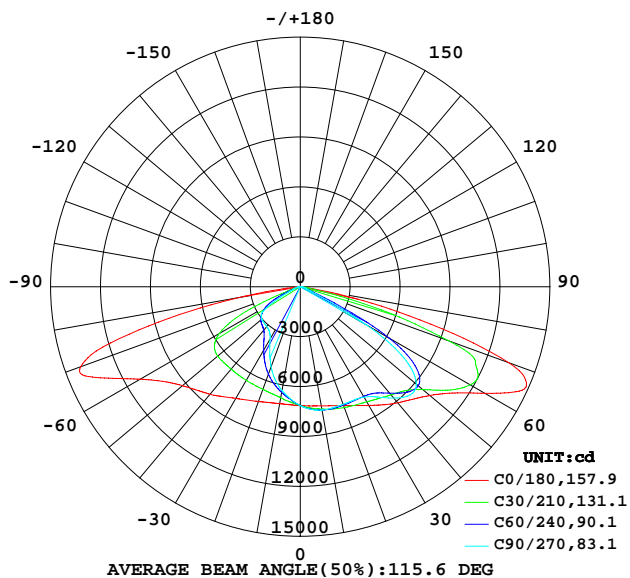
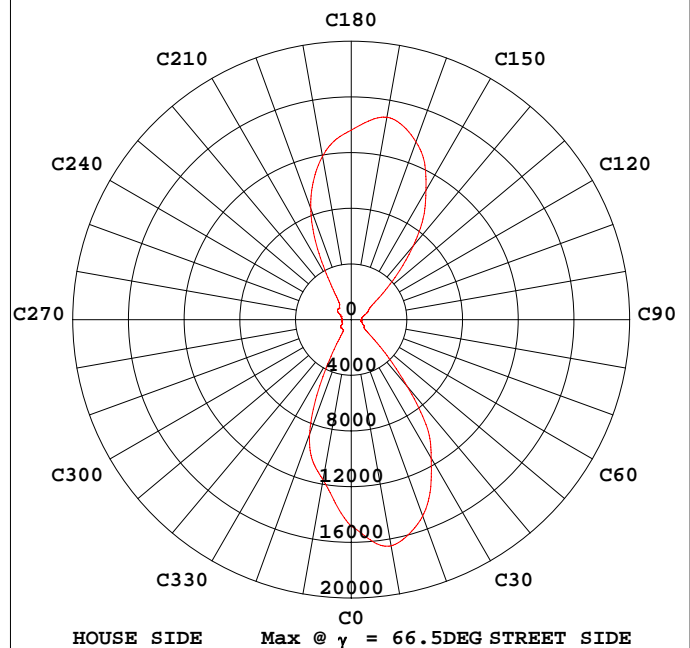


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.79V I:0.7332A P:157.10W PF:0.9705 Freq:50.00Hz Lamp Flux:30634.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134 160w4 000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 195.00 lm/W			
MODEL	160W4000K	I <sub>max</sub> (cd)	16495	η street_up(%)	0.1
NOMINAL POWER(W)	160	LOR(%)	100.0	η street_down(%)	61.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	30634	η house_up(%)	0.2
NOMINAL FLUX(lm)	30634.2	MAXIMUM @(C,γ )	10,66.5	η house_down(%)	38.2
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	22.318

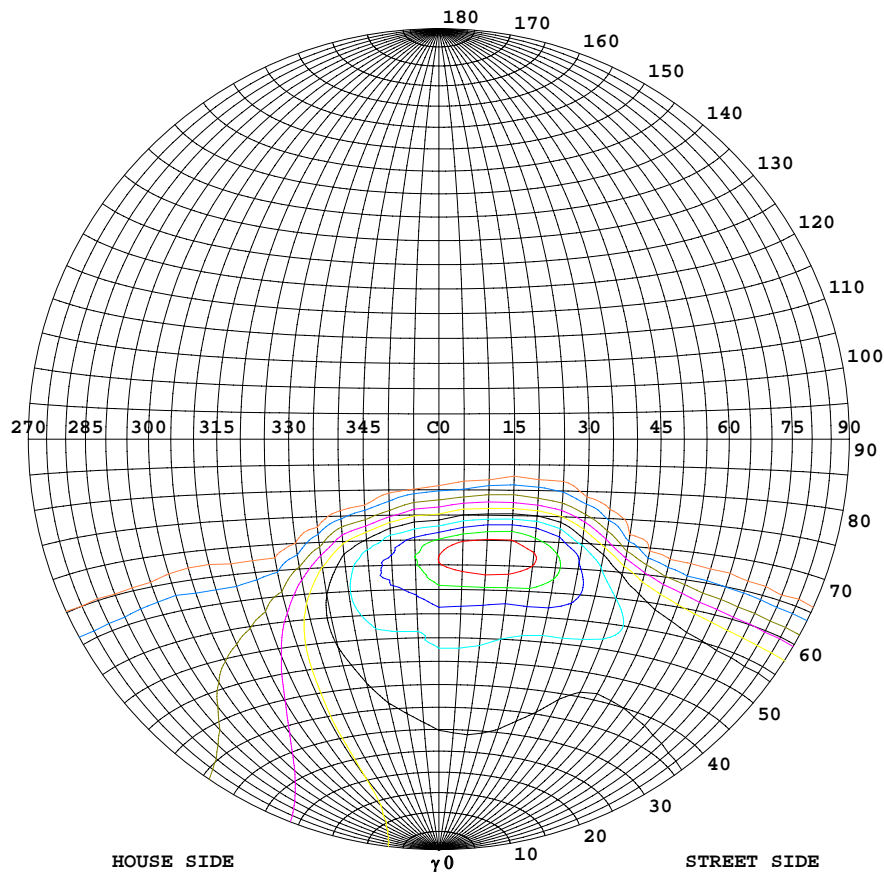
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-11-24

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:220.79V I:0.7332A P:157.10W PF:0.9705 Freq:50.00Hz Lamp Flux:30634.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134 160w4 000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



Classification:

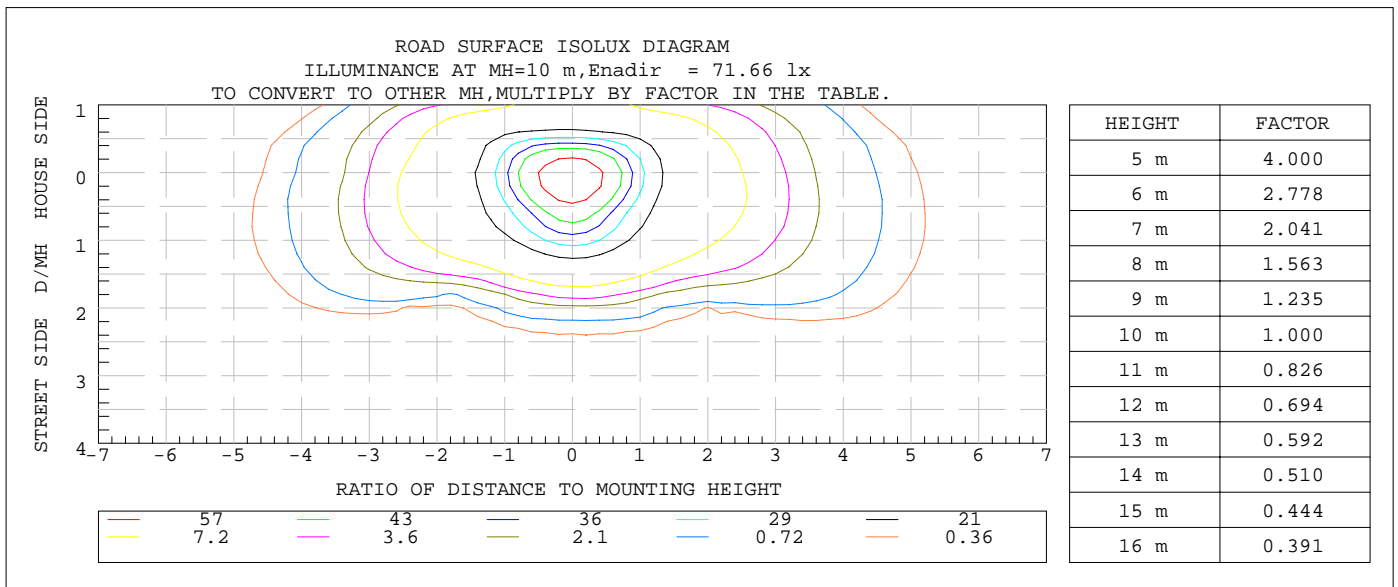
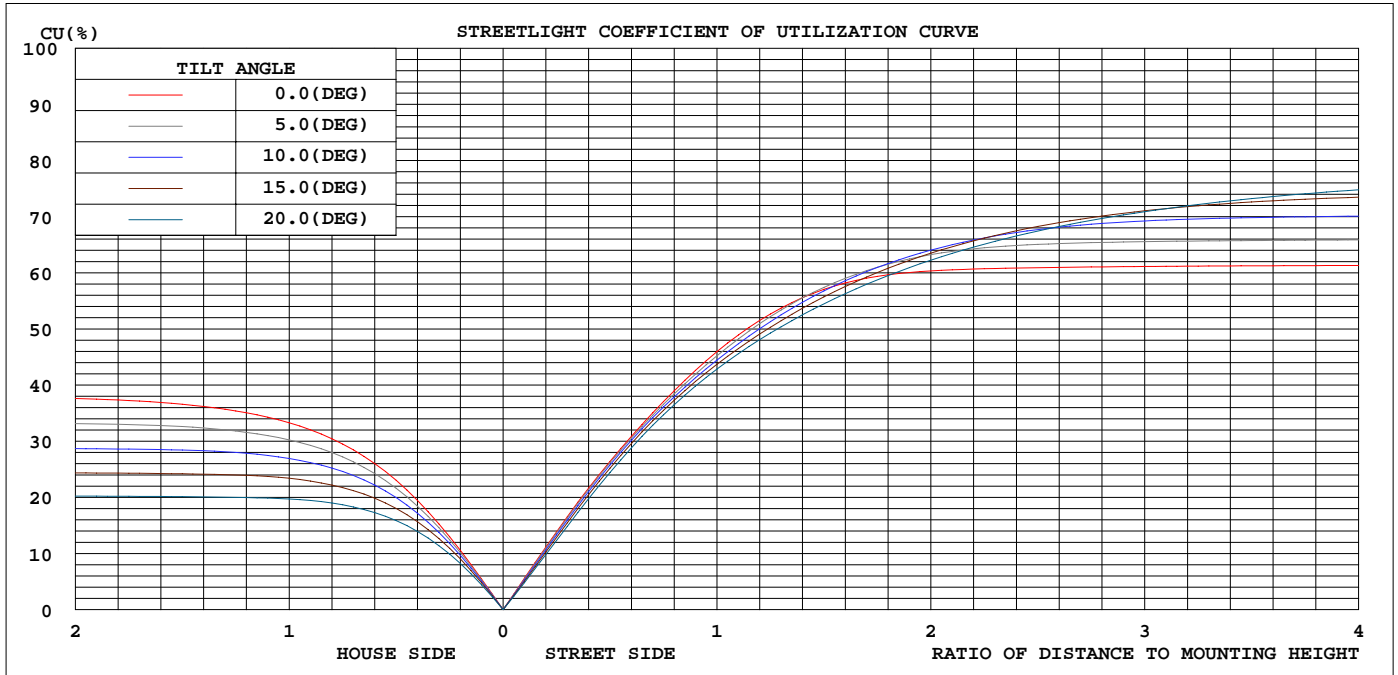
IES:Type II - Medium  
CIE:Narrow - Intermediate  
IES:Semi cut-off  
CIE:Non-cut-off  
Max.At80:154.4cd/klm  
Max.At90:0.8362cd/klm  
Max.80-90:154.4cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
I <sub>max</sub> =100%		16495
90%		14845
80%		13196
70%		11546
60%		9897
50%		8247
40%		6598
30%		4948
20%		3299
10%		1649
5%		825

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-11-24

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: MEDIUM  
Temperature: 25.0°C  
Operators: yangbin  
Test Date: 2023-11-24

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:220.79V I:0.7332A P:157.10W PF:0.9705 Freq:50.00Hz Lamp Flux:30634.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134 160w4 000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

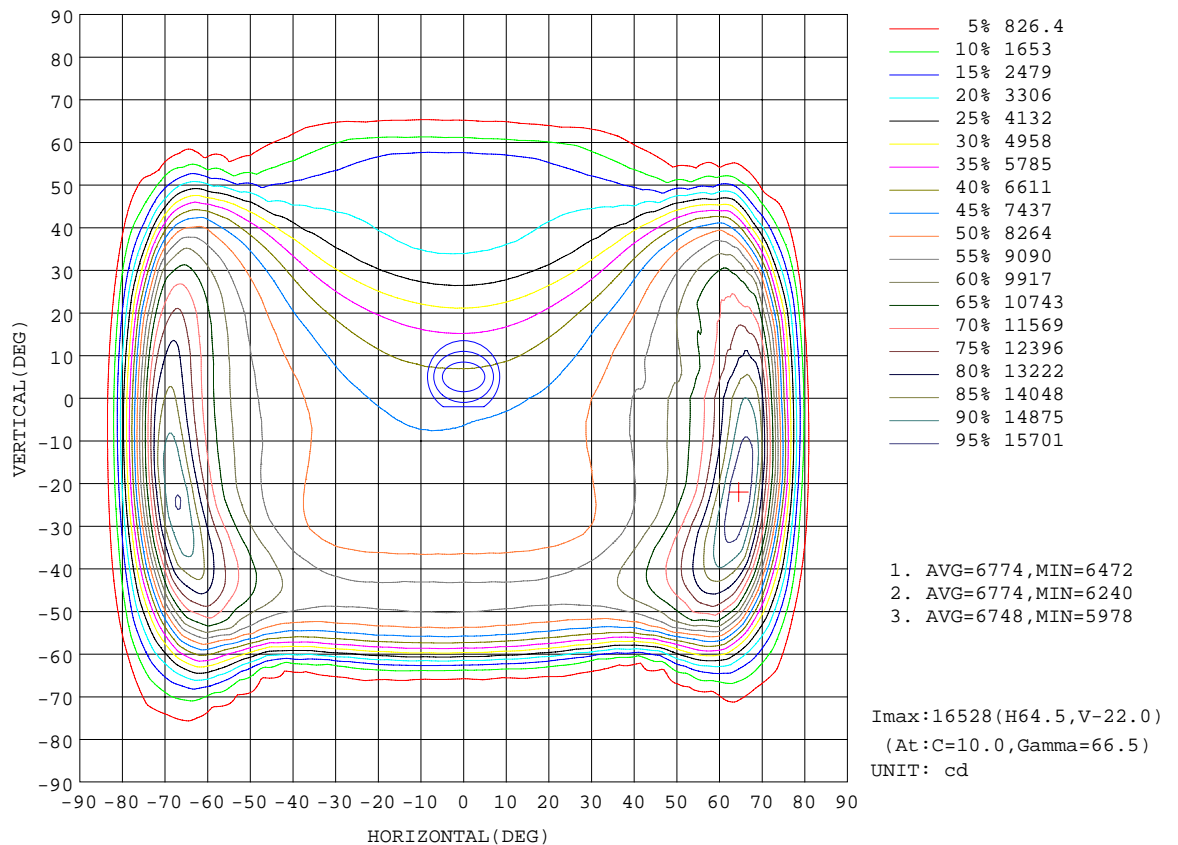
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	727.1	751.3	752.5	744.5	713.5	661.6	633.7	670.0	0- 10	678.0	678.0	2.21,2.21
20	760.0	765.0	752.4	756.4	734.1	609.6	513.1	625.0	10- 20	1978	2656	8.67,8.67
30	823.9	773.9	766.2	761.0	774.9	544.6	363.8	571.8	20- 30	3143	5798	18.9,18.9
40	910.3	810.5	873.3	786.7	843.6	459.5	313.1	491.8	30- 40	4258	10057	32.8,32.8
50	1017	947.8	910.4	905.3	925.0	367.8	302.0	385.0	40- 50	5534	15591	50.9,50.9
60	1282	877.8	464.1	881.9	1111	254.0	191.6	232.2	50- 60	6492	22082	72.1,72.1
70	1331	72.34	42.71	111.4	1404	67.86	44.93	50.78	60- 70	5617	27699	90.4,90.4
80	144.4	23.03	17.60	32.92	377.8	18.04	14.42	14.22	70- 80	2636	30335	99,99
90	0.4592	0.0680	0.0672	0.1251	0.5134	0.1053	0.0629	0.1102	80- 90	218.2	30553	99.7,99.7
100	1.506	0.1374	0.0996	0.1296	1.542	0.5281	0.1444	0.5703	90-100	4.770	30558	99.8,99.8
110	2.222	0.4024	0.2648	0.4001	2.429	1.347	0.6528	1.308	100-110	9.575	30568	99.8,99.8
120	2.390	0.7620	0.5241	0.8245	2.598	1.920	1.454	1.897	110-120	13.58	30581	99.8,99.8
130	2.070	1.056	0.7359	1.134	2.221	2.003	2.050	2.101	120-130	14.72	30596	99.9,99.9
140	1.834	1.245	0.8803	1.262	1.918	1.938	2.060	1.987	130-140	12.96	30609	99.9,99.9
150	1.754	1.400	1.095	1.385	1.792	1.869	1.945	1.904	140-150	10.47	30619	100,100
160	1.753	1.554	1.374	1.542	1.793	1.855	1.930	1.875	150-160	7.903	30627	100,100
170	1.836	1.732	1.663	1.729	1.864	1.887	1.939	1.895	160-170	5.099	30632	100,100
180	1.928	1.874	1.893	1.885	1.937	1.883	1.895	1.894	170-180	1.836	30634	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-24

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

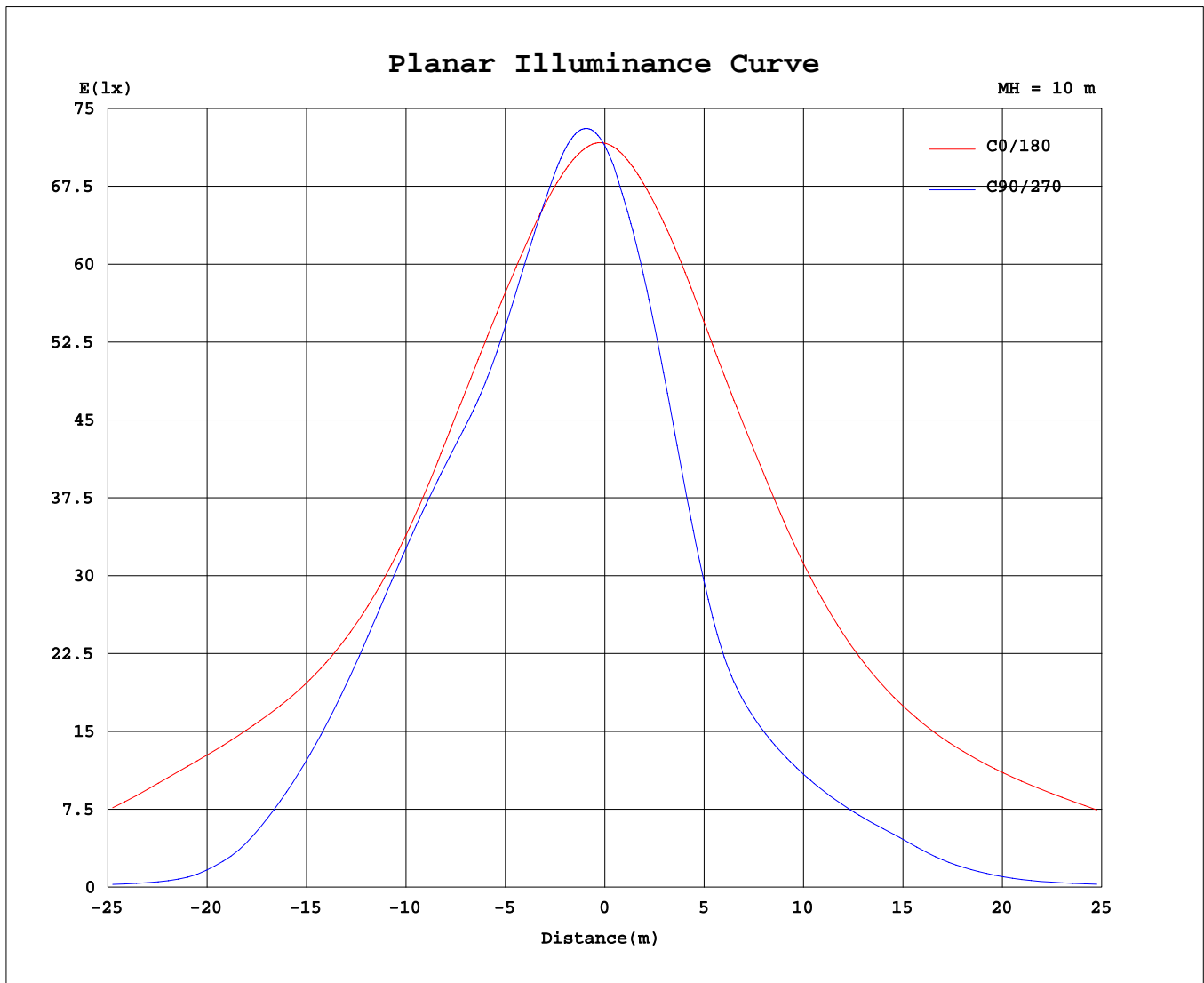
Test:U:220.79V I:0.7332A P:157.10W PF:0.9705 Freq:50.00Hz Lamp Flux:30634.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134 160w4 000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-11-24

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



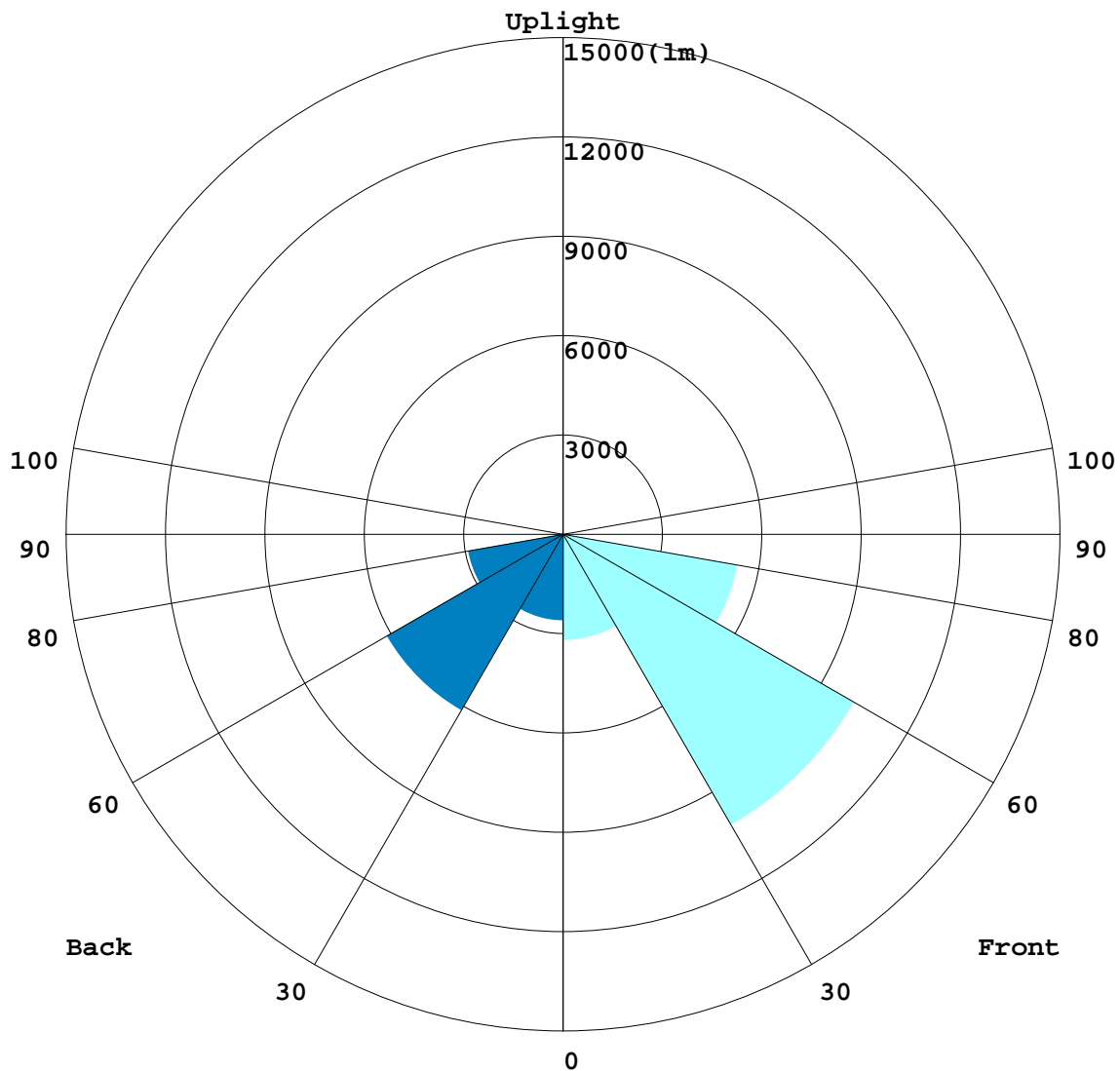
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature: 25.0°C  
Operators: yangbin  
Test Date: 2023-11-24

$\gamma$  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:220.79V I:0.7332A P:157.10W PF:0.9705 Freq:50.00Hz Lamp Flux:30634.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134 160w4 000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

**LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH**



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-11-24

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:220.79V I:0.7332A P:157.10W PF:0.9705 Freq:50.00Hz Lamp Flux:30634.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134 160w4 000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

#### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	3195.5	10.4
FM - Front-Medium(30-60)	10144	33.1
FH - Front-High(60-80)	5340.3	17.4
FVH - Front-Very High(80-90)	158.11	0.5
Total Forward Light	18869	61.6

BL - Back-Low(0-30)	2602.9	8.5
BM - Back-Medium(30-60)	6140.1	20.0
BH - Back-High(60-80)	2912.5	9.5
BVH - Back-Very High(80-90)	60.102	0.2
Total Back Light	11765	38.4

UL - Uplight-Low(90-100)	4.7699	0.0
UH - Uplight-High(100-180)	76.143	0.2
Total Up Light	80.913	0.3

BUG(Back,Up,Glare) Rating	B4-U3-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	11716	49.4	11765
Street Side	18838	31.513	18869

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-24

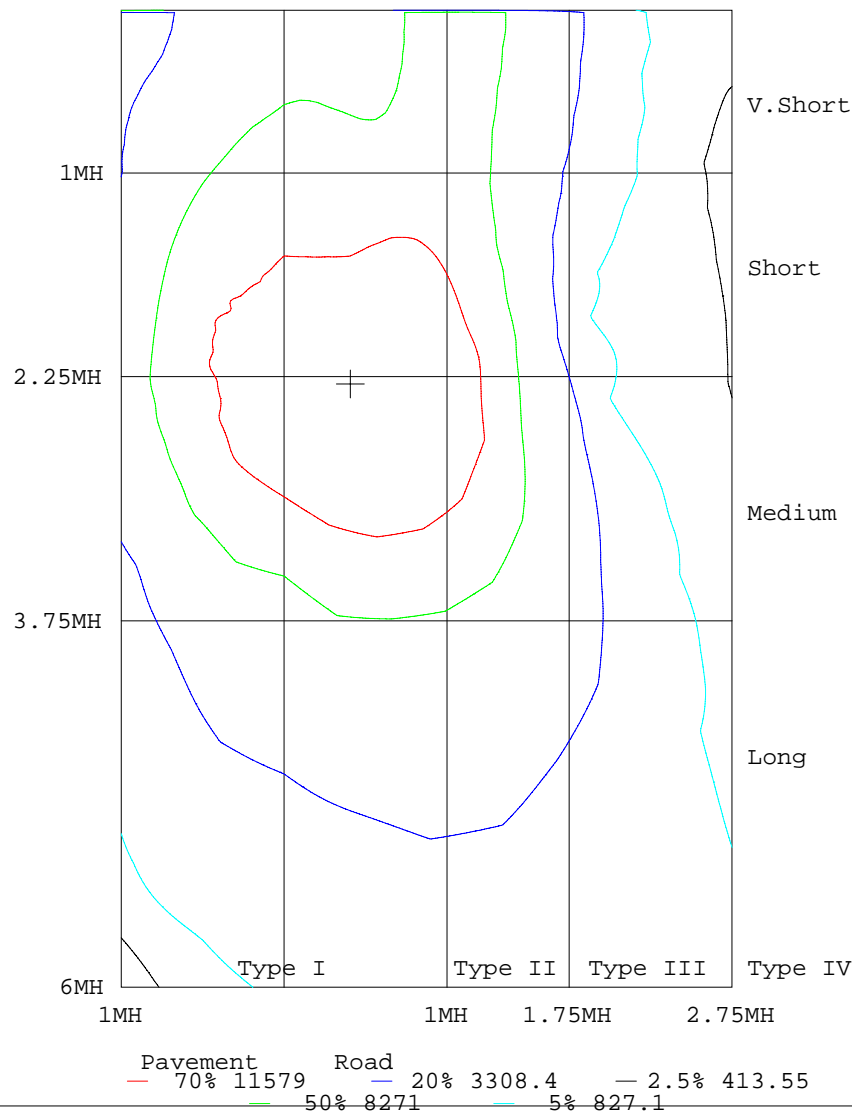
γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity:65.0%  
Test Distance:12.534m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:220.79V I:0.7332A P:157.10W PF:0.9705 Freq:50.00Hz Lamp Flux:30634.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134 160w4 000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-11-24

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:220.79V I:0.7332A P:157.10W PF:0.9705 Freq:50.00Hz Lamp Flux:30634.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134 160w4 000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	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	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714
5	719	722	724	726	728	730	732	733	735	736	737	738	738	739	739	740	740	740	739
10	727	732	736	739	742	745	747	749	750	751	752	753	753	754	753	754	753	754	753
15	740	746	751	755	758	759	760	761	761	761	759	760	758	758	756	757	755	755	754
20	760	766	771	773	775	775	773	771	767	765	761	760	758	757	755	755	754	754	752
25	787	793	797	797	794	790	784	779	773	769	763	761	757	757	755	755	753	754	753
30	824	828	830	826	819	809	799	790	781	774	767	764	761	762	761	764	765	766	766
35	866	870	869	860	848	835	820	806	793	784	778	778	781	787	793	799	805	807	809
40	910	913	909	898	884	867	848	830	816	811	815	824	835	844	854	862	868	872	873
45	956	956	951	936	920	902	885	872	870	873	882	890	898	905	910	916	920	923	924
50	1017	1015	1005	987	973	962	961	959	957	948	939	933	925	920	913	913	908	911	910
55	1114	1109	1097	1077	1079	1087	1083	1055	1021	977	927	891	852	830	804	795	780	784	778
60	1282	1285	1287	1282	1289	1246	1179	1093	986	878	769	686	616	571	524	505	473	473	464
65	1471	1547	1605	1562	1477	1356	1172	1004	785	530	341	227	193	161	139	127	108	108	104
70	1331	1460	1496	1493	1357	1225	948	597	237	72.3	62.2	58.6	49.9	44.9	41.2	41.1	41.5	42.4	42.7
75	675	825	862	878	828	666	393	143	52.6	45.4	38.6	34.4	31.1	28.8	27.6	28.7	29.9	31.3	31.5
80	144	172	237	240	211	151	52.1	36.7	29.2	23.0	18.4	18.0	17.3	16.8	16.1	17.9	17.8	17.9	17.6
85	4.30	5.79	10.6	13.6	15.8	16.9	12.5	10.6	7.62	6.95	7.31	7.62	7.80	7.79	6.68	7.23	6.65	4.63	2.75
90	0.46	0.37	0.30	0.22	0.16	0.11	0.08	0.07	0.08	0.07	0.07	0.07	0.07	0.06	0.07	0.07	0.07	0.06	0.07
95	0.94	0.80	0.68	0.50	0.38	0.25	0.16	0.11	0.09	0.09	0.08	0.08	0.07	0.08	0.07	0.07	0.07	0.07	0.07
100	1.51	1.32	1.14	0.89	0.70	0.50	0.35	0.23	0.16	0.14	0.12	0.13	0.11	0.12	0.11	0.11	0.10	0.11	0.10
105	1.95	1.76	1.55	1.27	1.04	0.79	0.60	0.43	0.31	0.24	0.21	0.20	0.19	0.19	0.18	0.18	0.17	0.17	0.16
110	2.22	2.05	1.84	1.56	1.32	1.07	0.86	0.66	0.51	0.40	0.34	0.32	0.30	0.30	0.28	0.28	0.27	0.27	0.26
115	2.38	2.25	2.05	1.80	1.56	1.31	1.10	0.89	0.72	0.58	0.50	0.45	0.43	0.42	0.41	0.41	0.40	0.40	0.39
120	2.39	2.29	2.14	1.95	1.74	1.51	1.29	1.08	0.91	0.76	0.66	0.60	0.56	0.55	0.54	0.54	0.53	0.53	0.52
125	2.25	2.19	2.09	1.94	1.78	1.61	1.42	1.23	1.06	0.92	0.82	0.74	0.70	0.68	0.66	0.66	0.65	0.65	0.64
130	2.07	2.02	1.96	1.86	1.75	1.61	1.47	1.33	1.18	1.06	0.95	0.87	0.81	0.79	0.76	0.75	0.74	0.74	0.74
135	1.92	1.89	1.85	1.77	1.71	1.61	1.49	1.39	1.27	1.16	1.06	0.98	0.91	0.88	0.84	0.83	0.81	0.81	0.80
140	1.83	1.80	1.78	1.72	1.68	1.61	1.52	1.43	1.33	1.24	1.15	1.08	1.01	0.97	0.92	0.90	0.88	0.88	0.88
145	1.78	1.75	1.74	1.72	1.68	1.62	1.54	1.48	1.39	1.32	1.24	1.18	1.11	1.07	1.02	1.00	0.98	0.98	0.97
150	1.75	1.74	1.74	1.72	1.68	1.65	1.58	1.53	1.46	1.40	1.33	1.27	1.22	1.18	1.14	1.12	1.10	1.10	1.10
155	1.75	1.75	1.74	1.74	1.71	1.68	1.62	1.58	1.52	1.48	1.41	1.38	1.33	1.31	1.27	1.26	1.24	1.24	1.23
160	1.75	1.77	1.76	1.77	1.74	1.71	1.67	1.63	1.59	1.55	1.51	1.49	1.45	1.44	1.41	1.40	1.38	1.38	1.37
165	1.78	1.81	1.81	1.80	1.77	1.75	1.71	1.69	1.66	1.64	1.61	1.60	1.58	1.57	1.55	1.55	1.53	1.53	1.52
170	1.84	1.86	1.85	1.84	1.81	1.80	1.77	1.76	1.74	1.73	1.71	1.71	1.70	1.70	1.68	1.68	1.67	1.68	1.66
175	1.90	1.91	1.89	1.88	1.85	1.84	1.82	1.83	1.81	1.82	1.80	1.81	1.80	1.81	1.79	1.80	1.79	1.80	1.79
180	1.93	1.93	1.89	1.89	1.87	1.88	1.87	1.87	1.87	1.87	1.87	1.88	1.88	1.89	1.89	1.89	1.89	1.90	1.89

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-24

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:220.79V I:0.7332A P:157.10W PF:0.9705 Freq:50.00Hz Lamp Flux:30634.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134 160w4 000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	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	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714
5	740	739	739	737	737	735	735	733	732	730	729	727	725	722	720	718	715	712	709
10	753	752	752	750	750	748	748	745	744	742	740	738	735	732	728	724	719	713	709
15	754	753	754	753	754	753	754	753	753	751	750	748	746	743	739	735	729	721	714
20	753	752	753	752	754	753	754	754	756	757	758	758	758	757	754	750	744	734	726
25	754	753	754	753	754	753	755	755	758	760	764	767	769	770	770	767	762	752	742
30	766	764	763	760	759	756	757	758	761	764	770	775	781	786	789	790	785	775	764
35	807	804	797	790	783	775	770	767	768	772	779	788	797	806	814	819	817	807	795
40	871	868	861	852	839	825	809	795	787	786	793	805	819	832	844	853	854	844	831
45	925	924	920	913	902	888	871	854	835	823	820	830	844	859	873	885	888	879	867
50	917	918	924	925	928	926	922	915	905	895	884	880	884	898	912	928	934	925	915
55	792	796	819	833	859	877	904	924	945	962	972	979	970	968	975	994	1002	995	987
60	488	502	545	577	634	683	746	806	882	955	1023	1075	1110	1116	1103	1120	1125	1111	1098
65	114	122	149	179	209	252	346	460	627	792	953	1101	1226	1312	1360	1372	1348	1298	1252
70	43.0	42.5	43.3	44.3	50.2	57.0	72.1	75.7	111	318	659	989	1209	1396	1515	1567	1521	1404	1298
75	32.0	31.5	30.6	30.5	32.1	35.0	40.3	45.8	55.8	69.3	206	500	837	1044	1142	1155	1103	1003	914
80	18.4	18.6	19.2	17.7	18.6	19.7	21.8	24.1	32.9	41.5	58.6	115	281	387	455	473	432	378	280
85	5.37	7.56	8.51	8.16	9.55	10.3	10.8	11.3	12.4	15.4	22.8	31.9	54.6	65.0	88.8	58.8	45.3	21.9	18.5
90	0.07	0.09	0.10	0.10	0.10	0.11	0.11	0.12	0.13	0.14	0.16	0.18	0.22	0.29	0.82	2.14	2.56	0.51	0.56
95	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.15	0.23	0.38	0.94	2.40	2.93	0.92	1.01
100	0.10	0.10	0.10	0.10	0.11	0.11	0.12	0.12	0.13	0.15	0.23	0.36	0.52	0.72	1.21	2.27	3.40	1.54	1.66
105	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.20	0.23	0.31	0.46	0.67	0.88	1.15	1.34	2.54	3.26	2.08	2.21
110	0.27	0.27	0.27	0.27	0.28	0.29	0.30	0.32	0.40	0.55	0.73	0.98	1.23	1.51	1.73	1.92	2.11	2.43	2.53
115	0.40	0.39	0.40	0.40	0.41	0.42	0.44	0.50	0.61	0.79	1.01	1.26	1.50	1.76	1.96	2.10	2.27	2.60	2.67
120	0.53	0.53	0.53	0.53	0.54	0.55	0.59	0.69	0.82	1.02	1.22	1.43	1.62	1.83	2.07	2.16	2.30	2.60	2.65
125	0.65	0.64	0.65	0.65	0.67	0.69	0.76	0.87	1.01	1.17	1.33	1.46	1.61	1.79	2.13	2.18	2.26	2.45	2.47
130	0.74	0.74	0.75	0.75	0.78	0.83	0.90	1.01	1.13	1.24	1.36	1.47	1.62	1.78	2.16	2.16	2.19	2.22	2.24
135	0.81	0.81	0.83	0.84	0.89	0.94	1.02	1.11	1.21	1.29	1.39	1.50	1.63	1.78	1.99	2.03	2.05	2.04	2.06
140	0.89	0.90	0.92	0.94	0.99	1.04	1.12	1.18	1.26	1.33	1.43	1.52	1.64	1.76	1.96	2.06	2.04	1.92	1.94
145	0.99	0.99	1.02	1.04	1.09	1.13	1.20	1.25	1.32	1.38	1.47	1.55	1.64	1.73	1.84	2.02	2.02	1.84	1.86
150	1.11	1.12	1.14	1.16	1.19	1.23	1.28	1.32	1.39	1.44	1.51	1.57	1.65	1.72	1.77	2.19	1.96	1.79	1.81
155	1.24	1.25	1.26	1.28	1.30	1.32	1.37	1.40	1.45	1.50	1.56	1.61	1.67	1.72	1.77	1.81	1.87	1.79	1.80
160	1.38	1.38	1.40	1.40	1.42	1.44	1.48	1.50	1.54	1.57	1.61	1.64	1.69	1.72	1.77	1.80	1.83	1.79	1.80
165	1.53	1.53	1.54	1.54	1.56	1.57	1.59	1.60	1.63	1.65	1.68	1.70	1.73	1.78	1.86	1.88	1.85	1.82	1.81
170	1.67	1.67	1.68	1.67	1.69	1.69	1.71	1.71	1.73	1.73	1.76	1.76	1.79	1.82	2.14	2.51	2.13	1.86	1.84
175	1.80	1.78	1.80	1.79	1.80	1.79	1.81	1.81	1.82	1.82	1.83	1.83	1.85	1.88	2.16	3.14	3.38	1.92	1.89
180	1.90	1.88	1.89	1.88	1.89	1.88	1.89	1.88	1.89	1.88	1.88	1.88	1.89	1.91	2.15	3.00	3.41	1.94	1.92

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-24

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:220.79V I:0.7332A P:157.10W PF:0.9705 Freq:50.00Hz Lamp Flux:30634.2x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134 160w4 000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	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	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714
5	707	704	701	698	696	693	691	688	685	684	680	681	678	679	677	678	676	679	677
10	703	697	691	685	677	673	665	662	654	652	645	643	638	638	634	635	634	636	636
15	705	697	687	677	665	657	644	636	624	616	606	600	592	588	583	582	581	583	586
20	714	703	688	674	657	643	624	610	591	576	560	547	534	525	518	514	513	516	521
25	728	713	695	676	652	631	604	580	552	528	504	483	465	451	442	436	435	438	446
30	748	730	707	681	649	619	581	545	506	472	441	415	394	380	370	365	364	367	374
35	776	754	725	692	648	604	553	504	455	414	381	357	341	332	327	326	325	328	331
40	809	783	748	704	647	587	521	460	405	366	342	329	320	317	313	314	313	315	316
45	845	817	774	720	648	568	484	413	364	341	326	318	312	311	309	309	308	309	309
50	893	863	811	742	648	540	435	368	338	321	310	304	302	302	302	303	302	301	300
55	962	922	852	758	630	482	366	323	300	287	281	280	281	283	285	285	284	282	280
60	1056	990	885	745	561	363	287	254	239	232	234	234	228	213	204	194	192	188	193
65	1166	1042	873	654	386	206	169	151	150	150	145	125	110	98.4	93.5	86.4	85.4	82.6	85.7
70	1169	984	704	353	105	74.4	73.6	67.9	72.4	62.2	49.7	44.7	42.6	41.7	43.9	44.8	44.9	43.8	41.7
75	755	516	261	58.1	38.1	38.2	36.9	33.8	32.4	29.5	26.9	25.0	25.2	25.9	26.9	26.4	26.7	25.8	25.6
80	146	44.6	27.8	22.2	20.2	19.6	17.6	18.0	18.4	17.0	16.4	16.7	17.0	16.3	15.5	14.4	14.4	14.2	14.9
85	14.6	11.6	9.66	7.37	6.69	6.49	6.24	6.21	6.84	6.96	7.55	7.25	6.97	6.61	6.34	5.45	5.24	5.01	5.41
90	0.56	0.55	0.49	0.42	0.32	0.24	0.15	0.11	0.08	0.09	0.07	0.08	0.06	0.07	0.06	0.07	0.06	0.07	0.06
95	1.03	1.03	0.94	0.84	0.66	0.52	0.34	0.21	0.13	0.10	0.09	0.08	0.09	0.08	0.08	0.08	0.08	0.08	0.08
100	1.68	1.65	1.54	1.38	1.16	0.96	0.72	0.53	0.34	0.24	0.19	0.18	0.16	0.15	0.15	0.14	0.14	0.14	0.15
105	2.20	2.16	2.02	1.86	1.62	1.41	1.15	0.94	0.71	0.58	0.46	0.42	0.37	0.36	0.33	0.34	0.33	0.34	0.35
110	2.53	2.47	2.33	2.16	1.95	1.77	1.54	1.35	1.13	0.98	0.84	0.78	0.71	0.70	0.66	0.67	0.65	0.68	0.68
115	2.67	2.61	2.49	2.35	2.19	2.03	1.86	1.69	1.50	1.37	1.23	1.18	1.11	1.10	1.06	1.07	1.05	1.08	1.07
120	2.64	2.60	2.50	2.39	2.25	2.13	2.03	1.92	1.80	1.70	1.60	1.56	1.50	1.50	1.46	1.48	1.45	1.48	1.46
125	2.46	2.43	2.37	2.29	2.19	2.12	2.04	2.00	1.96	1.92	1.88	1.86	1.84	1.84	1.82	1.84	1.82	1.84	1.82
130	2.24	2.22	2.18	2.15	2.09	2.06	2.02	2.00	1.99	1.99	1.99	1.99	2.01	2.02	2.03	2.05	2.05	2.05	2.05
135	2.06	2.06	2.04	2.03	2.00	2.00	1.97	1.98	1.96	1.99	1.99	2.01	2.02	2.06	2.07	2.10	2.10	2.10	2.08
140	1.93	1.94	1.93	1.94	1.93	1.94	1.92	1.94	1.93	1.95	1.95	1.98	1.99	2.03	2.04	2.06	2.06	2.07	2.05
145	1.85	1.87	1.86	1.87	1.87	1.88	1.88	1.90	1.90	1.92	1.92	1.95	1.95	1.98	1.98	2.00	1.99	2.00	1.97
150	1.81	1.83	1.82	1.84	1.83	1.85	1.84	1.87	1.87	1.90	1.90	1.93	1.93	1.95	1.94	1.96	1.94	1.95	1.93
155	1.80	1.81	1.81	1.83	1.83	1.84	1.84	1.86	1.86	1.88	1.89	1.91	1.92	1.93	1.93	1.94	1.93	1.93	1.92
160	1.80	1.81	1.81	1.82	1.83	1.84	1.85	1.86	1.87	1.88	1.89	1.91	1.92	1.93	1.93	1.94	1.93	1.93	1.92
165	1.82	1.82	1.83	1.83	1.84	1.85	1.87	1.87	1.89	1.89	1.91	1.91	1.92	1.93	1.94	1.94	1.94	1.93	1.93
170	1.85	1.85	1.86	1.85	1.87	1.87	1.88	1.89	1.90	1.91	1.91	1.92	1.92	1.93	1.94	1.94	1.94	1.94	1.93
175	1.88	1.87	1.88	1.88	1.88	1.89	1.89	1.89	1.90	1.91	1.91	1.92	1.92	1.93	1.92	1.94	1.93	1.94	1.93
180	1.90	1.89	1.88	1.88	1.88	1.88	1.88	1.88	1.88	1.89	1.88	1.89	1.89	1.90	1.90	1.90	1.90	1.90	1.89

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-24

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:220.79V I:0.7332A P:157.10W PF:0.9705 Freq:50.00Hz Lamp Flux:30634.2x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 5.8		
SPEC.: AL6740134 160w4 000K No glass									DIM.: 59*27*7.5						SERIAL No.: 001		
MFR.: Americanlite									SUR.: 28*23						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	714	714	714	714	714	714	714	714	714	714	714	714	714	714	714				
5	680	678	683	683	687	690	693	696	698	701	704	707	710	713	716				
10	641	642	648	651	658	662	670	674	683	689	697	703	710	716	722				
15	592	597	606	613	625	634	647	657	670	682	694	704	715	723	732				
20	530	540	555	569	588	604	625	642	662	680	697	713	727	739	751				
25	457	472	493	515	543	570	600	627	657	683	708	728	748	763	777				
30	386	403	426	455	490	529	572	612	654	691	725	752	777	796	812				
35	339	349	367	394	432	480	536	592	651	703	749	785	815	836	854				
40	321	326	338	352	381	427	492	565	642	712	773	820	856	880	898				
45	312	315	324	334	353	381	442	529	632	724	801	858	900	926	941				
50	299	301	307	313	328	348	385	474	607	733	834	907	959	974	973				
55	277	274	273	276	283	300	325	380	535	713	852	958	1035	1045	1063				
60	197	210	214	214	212	219	232	266	371	612	820	980	1106	1133	1184				
65	85.9	91.0	99.5	116	121	119	117	127	152	358	664	923	1109	1186	1311				
70	38.3	36.9	38.6	41.1	47.2	53.7	50.8	53.3	52.9	83.2	259	620	851	1065	1204				
75	24.3	23.6	23.0	24.2	25.5	26.9	27.3	29.2	30.3	30.2	36.7	134	247	448	634				
80	15.3	15.7	15.0	14.5	14.5	15.1	14.2	13.7	15.0	14.9	16.5	18.0	24.2	51.4	90.1				
85	5.34	5.50	5.35	5.24	4.42	4.17	3.42	3.35	3.14	3.27	2.76	3.93	4.42	5.56	5.44				
90	0.08	0.07	0.07	0.07	0.08	0.08	0.11	0.17	0.28	0.37	0.51	0.58	0.77	1.06	1.17				
95	0.08	0.09	0.09	0.10	0.12	0.17	0.27	0.40	0.59	0.74	0.95	1.10	1.33	1.64	1.74				
100	0.16	0.18	0.20	0.23	0.30	0.40	0.57	0.74	0.98	1.18	1.42	1.61	1.89	2.20	2.33				
105	0.38	0.41	0.46	0.51	0.63	0.75	0.94	1.12	1.35	1.55	1.79	1.99	2.29	2.62	2.78				
110	0.73	0.75	0.83	0.89	1.01	1.13	1.31	1.47	1.67	1.85	2.07	2.26	2.52	2.83	3.00				
115	1.12	1.14	1.21	1.26	1.37	1.47	1.62	1.77	1.96	2.13	2.30	2.44	2.64	2.90	3.06				
120	1.51	1.52	1.57	1.61	1.69	1.77	1.90	2.02	2.15	2.27	2.37	2.45	2.60	2.83	3.00				
125	1.85	1.85	1.89	1.91	1.96	2.00	2.07	2.13	2.19	2.23	2.27	2.29	2.41	2.66	2.85				
130	2.05	2.06	2.06	2.06	2.08	2.09	2.10	2.10	2.12	2.11	2.11	2.10	2.21	2.49	2.72				
135	2.09	2.07	2.08	2.07	2.07	2.05	2.06	2.03	2.02	2.00	2.00	1.97	2.09	2.40	2.66				
140	2.05	2.03	2.03	2.01	2.01	1.99	1.99	1.96	1.96	1.93	1.94	1.91	2.04	2.39	2.65				
145	1.98	1.95	1.96	1.94	1.95	1.93	1.94	1.91	1.92	1.90	1.90	1.88	2.03	2.41	2.69				
150	1.93	1.90	1.91	1.89	1.90	1.89	1.90	1.88	1.89	1.87	1.88	1.86	2.03	2.46	2.78				
155	1.92	1.90	1.90	1.89	1.88	1.87	1.88	1.87	1.88	1.87	1.87	1.86	2.05	2.55	2.90				
160	1.91	1.91	1.90	1.89	1.88	1.88	1.87	1.87	1.87	1.86	1.86	1.86	2.08	2.62	3.04				
165	1.92	1.92	1.91	1.91	1.89	1.89	1.88	1.88	1.87	1.87	1.86	1.87	2.11	2.71	3.18				
170	1.93	1.93	1.92	1.92	1.91	1.91	1.89	1.89	1.88	1.88	1.87	1.89	2.16	2.81	3.30				
175	1.93	1.92	1.93	1.91	1.91	1.91	1.90	1.89	1.89	1.89	1.89	1.90	2.21	2.89	3.42				
180	1.90	1.89	1.89	1.89	1.90	1.89	1.89	1.89	1.89	1.89	1.89	1.90	2.25	2.90	3.47				

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: MEDIUM  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-24

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: