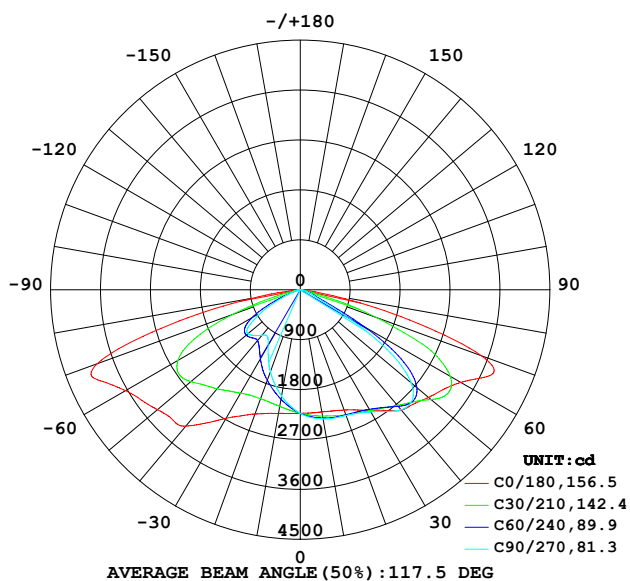
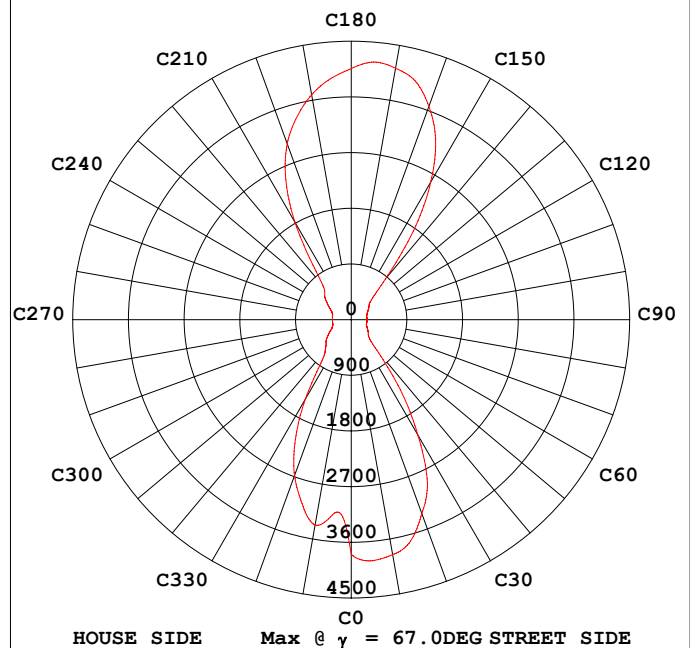


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.70V I:0.2508A P:54.027W PF:0.9761 Freq:50.00Hz Lamp Flux:9564.69x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740054G 55w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 177.04 lm/W			
MODEL	55W4000K	I <sub>max</sub> (cd)	4182	η street_up (%)	0.1
NOMINAL POWER (W)	55	LOR (%)	100.0	η street_down (%)	57.5
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	9565	η house_up (%)	0.2
NOMINAL FLUX (lm)	9564.69	MAXIMUM @ (C, γ )	175,67.0	η house_down (%)	42.2
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	99.7	SLI	20.642

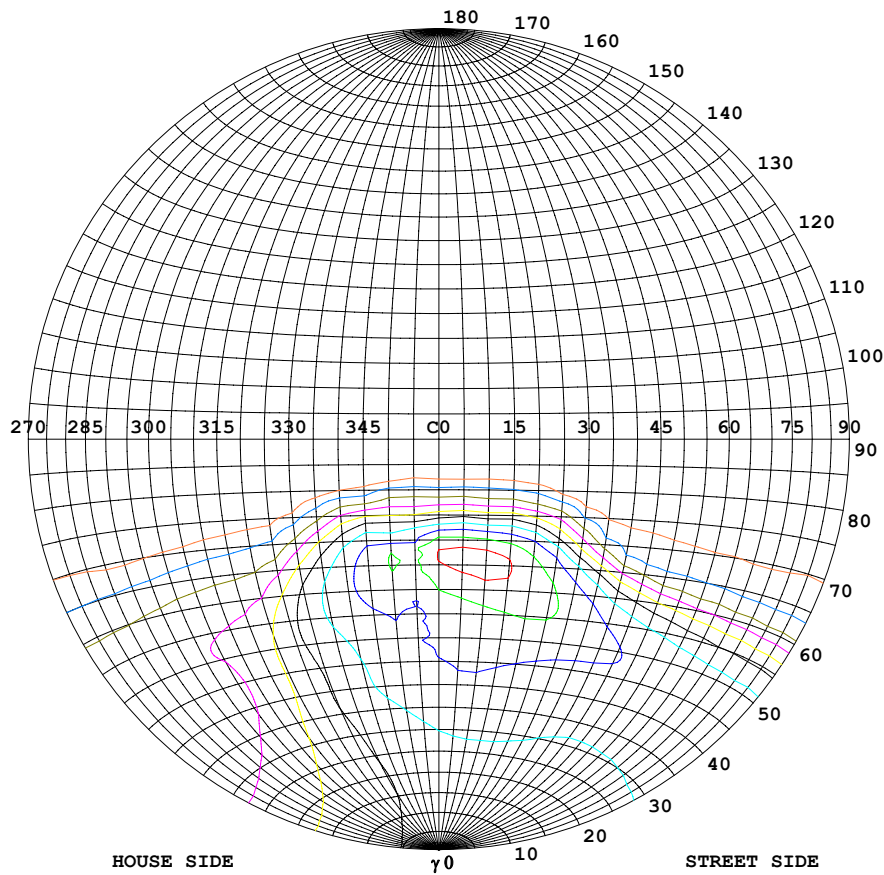
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: zhaojicheng  
Test Date: 2023-12-11

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity: 65.0%  
Test Distance: 12.534m [K=1.0000]  
Remarks:

## STREETLIGHT ISOCANDELA DIAGRAM

Test:U:220.70V I:0.2508A P:54.027W PF:0.9761 Freq:50.00Hz Lamp Flux:9564.69x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740054G 55w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:



## Classification:

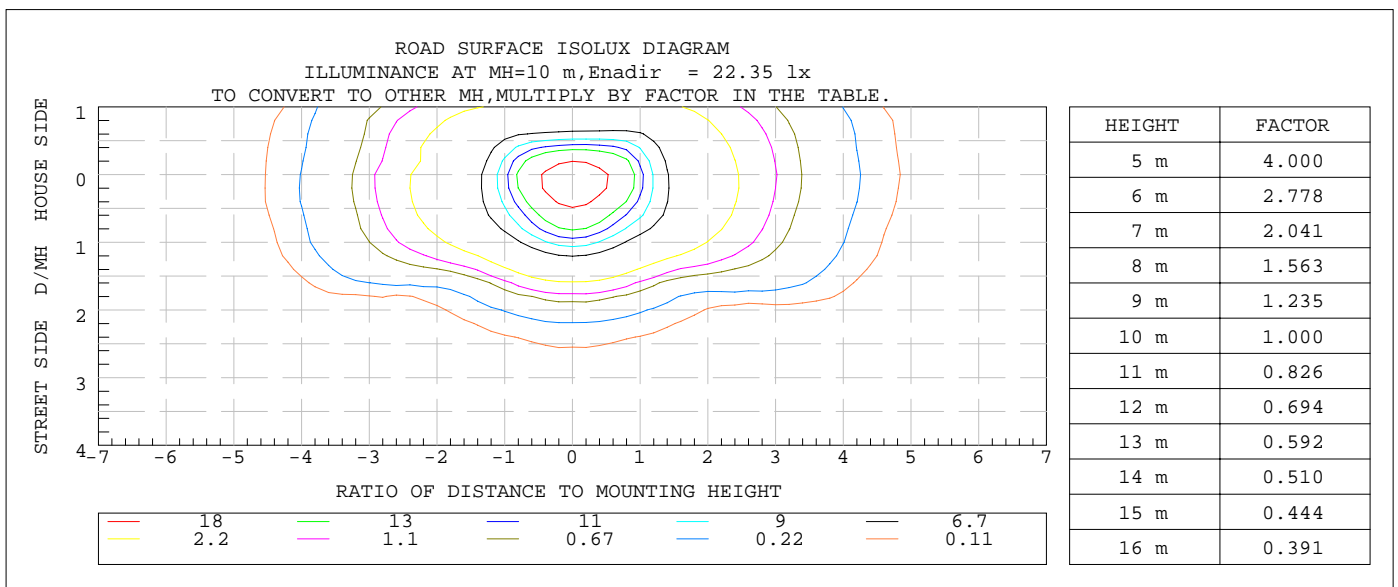
IES:Type II - Medium  
CIE:Narrow - Intermediate  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:90.58cd/klm  
Max.At90:1.121cd/klm  
Max.80-90:90.58cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	4182
90%	3763
80%	3345
70%	2927
60%	2509
50%	2091
40%	1673
30%	1254
20%	836
10%	418
5%	209

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:zhaojicheng  
Test Date:2023-12-11

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity:65.0%  
Test Distance:12.534m [K=1.0000]  
Remarks:

# COEFFICIENT OF UTILIZATION CURVE AND ISOLUX DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: zhaojicheng  
Test Date: 2023-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity: 65.0%  
Test Distance: 12.534m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

Test:U:220.70V I:0.2508A P:54.027W PF:0.9761 Freq:50.00Hz Lamp Flux:9564.69x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740054G 55w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

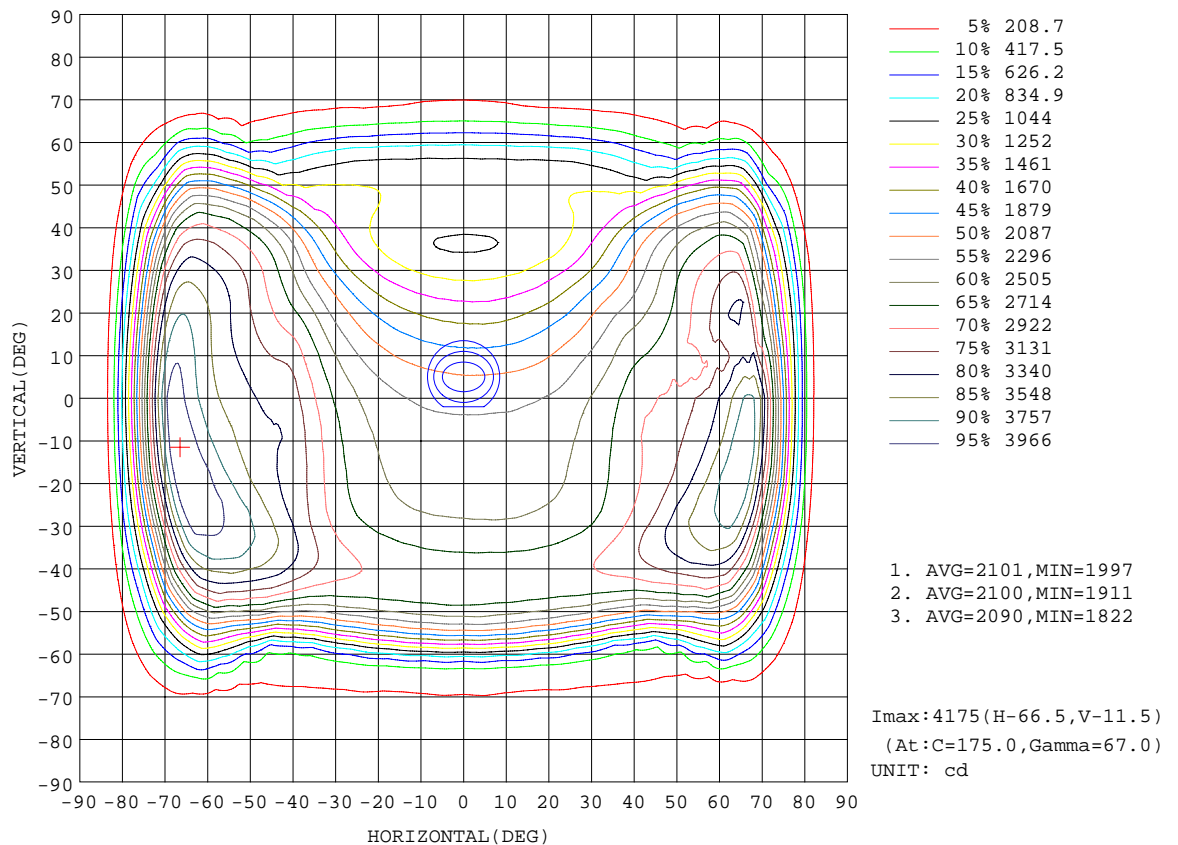
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	2237	2336	2365	2355	2265	2066	1947	2047	0- 10	211.3	211.3	2.21,2.21
20	2309	2404	2413	2448	2385	1903	1577	1853	10- 20	617.3	828.7	8.66,8.66
30	2511	2485	2544	2571	2677	1776	1161	1697	20- 30	1001	1829	19.1,19.1
40	2833	2682	2826	2820	3209	1657	1070	1536	30- 40	1411	3240	33.9,33.9
50	3020	2937	2609	3056	3363	1589	1234	1457	40- 50	1865	5105	53.4,53.4
60	3342	2018	942.3	2142	3639	1175	798.2	1124	50- 60	2073	7178	75.75
70	3468	280.3	199.9	298.6	3890	351.2	206.9	328.1	60- 70	1605	8783	91.8,91.8
80	497.1	67.79	51.83	82.10	866.4	68.98	56.41	58.97	70- 80	701.3	9484	99.2,99.2
90	0.9616	0.5593	0.2309	0.7117	2.993	0.4090	0.2205	0.3149	80- 90	53.59	9538	99.7,99.7
100	3.993	0.6396	0.3057	0.6011	4.484	1.067	0.5040	1.183	90-100	1.269	9539	99.7,99.7
110	6.870	1.878	0.9941	1.795	7.215	3.523	1.868	3.585	100-110	2.809	9542	99.8,99.8
120	8.100	3.381	2.096	3.266	7.880	5.838	4.474	6.126	110-120	4.449	9546	99.8,99.8
130	7.996	4.366	2.871	4.031	7.165	6.813	6.805	7.609	120-130	5.134	9551	99.9,99.9
140	7.119	4.752	3.165	4.315	6.270	6.726	7.189	7.475	130-140	4.680	9556	99.9,99.9
150	6.543	5.014	3.647	4.619	5.866	6.490	6.838	6.973	140-150	3.689	9560	99.9,99.9
160	6.282	5.328	4.443	5.071	5.905	6.386	6.666	6.666	150-160	2.703	9562	100,100
170	6.248	5.799	5.397	5.690	6.178	6.352	6.530	6.498	160-170	1.702	9564	100,100
180	6.522	6.207	6.226	6.236	6.533	6.291	6.310	6.309	170-180	0.5992	9565	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:zhaojicheng  
Test Date:2023-12-11

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity:65.0%  
Test Distance:12.534m [K=1.0000]  
Remarks:

# ISOCANDELA DIAGRAM

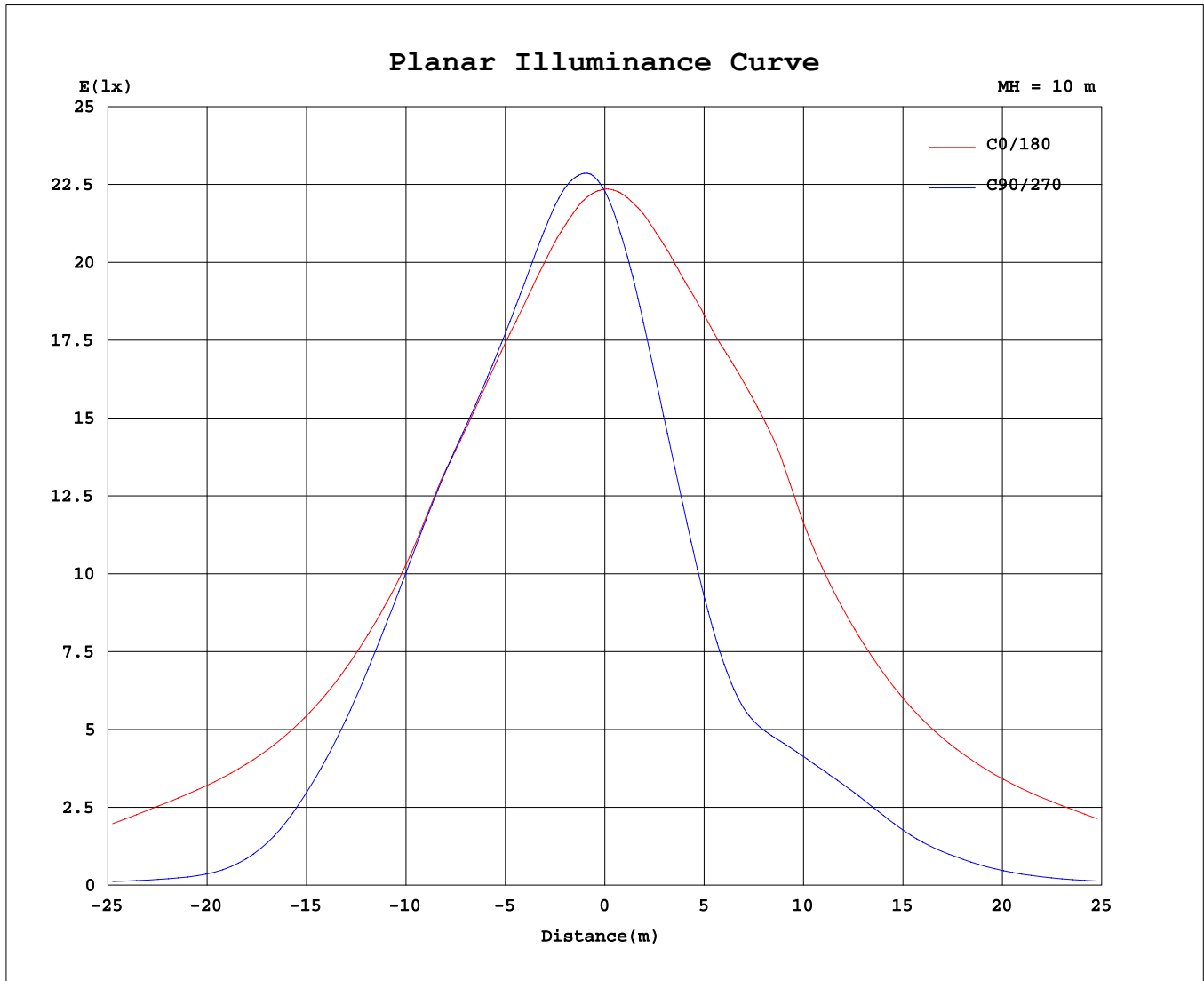
Test:U:220.70V I:0.2508A P:54.027W PF:0.9761 Freq:50.00Hz Lamp Flux:9564.69x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740054G 55w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:zhaojicheng  
Test Date:2023-12-11

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity:65.0%  
Test Distance:12.534m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



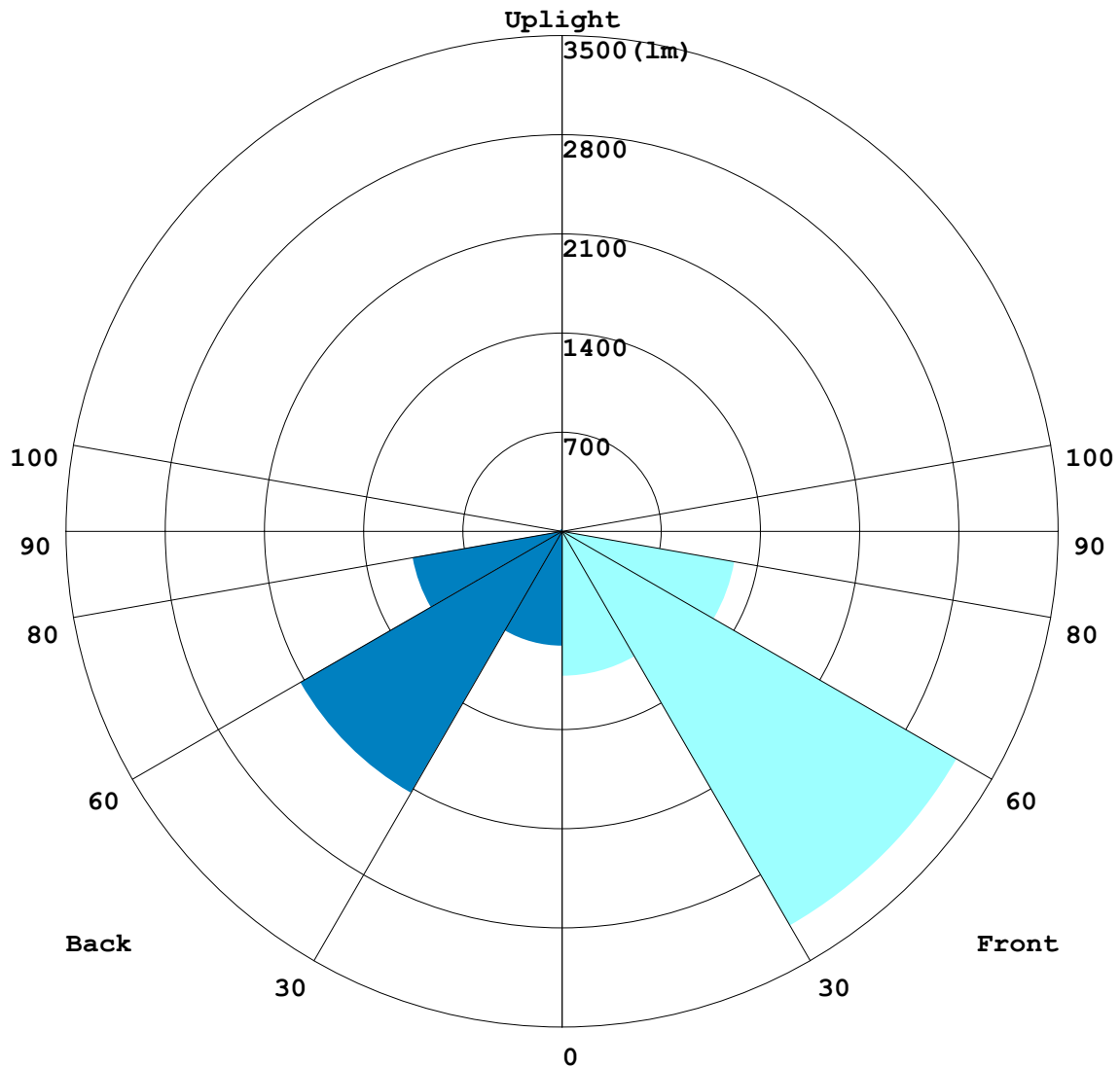
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: zhaojicheng  
Test Date: 2023-12-11

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity: 65.0%  
Test Distance: 12.534m [K=1.0000]  
Remarks:

**LCS REPORT**

Test:U:220.70V I:0.2508A P:54.027W PF:0.9761 Freq:50.00Hz Lamp Flux:9564.69x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740054G 55w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

**LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH**



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:zhaojicheng  
Test Date:2023-12-11

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity:65.0%  
Test Distance:12.534m [K=1.0000]  
Remarks:

### BUG REPORT

Test:U:220.70V I:0.2508A P:54.027W PF:0.9761 Freq:50.00Hz Lamp Flux:9564.69x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740054G 55w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1020.8	10.7
FM - Front-Medium(30-60)	3215.2	33.6
FH - Front-High(60-80)	1236.3	12.9
FVH - Front-Very High(80-90)	28.154	0.3
Total Forward Light	5511.6	57.6

BL - Back-Low(0-30)	808.42	8.5
BM - Back-Medium(30-60)	2133.3	22.3
BH - Back-High(60-80)	1070	11.2
BVH - Back-Very High(80-90)	25.439	0.3
Total Back Light	4053	42.4

UL - Uplight-Low(90-100)	1.2693	0.0
UH - Uplight-High(100-180)	25.765	0.3
Total Up Light	27.034	0.3

BUG(Back,Up,Glare) Rating	B3-U2-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	4037.2	15.867	4053
Street Side	5500.5	11.168	5511.6

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:zhaojicheng  
Test Date:2023-12-11

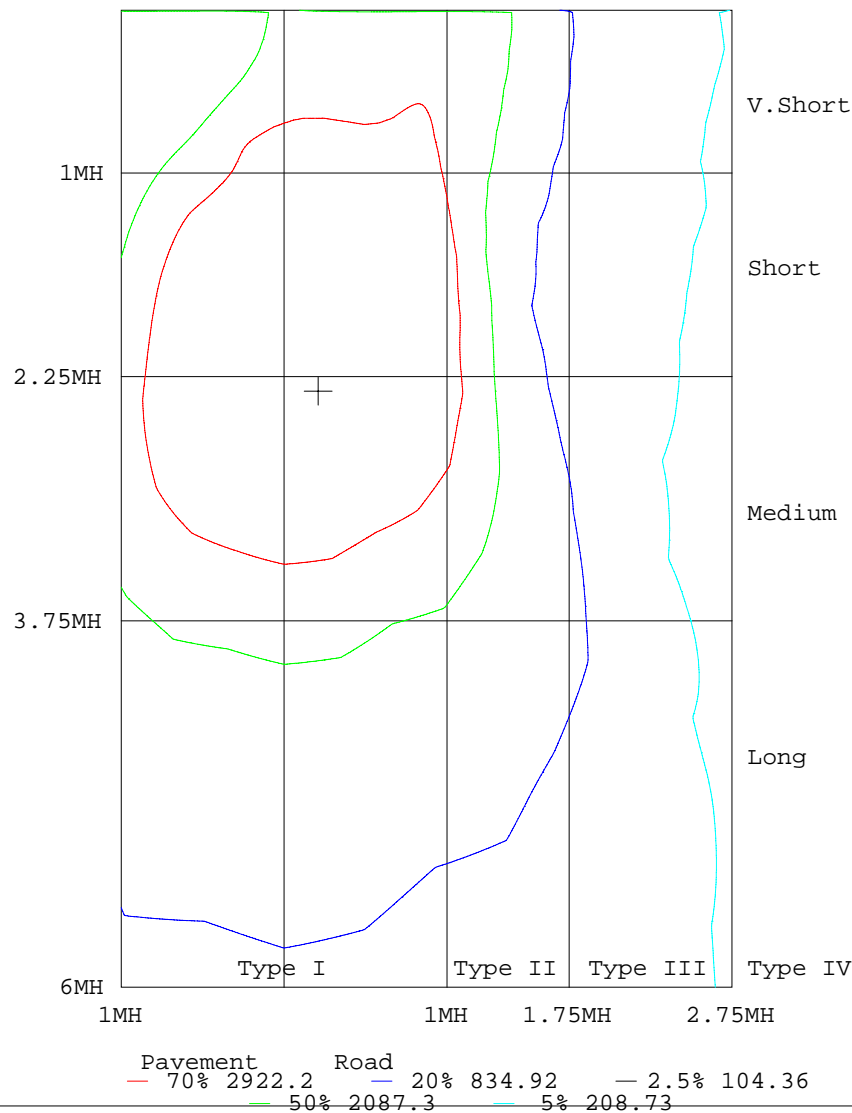
γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity:65.0%  
Test Distance:12.534m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:220.70V I:0.2508A P:54.027W PF:0.9761 Freq:50.00Hz Lamp Flux:9564.69x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740054G 55w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: zhaojicheng  
Test Date: 2023-12-11

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System: EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity: 65.0%  
Test Distance: 12.534m [K=1.0000]  
Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.2508A P:54.027W PF:0.9761 Freq:50.00Hz Lamp Flux:9564.69x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740054G 55w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229
5	2230	2238	2246	2255	2261	2267	2272	2279	2284	2289	2293	2297	2301	2304	2306	2310	2310	2312	2313
10	2237	2251	2266	2279	2292	2303	2312	2321	2329	2336	2341	2346	2349	2354	2355	2360	2360	2363	2365
15	2263	2285	2304	2320	2334	2345	2354	2362	2367	2375	2378	2382	2382	2387	2385	2389	2388	2393	2394
20	2309	2334	2356	2375	2389	2396	2400	2403	2404	2404	2402	2402	2399	2400	2398	2403	2404	2409	2413
25	2392	2417	2440	2449	2452	2453	2450	2446	2441	2437	2433	2432	2430	2432	2432	2439	2444	2450	2456
30	2511	2535	2550	2549	2544	2531	2518	2503	2490	2485	2484	2487	2490	2497	2506	2519	2530	2537	2544
35	2656	2678	2686	2674	2656	2630	2605	2580	2564	2560	2568	2581	2593	2607	2627	2648	2664	2671	2680
40	2833	2860	2864	2835	2802	2760	2722	2690	2676	2682	2703	2722	2746	2766	2788	2807	2816	2822	2826
45	2905	2943	2951	2935	2917	2894	2863	2839	2840	2854	2867	2866	2856	2852	2845	2847	2842	2841	2839
50	3020	3057	3074	3068	3075	3078	3080	3050	2996	2937	2870	2814	2744	2702	2657	2642	2608	2622	2609
55	3142	3190	3243	3299	3376	3361	3252	3091	2888	2716	2549	2421	2280	2201	2098	2077	2030	2021	1989
60	3342	3442	3584	3655	3591	3404	3123	2785	2349	2018	1711	1521	1334	1239	1109	1058	983	981	942
65	3709	3877	3907	3784	3516	3109	2604	1903	1191	797	517	475	423	387	339	329	326	324	318
70	3468	3466	3393	3214	2927	2284	1445	666	320	280	252	233	217	213	201	199	199	206	200
75	1882	1976	1830	1853	1551	1111	397	202	169	156	145	138	126	123	115	111	109	114	111
80	497	540	477	435	332	159	101	84.0	71.9	67.8	61.5	59.1	53.6	53.5	52.5	52.9	52.3	53.3	51.8
85	32.7	39.8	40.3	42.4	33.0	26.5	20.8	18.7	15.8	16.2	14.5	14.7	13.3	13.6	12.9	13.6	13.5	14.0	11.9
90	0.96	0.95	0.84	0.76	0.61	0.46	0.37	0.28	0.27	0.56	0.27	0.21	0.23	0.20	0.42	0.21	0.26	0.21	0.23
95	2.25	2.15	1.96	1.70	1.37	1.09	0.72	0.57	0.32	0.33	0.26	0.29	0.24	0.28	0.28	0.27	0.22	0.26	0.23
100	3.99	3.77	3.49	3.06	2.53	2.03	1.51	1.16	0.78	0.64	0.47	0.49	0.37	0.44	0.32	0.41	0.33	0.39	0.31
105	5.61	5.39	4.99	4.48	3.82	3.15	2.47	1.97	1.46	1.18	0.87	0.85	0.69	0.74	0.63	0.69	0.58	0.66	0.58
110	6.87	6.67	6.20	5.67	4.95	4.25	3.47	2.88	2.27	1.88	1.48	1.36	1.18	1.21	1.10	1.12	1.00	1.07	0.99
115	7.72	7.55	7.11	6.63	5.90	5.22	4.46	3.80	3.12	2.66	2.18	1.98	1.77	1.75	1.62	1.65	1.54	1.62	1.54
120	8.10	7.93	7.59	7.22	6.56	5.97	5.20	4.61	3.89	3.38	2.86	2.62	2.33	2.30	2.16	2.20	2.11	2.17	2.10
125	8.16	7.93	7.67	7.27	6.80	6.22	5.62	5.11	4.42	3.99	3.42	3.17	2.86	2.79	2.64	2.69	2.59	2.66	2.58
130	8.00	7.68	7.54	7.07	6.77	6.19	5.73	5.34	4.74	4.37	3.84	3.57	3.22	3.16	2.98	3.01	2.88	2.97	2.87
135	7.56	7.26	7.16	6.77	6.57	6.11	5.73	5.41	4.89	4.60	4.11	3.88	3.50	3.38	3.17	3.20	3.05	3.11	3.00
140	7.12	6.86	6.80	6.51	6.41	5.98	5.73	5.44	4.99	4.75	4.31	4.08	3.73	3.61	3.36	3.36	3.17	3.24	3.16
145	6.76	6.54	6.56	6.36	6.29	5.97	5.73	5.49	5.09	4.88	4.49	4.30	3.99	3.85	3.60	3.58	3.39	3.47	3.35
150	6.54	6.35	6.43	6.22	6.19	5.97	5.73	5.52	5.18	5.01	4.68	4.52	4.21	4.13	3.88	3.89	3.71	3.76	3.65
155	6.41	6.27	6.34	6.22	6.18	5.97	5.73	5.61	5.28	5.15	4.84	4.76	4.48	4.43	4.21	4.23	4.06	4.14	4.03
160	6.28	6.25	6.29	6.22	6.12	5.98	5.73	5.69	5.40	5.33	5.06	5.03	4.81	4.78	4.58	4.61	4.48	4.55	4.44
165	6.24	6.27	6.29	6.22	6.11	6.02	5.82	5.78	5.55	5.56	5.33	5.34	5.17	5.19	5.00	5.07	4.93	5.03	4.89
170	6.25	6.35	6.31	6.27	6.11	6.11	5.91	5.94	5.74	5.80	5.64	5.67	5.52	5.59	5.46	5.53	5.43	5.52	5.40
175	6.34	6.46	6.34	6.34	6.19	6.21	6.06	6.13	5.99	6.05	5.92	6.02	5.87	5.97	5.85	5.95	5.84	5.96	5.88
180	6.52	6.49	6.36	6.34	6.23	6.23	6.21	6.22	6.20	6.21	6.19	6.21	6.20	6.21	6.20	6.22	6.21	6.24	6.23

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-11

γ Range: 0 - 180DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464

Humidity:65.0%

Test Distance:12.534m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.2508A P:54.027W PF:0.9761 Freq:50.00Hz Lamp Flux:9564.69x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740054G 55w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

Table--2

UNIT: cd

C (DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229
5	2313	2312	2313	2309	2309	2307	2306	2303	2299	2294	2291	2284	2279	2272	2264	2257	2249	2239	2230
10	2366	2364	2367	2364	2365	2363	2362	2358	2355	2349	2345	2337	2330	2321	2308	2297	2284	2265	2248
15	2398	2398	2404	2402	2408	2407	2411	2411	2409	2406	2404	2396	2389	2379	2365	2353	2335	2309	2283
20	2418	2421	2426	2427	2433	2436	2442	2444	2448	2453	2459	2461	2461	2458	2446	2435	2416	2385	2352
25	2461	2461	2464	2463	2467	2470	2479	2488	2497	2508	2523	2536	2549	2561	2562	2561	2544	2507	2471
30	2547	2547	2546	2541	2538	2538	2545	2555	2571	2595	2625	2656	2684	2710	2724	2734	2720	2677	2633
35	2681	2679	2677	2673	2670	2668	2667	2671	2680	2707	2750	2803	2860	2918	2953	2981	2975	2929	2874
40	2829	2832	2835	2831	2825	2818	2813	2815	2820	2849	2907	2993	3079	3160	3212	3255	3261	3209	3146
45	2857	2858	2866	2867	2884	2900	2928	2955	2987	3039	3118	3202	3263	3310	3339	3354	3342	3284	3210
50	2617	2613	2644	2662	2716	2764	2848	2936	3056	3206	3353	3440	3471	3468	3450	3454	3436	3363	3283
55	2014	2014	2075	2105	2208	2298	2452	2600	2828	3114	3412	3607	3730	3753	3679	3615	3564	3482	3399
60	978	987	1072	1124	1260	1373	1585	1797	2142	2611	3112	3485	3784	3939	3979	3900	3764	3639	3570
65	323	325	337	350	406	447	507	586	932	1427	2301	2953	3461	3858	4053	4141	4101	3921	3831
70	205	202	203	206	222	227	244	265	299	366	939	1784	2690	3235	3562	3732	3846	3890	3696
75	115	112	116	122	133	139	151	161	178	196	259	685	1409	1854	2179	2215	2425	2430	2337
80	54.2	55.0	56.3	57.3	59.7	61.1	68.3	72.8	82.1	90.1	111	149	286	496	679	701	835	866	809
85	14.8	14.7	15.7	15.6	17.2	17.6	19.9	20.9	23.8	24.9	30.9	36.6	51.1	66.6	84.8	84.5	91.6	88.0	79.0
90	0.22	0.30	0.45	0.35	0.93	0.46	1.01	0.56	0.71	0.65	0.86	0.83	1.30	1.26	1.73	2.66	10.7	2.99	2.57
95	0.27	0.24	0.27	0.29	0.28	0.28	0.32	0.30	0.36	0.36	0.53	0.67	1.00	1.22	1.59	2.62	10.7	2.75	2.81
100	0.39	0.31	0.41	0.32	0.43	0.38	0.50	0.48	0.60	0.69	1.10	1.48	1.97	2.38	2.82	3.86	11.6	4.48	4.58
105	0.66	0.57	0.69	0.64	0.76	0.71	0.85	0.85	1.09	1.36	1.95	2.52	3.17	3.74	4.30	5.10	8.11	6.07	6.16
110	1.08	1.00	1.12	1.08	1.22	1.21	1.36	1.44	1.80	2.22	2.90	3.55	4.30	4.88	5.49	6.38	8.64	7.21	7.24
115	1.61	1.55	1.66	1.64	1.75	1.74	1.95	2.11	2.57	3.07	3.80	4.42	5.09	5.57	6.31	7.37	9.16	7.84	7.83
120	2.19	2.11	2.21	2.15	2.28	2.27	2.52	2.74	3.27	3.76	4.39	4.86	5.44	5.87	6.53	7.75	9.43	7.88	8.00
125	2.67	2.56	2.66	2.57	2.70	2.70	2.99	3.22	3.72	4.09	4.63	4.94	5.46	5.92	6.53	8.01	9.72	7.60	7.80
130	2.95	2.81	2.92	2.84	3.00	3.03	3.36	3.57	4.03	4.25	4.72	5.01	5.47	5.95	6.38	7.57	10.4	7.16	7.34
135	3.08	3.01	3.08	3.02	3.22	3.31	3.63	3.82	4.19	4.35	4.78	5.03	5.45	5.95	6.25	6.73	12.5	6.65	6.85
140	3.22	3.14	3.27	3.24	3.49	3.54	3.85	4.01	4.32	4.47	4.84	5.06	5.40	5.84	6.04	6.57	11.7	6.27	6.47
145	3.45	3.36	3.53	3.51	3.73	3.82	4.08	4.18	4.45	4.56	4.93	5.09	5.40	5.69	5.88	6.40	7.87	6.00	6.17
150	3.76	3.67	3.82	3.82	4.02	4.03	4.27	4.34	4.62	4.72	5.00	5.11	5.41	5.63	5.82	6.32	6.68	5.87	6.00
155	4.13	4.05	4.16	4.14	4.30	4.30	4.52	4.55	4.81	4.86	5.13	5.19	5.46	5.63	5.79	5.96	6.32	5.87	5.94
160	4.54	4.46	4.56	4.50	4.66	4.64	4.83	4.87	5.07	5.09	5.32	5.36	5.58	5.64	5.81	5.97	6.13	5.91	5.93
165	5.00	4.89	5.01	4.95	5.08	5.05	5.21	5.21	5.37	5.35	5.55	5.53	5.70	5.71	5.89	6.01	6.13	6.02	5.94
170	5.51	5.39	5.49	5.40	5.51	5.45	5.59	5.54	5.69	5.67	5.80	5.74	5.89	5.90	6.07	6.51	6.28	6.18	6.04
175	5.96	5.83	5.93	5.85	5.93	5.84	5.96	5.87	6.01	5.92	6.07	6.03	6.12	6.06	6.26	6.84	11.4	6.42	6.21
180	6.24	6.23	6.24	6.21	6.23	6.21	6.28	6.23	6.24	6.21	6.24	6.23	6.26	6.27	6.37	6.99	11.7	6.53	6.50

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-11

γ Range: 0 - 180DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464

Humidity:65.0%

Test Distance:12.534m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.2508A P:54.027W PF:0.9761 Freq:50.00Hz Lamp Flux:9564.69x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740054G 55w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

Table--3

UNIT: cd

C (DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229
5	2220	2211	2201	2190	2179	2170	2160	2150	2141	2132	2125	2117	2113	2107	2105	2100	2101	2098	2102
10	2225	2206	2183	2160	2135	2112	2089	2066	2045	2024	2006	1988	1974	1960	1955	1946	1947	1945	1949
15	2251	2219	2182	2144	2103	2064	2023	1982	1942	1905	1874	1842	1818	1795	1781	1768	1767	1764	1771
20	2312	2269	2214	2157	2092	2028	1963	1903	1846	1789	1740	1694	1657	1622	1601	1582	1577	1573	1583
25	2416	2355	2275	2194	2103	2016	1925	1834	1750	1672	1598	1529	1474	1426	1397	1371	1364	1362	1378
30	2562	2486	2384	2278	2156	2029	1900	1776	1652	1539	1439	1350	1282	1227	1193	1166	1161	1164	1184
35	2788	2688	2549	2398	2230	2067	1888	1713	1551	1407	1290	1194	1126	1076	1048	1036	1034	1036	1047
40	3035	2909	2741	2555	2333	2111	1882	1657	1469	1315	1200	1131	1094	1081	1073	1074	1070	1073	1069
45	3110	2986	2836	2659	2434	2171	1889	1634	1426	1288	1228	1200	1179	1175	1167	1171	1170	1167	1157
50	3183	3076	2947	2794	2576	2282	1909	1589	1384	1314	1274	1248	1234	1230	1230	1236	1234	1227	1219
55	3311	3231	3112	2933	2663	2273	1787	1421	1319	1264	1226	1199	1178	1152	1142	1121	1120	1116	1131
60	3505	3409	3209	2927	2546	2001	1413	1175	1107	1047	1002	935	881	834	816	795	798	796	813
65	3678	3434	3127	2705	2115	1392	898	790	730	658	590	515	481	442	433	418	418	416	429
70	3489	3183	2741	2067	1285	625	422	351	313	270	236	206	197	195	205	206	207	204	200
75	2308	2079	1680	998	426	177	166	153	143	131	127	121	118	115	118	119	121	119	116
80	822	503	350	169	92.7	81.6	76.5	69.0	68.3	63.0	61.7	59.3	59.0	55.9	56.1	55.5	56.4	54.4	54.1
85	70.7	44.5	36.9	29.1	26.6	23.3	21.6	19.2	19.5	18.3	18.7	16.9	17.1	15.7	15.3	13.5	14.3	12.8	14.0
90	2.70	2.11	1.98	1.39	1.19	0.79	0.65	0.41	0.83	0.31	0.26	0.28	0.25	0.26	0.23	0.27	0.22	0.23	0.22
95	2.73	2.53	2.22	1.84	1.48	1.03	0.74	0.43	0.41	0.32	0.36	0.28	0.34	0.28	0.31	0.23	0.32	0.23	0.32
100	4.46	4.21	3.77	3.28	2.74	2.14	1.59	1.07	0.81	0.61	0.62	0.50	0.55	0.48	0.50	0.41	0.50	0.42	0.52
105	6.04	5.74	5.30	4.77	4.16	3.48	2.83	2.20	1.74	1.38	1.26	1.10	1.08	0.97	1.01	0.92	0.99	0.93	1.01
110	7.18	6.83	6.47	5.92	5.40	4.81	4.22	3.52	3.03	2.58	2.35	2.14	2.06	1.93	1.91	1.85	1.87	1.83	1.90
115	7.84	7.54	7.25	6.76	6.39	5.87	5.39	4.81	4.37	3.95	3.65	3.41	3.30	3.16	3.13	3.10	3.07	3.04	3.11
120	7.95	7.84	7.53	7.20	6.98	6.58	6.29	5.84	5.49	5.13	4.93	4.72	4.63	4.53	4.49	4.46	4.47	4.42	4.47
125	7.69	7.73	7.46	7.27	7.08	6.90	6.79	6.51	6.38	6.13	6.03	5.87	5.85	5.76	5.79	5.77	5.79	5.74	5.78
130	7.30	7.36	7.19	7.22	7.01	6.99	6.87	6.81	6.75	6.65	6.71	6.61	6.71	6.66	6.77	6.74	6.81	6.73	6.78
135	6.82	6.96	6.84	6.94	6.84	6.89	6.79	6.85	6.75	6.80	6.86	6.88	6.94	7.02	7.09	7.18	7.22	7.18	7.18
140	6.40	6.58	6.51	6.66	6.58	6.70	6.61	6.73	6.65	6.79	6.74	6.89	6.91	7.02	7.08	7.20	7.19	7.21	7.18
145	6.14	6.30	6.26	6.44	6.35	6.52	6.50	6.62	6.53	6.71	6.68	6.83	6.79	6.96	6.92	7.10	7.01	7.11	7.00
150	5.97	6.13	6.07	6.26	6.20	6.37	6.32	6.49	6.42	6.60	6.54	6.72	6.68	6.85	6.79	6.95	6.84	6.93	6.79
155	5.97	6.06	6.08	6.18	6.19	6.30	6.24	6.42	6.35	6.53	6.51	6.65	6.58	6.74	6.69	6.84	6.73	6.83	6.70
160	5.98	6.03	6.08	6.14	6.19	6.26	6.24	6.39	6.33	6.48	6.43	6.60	6.52	6.68	6.60	6.75	6.67	6.76	6.61
165	6.01	6.04	6.11	6.14	6.21	6.25	6.24	6.37	6.32	6.46	6.37	6.56	6.51	6.62	6.53	6.69	6.56	6.69	6.56
170	6.11	6.05	6.18	6.15	6.21	6.25	6.24	6.35	6.29	6.41	6.35	6.52	6.41	6.56	6.49	6.62	6.53	6.62	6.54
175	6.26	6.16	6.27	6.19	6.21	6.25	6.24	6.34	6.27	6.39	6.31	6.42	6.36	6.47	6.38	6.51	6.40	6.52	6.39
180	6.40	6.30	6.31	6.21	6.21	6.25	6.24	6.29	6.27	6.27	6.26	6.29	6.26	6.31	6.28	6.31	6.31	6.34	6.30

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-11

γ Range: 0 - 180DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464

Humidity:65.0%

Test Distance:12.534m [K=1.0000]

Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.70V I:0.2508A P:54.027W PF:0.9761 Freq:50.00Hz Lamp Flux:9564.69x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 2.3		
SPEC.: AL6740054G 55w4000K With glass									DIM.: 45*19*9						SERIAL No.: 001		
MFR.: Americanlite									SUR.: 16.5*16.5						Shielding Angle:		

Table--4

UNIT: cd

C (DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229	2229				
5	2104	2107	2112	2118	2125	2133	2140	2150	2160	2169	2180	2190	2200	2210	2221				
10	1954	1965	1976	1992	2008	2028	2047	2067	2090	2111	2135	2157	2178	2198	2218				
15	1779	1796	1816	1845	1874	1909	1945	1981	2021	2059	2099	2136	2172	2204	2235				
20	1597	1622	1654	1697	1743	1796	1853	1912	1972	2027	2085	2137	2188	2231	2273				
25	1402	1442	1491	1554	1623	1699	1777	1858	1945	2025	2106	2177	2245	2300	2351				
30	1212	1257	1315	1393	1482	1587	1697	1811	1928	2035	2147	2246	2336	2406	2466				
35	1069	1107	1162	1245	1348	1478	1624	1779	1937	2082	2220	2337	2444	2529	2603				
40	1072	1073	1094	1140	1233	1368	1536	1728	1931	2118	2298	2454	2587	2690	2773				
45	1156	1154	1163	1174	1212	1319	1496	1711	1938	2146	2335	2498	2639	2757	2834				
50	1218	1216	1227	1238	1261	1304	1457	1714	1996	2230	2433	2590	2730	2844	2862				
55	1144	1171	1192	1211	1237	1271	1333	1600	1965	2303	2563	2750	2884	2968	2809				
60	829	876	929	996	1034	1080	1124	1258	1703	2203	2578	2860	3066	3181	3082				
65	438	473	509	579	642	709	752	839	1129	1769	2340	2792	3121	3380	3238				
70	189	191	206	225	255	293	328	390	488	990	1697	2341	2800	2821	2862				
75	111	113	114	118	123	136	145	156	165	270	688	1293	1626	1660	1683				
80	52.9	54.2	53.5	55.1	55.8	59.9	59.0	64.9	67.5	79.3	110	214	274	501	542				
85	13.8	14.4	13.8	14.7	13.7	14.0	13.2	14.4	14.4	16.4	17.7	18.7	24.0	28.5	36.5				
90	0.33	0.24	0.26	0.23	0.40	0.77	0.31	0.40	0.56	0.75	0.97	1.20	1.42	1.90	3.22				
95	0.28	0.33	0.28	0.36	0.29	0.42	0.49	0.84	1.14	1.59	1.99	2.44	2.86	3.48	4.87				
100	0.45	0.56	0.49	0.63	0.64	0.91	1.18	1.69	2.19	2.80	3.41	4.06	4.63	5.34	6.74				
105	0.95	1.09	1.10	1.28	1.45	1.84	2.31	2.88	3.49	4.21	4.91	5.62	6.28	7.10	8.50				
110	1.92	2.04	2.13	2.35	2.62	3.08	3.59	4.23	4.85	5.56	6.26	7.02	7.68	8.48	9.83				
115	3.13	3.25	3.38	3.64	3.97	4.43	4.91	5.52	6.13	6.83	7.51	8.19	8.69	9.35	10.6				
120	4.49	4.60	4.73	4.98	5.28	5.69	6.13	6.70	7.24	7.86	8.37	8.88	9.12	9.55	10.9				
125	5.78	5.88	5.97	6.19	6.42	6.78	7.09	7.56	7.88	8.26	8.56	8.78	9.09	9.28	10.8				
130	6.75	6.85	6.86	7.06	7.20	7.46	7.61	7.80	8.02	8.21	8.42	8.39	8.54	8.68	10.2				
135	7.18	7.19	7.22	7.28	7.39	7.52	7.68	7.67	7.87	7.84	7.97	7.86	7.94	8.05	9.93				
140	7.22	7.17	7.25	7.22	7.38	7.32	7.48	7.39	7.54	7.43	7.56	7.41	7.48	7.56	9.61				
145	7.07	6.98	7.10	7.01	7.15	7.07	7.21	7.10	7.24	7.13	7.25	7.10	7.12	7.11	9.38				
150	6.91	6.78	6.90	6.84	6.93	6.84	6.97	6.87	7.01	6.87	6.99	6.84	6.94	7.02	9.56				
155	6.80	6.68	6.78	6.66	6.77	6.66	6.79	6.68	6.82	6.70	6.79	6.65	6.78	6.90	9.84				
160	6.72	6.57	6.70	6.56	6.67	6.56	6.67	6.55	6.68	6.54	6.65	6.49	6.64	6.89	10.2				
165	6.66	6.54	6.63	6.50	6.61	6.49	6.58	6.42	6.54	6.41	6.52	6.39	6.53	6.89	10.5				
170	6.60	6.51	6.57	6.43	6.54	6.40	6.50	6.37	6.47	6.38	6.43	6.36	6.47	6.89	10.9				
175	6.51	6.37	6.47	6.37	6.46	6.37	6.43	6.34	6.41	6.33	6.39	6.34	6.46	6.89	11.4				
180	6.31	6.27	6.31	6.27	6.31	6.30	6.31	6.29	6.32	6.32	6.33	6.33	6.44	6.89	11.7				

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-11

γ Range: 0 - 180DEG

γ Interval: 0.5DEG

Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464

Humidity:65.0%

Test Distance:12.534m [K=1.0000]

Remarks: