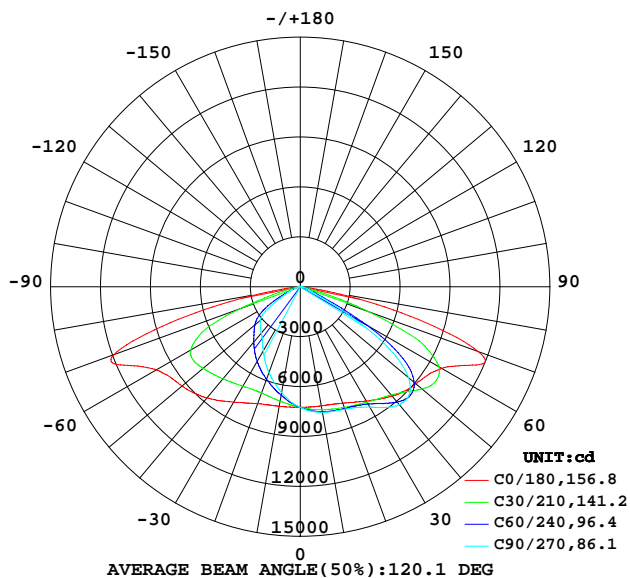
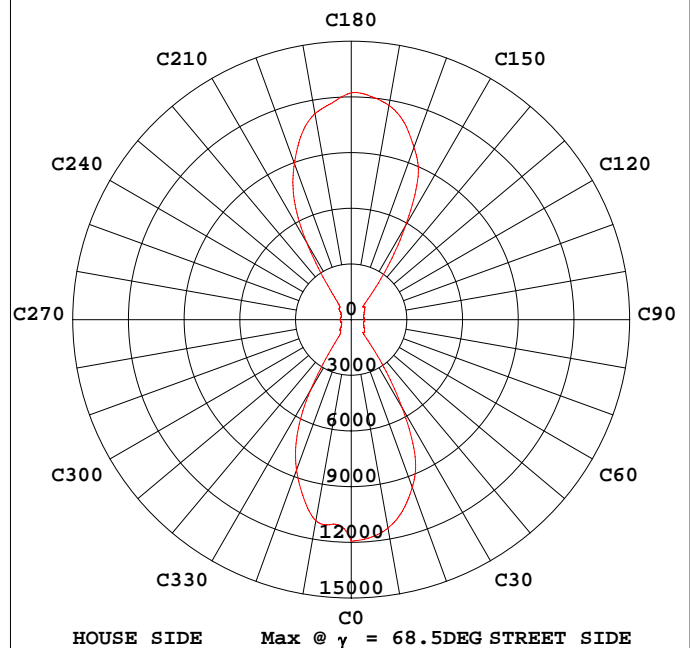


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.94V I:0.7322A P:156.98W PF:0.9704 Freq:50.00Hz Lamp Flux:29638.3x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134G 160w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 188.80 lm/W			
MODEL	160W4000K	I <sub>max</sub> (cd)	12224	η street_up(%)	0.1
NOMINAL POWER(W)	160	LOR(%)	100.0	η street_down(%)	57.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	29638	η house_up(%)	0.2
NOMINAL FLUX(lm)	29638.3	MAXIMUM @(C,γ )	180,68.5	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	22.759

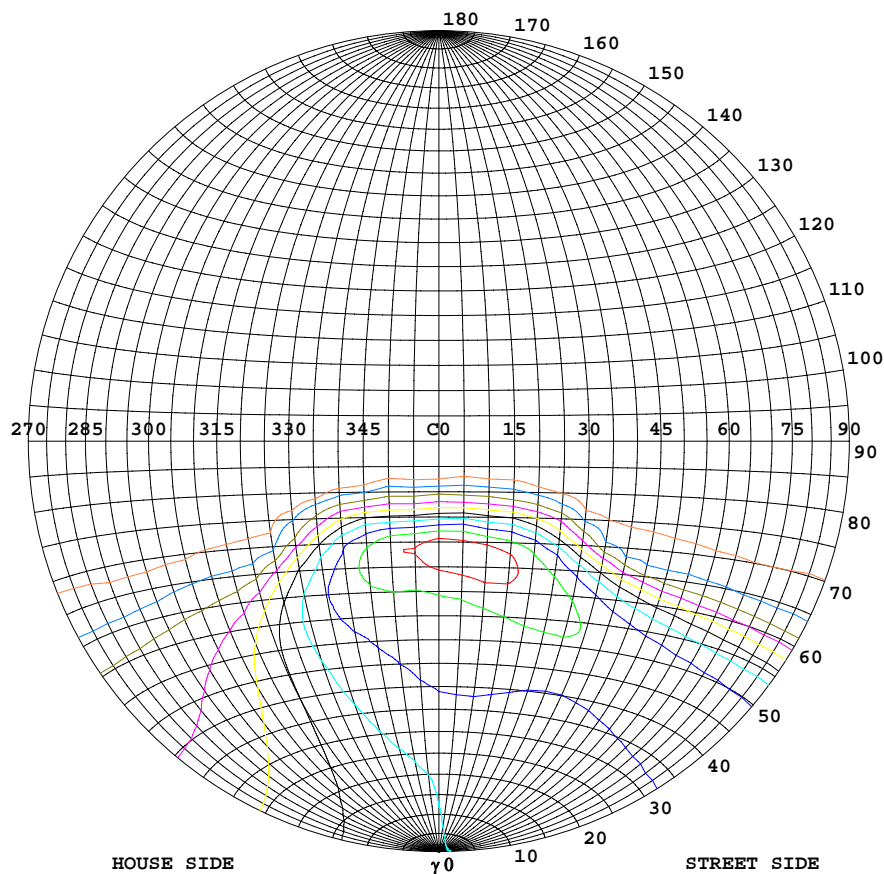
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: zhaojicheng  
Test Date: 2023-12-14

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:220.94V I:0.7322A P:156.98W PF:0.9704 Freq:50.00Hz Lamp Flux:29638.3x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134G 160w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



## Classification:

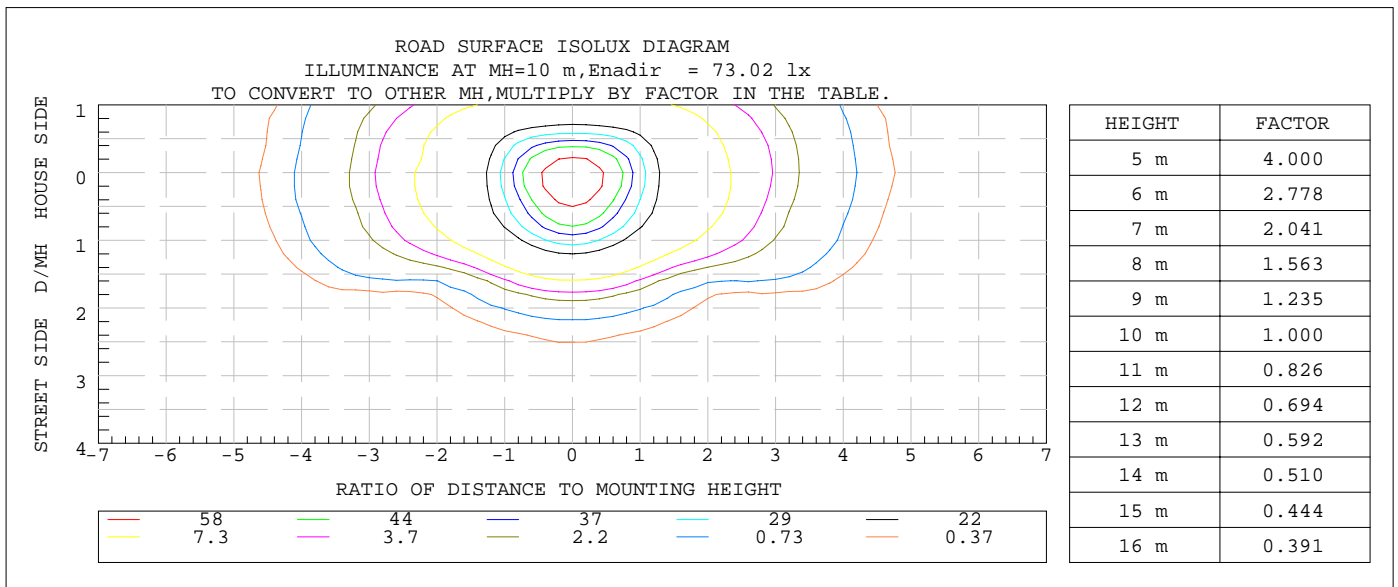
IES:Type II - Medium  
CIE:Narrow - Intermediate  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:83.86cd/klm  
Max.At90:0.4034cd/klm  
Max.80-90:83.86cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	12224
90%	11001
80%	9779
70%	8557
60%	7334
50%	6112
40%	4890
30%	3667
20%	2445
10%	1222
5%	611

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:zhaojicheng  
Test Date:2023-12-14

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: 2023-12-14

$\gamma$  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:220.94V I:0.7322A P:156.98W PF:0.9704 Freq:50.00Hz Lamp Flux:29638.3x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134G 160w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

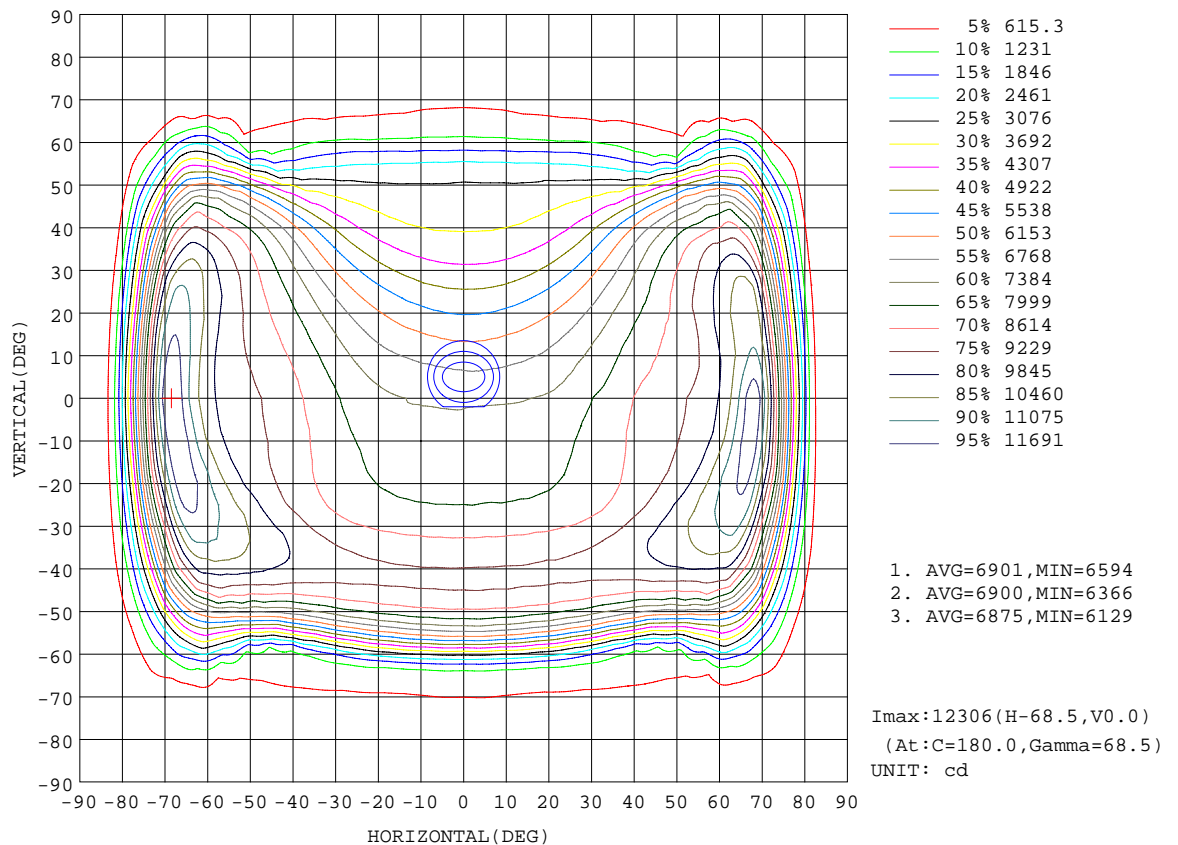
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	726.4	758.0	766.2	760.5	729.6	680.4	646.3	678.3	0- 10	689.1	689.1	2.33,2.33
20	744.7	775.2	783.7	780.2	748.0	636.7	549.8	633.2	10- 20	2017	2706	9.13,9.13
30	792.9	801.2	835.8	808.9	801.2	603.8	444.8	597.6	20- 30	3272	5978	20.2,20.2
40	857.5	872.5	924.7	881.9	872.7	570.1	364.2	562.9	30- 40	4547	10525	35.5,35.5
50	906.9	939.3	848.6	950.2	928.5	514.9	312.6	512.8	40- 50	5781	16306	55.55
60	981.4	665.3	321.1	679.4	998.2	317.7	146.7	315.6	50- 60	6192	22498	75.9,75.9
70	1137	85.37	62.23	86.81	1190	73.03	52.96	69.22	60- 70	4725	27224	91.9,91.9
80	205.3	21.77	17.45	23.32	248.5	15.70	15.08	14.69	70- 80	2179	29403	99.2,99.2
90	0.3048	0.0628	0.0635	0.1041	0.4955	0.0983	0.0661	0.0831	80- 90	155.5	29559	99.7,99.7
100	1.194	0.1616	0.0984	0.1572	1.455	0.3522	0.1554	0.3486	90-100	3.487	29562	99.7,99.7
110	1.915	0.5134	0.2374	0.5407	2.184	1.123	0.6079	1.071	100-110	8.119	29570	99.8,99.8
120	2.201	0.9483	0.5039	1.008	2.337	1.790	1.416	1.807	110-120	12.78	29583	99.8,99.8
130	2.120	1.280	0.7862	1.241	2.106	2.063	2.139	2.243	120-130	14.83	29598	99.9,99.9
140	1.936	1.464	1.010	1.375	1.896	2.053	2.265	2.212	130-140	13.75	29611	99.9,99.9
150	1.865	1.583	1.253	1.506	1.808	1.990	2.144	2.101	140-150	11.21	29623	99.9,99.9
160	1.860	1.693	1.511	1.639	1.837	1.963	2.093	2.034	150-160	8.386	29631	100,100
170	1.936	1.841	1.768	1.814	1.941	1.975	2.060	2.023	160-170	5.326	29636	100,100
180	2.032	1.974	1.980	1.986	2.033	1.979	1.984	1.989	170-180	1.870	29638	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:zhaojicheng  
Test Date:2023-12-14

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

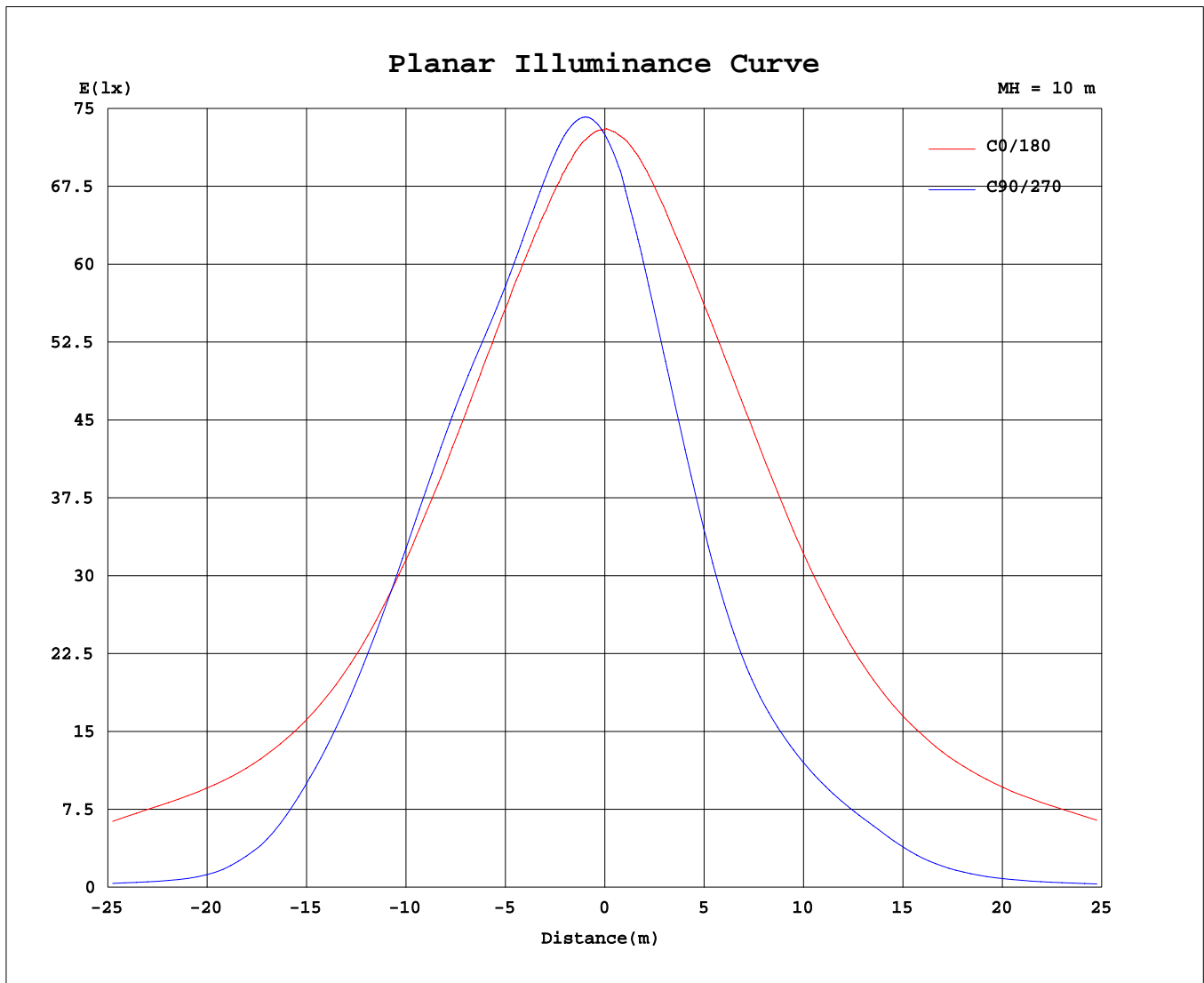
Test:U:220.94V I:0.7322A P:156.98W PF:0.9704 Freq:50.00Hz Lamp Flux:29638.3x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134G 160w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:zhaojicheng  
Test Date:2023-12-14

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



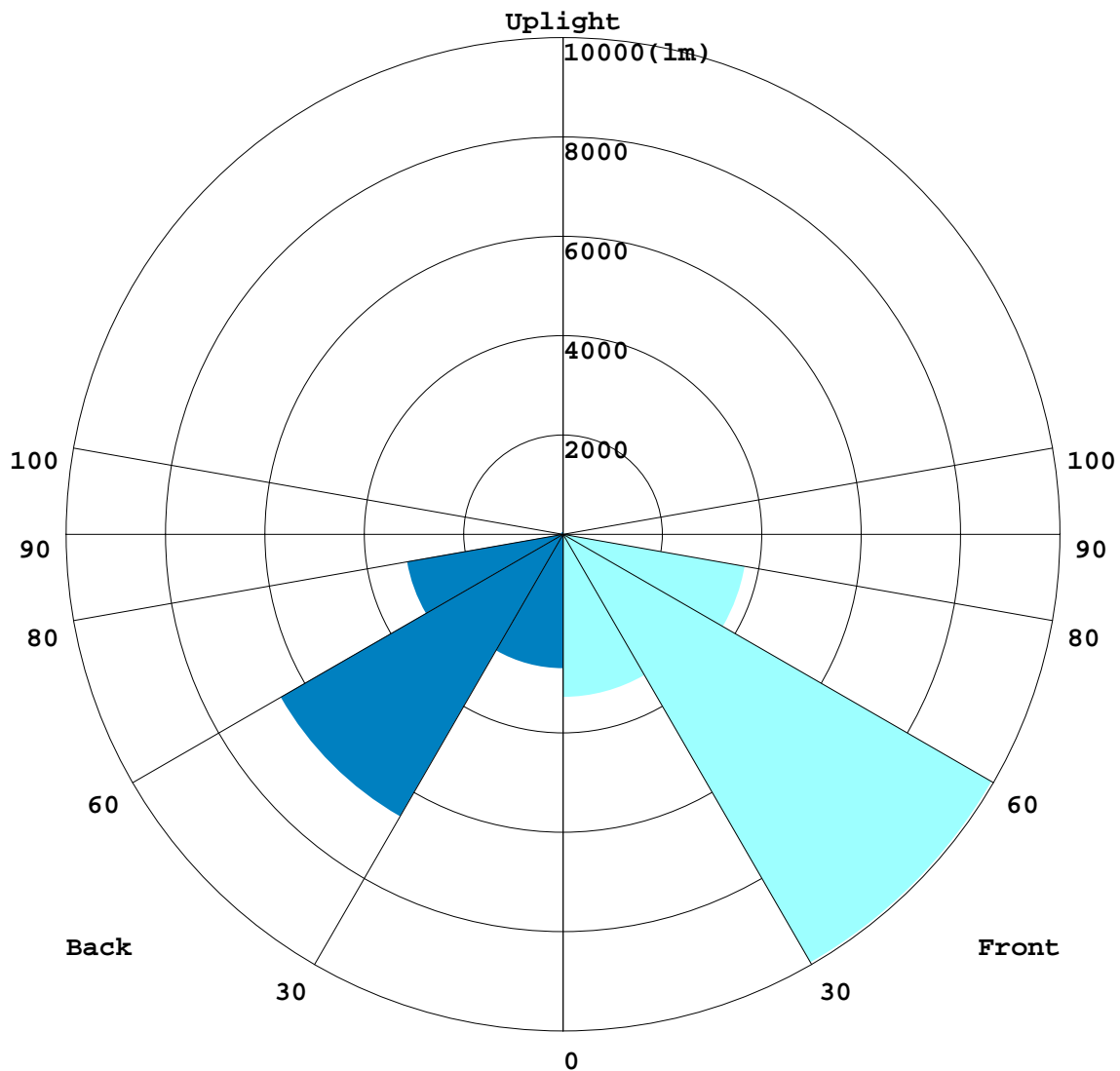
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: zhaojicheng  
Test Date: 2023-12-14

$\gamma$  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:220.94V I:0.7322A P:156.98W PF:0.9704 Freq:50.00Hz Lamp Flux:29638.3x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134G 160w4000K With 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: HIGH  
Temperature:25.0°C  
Operators:zhaojicheng  
Test Date:2023-12-14

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:220.94V I:0.7322A P:156.98W PF:0.9704 Freq:50.00Hz Lamp Flux:29638.3x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134G 160w4000K With 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)	3277.1	11.1
FM - Front-Medium(30-60)	9958.2	33.6
FH - Front-High(60-80)	3717	12.5
FVH - Front-Very High(80-90)	85.877	0.3
Total Forward Light	17071	57.6

BL - Back-Low(0-30)	2701	9.1
BM - Back-Medium(30-60)	6562.1	22.1
BH - Back-High(60-80)	3187.7	10.8
BVH - Back-Very High(80-90)	69.608	0.2
Total Back Light	12568	42.4

UL - Uplight-Low(90-100)	3.487	0.0
UH - Uplight-High(100-180)	76.283	0.3
Total Up Light	79.77	0.3

BUG(Back,Up,Glare) Rating	B4-U3-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	12520	47.261	12568
Street Side	17038	32.509	17071

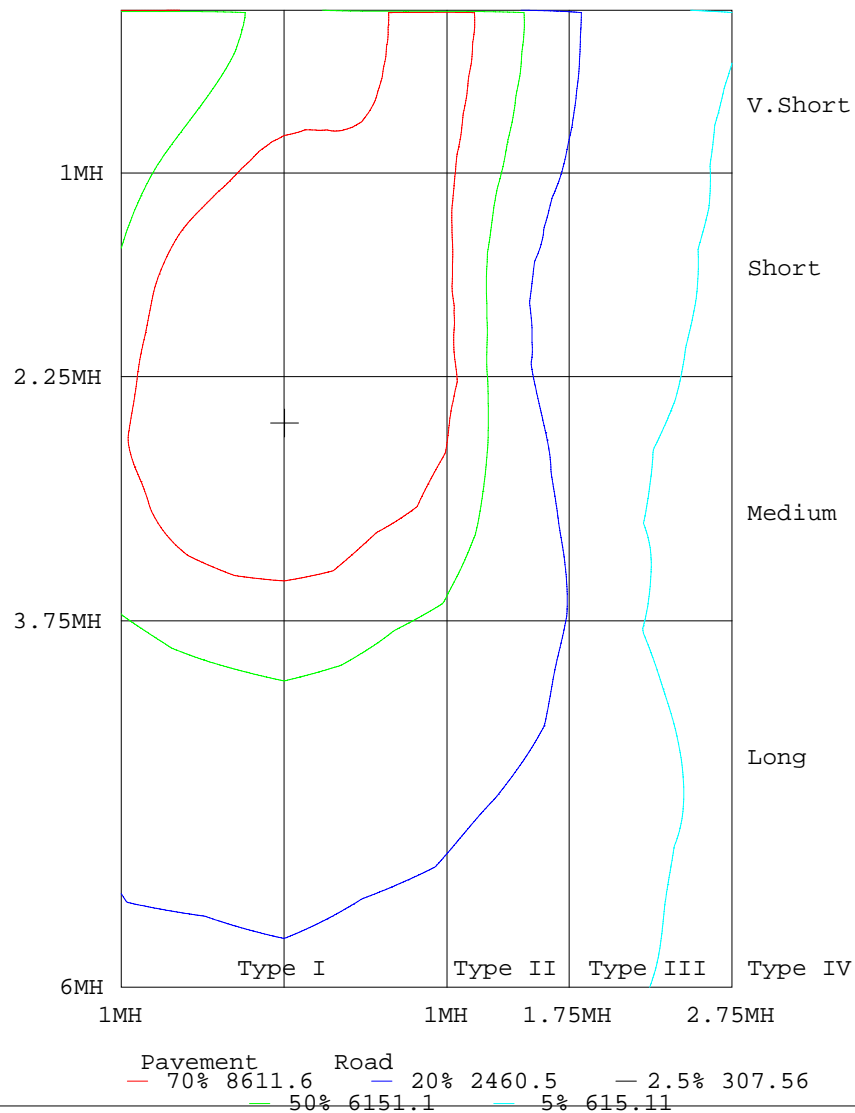
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:zhaojicheng  
Test Date:2023-12-14

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

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: zhaojicheng  
Test Date: 2023-12-14

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:220.94V I:0.7322A P:156.98W PF:0.9704 Freq:50.00Hz Lamp Flux:29638.3x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134G 160w4000K With 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	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725
5	725	728	731	733	735	737	739	741	742	744	745	746	747	748	749	750	750	751	751
10	726	732	737	741	744	748	751	754	756	758	760	761	763	763	764	766	765	767	766
15	732	738	744	749	754	758	761	763	765	768	769	771	770	773	773	775	774	776	775
20	745	752	759	763	767	769	771	773	774	775	776	778	778	779	780	782	783	784	784
25	767	773	779	783	785	786	785	785	784	786	786	789	790	792	794	799	799	800	801
30	793	800	805	806	806	804	802	800	800	801	804	809	812	820	825	830	833	835	836
35	824	831	834	832	829	825	821	820	822	828	837	846	857	863	871	879	883	885	886
40	857	863	865	860	856	852	849	852	861	873	886	897	906	912	916	921	922	926	925
45	886	893	893	889	886	886	894	904	916	923	928	930	929	929	926	926	923	926	923
50	907	913	915	918	928	942	956	957	951	939	923	912	893	884	868	864	853	854	849
55	931	938	950	973	1000	1006	992	964	920	877	829	797	754	729	699	683	669	668	661
60	981	1002	1045	1070	1059	1023	962	877	766	665	583	524	463	431	385	365	336	334	321
65	1118	1149	1155	1123	1050	938	811	607	401	262	188	163	143	131	111	106	102	103	99.8
70	1137	1113	1062	990	898	690	434	166	91.4	85.4	79.1	74.3	68.1	65.8	61.8	61.0	61.5	63.4	62.2
75	684	698	635	603	482	330	105	62.0	53.0	49.1	46.1	43.2	39.5	38.1	36.8	36.6	36.9	38.5	37.6
80	205	196	180	148	97.8	55.6	32.9	27.7	23.3	21.8	19.6	19.1	17.0	17.4	17.5	17.9	17.8	18.2	17.5
85	15.0	16.7	21.0	18.1	14.9	11.3	8.37	7.09	5.64	5.71	5.21	5.34	4.71	4.82	4.66	4.95	4.69	3.70	2.24
90	0.30	0.28	0.27	0.22	0.19	0.14	0.11	0.08	0.07	0.06	0.07	0.06	0.07	0.07	0.07	0.08	0.07	0.07	0.06
95	0.70	0.65	0.63	0.52	0.44	0.32	0.24	0.16	0.11	0.09	0.08	0.08	0.07	0.08	0.07	0.07	0.07	0.07	0.07
100	1.19	1.13	1.08	0.93	0.79	0.62	0.47	0.33	0.23	0.16	0.12	0.12	0.11	0.11	0.10	0.10	0.10	0.10	0.10
105	1.62	1.56	1.48	1.31	1.14	0.94	0.76	0.57	0.43	0.31	0.23	0.19	0.18	0.17	0.16	0.16	0.15	0.15	0.15
110	1.92	1.86	1.77	1.61	1.43	1.23	1.04	0.84	0.67	0.51	0.41	0.33	0.29	0.27	0.25	0.25	0.24	0.24	0.24
115	2.12	2.08	1.99	1.86	1.69	1.50	1.30	1.10	0.91	0.74	0.60	0.50	0.44	0.41	0.39	0.37	0.36	0.36	0.36
120	2.20	2.18	2.11	2.01	1.87	1.71	1.52	1.32	1.13	0.95	0.80	0.69	0.61	0.56	0.54	0.52	0.51	0.50	0.50
125	2.20	2.16	2.12	2.03	1.92	1.79	1.64	1.48	1.30	1.13	0.99	0.88	0.79	0.73	0.69	0.67	0.65	0.65	0.65
130	2.12	2.08	2.04	1.96	1.90	1.79	1.68	1.56	1.41	1.28	1.15	1.04	0.95	0.89	0.84	0.81	0.79	0.79	0.79
135	2.01	1.97	1.94	1.89	1.85	1.78	1.69	1.60	1.49	1.39	1.27	1.18	1.09	1.03	0.97	0.94	0.91	0.91	0.90
140	1.94	1.90	1.89	1.85	1.83	1.78	1.70	1.63	1.54	1.46	1.36	1.29	1.21	1.15	1.09	1.05	1.03	1.02	1.01
145	1.89	1.86	1.86	1.85	1.82	1.78	1.72	1.66	1.58	1.53	1.45	1.38	1.30	1.25	1.20	1.17	1.14	1.14	1.13
150	1.87	1.85	1.85	1.85	1.82	1.79	1.74	1.69	1.63	1.58	1.51	1.46	1.39	1.35	1.31	1.29	1.26	1.26	1.25
155	1.86	1.86	1.86	1.86	1.84	1.81	1.76	1.73	1.68	1.63	1.58	1.54	1.49	1.46	1.42	1.41	1.39	1.39	1.38
160	1.86	1.88	1.88	1.89	1.85	1.83	1.79	1.77	1.72	1.69	1.65	1.63	1.59	1.57	1.54	1.54	1.52	1.52	1.51
165	1.89	1.91	1.92	1.91	1.88	1.86	1.82	1.81	1.78	1.77	1.74	1.72	1.69	1.68	1.67	1.67	1.65	1.66	1.64
170	1.94	1.97	1.96	1.94	1.91	1.90	1.87	1.87	1.85	1.84	1.82	1.82	1.80	1.80	1.78	1.78	1.77	1.78	1.77
175	2.00	2.02	1.99	1.97	1.95	1.94	1.93	1.93	1.92	1.92	1.90	1.90	1.88	1.89	1.87	1.88	1.88	1.89	1.88
180	2.03	2.03	2.00	1.98	1.97	1.97	1.97	1.98	1.97	1.97	1.97	1.97	1.96	1.96	1.96	1.97	1.97	1.98	1.98

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-14

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:220.94V I:0.7322A P:156.98W PF:0.9704 Freq:50.00Hz Lamp Flux:29638.3x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134G 160w4000K With 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	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725
5	751	750	750	749	749	748	747	746	745	743	742	742	740	736	734	733	729	726	725
10	767	766	766	765	765	764	763	762	760	758	757	756	751	747	743	741	736	730	726
15	776	775	775	774	775	774	773	772	771	769	768	765	764	759	754	750	743	736	729
20	784	784	784	783	783	782	781	780	780	779	779	778	775	773	769	765	758	748	741
25	801	800	799	797	796	795	793	792	792	791	792	793	791	792	790	786	782	770	762
30	836	834	831	828	824	819	815	811	809	808	809	814	813	817	819	818	812	801	793
35	886	884	880	876	869	862	852	844	836	832	831	834	838	844	848	851	847	836	828
40	925	924	923	919	916	911	902	893	882	872	865	867	869	876	881	886	883	873	865
45	926	925	929	930	934	935	936	935	932	927	918	914	902	907	911	915	915	903	893
50	854	853	864	870	886	899	919	933	950	963	973	976	961	951	943	940	938	929	919
55	665	669	683	699	729	759	803	839	890	937	984	1012	1029	1026	999	978	964	951	946
60	334	338	367	388	432	466	528	593	679	784	900	987	1051	1084	1095	1073	1028	998	998
65	103	102	106	111	132	144	163	203	279	423	634	843	968	1083	1153	1185	1173	1123	1115
70	63.0	61.5	61.3	62.9	67.2	69.4	75.6	80.9	86.8	93.2	191	465	732	927	1022	1100	1148	1190	1147
75	38.2	36.9	37.2	37.6	39.0	40.6	45.0	47.9	51.4	55.0	65.4	125	353	506	630	665	738	758	742
80	18.3	18.0	18.2	17.9	17.9	17.9	20.1	20.9	23.3	25.3	29.9	35.8	61.4	107	163	205	222	249	233
85	3.42	4.64	5.14	4.90	5.15	5.12	5.86	5.88	6.49	6.60	8.43	10.03	13.3	17.4	21.4	24.4	22.7	19.0	19.4
90	0.07	0.08	0.17	0.09	0.17	0.09	0.10	0.09	0.10	0.10	0.12	0.13	0.18	0.24	0.43	0.70	1.20	0.50	0.49
95	0.08	0.07	0.08	0.07	0.08	0.08	0.09	0.08	0.10	0.11	0.17	0.26	0.35	0.47	0.61	0.82	1.25	0.94	0.96
100	0.11	0.10	0.11	0.10	0.11	0.11	0.12	0.13	0.16	0.24	0.36	0.53	0.67	0.85	0.98	1.11	1.13	1.46	1.48
105	0.16	0.15	0.16	0.16	0.18	0.18	0.20	0.23	0.31	0.46	0.63	0.85	1.03	1.23	1.38	1.53	1.56	1.90	1.92
110	0.24	0.24	0.25	0.26	0.28	0.30	0.33	0.42	0.54	0.73	0.94	1.16	1.34	1.54	1.69	1.83	1.89	2.18	2.19
115	0.36	0.37	0.38	0.40	0.42	0.46	0.52	0.63	0.79	1.00	1.20	1.39	1.56	1.73	1.89	2.03	2.10	2.33	2.33
120	0.51	0.51	0.53	0.55	0.58	0.63	0.72	0.85	1.01	1.18	1.34	1.49	1.64	1.80	1.96	2.11	2.19	2.34	2.35
125	0.66	0.66	0.68	0.71	0.75	0.81	0.91	1.03	1.16	1.27	1.40	1.52	1.66	1.82	1.96	2.10	2.18	2.24	2.26
130	0.79	0.79	0.81	0.84	0.90	0.96	1.05	1.14	1.24	1.32	1.43	1.55	1.68	1.82	1.94	2.06	2.13	2.11	2.13
135	0.91	0.91	0.93	0.96	1.01	1.07	1.15	1.22	1.31	1.38	1.48	1.59	1.71	1.82	1.90	2.00	2.04	1.98	2.01
140	1.02	1.02	1.04	1.07	1.12	1.17	1.24	1.30	1.38	1.44	1.53	1.62	1.71	1.80	1.86	1.92	1.97	1.90	1.92
145	1.14	1.14	1.16	1.18	1.22	1.26	1.32	1.38	1.44	1.50	1.57	1.63	1.71	1.78	1.81	1.88	1.89	1.84	1.86
150	1.26	1.26	1.28	1.29	1.32	1.35	1.40	1.44	1.51	1.55	1.61	1.66	1.72	1.77	1.84	1.85	1.87	1.81	1.83
155	1.39	1.38	1.39	1.40	1.43	1.44	1.49	1.52	1.57	1.60	1.65	1.69	1.73	1.77	1.82	2.00	1.87	1.81	1.82
160	1.52	1.51	1.52	1.52	1.54	1.55	1.58	1.60	1.64	1.66	1.70	1.73	1.76	1.78	1.82	1.84	1.87	1.84	1.83
165	1.65	1.64	1.65	1.64	1.66	1.67	1.69	1.70	1.72	1.73	1.76	1.78	1.81	1.82	1.85	1.86	1.89	1.88	1.86
170	1.77	1.76	1.77	1.76	1.78	1.77	1.79	1.79	1.81	1.82	1.84	1.85	1.87	1.88	1.90	1.91	1.94	1.94	1.91
175	1.89	1.87	1.88	1.87	1.89	1.88	1.89	1.89	1.91	1.91	1.92	1.93	1.94	1.95	2.03	2.16	2.34	2.01	1.98
180	1.98	1.98	1.98	1.97	1.97	1.97	1.98	1.98	1.99	1.98	1.99	1.99	1.99	2.00	2.07	2.18	2.45	2.03	2.02

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-14

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:220.94V I:0.7322A P:156.98W PF:0.9704 Freq:50.00Hz Lamp Flux:29638.3x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740134G 160w4000K With 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	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725
5	722	719	717	714	711	709	706	704	702	699	697	694	695	692	691	692	692	690	691
10	721	716	710	705	698	693	687	680	673	669	663	658	654	653	648	649	646	648	648
15	722	714	706	697	687	678	666	659	647	639	628	620	613	609	602	601	599	601	602
20	730	720	707	694	680	666	649	637	620	608	592	582	571	562	555	553	550	552	554
25	749	736	719	702	681	661	637	619	596	577	557	541	524	515	504	501	498	500	504
30	778	762	741	718	691	663	631	604	572	546	519	497	477	464	452	448	445	447	451
35	812	794	768	739	705	668	626	588	547	511	478	451	430	416	405	400	397	399	403
40	848	828	799	765	723	676	621	570	518	473	435	406	387	375	367	365	364	366	368
45	877	857	828	791	742	684	616	549	485	432	394	370	355	346	341	340	340	341	343
50	904	887	859	820	763	692	603	515	437	386	356	337	323	316	312	312	313	313	315
55	937	926	898	851	779	681	556	440	369	330	304	283	274	264	260	254	256	255	262
60	997	982	937	867	759	606	438	318	271	236	216	191	172	157	152	146	147	145	151
65	1085	1040	950	810	655	421	218	161	142	124	105	87.8	84.9	81.1	81.1	79.4	79.9	79.0	79.8
70	1100	984	869	652	383	120	79.5	73.0	68.9	57.0	54.8	50.6	49.8	49.7	51.8	52.9	53.0	52.7	51.4
75	709	658	520	311	133	43.1	41.6	38.0	35.3	32.7	31.6	31.0	31.1	30.5	31.2	31.8	32.1	31.8	31.0
80	230	157	106	32.8	22.1	19.3	18.0	15.7	16.1	15.2	15.1	14.9	15.5	15.0	15.1	14.7	15.1	14.7	14.8
85	12.4	9.06	7.52	5.87	5.32	4.52	4.29	3.86	4.05	3.89	4.09	3.84	4.04	3.64	3.64	3.20	3.33	3.15	3.48
90	0.46	0.42	0.34	0.28	0.20	0.15	0.11	0.10	0.08	0.09	0.08	0.10	0.07	0.09	0.07	0.07	0.07	0.07	0.07
95	0.89	0.83	0.69	0.59	0.45	0.33	0.21	0.15	0.12	0.11	0.11	0.10	0.10	0.09	0.10	0.09	0.09	0.09	0.10
100	1.40	1.33	1.16	1.03	0.83	0.67	0.48	0.35	0.25	0.22	0.19	0.18	0.17	0.16	0.16	0.15	0.16	0.15	0.16
105	1.84	1.75	1.59	1.44	1.24	1.07	0.86	0.71	0.55	0.48	0.41	0.39	0.35	0.34	0.32	0.32	0.31	0.32	0.32
110	2.13	2.03	1.89	1.76	1.60	1.46	1.27	1.12	0.96	0.86	0.76	0.73	0.67	0.66	0.62	0.63	0.61	0.62	0.61
115	2.29	2.20	2.10	1.99	1.87	1.76	1.62	1.50	1.35	1.27	1.16	1.12	1.07	1.05	1.01	1.02	0.99	1.01	1.00
120	2.32	2.26	2.18	2.10	2.03	1.96	1.87	1.79	1.69	1.63	1.55	1.52	1.47	1.47	1.43	1.45	1.42	1.43	1.41
125	2.24	2.22	2.17	2.12	2.08	2.04	2.02	1.98	1.95	1.92	1.89	1.88	1.85	1.85	1.83	1.85	1.83	1.84	1.82
130	2.13	2.13	2.11	2.11	2.08	2.07	2.06	2.06	2.07	2.07	2.09	2.09	2.10	2.11	2.12	2.14	2.14	2.14	2.13
135	2.02	2.04	2.03	2.05	2.04	2.05	2.05	2.07	2.08	2.11	2.13	2.15	2.17	2.21	2.23	2.26	2.27	2.27	2.26
140	1.93	1.95	1.96	1.99	1.99	2.02	2.02	2.05	2.06	2.09	2.11	2.15	2.16	2.21	2.23	2.26	2.26	2.28	2.25
145	1.86	1.89	1.90	1.93	1.94	1.98	1.99	2.02	2.03	2.06	2.07	2.10	2.12	2.16	2.18	2.21	2.20	2.21	2.19
150	1.83	1.85	1.86	1.90	1.91	1.95	1.96	1.99	1.99	2.02	2.04	2.07	2.08	2.12	2.13	2.16	2.14	2.15	2.13
155	1.83	1.84	1.86	1.88	1.90	1.93	1.94	1.97	1.97	2.01	2.02	2.05	2.06	2.10	2.10	2.12	2.11	2.12	2.10
160	1.84	1.85	1.87	1.89	1.91	1.93	1.94	1.96	1.97	2.00	2.01	2.04	2.05	2.08	2.08	2.11	2.09	2.10	2.08
165	1.88	1.88	1.90	1.91	1.93	1.93	1.95	1.96	1.98	2.00	2.01	2.04	2.04	2.06	2.06	2.09	2.08	2.09	2.07
170	1.92	1.92	1.94	1.94	1.96	1.96	1.98	1.97	1.99	2.00	2.01	2.03	2.03	2.05	2.05	2.07	2.06	2.07	2.06
175	1.97	1.96	1.97	1.97	1.98	1.99	1.98	1.99	1.98	1.99	2.00	2.01	2.01	2.02	2.02	2.04	2.03	2.04	2.03
180	2.00	1.98	1.98	1.98	1.98	1.98	1.98	1.98	1.97	1.97	1.97	1.97	1.97	1.98	1.98	1.99	1.98	1.99	1.98

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-14

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:220.94V I:0.7322A P:156.98W PF:0.9704 Freq:50.00Hz Lamp Flux:29638.3x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 5.8		
SPEC.: AL6740134G 160w4000K With 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	725	725	725	725	725	725	725	725	725	725	725	725	725	725	725				
5	692	693	694	697	698	700	702	705	707	710	713	716	718	721	723				
10	651	652	658	661	668	671	678	681	690	697	702	706	712	719	723				
15	607	611	620	626	637	644	656	663	674	685	694	702	709	718	724				
20	561	568	579	590	605	617	633	646	663	678	691	704	714	727	735				
25	512	522	538	554	573	591	614	633	656	677	697	714	729	745	756				
30	461	474	493	514	541	567	598	625	656	683	709	732	753	768	783				
35	413	427	448	473	506	540	580	618	659	695	727	756	780	798	814				
40	376	386	405	432	470	512	563	612	665	711	751	782	811	830	847				
45	350	358	374	395	432	481	544	608	673	729	773	809	838	859	873				
50	319	327	341	361	390	437	513	598	682	751	804	841	866	883	897				
55	267	278	290	308	333	370	437	551	672	769	839	883	907	916	921				
60	155	171	189	216	236	270	316	429	591	742	852	918	965	981	975				
65	79.5	82.6	83.8	96.5	115	133	152	205	391	631	781	926	1018	1060	1062				
70	49.4	49.2	49.6	53.3	55.2	64.8	69.2	74.3	101	338	606	831	941	1064	1067				
75	30.2	30.4	30.3	30.8	31.9	34.3	36.6	40.0	41.3	114	276	472	607	635	649				
80	14.7	14.9	14.4	14.5	14.5	15.1	14.7	16.7	17.9	20.5	29.5	96.6	117	183	180				
85	3.45	3.72	3.53	3.70	3.50	3.54	3.32	3.62	3.75	4.42	4.84	6.39	7.13	10.2	13.7				
90	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.10	0.13	0.19	0.26	0.32	0.41	0.47	0.60				
95	0.09	0.10	0.10	0.11	0.10	0.12	0.15	0.21	0.31	0.42	0.56	0.67	0.83	0.92	1.08				
100	0.16	0.17	0.18	0.19	0.21	0.26	0.35	0.46	0.62	0.77	0.96	1.11	1.30	1.43	1.60				
105	0.34	0.35	0.38	0.40	0.47	0.54	0.68	0.81	0.99	1.15	1.35	1.53	1.74	1.89	2.07				
110	0.65	0.66	0.71	0.74	0.83	0.92	1.07	1.20	1.37	1.52	1.71	1.88	2.09	2.23	2.38				
115	1.04	1.04	1.10	1.14	1.24	1.32	1.46	1.57	1.73	1.88	2.05	2.20	2.35	2.46	2.57				
120	1.45	1.46	1.51	1.54	1.63	1.69	1.81	1.91	2.05	2.17	2.29	2.39	2.46	2.53	2.60				
125	1.85	1.85	1.89	1.91	1.97	2.02	2.09	2.17	2.24	2.31	2.35	2.38	2.42	2.44	2.49				
130	2.14	2.14	2.16	2.17	2.19	2.22	2.24	2.27	2.28	2.29	2.30	2.28	2.29	2.29	2.35				
135	2.26	2.25	2.26	2.25	2.26	2.25	2.27	2.24	2.24	2.22	2.21	2.17	2.17	2.17	2.24				
140	2.26	2.24	2.25	2.24	2.24	2.21	2.21	2.18	2.18	2.14	2.14	2.10	2.09	2.09	2.18				
145	2.20	2.18	2.18	2.17	2.18	2.16	2.15	2.12	2.12	2.09	2.08	2.05	2.05	2.05	2.14				
150	2.13	2.11	2.12	2.10	2.11	2.10	2.10	2.07	2.07	2.05	2.05	2.02	2.03	2.05	2.14				
155	2.10	2.08	2.08	2.07	2.07	2.05	2.06	2.04	2.05	2.02	2.03	2.01	2.03	2.06	2.18				
160	2.08	2.06	2.07	2.05	2.05	2.03	2.03	2.01	2.02	2.01	2.01	2.00	2.03	2.08	2.24				
165	2.07	2.05	2.06	2.04	2.04	2.03	2.03	2.01	2.01	2.00	2.00	2.00	2.03	2.11	2.30				
170	2.06	2.04	2.05	2.04	2.04	2.02	2.02	2.00	2.01	2.00	2.00	2.00	2.04	2.14	2.37				
175	2.04	2.02	2.03	2.02	2.02	2.01	2.02	2.00	2.01	2.00	2.00	2.00	2.06	2.17	2.43				
180	1.98	1.98	1.98	1.98	1.99	1.98	1.99	1.99	1.99	1.99	1.99	2.00	2.06	2.17	2.45				

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-14

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: