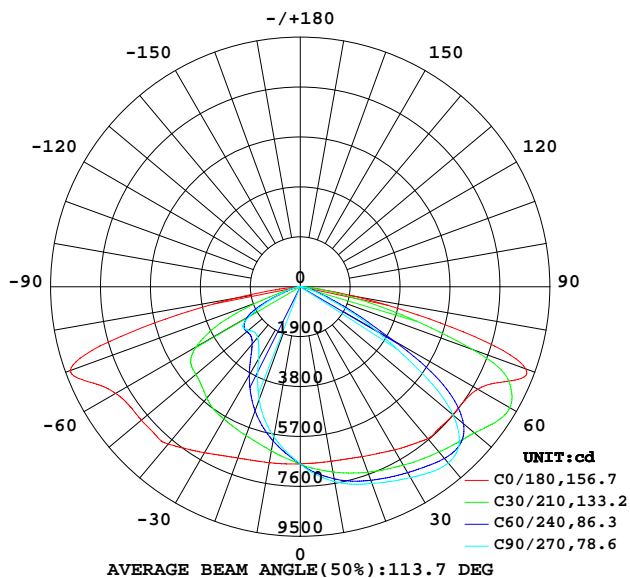
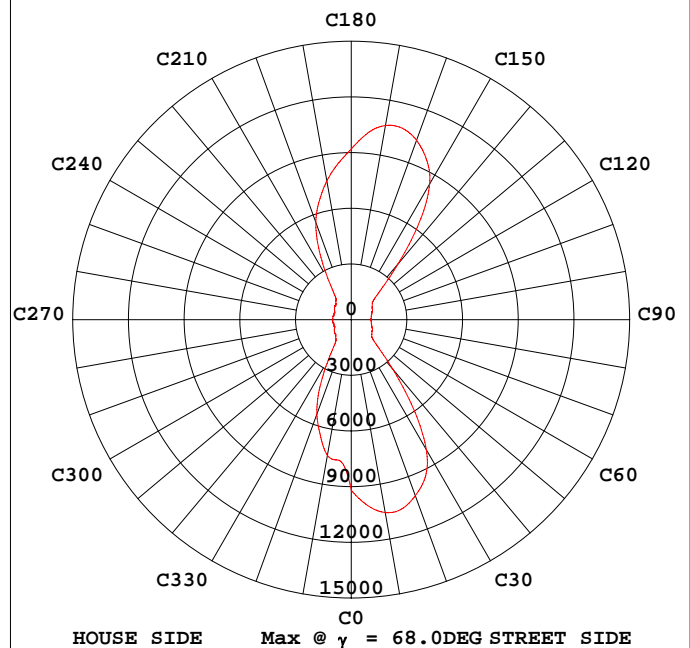


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.26V I:0.6817A P:145.71W PF:0.9661 Freq:50.00Hz Lamp Flux:26518.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124G 150w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 181.99 lm/W
MODEL	150W4000K	I <sub>max</sub> (cd)	10675	η street_up(%)	0.1	
NOMINAL POWER(W)	150	LOR(%)	100.0	η street_down(%)	62.6	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	26518	η house_up(%)	0.2	
NOMINAL FLUX(lm)	26518.2	MAXIMUM @(C,γ )	165,68.0	η house_down(%)	37.1	
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100	
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	22.749	

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℃  
Operators:yangbin  
Test Date:2023-11-27

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:221.26V I:0.6817A P:145.71W PF:0.9661 Freq:50.00Hz  
Lamp Flux:26518.2x1 lm

NAME: Skylite

TYPE: LED

WEIGHT: 3

SPEC.: AL6740124G 150w4000K With glass

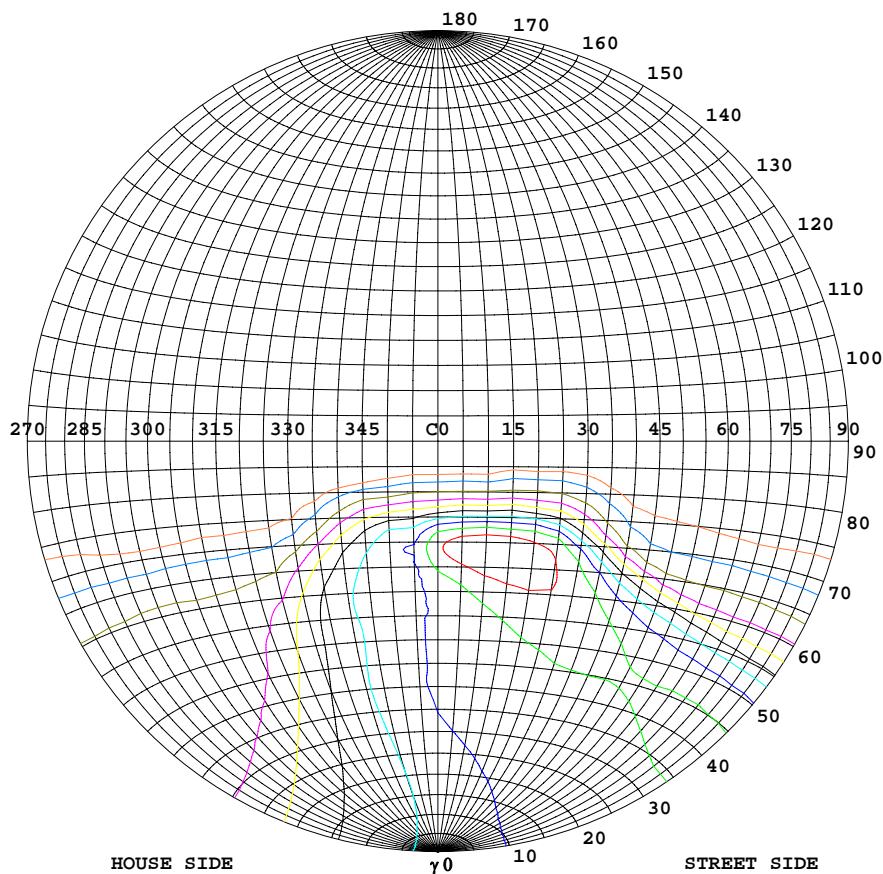
DIM.: 48\*27\*10

SERIAL No.: 001

MFR.: Americanlite

SUR.: 23\*19

Shielding Angle:



## Classification:

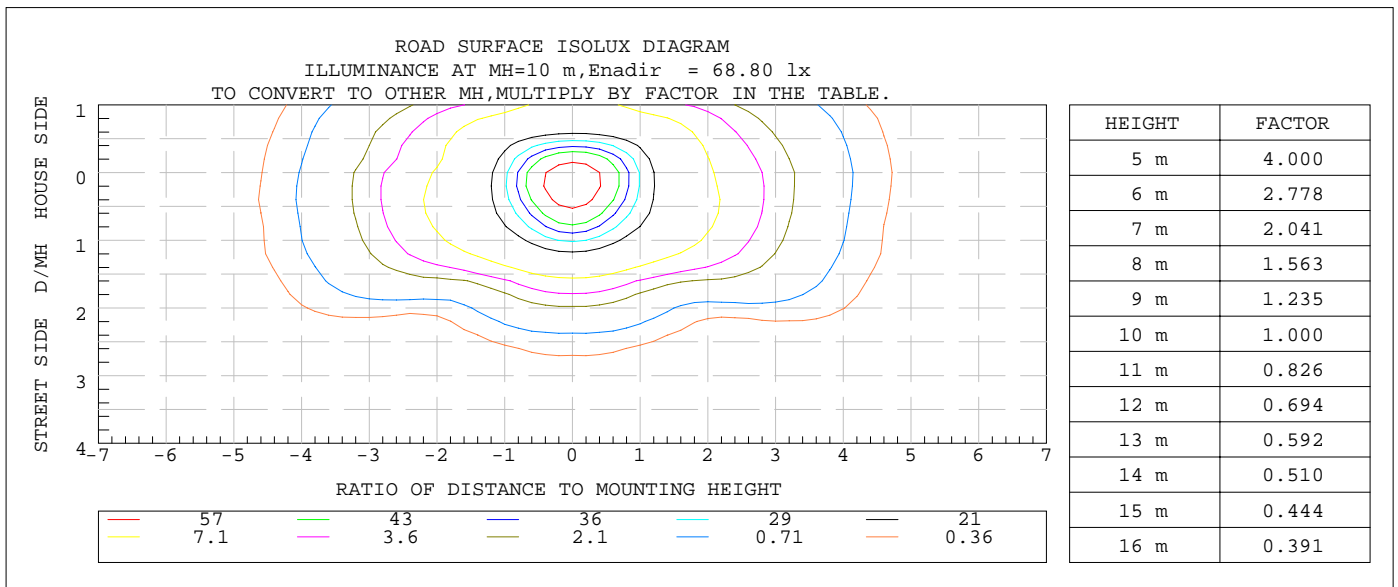
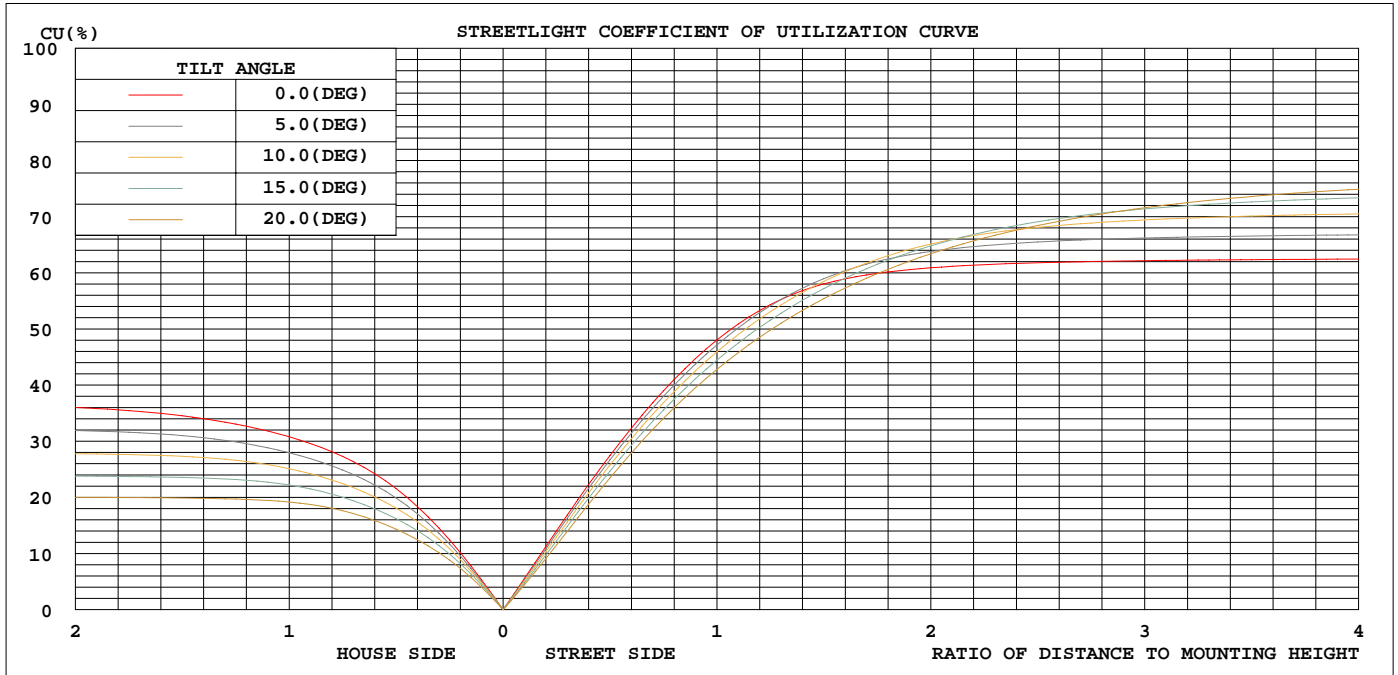
IES:Type II - Medium  
CIE:Average - Intermediate  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:94.26cd/klm  
Max.At90:0.6991cd/klm  
Max.80-90:94.26cd/klm

ISOCANDELA DIAGRAM		
UNIT	cd	
Imax=100%	10675	
90%	9607	
80%	8540	
70%	7472	
60%	6405	
50%	5337	
40%	4270	
30%	3202	
20%	2135	
10%	1067	
5%	534	

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-11-27

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: yangbin  
Test Date: 2023-11-27

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:

## ZONAL FLUX DIAGRAM

Test:U:221.26V I:0.6817A P:145.71W PF:0.9661 Freq:50.00Hz Lamp Flux:26518.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124G 150w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

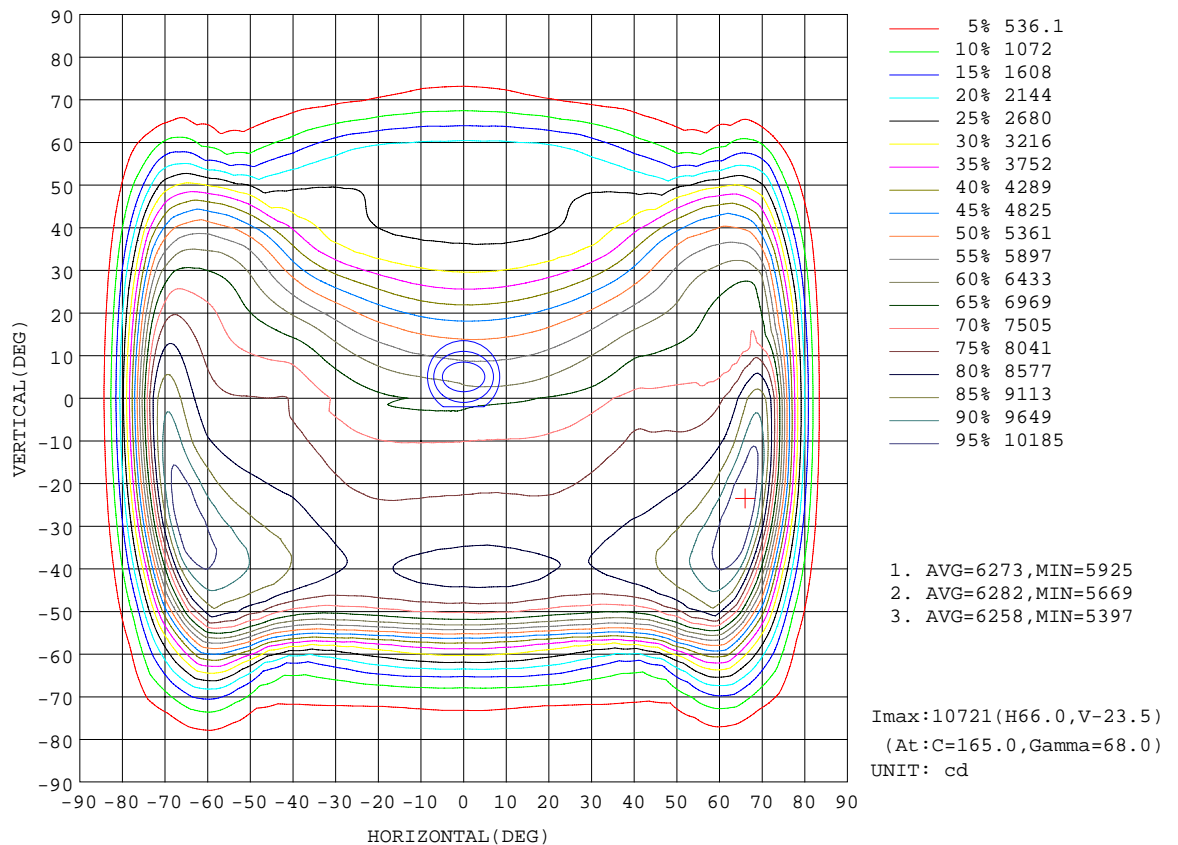
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	674.4	729.0	752.9	734.1	679.9	613.4	579.5	610.2	0- 10	642.8	642.8	2.42,2.42
20	688.1	767.9	796.9	774.8	693.7	551.3	457.6	546.7	10- 20	1888	2531	9.54,9.54
30	717.0	797.3	838.8	805.3	729.4	479.2	317.6	471.7	20- 30	3018	5548	20.9,20.9
40	754.8	832.5	875.5	844.2	781.8	380.8	252.7	376.6	30- 40	4038	9586	36.1,36.1
50	758.0	855.7	759.0	876.5	789.9	308.3	258.4	304.3	40- 50	4922	14508	54.7,54.7
60	780.1	666.7	332.6	695.6	811.5	250.7	221.2	247.9	50- 60	5225	19733	74.4,74.4
70	912.8	128.1	80.47	143.8	930.7	82.46	80.75	83.68	60- 70	4314	24048	90.7,90.7
80	209.2	27.59	20.21	30.09	246.7	17.10	15.84	16.97	70- 80	2176	26224	98.9,98.9
90	0.3449	0.1122	0.0754	0.1473	0.4962	0.1250	0.0726	0.1298	80- 90	224.0	26448	99.7,99.7
100	1.038	0.1564	0.1291	0.1702	1.135	0.4646	0.1807	0.4806	90-100	3.689	26452	99.7,99.7
110	1.607	0.3996	0.3174	0.4150	1.686	1.108	0.5620	1.107	100-110	7.478	26459	99.8,99.8
120	1.851	0.6792	0.5350	0.6957	1.849	1.634	1.235	1.689	110-120	11.07	26470	99.8,99.8
130	1.804	0.8981	0.6592	0.8898	1.731	1.847	1.852	2.019	120-130	12.52	26483	99.9,99.9
140	1.709	1.072	0.7542	1.028	1.641	1.892	2.067	2.035	130-140	11.68	26494	99.9,99.9
150	1.683	1.247	0.9526	1.174	1.629	1.885	2.042	1.974	140-150	9.785	26504	99.9,99.9
160	1.699	1.421	1.229	1.363	1.672	1.864	1.989	1.909	150-160	7.497	26512	100,100
170	1.777	1.622	1.534	1.599	1.772	1.859	1.921	1.871	160-170	4.824	26516	100,100
180	1.853	1.800	1.807	1.807	1.858	1.808	1.816	1.809	170-180	1.717	26518	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-27

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

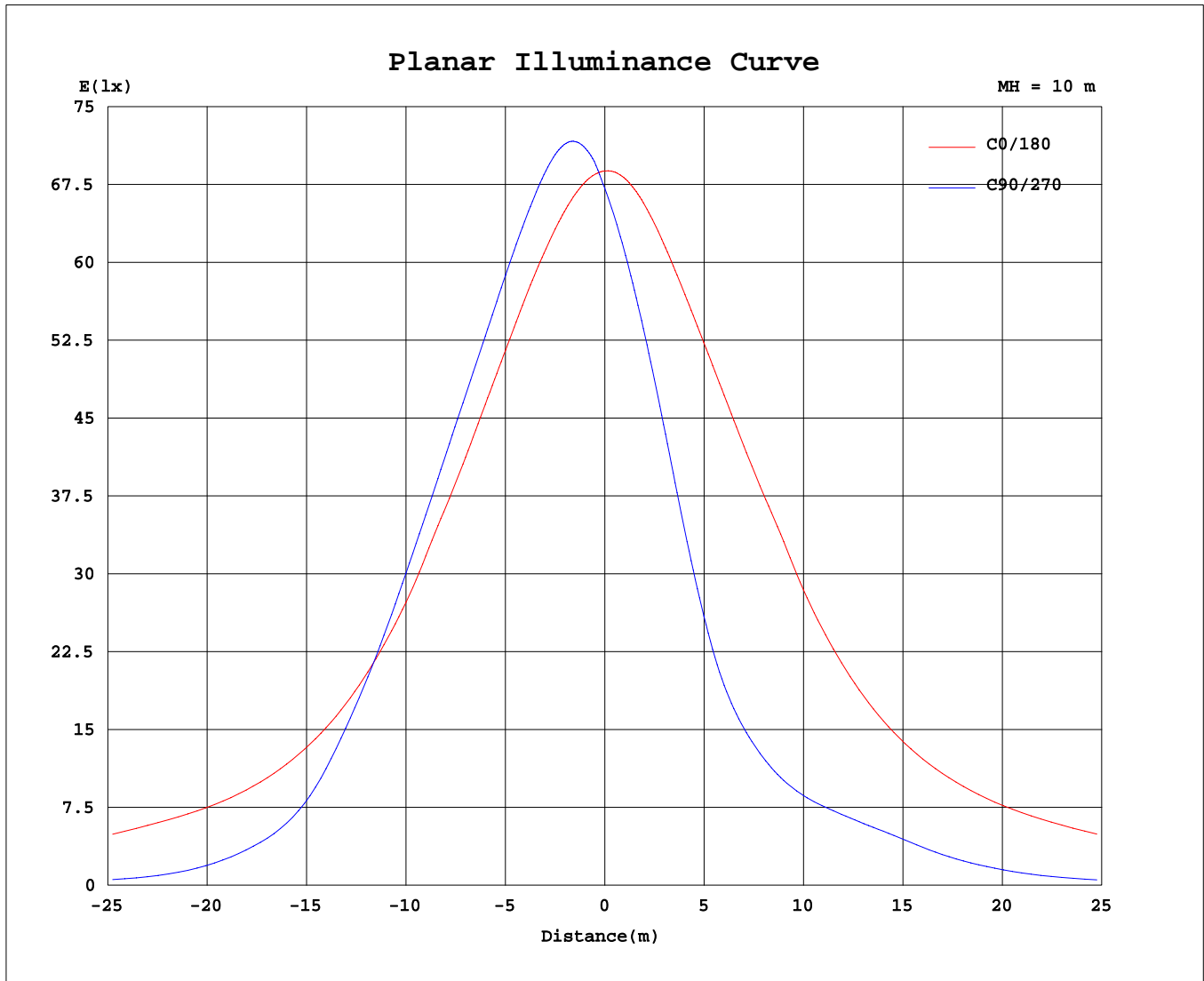
Test:U:221.26V I:0.6817A P:145.71W PF:0.9661 Freq:50.00Hz Lamp Flux:26518.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124G 150w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-11-27

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



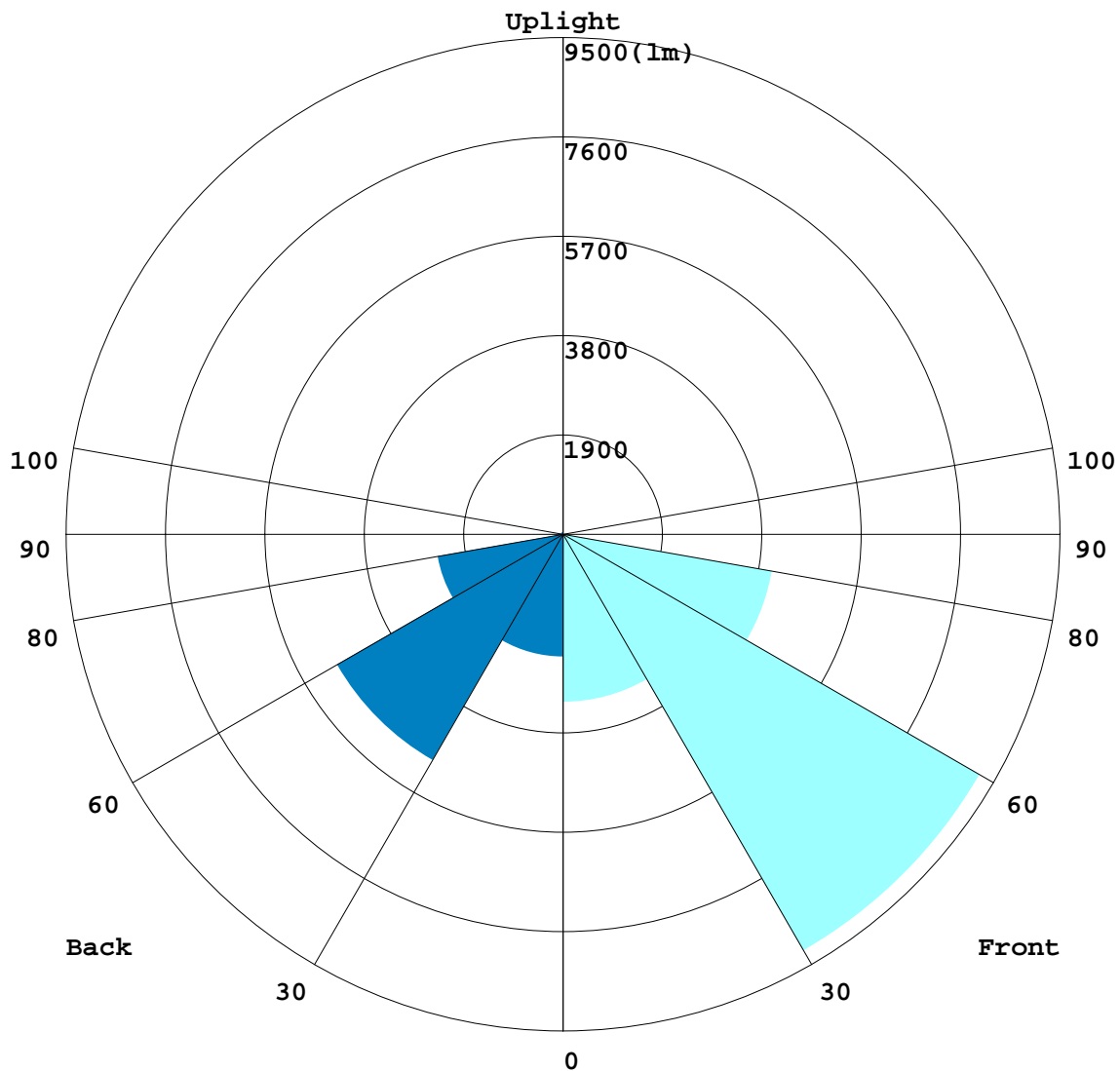
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: yangbin  
Test Date: 2023-11-27

$\gamma$  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:221.26V I:0.6817A P:145.71W PF:0.9661 Freq:50.00Hz Lamp Flux:26518.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124G 150w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-11-27

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:221.26V I:0.6817A P:145.71W PF:0.9661 Freq:50.00Hz Lamp Flux:26518.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124G 150w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3207.1	12.1
FM - Front-Medium(30-60)	9196.2	34.7
FH - Front-High(60-80)	4056.5	15.3
FVH - Front-Very High(80-90)	147.31	0.6
Total Forward Light	16634	62.7

BL - Back-Low(0-30)	2341.3	8.8
BM - Back-Medium(30-60)	4988.7	18.8
BH - Back-High(60-80)	2434	9.2
BVH - Back-Very High(80-90)	76.716	0.3
Total Back Light	9884.4	37.3

UL - Uplight-Low(90-100)	3.6889	0.0
UH - Uplight-High(100-180)	66.57	0.3
Total Up Light	70.259	0.3

BUG(Back,Up,Glare) Rating	B3-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	9840.8	43.611	9884.4
Street Side	16607	26.648	16634

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-27

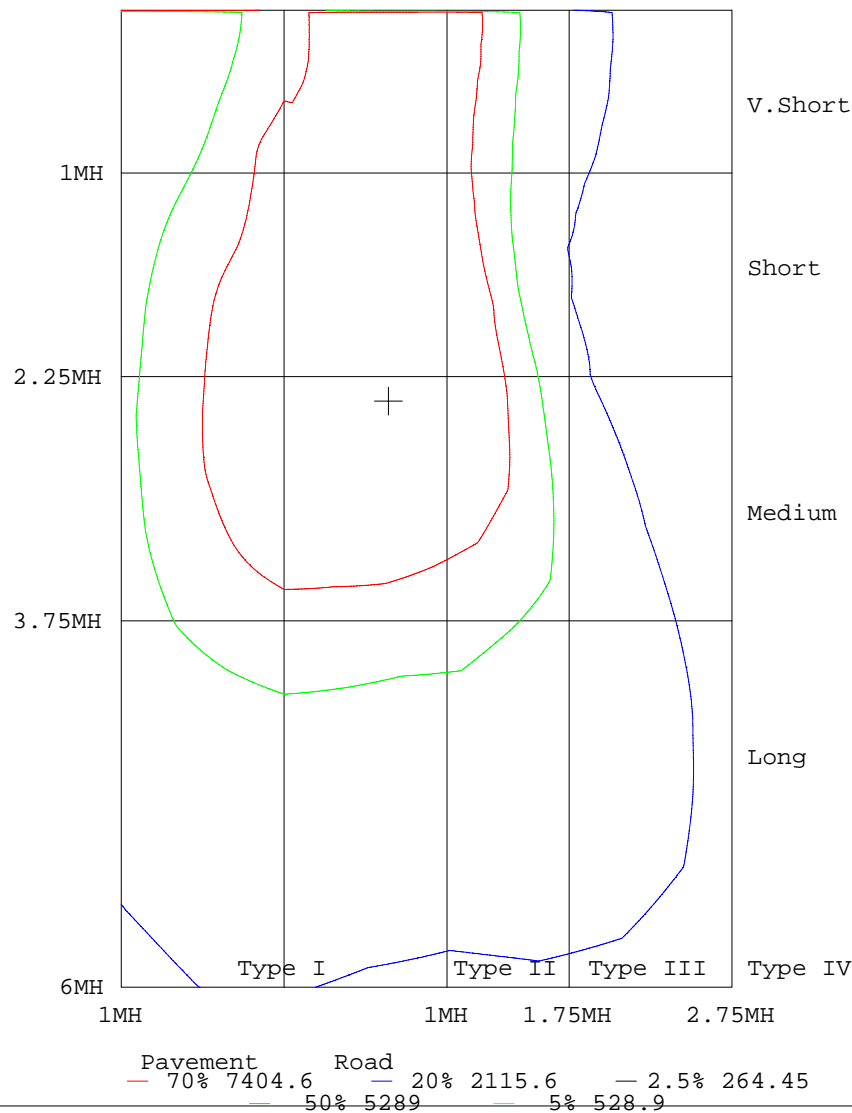
γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity:65.0%  
Test Distance:12.534m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:221.26V I:0.6817A P:145.71W PF:0.9661 Freq:50.00Hz Lamp Flux:26518.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124G 150w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: yangbin  
Test Date: 2023-11-27

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:221.26V I:0.6817A P:145.71W PF:0.9661 Freq:50.00Hz Lamp Flux:26518.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124G 150w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

Table--1

UNIT: X10cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674
5	673	677	681	684	691	691	696	698	703	703	708	708	712	712	715	714	717	716	719
10	674	682	689	696	705	708	716	719	726	729	735	737	742	743	748	748	751	751	753
15	679	689	699	708	719	725	734	739	748	751	758	761	766	768	772	773	776	776	778
20	688	700	712	723	736	742	751	756	764	768	775	778	784	786	791	792	795	795	797
25	700	714	728	739	753	758	767	771	779	782	789	793	800	804	810	812	816	815	817
30	717	733	747	759	772	776	784	788	794	797	804	809	817	822	829	832	837	837	839
35	735	752	768	780	792	796	803	805	812	815	822	826	835	841	849	854	860	861	862
40	755	775	791	801	812	814	821	824	829	832	840	844	853	859	867	870	874	874	875
45	755	779	798	812	826	833	842	844	849	849	852	853	855	857	859	858	856	855	854
50	758	783	804	823	841	851	866	869	868	856	841	826	811	799	787	780	769	766	759
55	760	791	820	847	875	891	902	890	860	814	766	726	681	644	607	584	561	556	549
60	780	821	870	911	942	942	921	863	770	667	575	495	409	369	347	343	335	336	333
65	856	925	997	1023	1011	959	880	742	545	388	262	222	208	204	193	188	177	174	168
70	913	991	1015	1013	960	902	695	464	233	128	106	101	94.6	90.4	84.3	84.9	83.9	82.6	80.5
75	597	642	649	652	620	535	374	195	89.2	64.7	57.7	52.4	46.8	43.7	42.1	41.9	42.4	43.6	43.6
80	209	215	217	234	231	205	141	72.2	33.1	27.6	24.3	23.7	21.5	20.8	20.3	20.9	20.3	20.7	20.2
85	23.6	16.9	25.9	33.5	32.1	31.8	28.7	15.2	7.45	6.90	6.35	6.41	6.05	6.07	5.74	5.99	5.48	4.65	4.24
90	0.34	0.31	0.28	0.23	0.19	0.15	0.12	0.11	0.10	0.11	0.10	0.12	0.10	0.12	0.11	0.13	0.11	0.10	0.08
95	0.67	0.58	0.51	0.41	0.33	0.25	0.18	0.13	0.10	0.10	0.09	0.09	0.08	0.09	0.08	0.09	0.08	0.09	0.08
100	1.04	0.92	0.82	0.67	0.56	0.43	0.33	0.24	0.18	0.16	0.14	0.14	0.13	0.14	0.13	0.13	0.13	0.13	0.13
105	1.36	1.24	1.11	0.94	0.80	0.64	0.51	0.40	0.31	0.26	0.23	0.23	0.22	0.22	0.21	0.22	0.21	0.21	0.21
110	1.61	1.49	1.35	1.18	1.02	0.85	0.71	0.58	0.47	0.40	0.35	0.33	0.32	0.32	0.32	0.32	0.32	0.32	0.32
115	1.77	1.67	1.54	1.38	1.21	1.04	0.89	0.75	0.63	0.54	0.48	0.45	0.44	0.44	0.43	0.43	0.43	0.43	0.43
120	1.85	1.78	1.65	1.51	1.35	1.19	1.04	0.90	0.78	0.68	0.61	0.56	0.54	0.54	0.53	0.53	0.53	0.54	0.54
125	1.86	1.77	1.67	1.54	1.41	1.28	1.14	1.02	0.90	0.80	0.72	0.67	0.63	0.62	0.61	0.61	0.61	0.61	0.61
130	1.80	1.72	1.64	1.54	1.43	1.32	1.21	1.10	0.99	0.90	0.81	0.76	0.71	0.69	0.67	0.67	0.66	0.66	0.66
135	1.75	1.67	1.61	1.54	1.45	1.36	1.26	1.18	1.08	0.99	0.90	0.84	0.79	0.76	0.72	0.72	0.70	0.70	0.70
140	1.71	1.65	1.60	1.54	1.48	1.40	1.32	1.24	1.15	1.07	0.99	0.93	0.87	0.83	0.80	0.78	0.76	0.76	0.75
145	1.68	1.64	1.60	1.56	1.51	1.45	1.37	1.30	1.23	1.16	1.09	1.03	0.97	0.93	0.89	0.87	0.84	0.84	0.84
150	1.68	1.65	1.62	1.59	1.55	1.50	1.43	1.37	1.31	1.25	1.18	1.13	1.07	1.04	1.00	0.98	0.96	0.96	0.95
155	1.69	1.67	1.65	1.63	1.59	1.55	1.49	1.44	1.38	1.33	1.28	1.24	1.19	1.16	1.13	1.11	1.10	1.09	1.09
160	1.70	1.70	1.68	1.68	1.64	1.60	1.55	1.51	1.46	1.42	1.38	1.35	1.32	1.30	1.27	1.26	1.24	1.24	1.23
165	1.73	1.74	1.73	1.72	1.68	1.65	1.61	1.58	1.54	1.52	1.49	1.47	1.45	1.43	1.41	1.40	1.39	1.38	1.38
170	1.78	1.80	1.77	1.76	1.73	1.71	1.67	1.66	1.63	1.62	1.60	1.59	1.58	1.57	1.56	1.55	1.54	1.54	1.53
175	1.83	1.84	1.81	1.80	1.77	1.76	1.74	1.73	1.72	1.72	1.70	1.71	1.70	1.70	1.69	1.69	1.68	1.69	1.68
180	1.85	1.86	1.83	1.82	1.81	1.81	1.80	1.80	1.80	1.80	1.80	1.80	1.80	1.81	1.81	1.81	1.81	1.81	1.81

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-27

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:221.26V I:0.6817A P:145.71W PF:0.9661 Freq:50.00Hz Lamp Flux:26518.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124G 150w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

Table--2

UNIT: X10cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674
5	716	719	716	717	714	714	710	711	706	706	701	701	694	692	688	684	680	677	673
10	751	753	750	751	747	746	741	740	734	732	725	722	714	710	702	695	687	680	672
15	776	778	775	775	771	771	766	764	757	754	746	741	732	726	715	706	696	685	674
20	796	797	794	794	790	788	783	781	775	771	764	759	749	743	731	720	708	694	681
25	816	816	813	812	807	805	798	796	790	787	780	776	767	761	749	738	725	709	693
30	837	837	833	831	824	821	814	811	805	803	797	794	787	783	773	762	748	729	712
35	860	859	854	851	844	839	831	828	823	822	817	817	811	809	800	789	775	754	734
40	874	874	870	867	860	856	850	849	844	845	842	843	837	836	828	820	805	782	760
45	855	856	857	858	858	860	860	864	866	872	871	870	864	858	847	833	815	788	761
50	764	768	780	789	804	820	837	856	877	896	902	902	888	876	859	842	821	790	761
55	561	569	592	616	653	691	738	782	839	893	931	945	932	914	885	859	829	792	763
60	337	336	345	352	378	426	513	595	696	809	907	965	982	977	946	905	859	811	781
65	174	177	187	193	203	209	226	276	419	590	792	915	992	1034	1036	1007	940	868	820
70	82.9	84.3	85.4	85.2	91.5	96.2	104	111	144	270	516	745	922	977	1036	1038	1009	931	835
75	43.5	42.5	42.4	43.2	45.6	49.2	54.7	61.0	70.9	108	234	415	571	648	678	684	680	664	612
80	20.8	20.5	21.3	20.8	21.6	22.6	25.1	25.8	30.1	39.6	86.5	161	225	249	250	234	239	247	242
85	4.87	5.66	6.16	5.97	6.37	6.43	6.90	6.94	7.77	9.00	20.2	34.1	38.4	39.0	46.3	30.7	23.3	30.8	28.6
90	0.10	0.11	0.14	0.12	0.21	0.12	0.14	0.12	0.15	0.13	0.16	0.16	0.22	0.24	0.33	0.73	1.85	0.50	0.48
95	0.09	0.08	0.09	0.08	0.09	0.09	0.10	0.10	0.11	0.12	0.16	0.22	0.29	0.38	0.47	0.94	2.09	0.76	0.82
100	0.14	0.13	0.14	0.13	0.14	0.14	0.15	0.15	0.17	0.20	0.28	0.39	0.50	0.64	0.75	1.01	2.13	1.14	1.22
105	0.21	0.21	0.22	0.22	0.22	0.23	0.23	0.24	0.27	0.34	0.45	0.59	0.73	0.90	1.04	1.29	1.65	1.46	1.55
110	0.32	0.32	0.32	0.32	0.33	0.33	0.34	0.36	0.42	0.51	0.63	0.79	0.94	1.10	1.26	1.51	1.84	1.69	1.76
115	0.44	0.43	0.43	0.43	0.44	0.44	0.46	0.49	0.56	0.67	0.80	0.94	1.09	1.23	1.42	1.65	1.97	1.82	1.89
120	0.54	0.53	0.54	0.53	0.54	0.54	0.56	0.61	0.70	0.80	0.92	1.04	1.16	1.29	1.47	1.75	2.01	1.85	1.91
125	0.62	0.61	0.61	0.60	0.61	0.62	0.66	0.72	0.80	0.90	1.00	1.10	1.21	1.32	1.46	1.99	2.01	1.81	1.88
130	0.66	0.66	0.66	0.66	0.68	0.70	0.75	0.81	0.89	0.97	1.06	1.14	1.25	1.36	1.50	1.60	2.00	1.73	1.80
135	0.71	0.70	0.71	0.71	0.74	0.77	0.83	0.89	0.96	1.03	1.11	1.19	1.29	1.39	1.49	1.87	1.98	1.68	1.73
140	0.76	0.76	0.77	0.79	0.82	0.86	0.91	0.96	1.03	1.09	1.17	1.24	1.32	1.41	1.51	1.58	1.65	1.64	1.69
145	0.85	0.85	0.87	0.88	0.91	0.95	1.00	1.04	1.10	1.15	1.22	1.28	1.36	1.42	1.50	1.79	1.71	1.63	1.67
150	0.96	0.97	0.98	0.99	1.02	1.05	1.09	1.13	1.17	1.22	1.28	1.34	1.40	1.46	1.52	1.58	2.08	1.63	1.66
155	1.09	1.10	1.11	1.11	1.14	1.15	1.19	1.22	1.26	1.30	1.35	1.40	1.45	1.50	1.56	1.59	1.66	1.64	1.66
160	1.23	1.23	1.24	1.25	1.26	1.28	1.30	1.33	1.36	1.39	1.43	1.47	1.51	1.55	1.59	1.62	1.68	1.67	1.68
165	1.38	1.38	1.39	1.39	1.41	1.41	1.43	1.45	1.48	1.50	1.53	1.55	1.58	1.61	1.65	1.67	1.71	1.71	1.71
170	1.54	1.53	1.54	1.54	1.56	1.56	1.57	1.58	1.60	1.61	1.63	1.64	1.66	1.68	1.72	1.93	2.05	1.77	1.76
175	1.68	1.68	1.68	1.68	1.69	1.69	1.70	1.70	1.71	1.71	1.73	1.73	1.74	1.75	1.78	1.97	2.66	1.84	1.81
180	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.83	2.01	2.62	1.86	1.84

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-27

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:221.26V I:0.6817A P:145.71W PF:0.9661 Freq:50.00Hz Lamp Flux:26518.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124G 150w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

Table--3

UNIT: X10cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674
5	669	665	662	658	654	651	647	644	641	638	636	634	632	631	630	629	629	629	629
10	664	657	650	642	634	627	620	613	607	601	596	591	587	584	582	580	580	579	581
15	663	652	641	629	617	605	593	582	571	561	552	543	537	531	527	524	524	524	527
20	666	652	637	620	603	586	569	551	534	518	503	489	478	468	463	458	458	458	463
25	676	657	638	616	592	567	543	518	493	469	447	427	413	399	392	386	385	386	392
30	691	669	643	614	582	548	514	479	446	415	388	364	347	333	325	319	318	318	324
35	711	685	653	615	572	527	481	434	394	357	329	307	295	285	281	277	276	275	279
40	732	699	659	610	553	493	435	381	336	304	285	272	265	258	256	253	253	252	254
45	732	696	653	598	532	458	389	331	297	277	266	257	251	248	246	245	245	245	246
50	730	694	652	594	519	430	352	308	288	274	266	261	258	258	258	258	258	258	258
55	734	701	661	600	509	397	320	292	277	266	261	260	261	262	265	266	267	266	265
60	754	717	664	578	457	315	271	251	240	233	234	234	232	225	223	219	221	221	225
65	765	700	614	493	348	219	191	173	169	165	163	153	151	146	146	141	143	142	147
70	738	625	504	328	172	102	90.6	82.5	82.5	76.0	73.5	69.3	73.0	73.9	79.4	79.7	80.7	79.4	77.9
75	543	431	284	126	54.6	41.3	40.0	38.8	37.6	35.4	34.3	32.9	33.4	34.9	38.4	39.8	41.0	39.4	37.3
80	201	151	85.1	29.5	21.0	19.7	18.0	17.1	17.3	16.3	16.2	15.8	16.2	15.0	15.3	15.3	15.8	15.0	15.1
85	21.7	13.6	7.22	5.89	5.62	4.88	4.72	4.33	4.44	4.10	4.22	3.86	3.86	3.45	3.61	3.38	3.70	3.26	3.51
90	0.48	0.46	0.41	0.36	0.29	0.23	0.17	0.13	0.10	0.14	0.08	0.08	0.08	0.08	0.07	0.08	0.07	0.07	0.07
95	0.82	0.82	0.75	0.68	0.56	0.46	0.33	0.23	0.16	0.13	0.12	0.11	0.12	0.11	0.11	0.10	0.11	0.10	0.11
100	1.23	1.23	1.15	1.06	0.91	0.77	0.61	0.46	0.33	0.25	0.22	0.20	0.20	0.19	0.19	0.18	0.18	0.18	0.18
105	1.57	1.57	1.49	1.39	1.24	1.11	0.93	0.78	0.61	0.50	0.41	0.38	0.35	0.34	0.33	0.33	0.33	0.33	0.33
110	1.80	1.79	1.74	1.64	1.52	1.40	1.25	1.11	0.94	0.82	0.71	0.66	0.61	0.60	0.57	0.57	0.56	0.57	0.57
115	1.93	1.93	1.90	1.82	1.73	1.63	1.52	1.40	1.26	1.15	1.05	1.00	0.95	0.93	0.89	0.90	0.88	0.89	0.89
120	1.96	1.97	1.96	1.91	1.85	1.77	1.71	1.63	1.54	1.46	1.38	1.34	1.29	1.28	1.25	1.25	1.24	1.25	1.24
125	1.90	1.93	1.94	1.91	1.88	1.84	1.81	1.77	1.75	1.71	1.67	1.64	1.61	1.60	1.59	1.59	1.58	1.59	1.58
130	1.83	1.87	1.88	1.89	1.88	1.87	1.87	1.85	1.85	1.84	1.85	1.85	1.85	1.84	1.85	1.86	1.85	1.85	1.85
135	1.77	1.81	1.84	1.86	1.87	1.87	1.88	1.88	1.90	1.90	1.93	1.94	1.97	1.97	2.00	2.00	2.02	2.00	2.01
140	1.72	1.77	1.79	1.83	1.84	1.87	1.88	1.89	1.92	1.93	1.96	1.97	2.01	2.02	2.05	2.06	2.07	2.06	2.05
145	1.70	1.74	1.76	1.80	1.82	1.85	1.87	1.89	1.91	1.93	1.96	1.99	2.01	2.03	2.05	2.07	2.06	2.06	2.05
150	1.69	1.73	1.76	1.79	1.80	1.84	1.85	1.88	1.90	1.93	1.95	1.99	2.00	2.03	2.03	2.05	2.04	2.05	2.03
155	1.70	1.73	1.76	1.78	1.80	1.82	1.84	1.87	1.89	1.92	1.94	1.97	1.98	2.01	2.01	2.03	2.02	2.02	2.01
160	1.71	1.73	1.76	1.78	1.80	1.82	1.84	1.86	1.88	1.91	1.92	1.95	1.96	1.98	1.98	2.00	1.99	2.00	1.98
165	1.74	1.75	1.78	1.78	1.81	1.82	1.84	1.86	1.87	1.90	1.91	1.93	1.94	1.95	1.95	1.97	1.96	1.97	1.95
170	1.77	1.77	1.80	1.80	1.82	1.83	1.84	1.86	1.86	1.88	1.89	1.90	1.91	1.92	1.92	1.93	1.92	1.93	1.92
175	1.81	1.80	1.82	1.81	1.82	1.83	1.84	1.85	1.85	1.86	1.86	1.87	1.87	1.88	1.88	1.89	1.88	1.89	1.88
180	1.83	1.81	1.82	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.82	1.82	1.82

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-27

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:221.26V I:0.6817A P:145.71W PF:0.9661 Freq:50.00Hz Lamp Flux:26518.2x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 3		
SPEC.: AL6740124G 150w4000K With glass									DIM.: 48*27*10						SERIAL No.: 001		
MFR.: Americanlite									SUR.: 23*19						Shielding Angle:		

Table--4

UNIT: X10cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	674	674	674	674	674	674	674	674	674	674	674	674	674	674	674				
5	630	631	632	634	636	639	642	644	648	651	654	658	661	665	669				
10	583	586	589	594	599	604	610	617	624	630	638	645	652	659	667				
15	530	536	543	551	559	569	579	590	601	612	624	635	646	657	668				
20	469	478	488	502	515	531	547	564	581	597	614	630	646	660	675				
25	400	412	426	445	465	488	512	536	561	585	608	629	649	667	685				
30	331	345	361	384	410	440	472	506	540	572	603	631	657	679	700				
35	283	292	307	325	351	387	426	470	515	558	599	634	666	692	716				
40	257	263	270	284	303	333	377	429	485	541	593	637	675	707	734				
45	247	251	255	265	276	295	329	386	453	522	584	634	674	706	734				
50	257	258	260	265	273	285	304	350	426	508	576	629	671	706	736				
55	262	260	258	259	263	274	288	316	392	493	576	634	675	708	729				
60	227	234	234	233	232	238	248	267	314	442	554	633	687	724	718				
65	147	152	156	165	165	168	173	190	217	338	478	590	676	742	741				
70	72.3	72.0	68.6	74.5	77.3	82.7	83.7	93.4	104	172	324	491	608	722	741				
75	33.9	33.1	32.8	34.7	35.8	38.9	39.6	41.7	43.1	56.7	127	278	413	494	523				
80	15.2	16.0	15.5	15.9	16.1	17.3	17.0	18.1	19.4	20.8	29.3	80.5	135	155	202				
85	3.37	3.78	3.71	3.98	3.85	4.11	4.00	4.31	4.46	5.03	5.32	6.63	7.44	14.3	22.7				
90	0.09	0.08	0.10	0.08	0.12	0.10	0.13	0.17	0.23	0.30	0.37	0.41	0.46	0.48	0.66				
95	0.11	0.11	0.11	0.12	0.13	0.18	0.25	0.34	0.47	0.57	0.69	0.77	0.85	0.88	1.06				
100	0.19	0.20	0.20	0.22	0.27	0.35	0.48	0.61	0.77	0.90	1.06	1.17	1.28	1.32	1.49				
105	0.34	0.35	0.39	0.43	0.52	0.63	0.78	0.92	1.09	1.24	1.40	1.53	1.64	1.69	1.84				
110	0.60	0.61	0.67	0.72	0.84	0.95	1.11	1.24	1.40	1.54	1.69	1.81	1.90	1.95	2.08				
115	0.92	0.94	1.00	1.06	1.17	1.27	1.41	1.55	1.69	1.82	1.94	2.03	2.07	2.10	2.22				
120	1.27	1.29	1.35	1.39	1.48	1.57	1.69	1.80	1.92	2.01	2.08	2.13	2.13	2.13	2.25				
125	1.60	1.62	1.66	1.69	1.76	1.83	1.90	1.98	2.04	2.08	2.10	2.10	2.09	2.07	2.23				
130	1.85	1.87	1.89	1.92	1.95	2.00	2.02	2.04	2.05	2.06	2.05	2.01	1.99	1.98	2.17				
135	2.00	2.02	2.02	2.04	2.04	2.04	2.04	2.05	2.04	2.01	1.99	1.95	1.91	1.91	2.16				
140	2.05	2.04	2.05	2.05	2.05	2.04	2.03	2.01	2.00	1.97	1.95	1.91	1.87	1.86	2.14				
145	2.05	2.02	2.03	2.02	2.03	2.01	2.01	1.98	1.97	1.94	1.92	1.88	1.85	1.85	2.15				
150	2.03	2.01	2.00	1.98	1.99	1.97	1.97	1.95	1.94	1.91	1.89	1.86	1.84	1.86	2.18				
155	2.01	1.99	1.99	1.96	1.96	1.94	1.94	1.92	1.92	1.89	1.88	1.85	1.84	1.89	2.26				
160	1.98	1.96	1.96	1.94	1.93	1.91	1.91	1.89	1.88	1.86	1.86	1.83	1.83	1.90	2.33				
165	1.96	1.94	1.94	1.92	1.91	1.89	1.89	1.87	1.86	1.85	1.85	1.83	1.83	1.92	2.42				
170	1.92	1.91	1.91	1.89	1.89	1.88	1.87	1.85	1.85	1.83	1.83	1.83	1.83	1.95	2.51				
175	1.88	1.87	1.88	1.86	1.87	1.86	1.85	1.84	1.84	1.83	1.83	1.83	1.84	1.97	2.61				
180	1.81	1.82	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.81	1.82	1.83	1.97	2.69				

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-27

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: