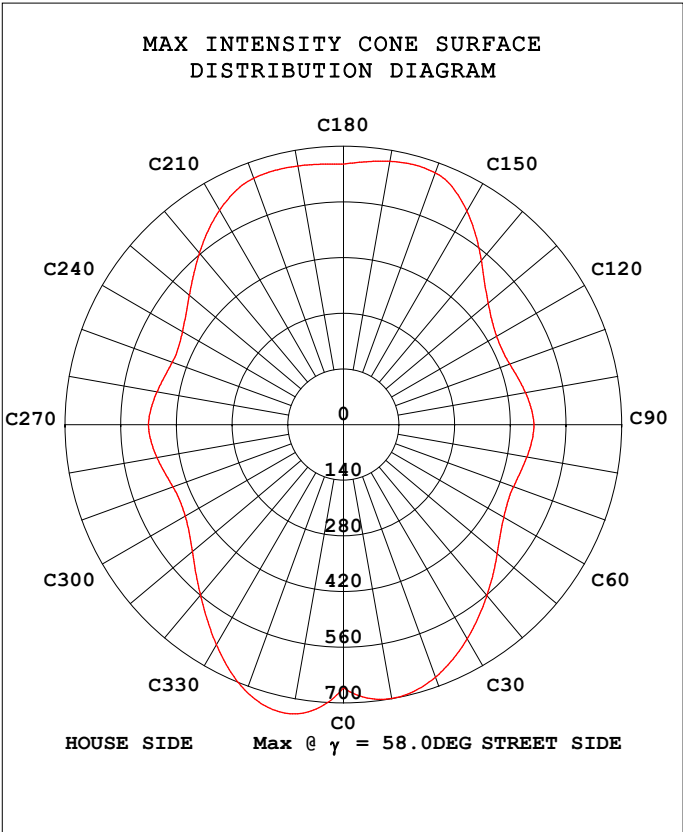
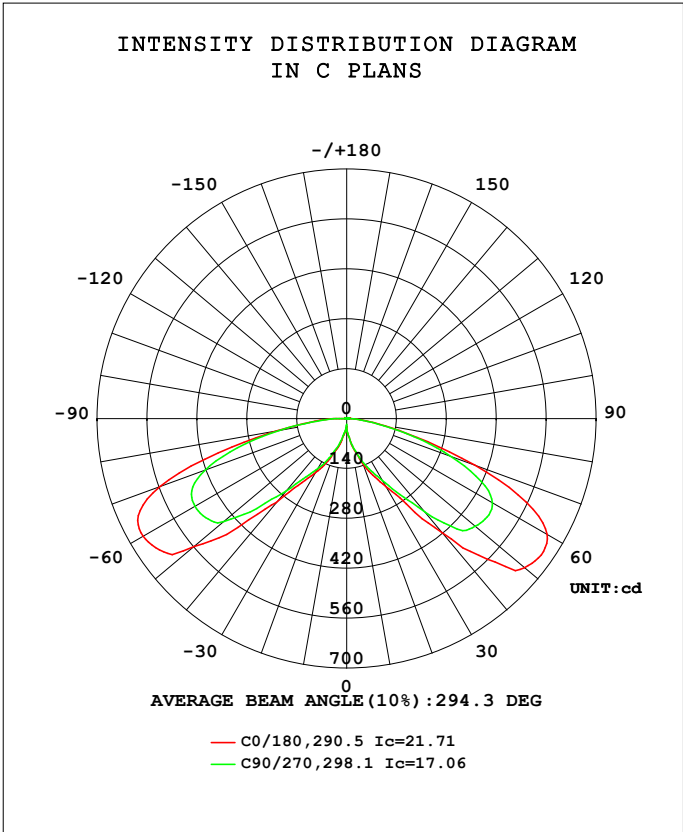


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:119.83V I:0.1131A P:13.382W PF:0.9873 Freq:59.98Hz Lamp Flux:1898.41x1 lm		
NAME: 14W 4K G3 Y形草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.2*0.1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 141.86 lm/W
MODEL		Imax (cd)	698.5	η street_up (%)	0.8	
NOMINAL POWER (W)		LOR (%)	100.0	η street_down (%)	47.8	
RATED VOLTAGE (V)		TOTAL FLUX (lm)	1898	η house_up (%)	0.8	
NOMINAL FLUX (lm)	1898.41	MAXIMUM @ (C, γ)	338,58.0	η house_down (%)	50.6	
LAMPS INSIDE	1	η up (%)	1.6	76 FLASHAREA (m2)	0.05000	
TEST VOLTAGE (V)		η down (%)	98.4	SLI	19.880	

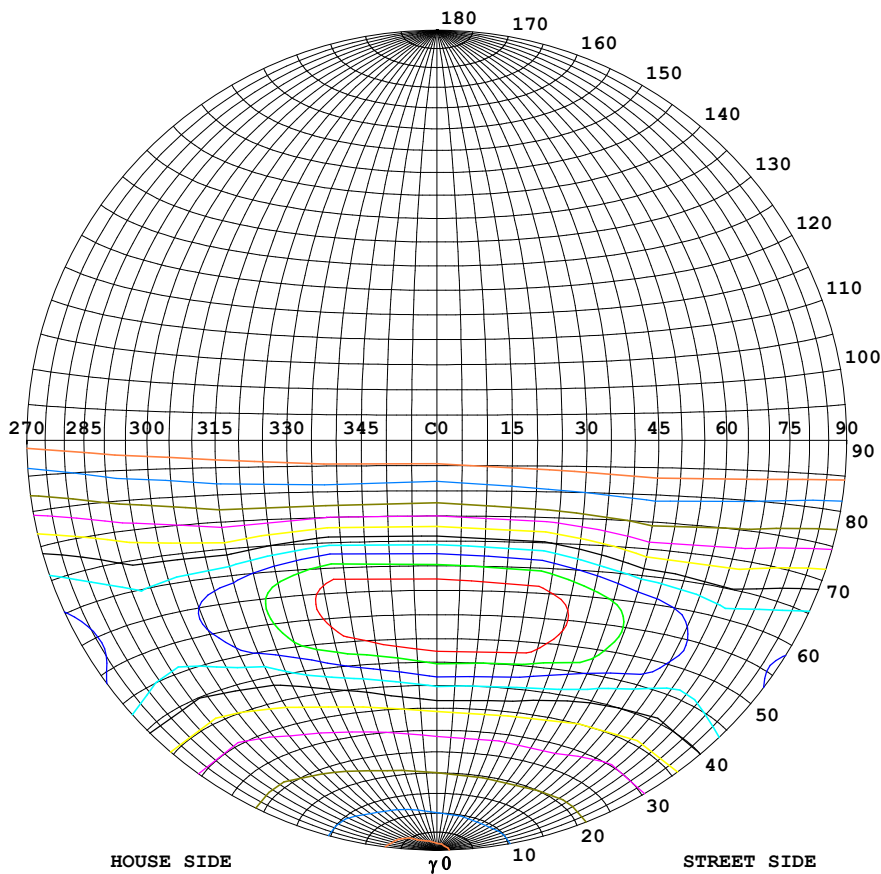


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2024-03-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:119.83V I:0.1131A P:13.382W PF:0.9873 Freq:59.98Hz Lamp Flux:1898.4lx1 lm		
NAME: 14W 4K G3 Y形草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.2*0.1	Shielding Angle:



Classification:

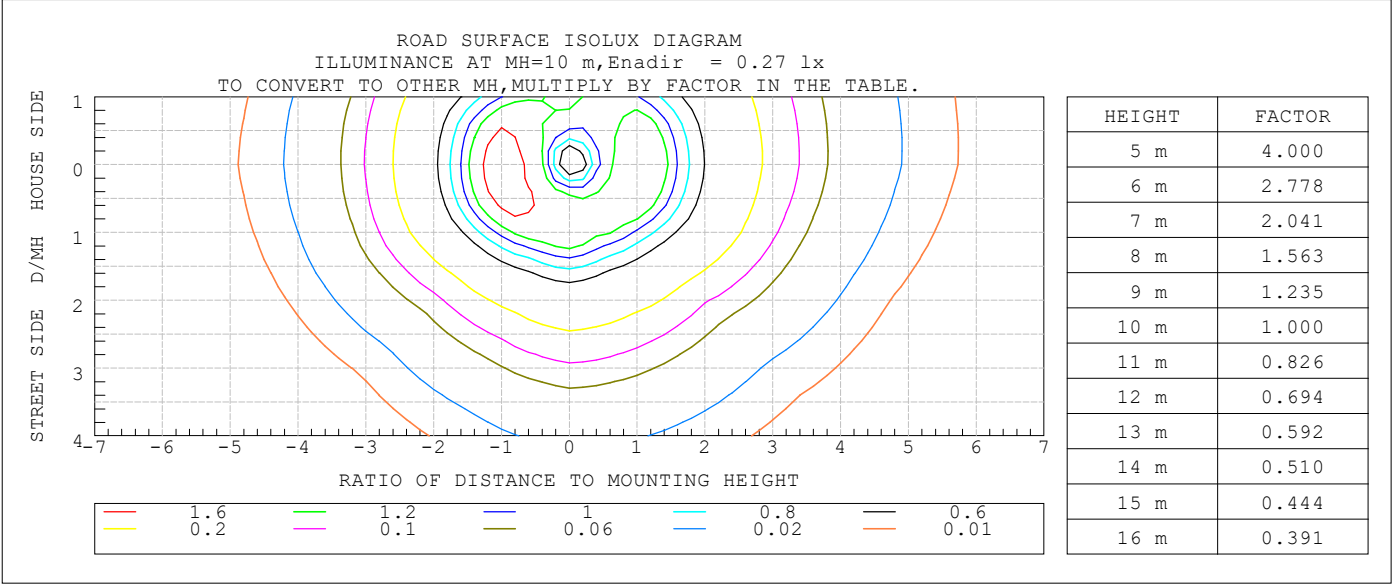
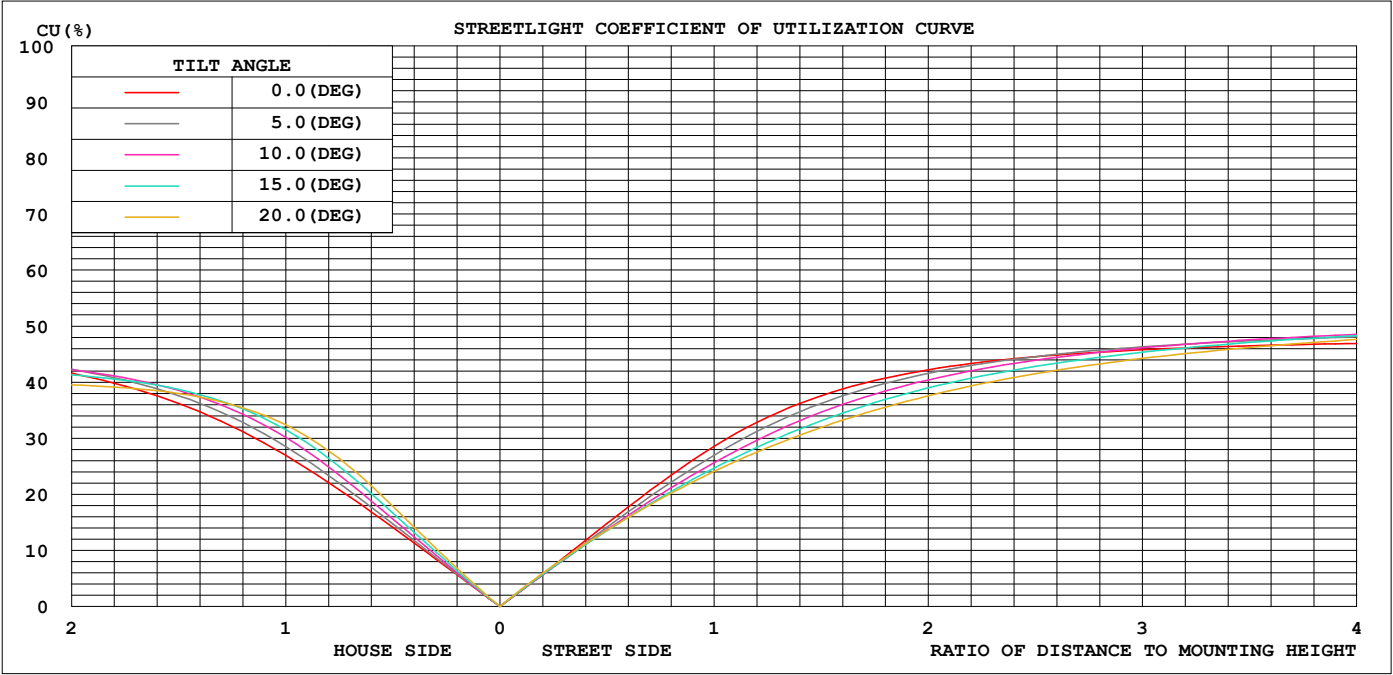
IES:Type V - Short
CIE:Narrow - Short
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:113.2cd/klm
Max.At90:14.82cd/klm
Max.80-90:113.2cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	699
90%	629
80%	559
70%	489
60%	419
50%	349
40%	279
30%	210
20%	140
10%	70
5%	35

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2024-03-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Temperature:25.3℃	Humidity:65.0%
Operators:	Test Distance:7.100m [K=1.0000]
Test Date:2024-03-03	Remarks:

ZONAL FLUX DIAGRAM

Test:U:119.83V I:0.1131A P:13.382W PF:0.9873 Freq:59.98Hz Lamp Flux:1898.41x1 lm		
NAME: 14W 4K G3 Y形草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.2*0.1	Shielding Angle:

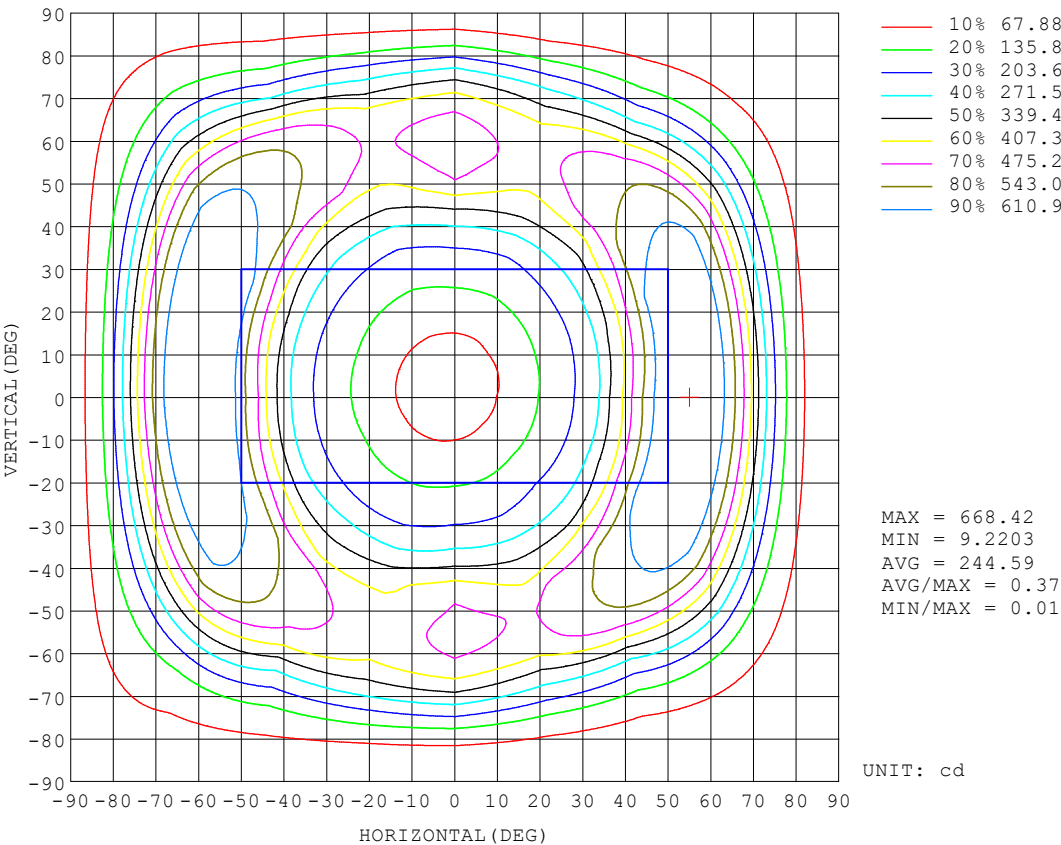
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	
10	68.33	72.61	66.55	56.93	46.06	41.58	41.41	49.40	0- 10	4.102	4.102	4.102
20	137.0	138.9	127.4	114.8	98.97	89.21	92.94	110.7	10- 20	24.69	28.79	28.79
30	220.3	218.8	201.0	184.8	174.8	160.4	162.4	189.3	20- 30	71.69	100.5	100.5
40	418.7	352.9	342.6	297.5	307.3	241.1	265.1	296.3	30- 40	155.0	255.5	255.5
50	650.7	531.3	470.3	478.5	557.6	422.4	448.3	496.0	40- 50	324.7	580.1	580.1
60	649.0	512.6	472.0	497.9	659.3	539.5	491.5	523.0	50- 60	487.7	1068	1068
70	382.3	234.4	311.3	296.6	556.9	459.5	422.9	313.7	60- 70	482.3	1550	1550
80	94.18	57.27	89.01	93.42	195.8	148.1	191.4	92.33	70- 80	256.4	1807	1807
90	4.753	5.352	3.983	11.50	28.07	28.14	22.34	13.42	80- 90	61.43	1868	1868
100	5.795	5.752	4.261	6.037	5.479	5.484	4.066	5.708	90-100	7.110	1875	1875
110	6.712	6.174	4.516	6.451	6.545	6.027	4.289	6.110	100-110	6.046	1881	1881
120	4.917	6.667	3.757	6.825	5.240	6.480	3.853	6.484	110-120	5.966	1887	1887
130	3.342	5.482	2.847	6.305	3.792	6.549	3.171	6.140	120-130	5.106	1892	1892
140	2.287	2.629	2.086	3.655	2.742	4.338	2.484	3.657	130-140	3.297	1896	1896
150	1.736	1.716	1.627	2.607	2.116	2.168	1.913	2.107	140-150	1.547	1897	1897
160	1.303	1.220	1.298	1.525	1.632	1.606	1.587	1.592	150-160	0.8130	1898	1898
170	1.074	0.9499	0.9175	0.9696	1.113	1.180	1.321	1.303	160-170	0.3705	1898	1898
180	0.8814	0.8793	1.066	1.162	0.8736	0.8950	1.113	1.195	170-180	0.1038	1898	1898
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2024-03-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

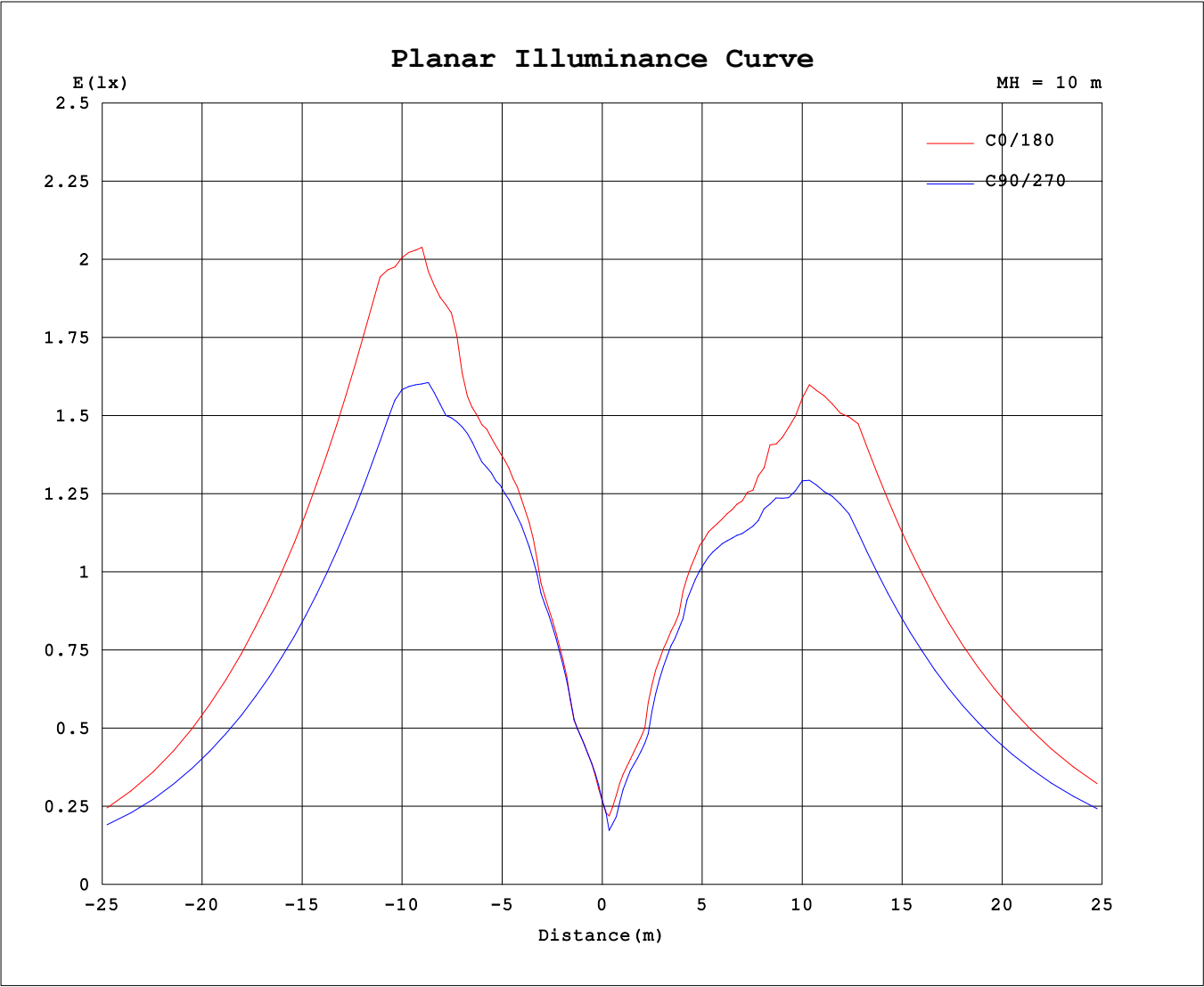
ISOCANDELA DIAGRAM

Test:U:119.83V I:0.1131A P:13.382W PF:0.9873 Freq:59.98Hz Lamp Flux:1898.41x1 lm		
NAME: 14W 4K G3 y形草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.2*0.1	Shielding Angle:



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Temperature:25.3℃	Humidity:65.0%
Operators:	Test Distance:7.100m [K=1.0000]
Test Date:2024-03-03	Remarks:

Planar Illuminance Curve

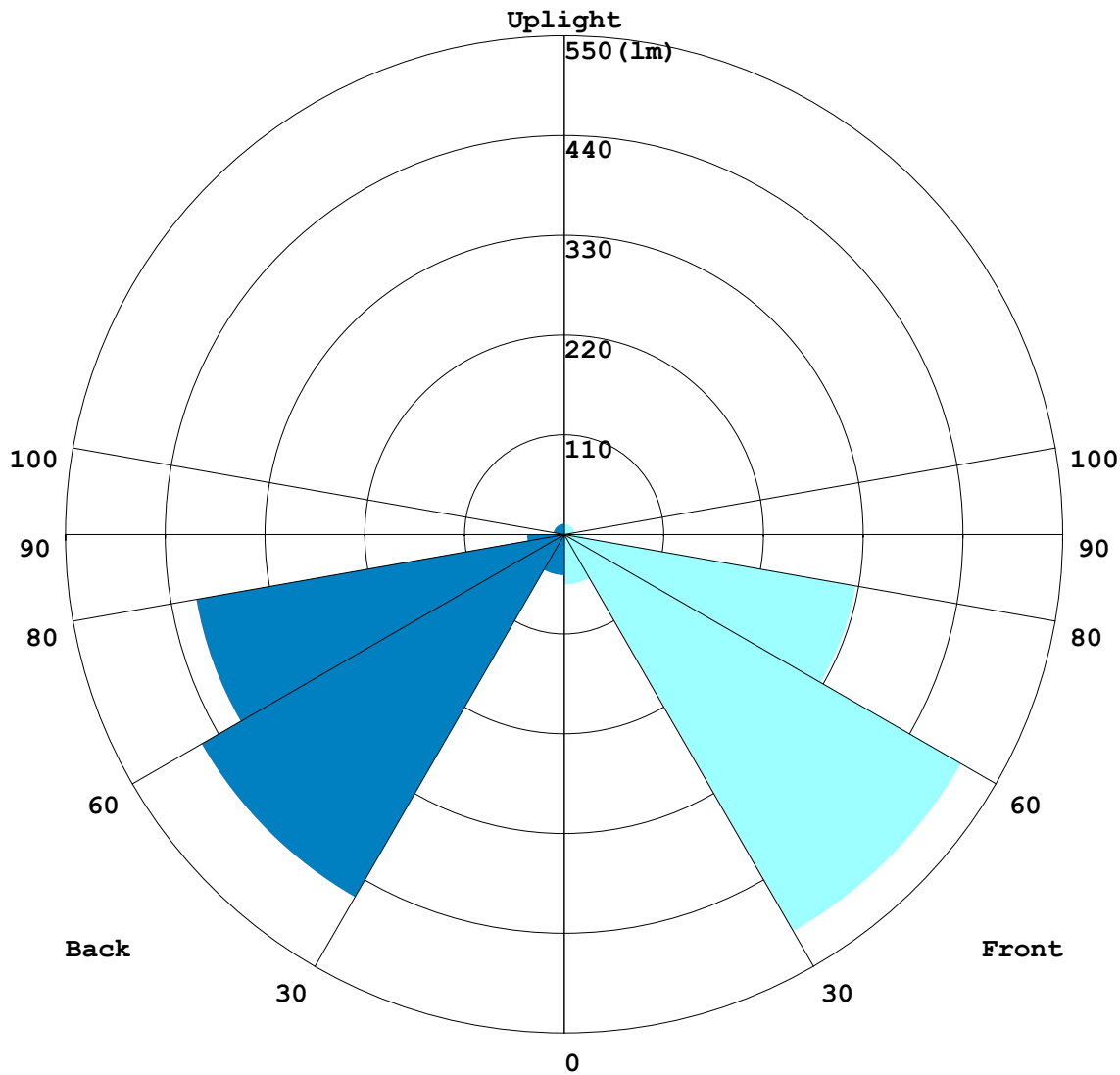


C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Temperature:25.3℃	Humidity:65.0%
Operators:	Test Distance:7.100m [K=1.0000]
Test Date:2024-03-03	Remarks:

LCS REPORT

Test:U:119.83V I:0.1131A P:13.382W PF:0.9873 Freq:59.98Hz Lamp Flux:1898.41x1 lm		
NAME: 14W 4K G3 y形草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.2*0.1	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Temperature:25.3℃	Humidity:65.0%
Operators:	Test Distance:7.100m [K=1.0000]
Test Date:2024-03-03	Remarks:

BUG REPORT

Test:U:119.83V I:0.1131A P:13.382W PF:0.9873 Freq:59.98Hz Lamp Flux:1898.41x1 lm		
NAME: 14W 4K G3 Y形草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.2*0.1	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	55.38	2.9
FM - Front-Medium(30-60)	505.44	26.6
FH - Front-High(60-80)	326.64	17.2
FVH - Front-Very High(80-90)	20.677	1.1
Total Forward Light	922.58	48.6

BL - Back-Low(0-30)	45.101	2.4
BM - Back-Medium(30-60)	461.93	24.3
BH - Back-High(60-80)	412.12	21.7
BVH - Back-Very High(80-90)	40.757	2.1
Total Back Light	975.83	51.4

UL - Uplight-Low(90-100)	7.1099	0.4
UH - Uplight-High(100-180)	23.249	1.2
Total Up Light	30.359	1.6

BUG(Back,Up,Glare) Rating	B1-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	959.91	15.92	975.83
Street Side	908.14	14.439	922.58

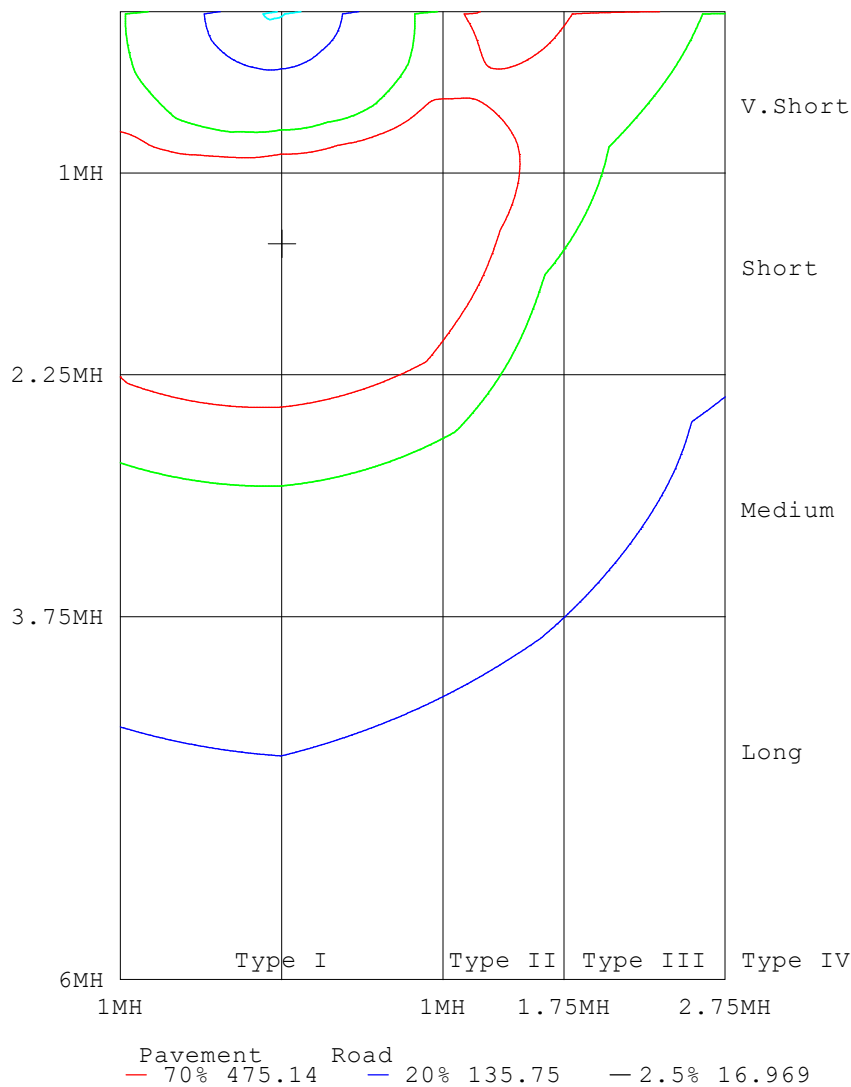
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:
 Test Date:2024-03-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
 Humidity:65.0%
 Test Distance:7.100m [K=1.0000]
 Remarks:

ROAD ISOCANDELA REPORT

Test:U:119.83V I:0.1131A P:13.382W PF:0.9873 Freq:59.98Hz Lamp Flux:1898.41x1 lm		
NAME: 14W 4K G3 y形草坪灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.2*0.1	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:
Test Date:2024-03-03

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.83V I:0.1131A P:13.382W PF:0.9873 Freq:59.98Hz Lamp Flux:1898.41x1 lm																	
NAME: 14W 4K G3 Y形草坪灯									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.:									SUR.: 0.2*0.1						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	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3				
5	44.3	45.0	44.8	45.3	44.2	43.4	41.3	39.6	32.3	31.5	24.8	24.2	26.1	31.6	36.3	44.9				
10	68.3	72.2	72.6	70.8	66.5	62.2	56.9	54.2	46.1	46.0	41.6	42.6	41.4	45.7	49.4	62.6				
15	96.3	101	97.7	96.6	93.8	90.3	82.9	86.0	74.8	71.8	66.2	66.1	66.3	72.0	81.5	95.5				
20	137	143	139	134	127	123	115	114	99.0	96.6	89.2	91.0	92.9	98.9	111	135				
25	176	182	178	168	162	155	150	159	139	137	125	124	128	136	152	177				
30	220	224	219	207	201	190	185	195	175	172	160	155	162	167	189	218				
35	292	297	273	261	261	238	232	234	219	212	197	189	200	207	234	277				
40	419	406	353	331	343	311	297	328	307	286	241	242	265	271	296	382				
45	557	551	456	389	438	388	376	451	432	384	318	308	358	355	390	524				
50	651	650	531	458	470	428	479	588	558	531	422	373	448	396	496	657				
55	667	670	542	465	481	446	500	653	642	636	517	442	484	446	522	692				
60	649	647	513	441	472	434	498	672	659	663	540	463	491	452	523	694				
65	556	542	386	351	416	386	437	645	645	656	536	451	480	418	466	620				
70	382	356	234	250	311	299	297	506	557	584	459	390	423	336	314	422				
75	205	183	123	145	194	187	182	295	373	407	284	280	317	241	189	222				
80	94.2	75.4	57.3	68.7	89.0	91.0	93.4	128	196	215	148	166	191	129	92.3	91.0				
85	36.6	29.3	22.8	23.7	29.0	35.5	43.8	59.1	89.8	86.4	69.0	74.8	82.8	56.0	44.6	39.9				
90	4.75	5.16	5.35	5.24	3.98	5.67	11.5	13.9	28.1	26.5	28.1	25.0	22.3	15.8	13.4	7.13				
95	5.25	5.44	5.48	5.33	4.11	5.34	5.80	5.81	4.87	4.91	5.41	5.33	3.90	5.14	5.50	5.72				
100	5.80	5.79	5.75	5.53	4.26	5.53	6.04	6.24	5.48	5.28	5.48	5.30	4.07	5.20	5.71	6.03				
105	6.28	6.15	5.97	5.63	4.34	5.66	6.27	6.57	6.06	5.67	5.77	5.50	4.19	5.36	5.93	6.35				
110	6.71	6.52	6.17	5.64	4.52	5.66	6.45	6.91	6.54	6.07	6.03	5.66	4.29	5.41	6.11	6.66				
115	6.29	6.85	6.40	5.69	4.45	5.67	6.62	7.21	6.34	6.46	6.25	5.73	4.31	5.41	6.28	6.97				
120	4.92	6.96	6.67	5.77	3.76	5.71	6.83	7.47	5.24	6.75	6.48	5.80	3.85	5.41	6.48	7.28				
125	3.99	6.53	6.45	5.45	3.24	5.52	6.95	7.44	4.50	6.79	6.72	5.94	3.45	5.32	6.63	7.38				
130	3.34	5.53	5.48	4.67	2.85	4.90	6.31	6.80	3.79	6.48	6.55	5.72	3.17	4.93	6.14	6.62				
135	2.72	4.10	4.04	3.55	2.43	3.88	5.08	5.60	3.25	5.61	5.70	4.97	2.87	4.17	5.06	5.25				
140	2.29	2.72	2.63	2.42	2.09	2.78	3.66	4.02	2.74	4.27	4.34	3.82	2.48	3.21	3.66	3.61				
145	1.97	2.05	2.04	1.91	1.83	2.10	2.80	2.66	2.39	2.89	2.87	2.69	2.14	2.38	2.48	2.57				
150	1.74	1.75	1.72	1.64	1.63	1.83	2.61	2.16	2.12	2.25	2.17	2.16	1.91	2.08	2.11	2.23				
155	1.52	1.48	1.44	1.44	1.48	1.61	2.12	1.79	1.88	1.97	1.87	1.89	1.74	1.87	1.83	1.93				
160	1.30	1.23	1.22	1.24	1.30	1.30	1.52	1.60	1.63	1.70	1.61	1.65	1.59	1.67	1.59	1.66				
165	1.16	1.09	1.08	1.06	1.10	1.02	1.12	1.18	1.35	1.42	1.34	1.43	1.44	1.51	1.42	1.58				
170	1.07	0.94	0.95	0.92	0.92	0.91	0.97	1.01	1.11	1.21	1.18	1.29	1.32	1.37	1.30	1.84				
175	0.97	0.87	0.86	0.89	0.88	0.94	0.90	1.50	0.88	1.02	1.02	1.17	1.22	1.28	1.23	1.63				
180	0.88	0.88	0.88	0.99	1.07	1.18	1.16	1.25	0.87	0.88	0.89	1.01	1.11	1.20	1.19	1.23				

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 22.5DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.461
Temperature:25.3℃	Humidity:65.0%
Operators:	Test Distance:7.100m [K=1.0000]
Test Date:2024-03-03	Remarks: