	192.7	183.6	184.0	201.4	193.0	178.1	148.1	172.4	60- 70	183.3	555.8	42.7,42.7
80	184.4	176.6	180.2	189.3	184.2	169.5	147.6	171.0	70- 80	190.9	746.7	57.4,57.4
90	136.0	134.1	135.9	136.2	141.1	136.5	127.9	133.7	80- 90	169.0	915.7	70.4,70.4
100	124.3	120.1	119.0	116.3	121.7	120.0	114.8	119.2	90-100	138.0	1054	81,81
110	87.64	94.71	83.38	90.44	82.85	91.37	80.76	92.05	100-110	111.8	1166	89.6,89.6
120	48.27	63.12	45.82	59.76	44.03	59.36	44.29	60.67	110-120	71.33	1237	95.1,95.1
130	19.73	36.04	19.94	33.44	17.64	32.49	20.05	33.93	120-130	37.12	1274	97.9,97.9
140	9.104	18.18	8.822	16.71	8.606	16.68	10.12	17.67	130-140	15.67	1290	99.1,99.1
150	6.258	11.36	5.610	10.28	5.393	10.57	6.232	11.18	140-150	6.903	1297	99.7,99.7
160	3.703	6.404	3.817	5.601	4.006	5.650	3.499	6.085	150-160	3.075	1300	99.9,99.9
170	2.355	2.489	2.228	2.185	2.184	2.195	2.094	2.353	160-170	1.030	1301	100,100
180	1.121	1.096	1.134	1.102	1.116	1.085	1.134	1.102	170-180	0.1670	1301	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.270m [K=1.0000]
Remarks:

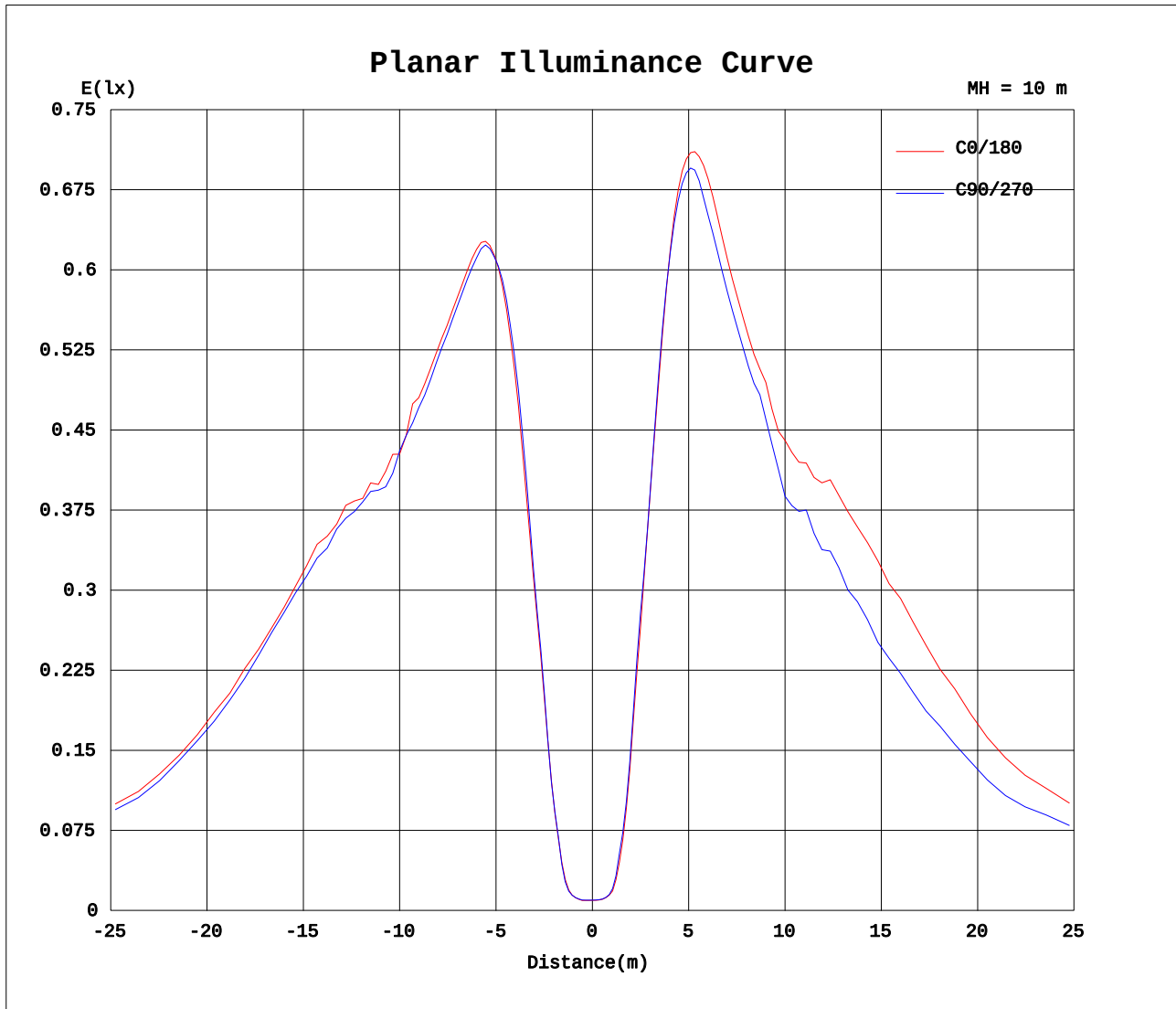
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.270m [K=1.0000]
Remarks:

Planar Illuminance Curve



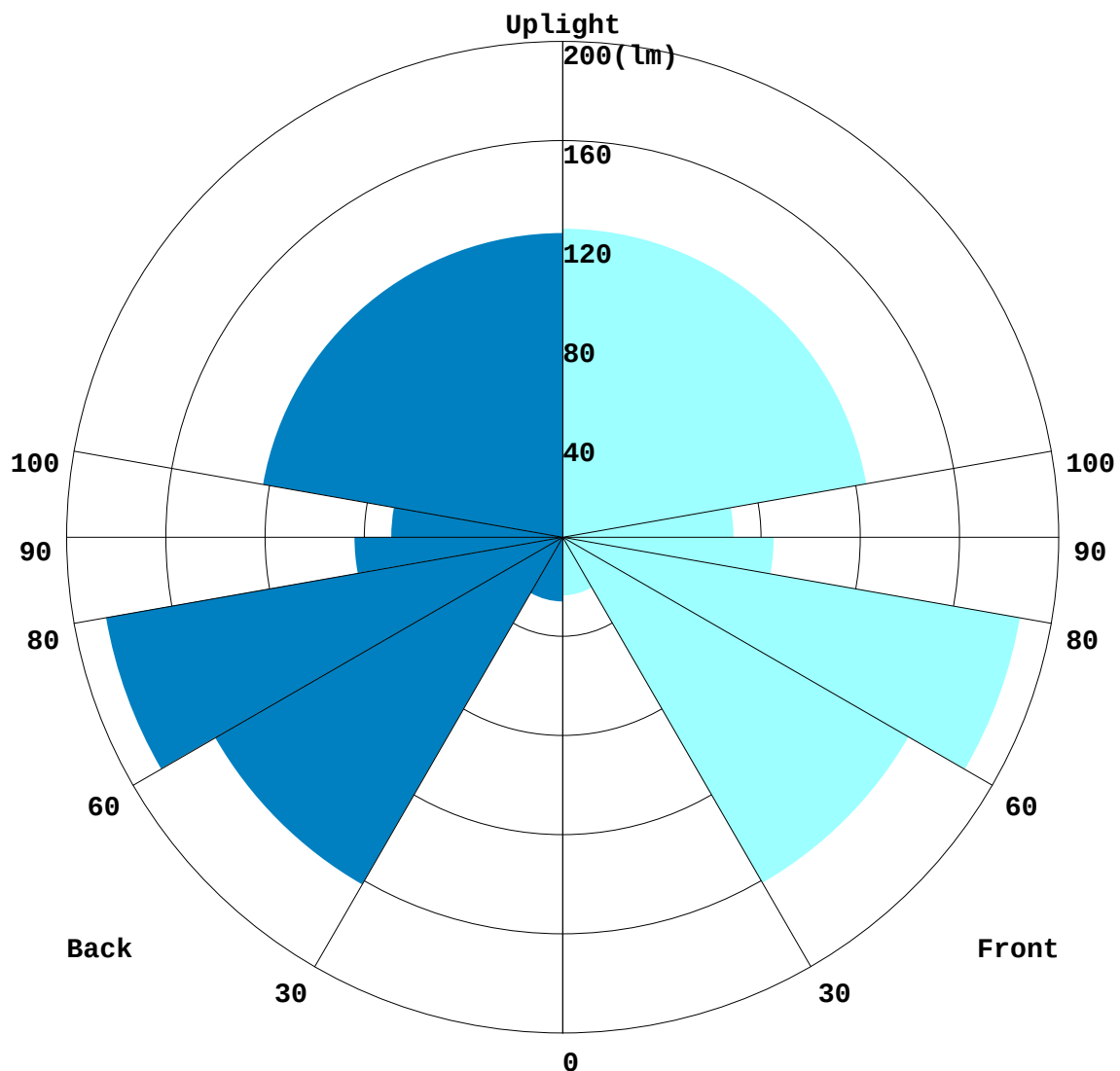
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: DAMIN
Test Date: 2021-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity: 65.0%
Test Distance: 8.270m [K=1.0000]
Remarks:

LCS REPORT

Test:U:119.96V I:0.1880A P:22.416W PF:0.9939 Freq:59.98Hz Lamp Flux:1300.84x1 lm		
NAME: DD147 GD331 22W 3K 圆形平顶格栅	TYPE:	WEIGHT: 2.5kg
SPEC.:	DIM.:	SERIAL No.: 001
MFR.: EVERFINE	SUR.: 0.295*1.195	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: DAMIN
 Test Date: 2021-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.270m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:119.96V I:0.1880A P:22.416W PF:0.9939 Freq:59.98Hz Lamp Flux:1300.84x1 lm		
NAME: DD147 GD331 22W 3K 圆形平顶格栅	TYPE:	WEIGHT: 2.5kg
SPEC.:	DIM.:	SERIAL No.: 001
MFR.: EVERFINE	SUR.: 0.295*1.195	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	23.567	1.8
FM - Front-Medium(30-60)	161.13	12.4
FH - Front-High(60-80)	187.3	14.4
FVH - Front-Very High(80-90)	85.136	6.5
Total Forward Light	650.51	50.0

BL - Back-Low(0-30)	26.002	2.0
BM - Back-Medium(30-60)	161.82	12.4
BH - Back-High(60-80)	186.91	14.4
BVH - Back-Very High(80-90)	83.867	6.4
Total Back Light	650.33	50.0

UL - Uplight-Low(90-100)	138.05	10.6
UH - Uplight-High(100-180)	247.06	19.0
Total Up Light	385.11	29.6

BUG(Back,Up,Glare) Rating	B1-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	458.59	191.73	650.33
Street Side	457.14	193.38	650.51

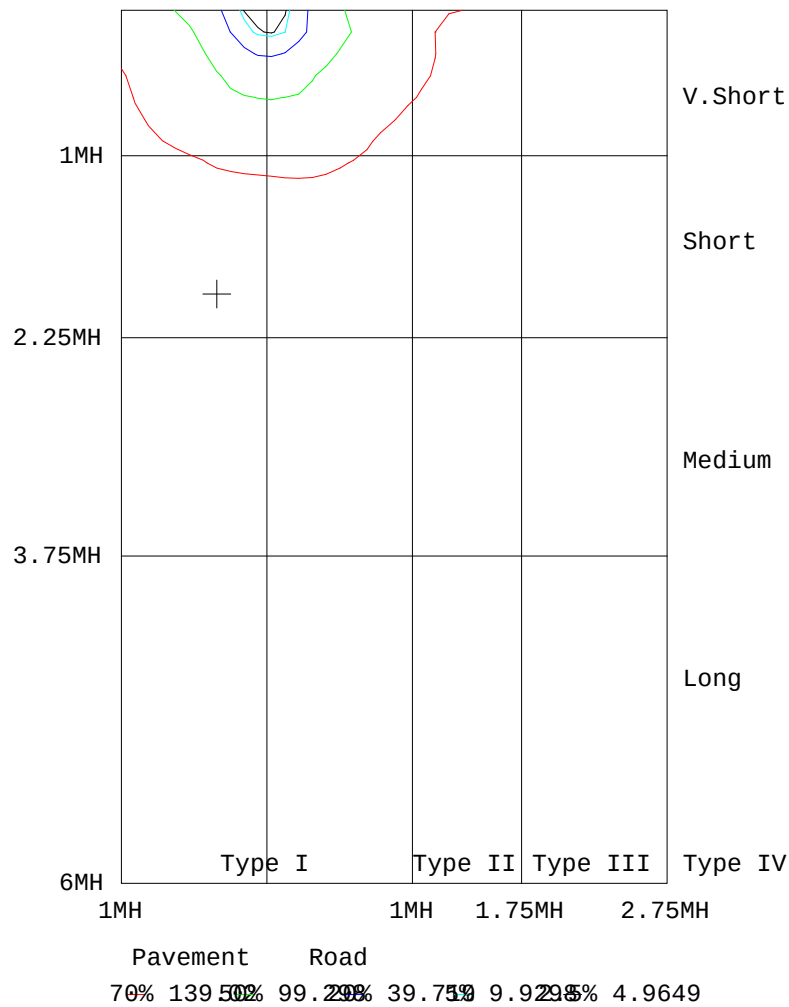
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.270m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.96V I:0.1880A P:22.416W PF:0.9939 Freq:59.98Hz Lamp Flux:1300.84x1 lm		
NAME: DD147 GD331 22W 3K 圆形平顶格栅	TYPE:	WEIGHT: 2.5kg
SPEC.:	DIM.:	SERIAL No.: 001
MFR.: EVERFINE	SUR.: 0.295*1.195	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:DAMIN
 Test Date:2021-05-29

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.270m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

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	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98	0.98			
5	1.25	1.18	1.16	1.20	1.24	1.33	1.47	1.50	1.49	1.48	1.48	1.59	1.52	1.44	1.42	1.36			
10	7.27	6.12	6.98	6.58	7.25	7.01	7.82	8.20	10.2	12.5	11.8	11.2	10.7	9.93	8.43	8.13			
15	27.0	26.2	27.6	26.2	27.2	26.0	29.7	30.6	35.1	36.7	34.5	34.7	34.9	33.1	31.5	28.9			
20	53.4	54.0	55.8	53.8	54.1	52.4	58.8	62.4	66.5	67.9	64.1	61.8	65.7	62.4	60.9	56.5			
25	80.2	82.5	85.0	81.3	79.2	78.4	84.9	90.3	95.0	92.9	88.8	84.3	91.3	89.3	89.8	82.6			
30	98.4	98.6	104	97.2	95.3	96.1	97.9	105	110	106	104	97.0	103	103	105	99.2			
35	107	105	110	104	103	105	103	109	113	109	109	103	105	107	108	107			
40	115	111	116	110	111	114	111	115	118	115	115	113	110	115	116	116			
45	123	117	126	117	122	125	127	125	127	125	121	122	110	127	123	125			
50	148	138	148	133	144	149	164	158	154	157	151	155	127	161	140	151			
55	186	161	172	160	175	178	211	189	187	188	180	187	144	189	163	175			
60	200	167	190	170	191	190	229	198	203	201	188	200	149	198	171	189			
65	197	162	186	162	186	182	212	183	194	192	175	192	142	185	169	188			
70	193	165	184	163	184	183	201	183	193	190	178	190	148	189	172	188			
75	196	168	183	162	180	179	199	189	195	192	184	193	154	190	178	193			
80	184	159	177	161	180	178	189	177	184	181	169	180	148	175	171	179			
85	168	150	160	147	158	157	164	161	165	160	156	159	140	160	157	164			
90	136	128	134	130	136	136	136	136	141	139	136	134	128	136	134	136			
95	130	124	125	123	125	125	122	124	129	127	127	124	122	124	125	129			
100	124	119	120	117	119	119	116	118	122	120	120	116	115	117	119	123			
105	107	108	109	107	104	107	105	106	105	107	107	103	101	104	107	111			
110	87.6	93.6	94.7	91.8	83.4	89.6	90.4	89.5	82.9	91.0	91.4	87.7	80.8	89.0	92.1	94.9			
115	64.8	75.0	78.8	75.2	63.4	70.6	74.9	71.4	61.4	73.0	74.9	69.7	62.1	72.4	76.1	76.5			
120	48.3	58.9	63.1	60.1	45.8	55.0	59.8	56.2	44.0	57.3	59.4	52.4	44.3	56.4	60.7	59.8			
125	31.6	45.1	48.8	45.6	31.0	39.9	45.8	41.5	28.5	42.3	45.1	39.4	30.5	42.8	46.5	45.5			
130	19.7	31.5	36.0	33.1	19.9	27.7	33.4	29.5	17.6	29.8	32.5	26.8	20.0	30.6	33.9	31.9			
135	13.2	21.8	25.3	22.8	12.9	18.0	23.2	19.9	11.4	20.2	22.7	18.3	13.4	21.4	24.0	21.9			
140	9.10	14.9	18.2	16.0	8.82	12.4	16.7	14.2	8.61	14.5	16.7	13.1	10.1	15.6	17.7	15.2			
145	7.62	11.2	14.1	12.2	7.08	9.23	12.9	10.7	7.00	11.1	13.1	10.1	8.09	12.1	13.9	11.5			
150	6.26	8.72	11.4	9.58	5.61	7.11	10.3	8.32	5.39	8.70	10.6	7.72	6.23	9.36	11.2	8.84			
155	4.46	6.63	8.90	7.40	4.51	5.54	7.91	6.43	4.53	6.72	8.04	5.63	4.52	6.97	8.61	6.61			
160	3.70	5.04	6.40	5.48	3.82	4.38	5.60	4.86	4.01	5.08	5.65	4.19	3.50	4.88	6.09	4.90			
165	3.12	3.74	4.23	3.71	3.14	3.28	3.71	3.40	3.18	3.54	3.67	3.09	2.77	3.39	3.99	3.58			
170	2.36	2.45	2.49	2.35	2.23	2.16	2.18	2.14	2.18	2.25	2.20	2.13	2.09	2.22	2.35	2.37			
175	1.66	1.62	1.59	1.56	1.52	1.41	1.41	1.43	1.48	1.51	1.49	1.52	1.50	1.52	1.52	1.61			
180	1.12	1.10	1.10	1.09	1.13	1.10	1.10	1.13	1.12	1.10	1.09	1.09	1.13	1.11	1.10	1.13			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:DAMIN
Test Date:2021-05-29

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.429
Humidity:65.0%
Test Distance:8.270m [K=1.0000]
Remarks: