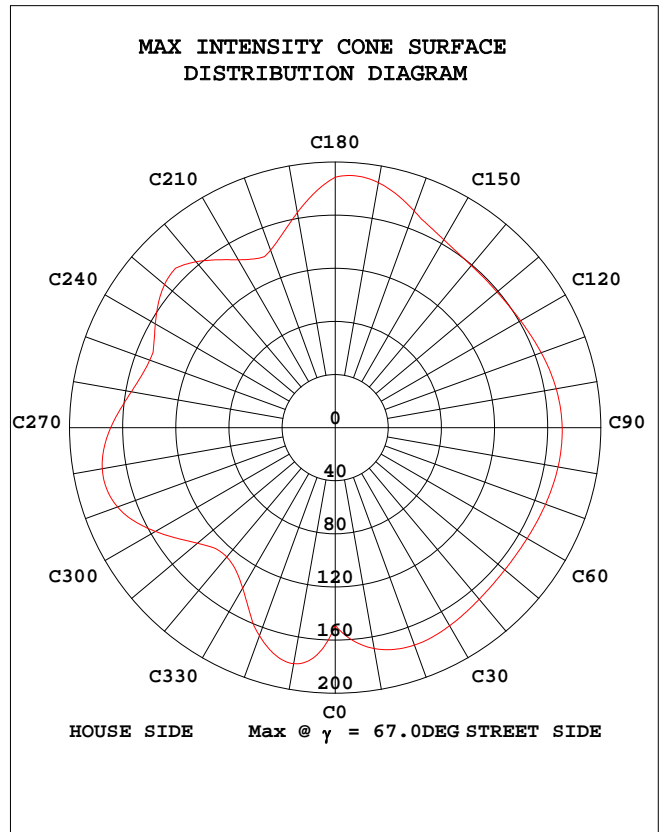
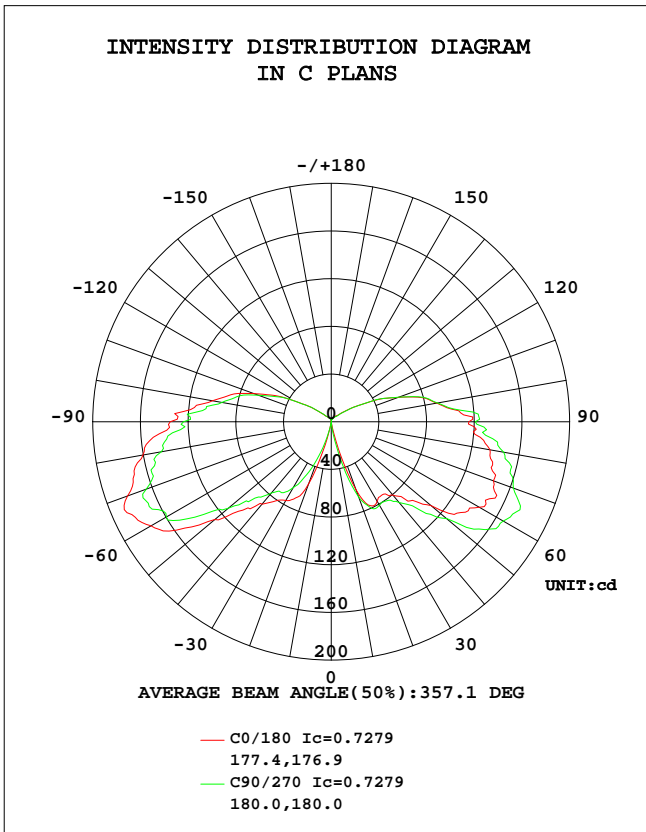


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.87V I:0.1119A P:13.195W PF:0.9840 Freq:59.98Hz Lamp Flux:1039.2x1 lm		
NAME: 14W 4K G5	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.03*1	Shielding Angle:

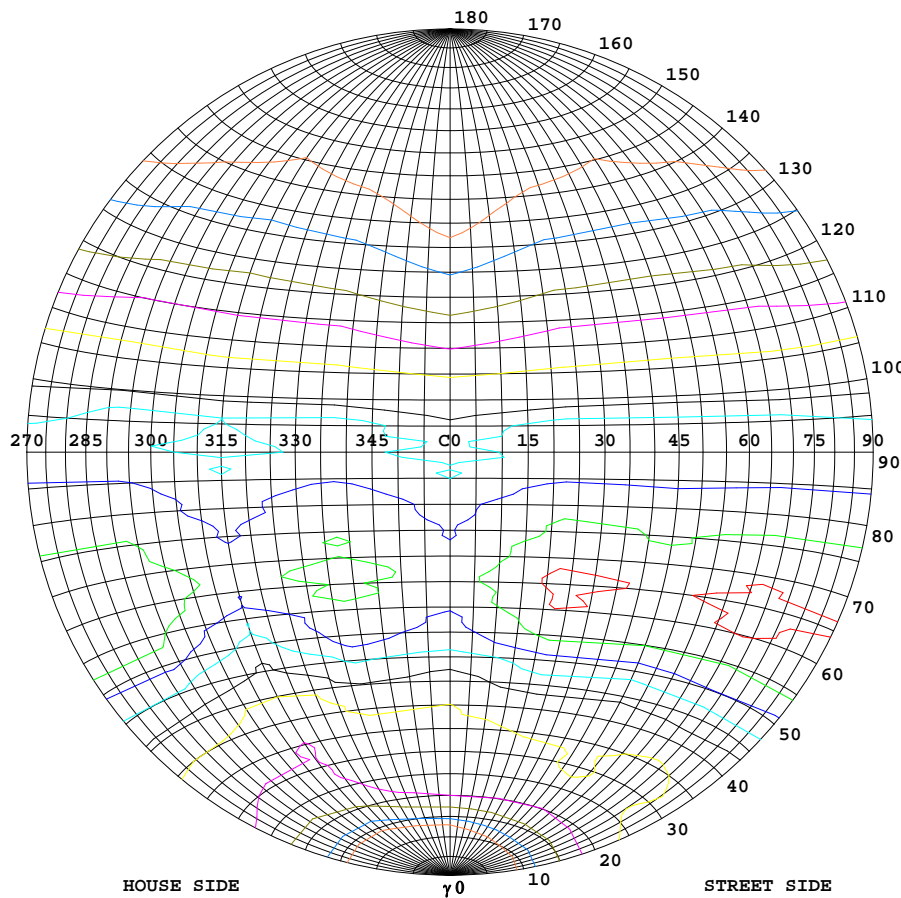
DATA OF LAMP		PHOTOMETRIC DATA Eff: 78.76 lm/W			
MODEL		I _{max} (cd)	188.6	η street_up(%)	14.5
NOMINAL POWER(W)		LOR(%)	100.0	η street_down(%)	36.8
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1039	η house_up(%)	14.6
NOMINAL FLUX(lm)	1039.2	MAXIMUM @(C,γ)	180,67.0	η house_down(%)	34.1
LAMPS INSIDE	1	η up(%)	29.1	76 FLASHAREA(m2)	0.05000
TEST VOLTAGE(V)		η down(%)	70.9	SLI	19.413



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM



Classification:

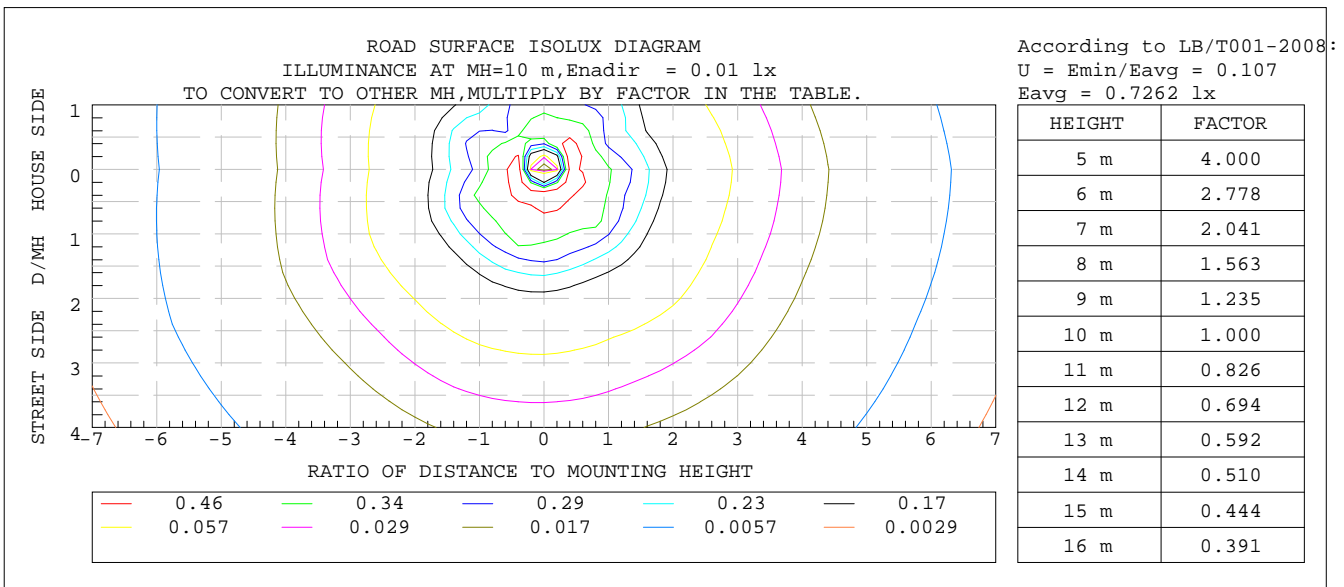
IES:Type V - Medium
 CIE:Broad - Intermediate
 IES:None cut-off
 CIE:Non-cut-off
 Max.At80:154.3cd/klm
 Max.At90:130.0cd/klm
 Max.80-90:154.3cd/klm
 NRB 5101:Semi limited[15.3%]

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	189
90%	170
80%	151
70%	132
60%	113
50%	94
40%	75
30%	57
20%	38
10%	19
5%	9

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [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: JZ
Test Date: 2023-01-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
Humidity: 65.0%
Test Distance: 8.450m [K=1.0000]
Remarks:

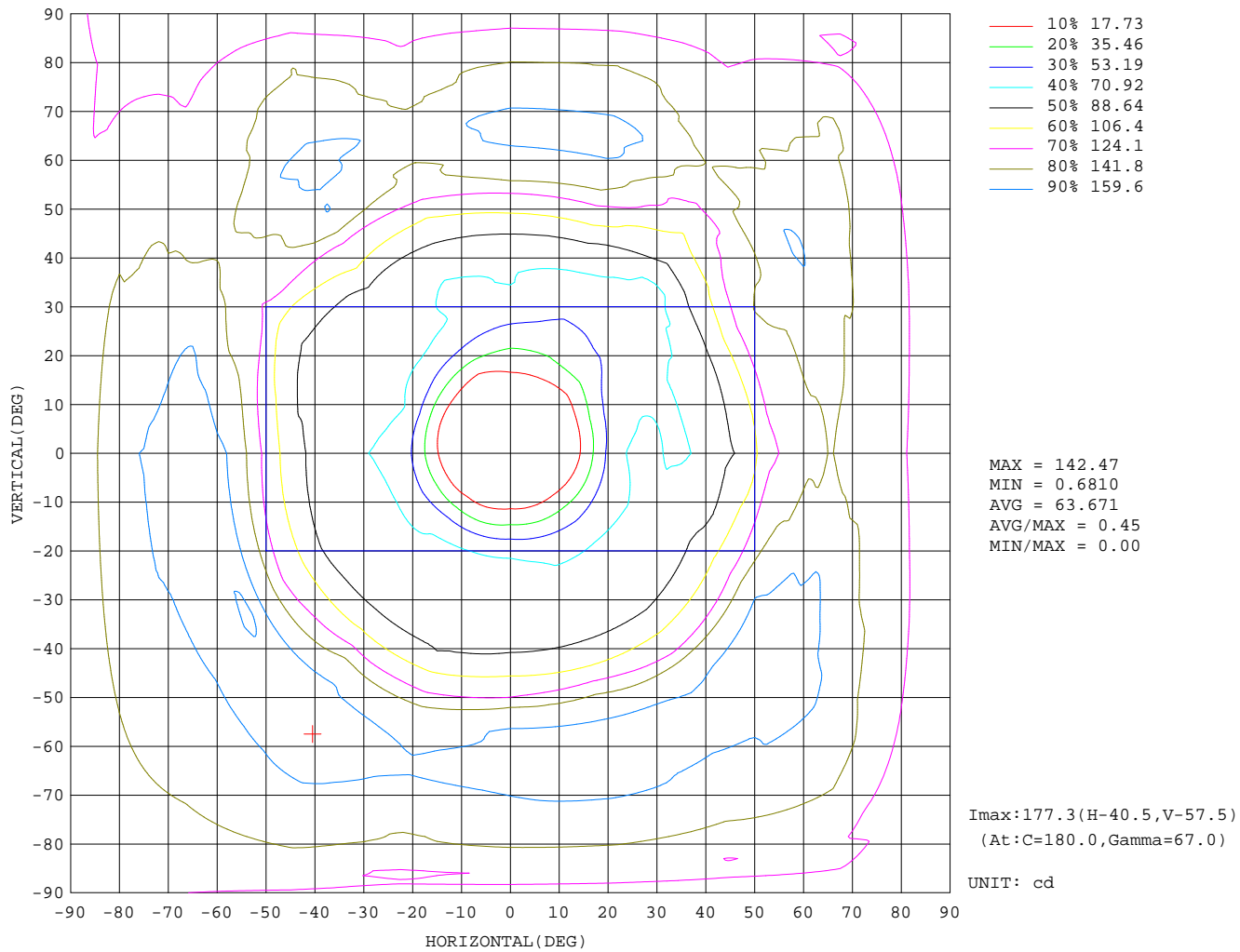
ZONAL FLUX DIAGRAM

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1.660	9.492	12.74	6.467	1.385	1.088	1.613	1.681	0- 10	0.1841	0.1841	0.02,0.02
20	60.39	57.24	67.15	57.26	55.41	42.99	30.10	31.19	10- 20	7.548	7.732	0.74,0.74
30	77.01	78.42	80.77	65.70	76.29	79.96	63.74	49.96	20- 30	30.12	37.85	3.64,3.64
40	80.30	86.40	88.45	75.41	90.35	82.86	77.84	58.10	30- 40	46.67	84.52	8.13,8.13
50	109.5	120.6	126.5	115.7	127.8	116.0	112.8	83.85	40- 50	74.03	158.5	15.3,15.3
60	143.6	165.3	166.6	153.3	174.7	163.0	159.7	111.1	50- 60	123.8	282.4	27.2,27.2
70	144.8	158.9	162.7	154.3	181.8	164.6	165.0	123.4	60- 70	157.5	439.9	42.3,42.3
80	135.3	143.2	146.9	134.3	160.4	147.4	144.6	114.0	70- 80	156.2	596.1	57.4,57.4
90	115.5	122.5	120.9	110.9	135.1	125.5	123.9	98.19	80- 90	140.5	736.7	70.9,70.9
100	90.16	92.43	90.71	86.58	101.3	98.30	93.41	82.32	90-100	121.2	857.9	82.6,82.6
110	59.77	68.21	60.46	64.00	69.39	72.14	65.44	61.65	100-110	84.32	942.2	90.7,90.7
120	28.89	42.59	28.63	40.23	33.94	47.08	33.61	39.12	110-120	52.83	995.0	95.7,95.7
130	12.14	22.13	11.16	20.68	12.61	25.62	13.02	20.66	120-130	25.62	1021	98.2,98.2
140	6.656	11.63	5.657	10.50	5.736	13.37	5.844	10.68	130-140	10.44	1031	99.2,99.2
150	4.145	8.413	3.538	7.507	4.050	9.396	3.898	7.419	140-150	4.863	1036	99.7,99.7
160	3.046	4.413	2.346	4.169	3.122	5.916	2.587	4.682	150-160	2.388	1038	99.9,99.9
170	1.622	1.180	1.070	1.194	1.545	2.175	2.101	1.706	160-170	0.7795	1039	100,100
180	0.2366	0.2831	0.3755	0.4232	0.2366	0.2888	0.4101	0.4232	170-180	0.1017	1039	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

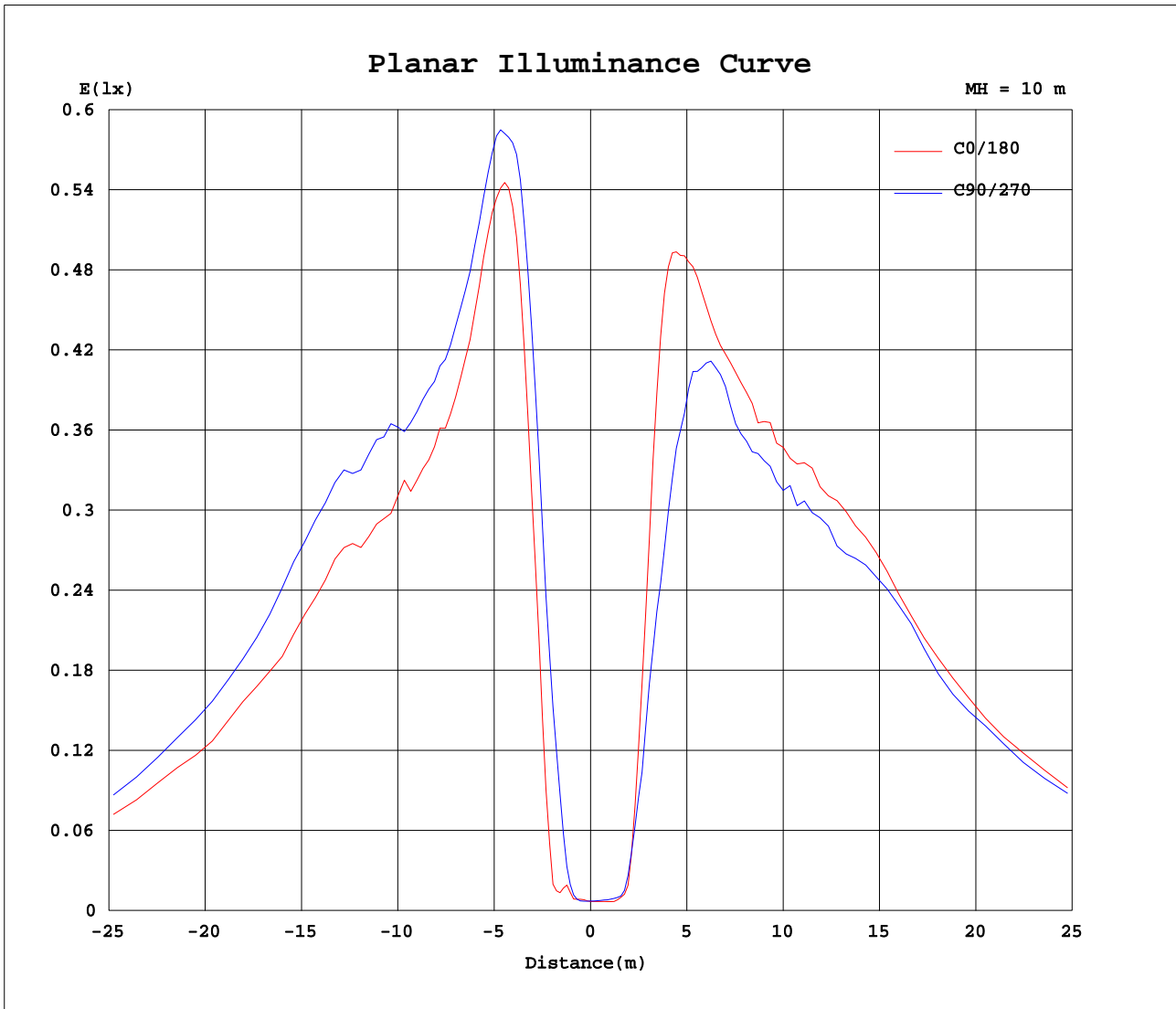
ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JZ
 Test Date: 2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.450m [K=1.0000]
 Remarks:

Planar Illuminance Curve



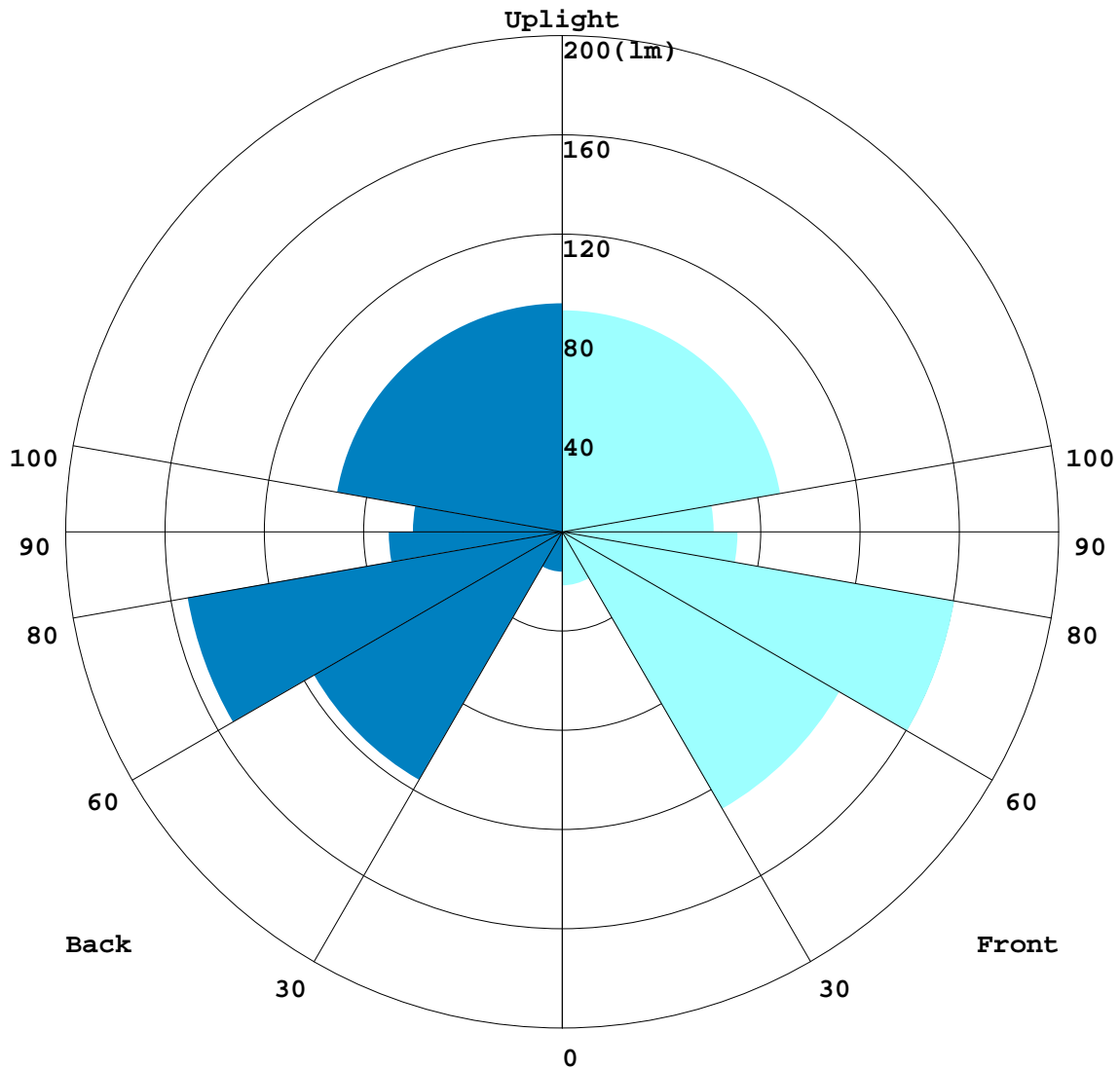
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JZ
 Test Date: 2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.450m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:119.87V I:0.1119A P:13.195W PF:0.9840 Freq:59.98Hz Lamp Flux:1039.2x1 lm		
NAME: 14W 4K G5 圆形格栅款草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.03*1	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:119.87V I:0.1119A P:13.195W PF:0.9840 Freq:59.98Hz Lamp Flux:1039.2x1 lm		
NAME: 14W 4K G5 圆形格栅款草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.03*1	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	21.689	2.1
FM - Front-Medium(30-60)	129.02	12.4
FH - Front-High(60-80)	160.53	15.4
FVH - Front-Very High(80-90)	70.729	6.8
Total Forward Light	532.32	51.2

BL - Back-Low(0-30)	16.163	1.6
BM - Back-Medium(30-60)	115.51	11.1
BH - Back-High(60-80)	153.2	14.7
BVH - Back-Very High(80-90)	69.815	6.7
Total Back Light	506.88	48.8

UL - Uplight-Low(90-100)	121.21	11.7
UH - Uplight-High(100-180)	181.34	17.4
Total Up Light	302.55	29.1

BUG(Back,Up,Glare) Rating	B1-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	354.68	152.2	506.88
Street Side	381.97	150.35	532.32

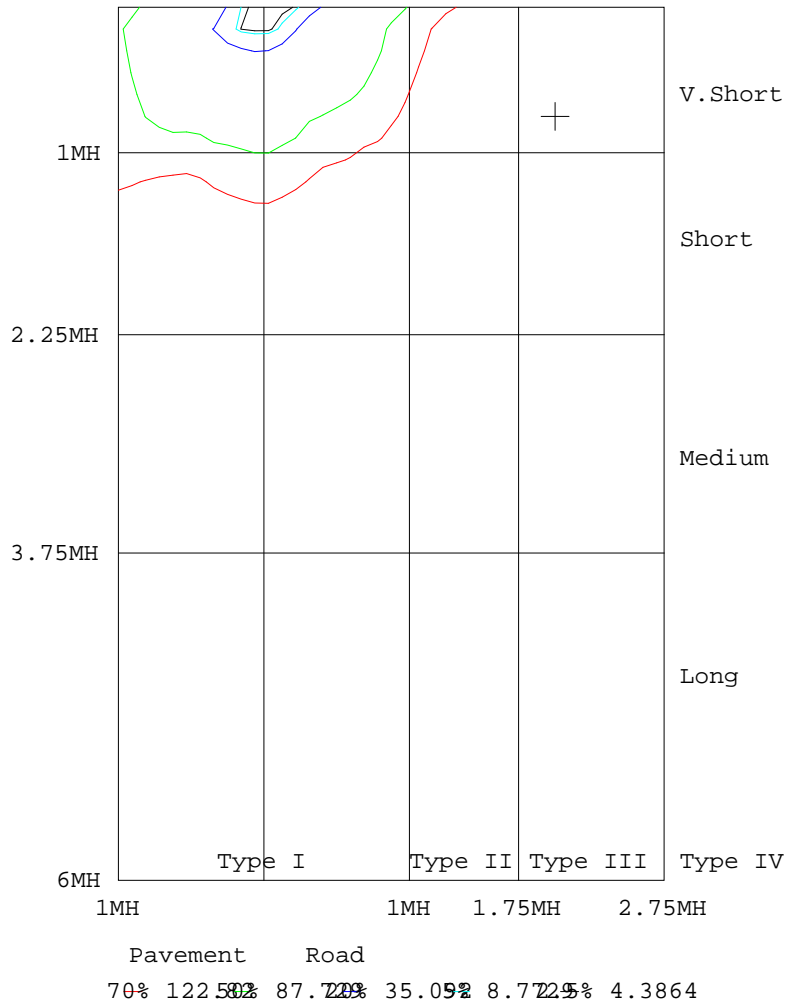
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.87V I:0.1119A P:13.195W PF:0.9840 Freq:59.98Hz Lamp Flux:1039.2x1 lm		
NAME: 14W 4K G5 圆形格栅款草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.03*1	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:JZ
 Test Date:2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity:65.0%
 Test Distance:8.450m [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	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73	0.73			
5	0.94	1.03	1.08	1.09	1.21	1.00	0.77	0.72	0.73	0.70	0.75	0.72	0.83	0.86	0.91	0.97			
10	1.66	4.37	9.49	10.8	12.7	10.9	6.47	1.64	1.38	1.17	1.09	1.07	1.61	2.44	1.68	1.52			
15	24.3	27.9	33.5	34.5	38.5	34.6	29.1	25.8	20.2	14.2	12.3	9.16	11.7	13.0	10.4	17.8			
20	60.4	56.8	57.2	60.4	67.2	66.6	57.3	54.4	55.4	52.2	43.0	32.4	30.1	33.6	31.2	48.8			
25	77.7	69.9	72.4	70.2	80.0	79.4	65.2	69.3	70.5	74.5	66.5	55.2	49.2	44.0	45.6	65.1			
30	77.0	73.3	78.4	70.5	80.8	81.6	65.7	79.2	76.3	78.6	80.0	68.4	63.7	55.0	50.0	69.1			
35	74.8	77.4	79.0	72.3	81.1	80.9	67.4	80.2	81.1	75.3	79.1	68.3	72.7	64.9	50.9	69.8			
40	80.3	88.5	86.4	84.0	88.5	84.9	75.4	85.8	90.4	76.5	82.9	73.3	77.8	75.2	58.1	78.7			
45	93.9	104	105	102	104	98.4	95.3	95.0	105	82.2	92.8	86.4	90.6	89.4	69.4	91.7			
50	109	125	121	130	127	120	116	116	128	97.5	116	104	113	114	83.9	114			
55	133	157	154	151	158	149	140	145	158	120	144	125	140	140	97.1	139			
60	144	171	165	168	167	156	153	157	175	126	163	134	160	157	111	143			
65	152	176	170	173	175	165	160	165	184	136	168	143	169	167	122	151			
70	145	166	159	163	163	155	154	158	182	134	165	143	165	165	123	150			
75	140	156	152	154	156	149	145	152	171	131	158	133	156	155	118	146			
80	135	148	143	143	147	143	134	142	160	126	147	127	145	144	114	142			
85	121	129	126	126	130	129	123	133	150	120	137	121	138	137	107	127			
90	116	121	122	117	121	120	111	123	135	112	125	112	124	122	98.2	116			
95	107	126	126	120	110	120	114	121	118	110	121	109	108	123	103	122			
100	90.2	90.0	92.4	87.9	90.7	93.9	86.6	97.0	101	92.4	98.3	89.7	93.4	95.4	82.3	89.6			
105	78.8	78.6	81.3	77.2	79.6	82.6	75.5	84.7	87.6	81.0	83.7	77.9	81.9	83.2	72.4	77.9			
110	59.8	66.2	68.2	64.9	60.5	69.8	64.0	72.0	69.4	69.6	72.1	67.3	65.4	71.0	61.7	65.5			
115	45.2	53.2	55.1	52.4	45.5	56.2	51.9	58.2	52.3	56.3	59.5	55.7	49.8	57.7	50.3	52.9			
120	28.9	40.1	42.6	38.9	28.6	41.5	40.2	43.9	33.9	41.7	47.1	43.0	33.6	42.7	39.1	39.1			
125	18.9	28.9	31.5	28.0	18.7	29.8	29.6	31.9	22.5	30.1	35.5	31.8	22.3	30.2	29.1	28.2			
130	12.1	20.3	22.1	19.4	11.2	20.6	20.7	21.7	12.6	20.8	25.6	22.7	13.0	21.0	20.7	19.8			
135	7.79	14.0	15.4	13.0	6.94	13.6	14.2	14.4	7.73	13.9	18.3	15.5	8.21	13.6	14.4	13.6			
140	6.66	10.4	11.6	9.32	5.66	9.92	10.5	10.1	5.74	9.84	13.4	11.2	5.84	9.57	10.7	10.0			
145	5.38	8.11	9.68	7.26	4.89	7.80	8.71	7.94	4.92	7.64	10.8	8.86	4.65	7.36	8.71	7.77			
150	4.14	6.61	8.41	5.79	3.54	6.28	7.51	6.48	4.05	6.34	9.40	7.41	3.90	5.85	7.42	6.35			
155	3.43	5.19	6.79	4.57	2.77	4.91	6.06	5.16	3.44	5.29	8.04	6.20	3.18	4.67	6.31	5.27			
160	3.05	3.73	4.41	3.26	2.35	3.51	4.17	3.83	3.12	4.18	5.92	4.64	2.59	3.53	4.68	4.11			
165	2.42	2.30	2.32	2.02	1.76	2.15	2.36	2.46	2.56	3.07	3.73	3.31	2.35	2.84	2.88	2.82			
170	1.62	1.31	1.18	1.10	1.07	1.13	1.19	1.43	1.54	1.82	2.18	2.15	2.10	1.92	1.71	1.78			
175	0.68	0.47	0.53	0.44	0.50	0.53	0.61	0.80	0.70	0.90	1.14	1.36	1.28	1.14	0.84	1.01			
180	0.24	0.22	0.28	0.34	0.38	0.45	0.42	0.55	0.24	0.25	0.29	0.38	0.41	0.47	0.42	0.60			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: JZ
 Test Date: 2023-01-11

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.429
 Humidity: 65.0%
 Test Distance: 8.450m [K=1.0000]
 Remarks: