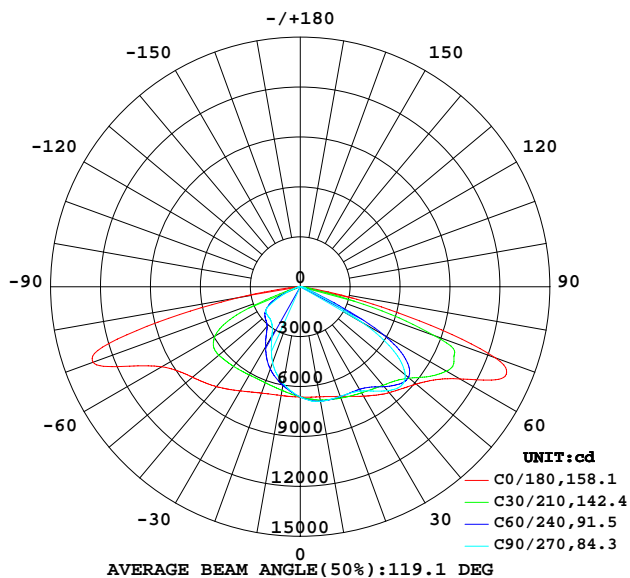
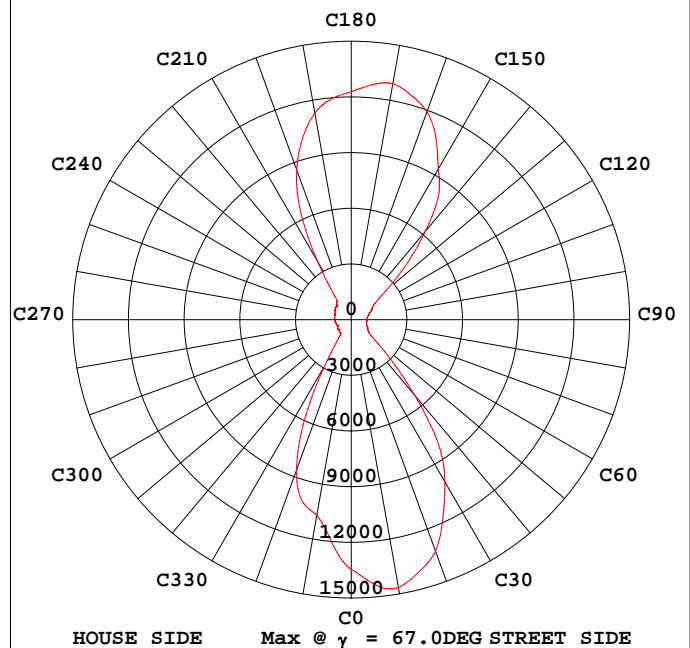


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.14V I:0.6923A P:148.08W PF:0.9673 Freq:50.00Hz Lamp Flux:28340x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124 150w 4000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 191.39 lm/W
MODEL	150W4000K	I <sub>max</sub> (cd)	14653	η street_up(%)	0.1	
NOMINAL POWER(W)	150	LOR(%)	100.0	η street_down(%)	60.6	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	28340	η house_up(%)	0.2	
NOMINAL FLUX(lm)	28340	MAXIMUM @(C,γ )	10,67.0	η house_down(%)	39.1	
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100	
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	22.062	

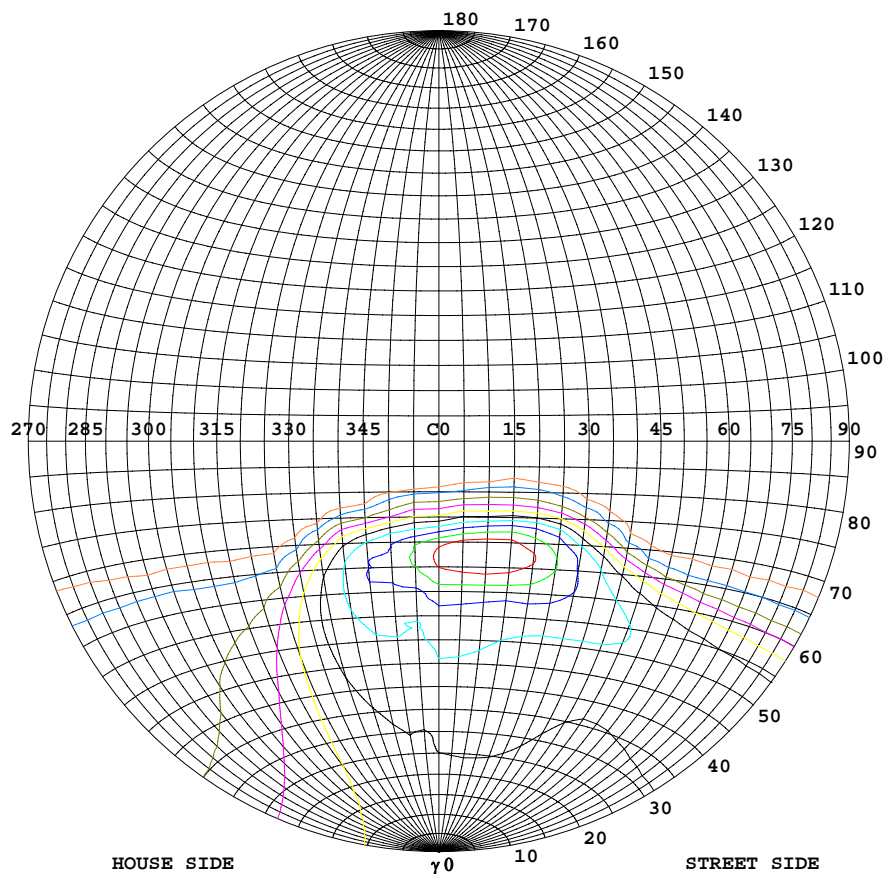
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

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:221.14V I:0.6923A P:148.08W PF:0.9673 Freq:50.00Hz Lamp Flux:28340x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124 150w 4000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



## Classification:

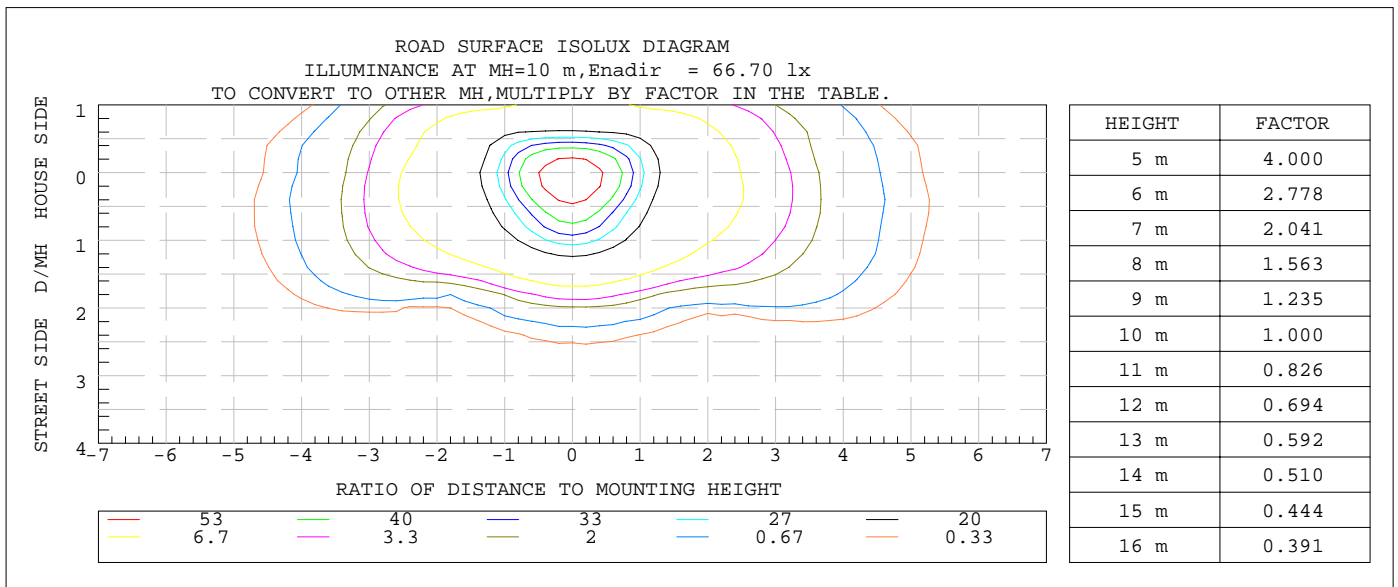
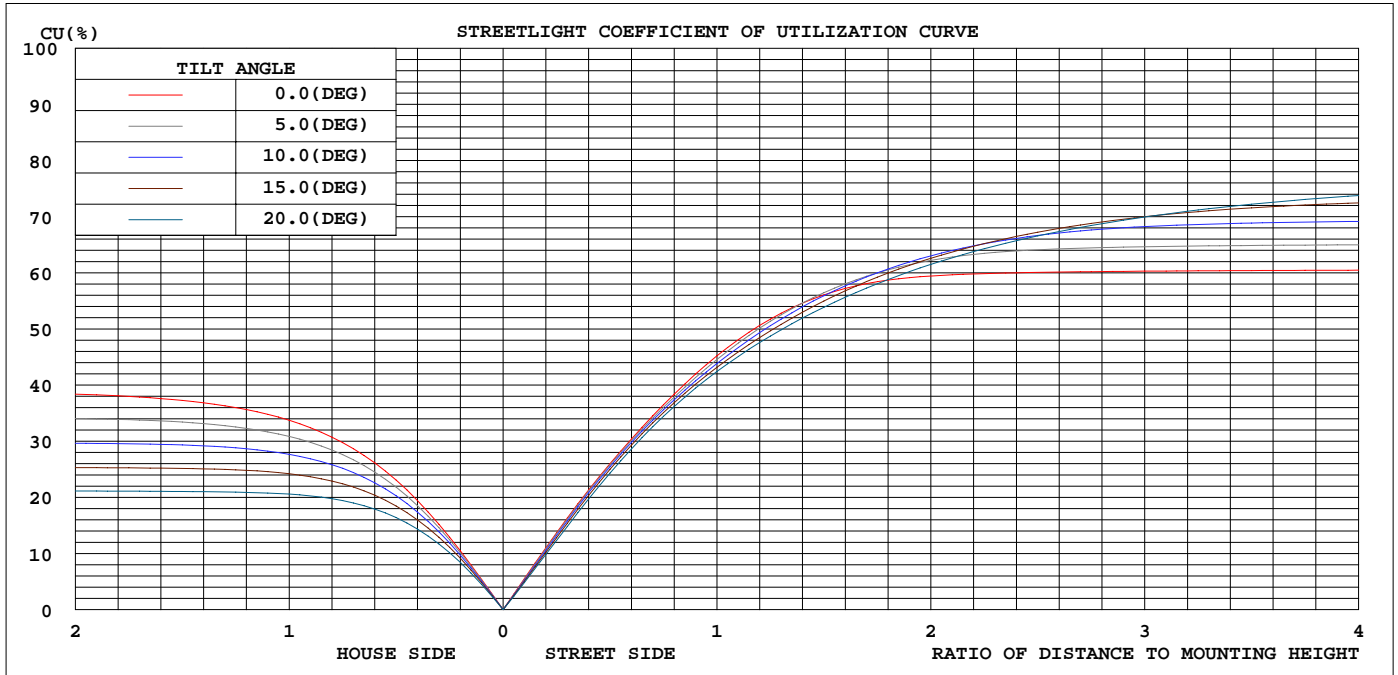
IES:Type II - Medium  
CIE:Narrow - Intermediate  
IES:Semi cut-off  
CIE:Non-cut-off  
Max.At80:153.4cd/klm  
Max.At90:1.394cd/klm  
Max.80-90:153.4cd/klm

ISOCANDELA DIAGRAM		
UNIT	cd	
I <sub>max</sub> =100%	14653	
90%	13188	
80%	11722	
70%	10257	
60%	8792	
50%	7326	
40%	5861	
30%	4396	
20%	2931	
10%	1465	
5%	733	

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

$\gamma$  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:221.14V I:0.6923A P:148.08W PF:0.9673 Freq:50.00Hz Lamp Flux:28340x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124 150w 4000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

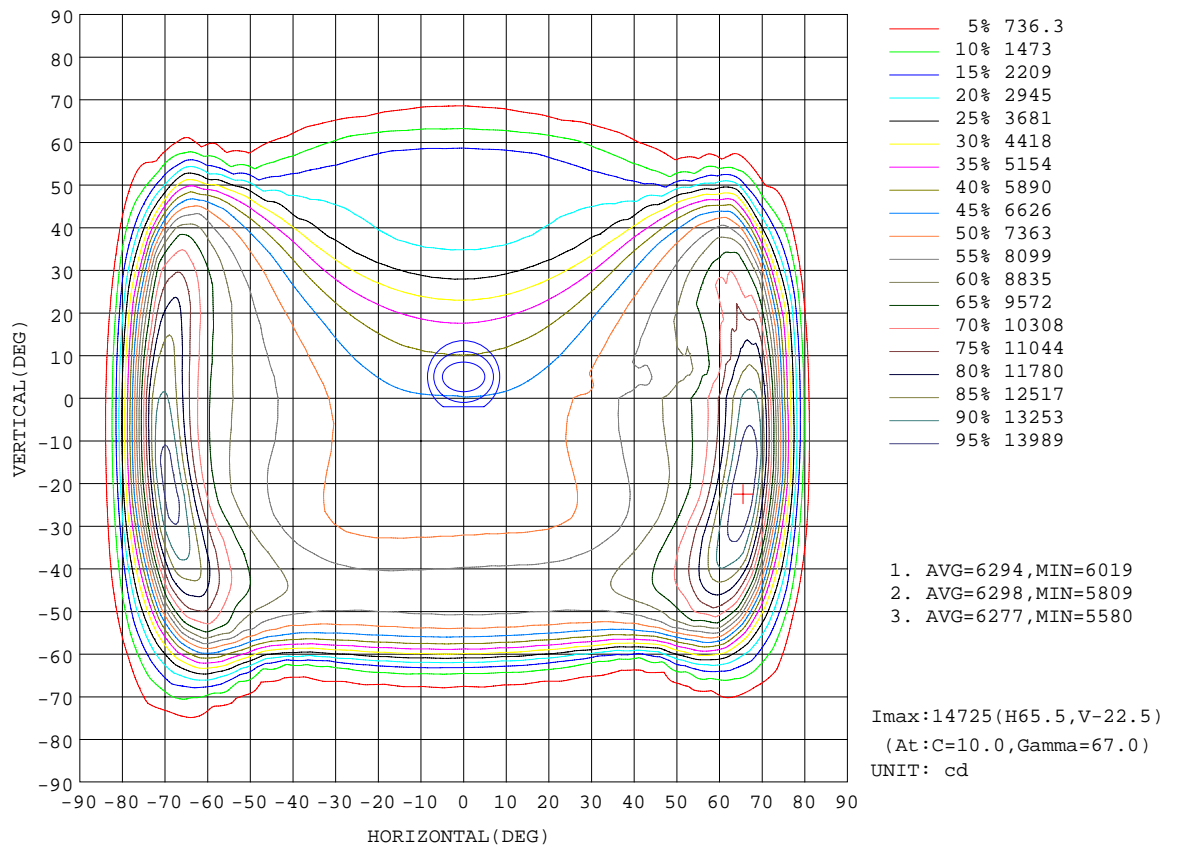
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	671.9	693.9	698.9	690.4	663.9	616.7	591.1	623.1	0- 10	629.5	629.5	2.22,2.22
20	701.5	705.0	702.0	697.1	680.4	569.4	486.2	583.3	10- 20	1837	2466	8.7,8.7
30	759.9	714.2	724.1	702.1	722.9	514.6	340.9	535.6	20- 30	2925	5392	19,19
40	830.8	752.5	815.4	732.7	783.4	437.3	273.0	459.6	30- 40	3958	9350	33,33
50	910.2	859.7	823.1	831.7	845.8	343.9	261.1	347.5	40- 50	5074	14424	50.9,50.9
60	1108	798.2	435.0	804.9	962.1	250.6	199.7	229.1	50- 60	5863	20287	71.6,71.6
70	1246	82.63	46.45	129.4	1325	59.54	58.67	49.00	60- 70	5218	25506	90,90
80	128.8	18.89	14.42	25.93	375.7	13.51	12.53	11.36	70- 80	2560	28065	99,99
90	0.4922	0.0825	0.0748	0.1710	0.7684	0.1198	0.0672	0.1154	80- 90	196.6	28262	99.7,99.7
100	1.477	0.1431	0.1134	0.1419	1.450	0.4928	0.1505	0.5457	90-100	5.350	28267	99.7,99.7
110	2.086	0.4113	0.2792	0.4106	2.232	1.231	0.6206	1.213	100-110	9.645	28277	99.8,99.8
120	2.204	0.7509	0.5050	0.7990	2.348	1.757	1.361	1.764	110-120	13.13	28290	99.8,99.8
130	1.912	1.014	0.6692	1.061	2.018	1.853	1.915	1.949	120-130	13.92	28304	99.9,99.9
140	1.726	1.187	0.8044	1.188	1.775	1.809	1.933	1.856	130-140	12.31	28316	99.9,99.9
150	1.656	1.331	1.028	1.306	1.680	1.754	1.834	1.784	140-150	10.00	28326	99.9,100
160	1.651	1.470	1.298	1.454	1.686	1.743	1.811	1.756	150-160	7.572	28334	100,100
170	1.721	1.627	1.572	1.626	1.754	1.766	1.810	1.763	160-170	4.902	28339	100,100
180	1.815	1.769	1.783	1.767	1.807	1.770	1.784	1.772	170-180	1.771	28340	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

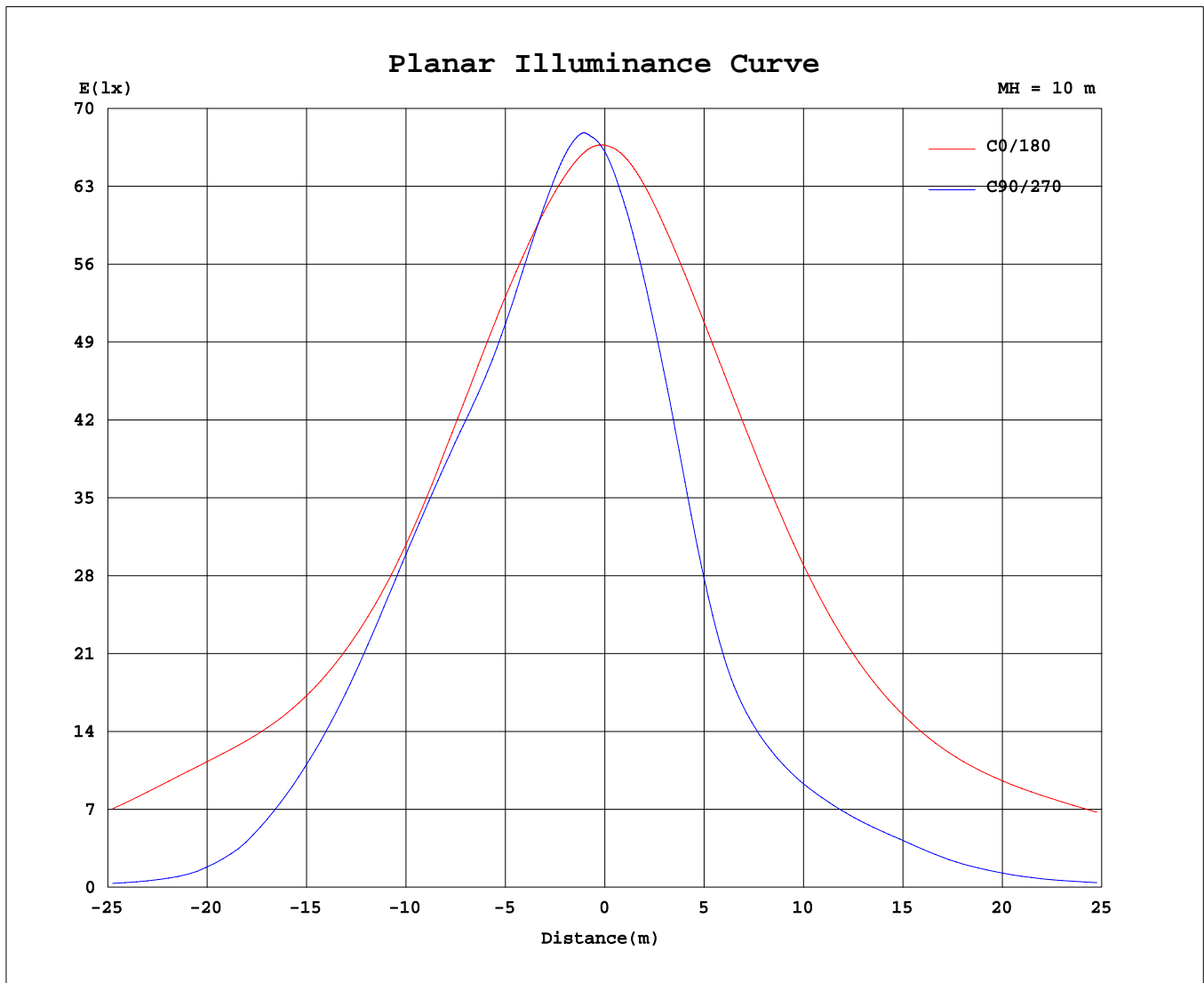
Test:U:221.14V I:0.6923A P:148.08W PF:0.9673 Freq:50.00Hz Lamp Flux:28340x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124 150w 4000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



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



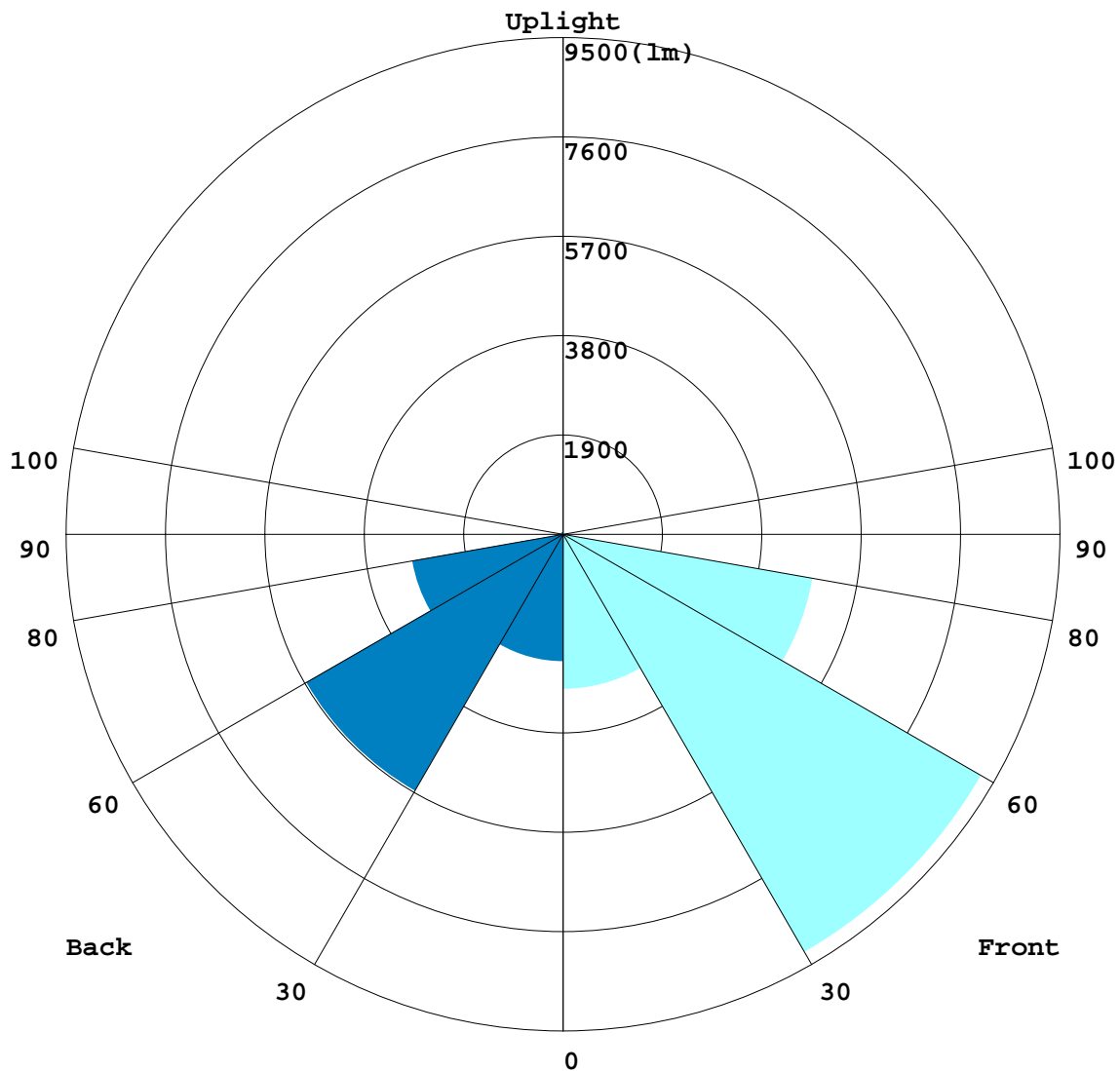
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: yangbin  
Test Date: 2023-11-27

$\gamma$  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:221.14V I:0.6923A P:148.08W PF:0.9673 Freq:50.00Hz Lamp Flux:28340x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124 150w 4000K No 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:221.14V I:0.6923A P:148.08W PF:0.9673 Freq:50.00Hz Lamp Flux:28340x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124 150w 4000K No 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)	2959.7	10.4
FM - Front-Medium(30-60)	9227.3	32.6
FH - Front-High(60-80)	4847.5	17.1
FVH - Front-Very High(80-90)	137.81	0.5
Total Forward Light	17203	60.7

BL - Back-Low(0-30)	2431.9	8.6
BM - Back-Medium(30-60)	5668.3	20.0
BH - Back-High(60-80)	2930.5	10.3
BVH - Back-Very High(80-90)	58.814	0.2
Total Back Light	11137	39.3

UL - Uplight-Low(90-100)	5.3501	0.0
UH - Uplight-High(100-180)	73.261	0.3
Total Up Light	78.611	0.3

BUG(Back,Up,Glare) Rating	B4-U3-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	11090	47.511	11137
Street Side	17172	31.101	17203

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

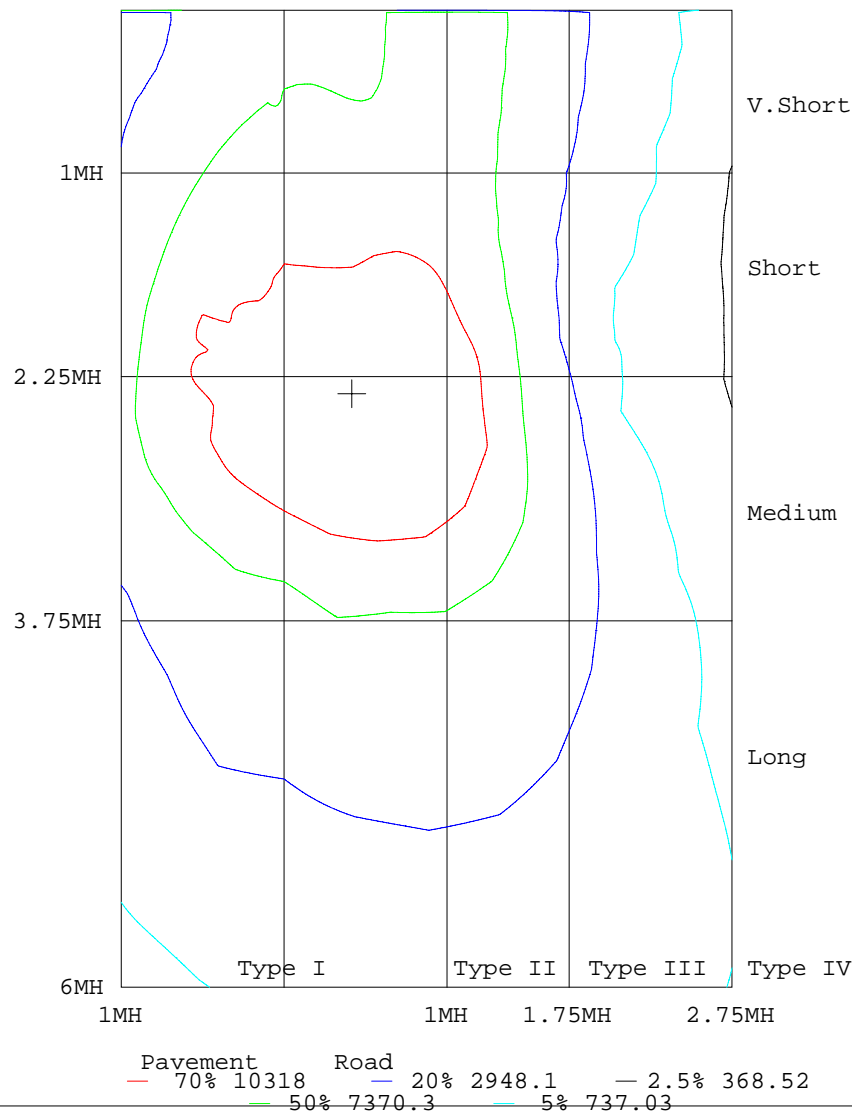
γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity:65.0%  
Test Distance:12.534m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:221.14V I:0.6923A P:148.08W PF:0.9673 Freq:50.00Hz Lamp Flux:28340x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124 150w 4000K No 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:221.14V I:0.6923A P:148.08W PF:0.9673 Freq:50.00Hz Lamp Flux:28340x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124 150w 4000K No 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	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663
5	666	669	671	673	674	676	678	679	681	681	683	683	685	685	686	685	687	686	687
10	672	676	679	682	685	687	691	691	694	694	697	696	698	697	699	698	699	697	699
15	683	688	692	695	697	698	702	700	702	701	703	701	702	701	702	700	701	700	701
20	701	706	710	711	712	711	712	709	708	705	705	702	703	701	703	701	702	701	702
25	728	731	734	733	730	726	724	717	714	709	708	705	705	704	705	704	706	704	706
30	760	762	762	757	751	742	736	726	721	714	712	710	712	713	717	718	723	722	724
35	795	796	792	783	774	762	753	739	732	725	727	728	737	742	752	756	763	762	765
40	831	830	824	813	801	786	773	759	754	752	763	771	784	791	802	806	813	813	815
45	866	864	855	840	826	812	802	793	800	805	815	821	830	835	842	845	849	847	849
50	910	905	891	874	862	853	856	856	863	860	859	853	848	841	835	830	826	824	823
55	977	970	955	936	936	941	941	925	910	881	847	814	782	758	735	719	708	701	701
60	1108	1103	1097	1089	1097	1061	1014	956	880	798	714	644	578	533	489	469	443	442	435
65	1316	1368	1401	1359	1287	1170	1019	889	709	507	338	230	196	169	153	147	133	134	130
70	1246	1350	1369	1351	1226	1098	853	559	229	82.6	63.7	59.8	50.5	46.4	42.9	44.0	44.3	46.5	46.4
75	613	738	746	786	733	583	335	113	52.5	41.5	33.4	29.2	26.6	25.1	24.6	25.7	26.6	27.9	28.1
80	129	162	211	207	185	117	53.8	35.4	25.3	18.9	14.9	14.7	14.5	14.4	13.9	14.6	14.5	14.8	14.4
85	4.10	5.80	14.3	18.5	18.9	16.3	11.5	8.53	5.66	4.65	4.49	4.70	4.75	4.96	4.62	4.93	4.67	4.00	3.28
90	0.49	0.41	0.36	0.28	0.21	0.15	0.13	0.09	0.09	0.08	0.09	0.08	0.08	0.08	0.08	0.10	0.08	0.07	0.07
95	0.96	0.83	0.73	0.57	0.45	0.31	0.21	0.14	0.10	0.10	0.09	0.09	0.08	0.09	0.08	0.08	0.08	0.08	0.08
100	1.48	1.32	1.17	0.95	0.76	0.56	0.41	0.27	0.18	0.14	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12	0.11
105	1.86	1.72	1.54	1.30	1.08	0.84	0.65	0.47	0.34	0.25	0.21	0.21	0.20	0.20	0.19	0.19	0.19	0.19	0.18
110	2.09	1.97	1.80	1.56	1.32	1.09	0.88	0.68	0.53	0.41	0.34	0.31	0.30	0.29	0.29	0.29	0.28	0.28	0.28
115	2.21	2.13	1.98	1.78	1.55	1.32	1.11	0.90	0.73	0.58	0.49	0.44	0.42	0.41	0.40	0.40	0.40	0.40	0.39
120	2.20	2.14	2.03	1.89	1.70	1.50	1.29	1.08	0.90	0.75	0.64	0.57	0.53	0.52	0.51	0.51	0.50	0.51	0.50
125	2.07	2.03	1.97	1.85	1.72	1.54	1.38	1.21	1.04	0.90	0.78	0.70	0.65	0.62	0.61	0.61	0.60	0.60	0.60
130	1.91	1.88	1.84	1.76	1.67	1.54	1.42	1.28	1.14	1.01	0.90	0.82	0.75	0.72	0.69	0.68	0.67	0.67	0.67
135	1.79	1.76	1.74	1.68	1.62	1.53	1.43	1.33	1.22	1.11	1.01	0.92	0.85	0.80	0.77	0.75	0.73	0.73	0.73
140	1.73	1.69	1.68	1.65	1.60	1.53	1.45	1.37	1.28	1.19	1.10	1.02	0.95	0.90	0.85	0.83	0.81	0.81	0.80
145	1.68	1.65	1.65	1.64	1.59	1.54	1.48	1.41	1.33	1.26	1.18	1.11	1.05	1.00	0.95	0.93	0.91	0.90	0.90
150	1.66	1.65	1.64	1.64	1.59	1.56	1.51	1.46	1.39	1.33	1.27	1.21	1.15	1.11	1.07	1.05	1.03	1.03	1.03
155	1.65	1.65	1.65	1.65	1.61	1.59	1.54	1.50	1.45	1.40	1.35	1.30	1.26	1.23	1.20	1.18	1.17	1.17	1.16
160	1.65	1.67	1.66	1.89	1.64	1.62	1.58	1.55	1.50	1.47	1.43	1.40	1.37	1.35	1.33	1.32	1.30	1.30	1.30
165	1.68	1.70	1.70	2.80	1.67	1.65	1.62	1.60	1.57	1.55	1.52	1.51	1.49	1.47	1.46	1.45	1.44	1.44	1.44
170	1.72	1.75	1.74	3.45	1.70	1.69	1.66	1.65	1.64	1.63	1.61	1.61	1.60	1.60	1.59	1.58	1.58	1.58	1.57
175	1.78	1.80	1.78	3.45	1.74	1.73	1.72	1.72	1.71	1.70	1.70	1.70	1.69	1.70	1.69	1.69	1.69	1.69	1.69
180	1.82	1.82	1.79	1.79	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.78	1.78	1.78	1.78	1.78

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:221.14V I:0.6923A P:148.08W PF:0.9673 Freq:50.00Hz Lamp Flux:28340x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740124 150w 4000K No 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	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663
5	685	686	684	684	683	682	681	680	679	678	676	675	673	671	669	667	665	662	660
10	697	699	697	698	695	696	693	694	690	691	687	684	682	679	676	673	669	664	660
15	699	700	699	700	698	700	698	699	696	696	693	693	689	686	683	680	676	669	663
20	700	701	700	701	699	700	698	699	697	699	698	700	698	697	695	692	688	680	674
25	704	705	702	703	700	701	698	699	698	702	702	707	708	710	710	709	706	698	691
30	721	721	716	714	708	706	702	703	702	706	709	716	720	726	729	732	731	723	715
35	761	759	751	746	735	728	718	714	711	715	719	729	735	744	751	757	758	752	745
40	811	809	801	795	782	772	755	745	733	732	734	744	753	765	774	784	788	783	776
45	846	845	840	836	826	819	805	795	778	769	761	768	775	787	798	810	817	814	808
50	825	827	831	835	838	841	840	840	832	827	813	808	806	812	821	836	847	846	840
55	705	715	733	745	768	790	817	842	860	874	875	876	864	856	856	872	886	888	885
60	451	462	494	523	572	619	673	739	805	866	911	942	961	962	938	946	959	962	965
65	139	144	165	179	208	253	326	439	592	744	857	961	1055	1119	1145	1148	1142	1130	1114
70	48.0	47.7	49.6	49.9	58.7	62.5	78.5	84.0	129	335	642	920	1077	1246	1350	1426	1414	1325	1255
75	28.6	28.1	27.7	27.2	28.4	31.0	34.6	39.9	49.9	67.5	210	511	806	997	1097	1121	1084	1018	918
80	15.2	15.3	15.8	15.4	16.3	17.0	18.3	19.5	25.9	35.5	51.8	101	241	355	414	433	435	376	329
85	4.08	5.37	6.02	6.03	6.81	6.92	7.14	7.26	8.28	10.8	16.3	22.6	33.7	46.8	74.7	51.3	45.8	21.9	19.7
90	0.07	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.17	0.19	0.22	0.27	0.35	0.45	0.86	3.00	3.95	0.77	2.49
95	0.08	0.08	0.08	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.14	0.20	0.28	0.40	0.77	3.00	4.07	0.89	2.98
100	0.12	0.11	0.12	0.11	0.12	0.12	0.13	0.13	0.14	0.18	0.27	0.42	0.57	0.75	0.99	3.00	4.38	1.45	3.31
105	0.18	0.18	0.18	0.18	0.19	0.19	0.20	0.20	0.24	0.34	0.50	0.71	0.92	1.15	1.37	2.18	4.23	1.94	3.67
110	0.28	0.28	0.28	0.28	0.28	0.29	0.30	0.33	0.41	0.56	0.74	0.98	1.22	1.47	1.69	2.30	2.86	2.23	3.88
115	0.39	0.39	0.39	0.39	0.40	0.40	0.43	0.49	0.60	0.79	0.99	1.23	1.44	1.66	1.86	2.39	2.78	2.36	3.71
120	0.51	0.50	0.51	0.51	0.51	0.53	0.57	0.66	0.80	0.98	1.17	1.36	1.53	1.71	1.93	2.40	2.72	2.35	2.44
125	0.60	0.60	0.60	0.61	0.62	0.65	0.72	0.82	0.96	1.10	1.25	1.38	1.52	1.70	1.98	2.35	2.64	2.21	2.24
130	0.68	0.67	0.68	0.69	0.72	0.77	0.84	0.95	1.06	1.17	1.28	1.39	1.53	1.69	1.87	2.29	2.53	2.02	2.04
135	0.74	0.74	0.76	0.77	0.82	0.87	0.95	1.04	1.13	1.21	1.31	1.41	1.54	1.67	1.87	2.12	2.43	1.87	1.90
140	0.81	0.82	0.84	0.87	0.91	0.97	1.04	1.11	1.19	1.26	1.35	1.44	1.55	1.65	1.75	2.09	2.34	1.78	1.80
145	0.91	0.93	0.95	0.98	1.02	1.06	1.12	1.18	1.24	1.31	1.38	1.46	1.55	1.63	1.79	2.01	2.27	1.71	1.75
150	1.04	1.05	1.07	1.09	1.12	1.16	1.20	1.25	1.31	1.36	1.43	1.49	1.56	1.62	1.76	1.71	2.23	1.68	1.72
155	1.17	1.18	1.19	1.20	1.23	1.25	1.29	1.33	1.38	1.42	1.47	1.52	1.57	1.62	1.70	1.85	2.12	1.68	1.71
160	1.30	1.31	1.32	1.33	1.34	1.36	1.39	1.42	1.45	1.49	1.53	1.56	1.60	1.63	1.66	1.76	1.70	1.69	1.71
165	1.44	1.44	1.45	1.46	1.47	1.48	1.50	1.52	1.54	1.56	1.59	1.61	1.63	1.65	1.68	1.70	1.71	1.71	1.85
170	1.58	1.57	1.58	1.58	1.59	1.59	1.61	1.61	1.63	1.65	1.66	1.67	1.68	1.70	1.81	1.73	1.74	1.75	3.46
175	1.69	1.68	1.69	1.69	1.69	1.69	1.70	1.70	1.71	1.71	1.72	1.72	1.73	1.74	1.98	3.33	2.78	1.80	2.23
180	1.78	1.78	1.78	1.78	1.78	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.78	2.00	3.58	4.06	1.81	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:221.14V I:0.6923A P:148.08W PF:0.9673 Freq:50.00Hz Lamp Flux:28340x1 lm																		
NAME: Skylite									TYPE: LED					WEIGHT: 3				
SPEC.: AL6740124 150w 4000K No 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	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663
5	657	655	652	650	647	644	642	640	637	636	634	632	631	630	630	630	630	630	631
10	655	650	644	638	633	627	622	617	612	607	603	599	596	593	592	591	591	592	594
15	656	648	640	631	622	613	603	593	584	575	567	560	554	549	547	544	545	545	549
20	664	654	642	629	614	600	584	569	555	540	527	515	505	495	490	486	486	487	494
25	678	666	649	631	611	590	568	545	522	498	477	456	441	427	419	412	412	414	422
30	701	685	664	640	612	583	549	515	480	446	418	392	373	357	348	341	341	342	351
35	729	711	685	655	617	574	527	479	433	391	358	331	314	304	298	293	294	294	300
40	760	741	711	674	624	566	502	437	382	337	310	294	285	278	275	272	273	273	277
45	792	771	739	694	632	555	470	392	336	307	291	279	272	266	265	263	264	264	266
50	826	807	770	716	639	539	428	344	310	290	277	268	263	261	261	260	261	260	261
55	873	853	806	736	635	497	359	305	282	264	255	249	249	249	252	252	253	251	250
60	950	916	845	742	590	404	287	251	231	219	217	216	215	208	205	199	200	197	201
65	1071	993	864	700	467	227	177	151	145	142	143	133	129	123	122	117	117	114	117
70	1152	1014	808	483	158	70.5	67.7	59.5	63.1	56.4	50.5	50.1	53.5	55.5	59.0	58.5	58.7	56.2	54.7
75	867	637	405	111	32.9	30.3	28.1	26.4	25.7	24.0	23.0	21.8	22.6	24.2	26.4	26.2	26.7	25.6	24.7
80	202	70.3	28.0	19.2	17.1	15.9	13.6	13.5	14.2	13.4	13.4	13.5	13.9	13.3	13.0	12.4	12.5	12.3	12.6
85	12.4	9.38	8.36	6.24	5.36	4.94	4.34	4.30	4.75	4.79	5.25	4.98	4.61	4.00	3.84	3.47	3.64	3.15	3.32
90	0.73	0.66	0.57	0.47	0.37	0.26	0.18	0.12	0.10	0.09	0.08	0.08	0.07	0.07	0.07	0.07	0.07	0.07	0.07
95	0.97	0.96	0.87	0.78	0.62	0.49	0.33	0.21	0.14	0.10	0.10	0.09	0.09	0.08	0.09	0.08	0.09	0.08	0.09
100	1.54	1.50	1.38	1.26	1.06	0.88	0.66	0.49	0.33	0.25	0.20	0.18	0.17	0.16	0.15	0.15	0.15	0.15	0.16
105	2.00	1.95	1.81	1.67	1.47	1.27	1.05	0.86	0.67	0.55	0.45	0.41	0.36	0.35	0.33	0.33	0.32	0.34	0.34
110	2.28	2.21	2.08	1.93	1.76	1.59	1.40	1.23	1.05	0.92	0.80	0.74	0.68	0.67	0.63	0.64	0.62	0.64	0.64
115	2.40	2.33	2.23	2.11	1.98	1.84	1.69	1.54	1.39	1.27	1.17	1.11	1.05	1.03	1.00	1.00	0.99	1.01	1.00
120	2.37	2.33	2.24	2.15	2.03	1.94	1.86	1.76	1.66	1.58	1.50	1.46	1.41	1.40	1.37	1.38	1.36	1.38	1.37
125	2.21	2.18	2.13	2.07	2.00	1.94	1.88	1.84	1.82	1.78	1.76	1.74	1.73	1.71	1.70	1.71	1.70	1.71	1.70
130	2.02	2.01	1.98	1.97	1.93	1.90	1.87	1.85	1.85	1.84	1.86	1.86	1.88	1.88	1.90	1.90	1.92	1.91	1.91
135	1.88	1.89	1.88	1.88	1.86	1.85	1.84	1.84	1.84	1.85	1.86	1.89	1.90	1.92	1.94	1.95	1.96	1.96	1.95
140	1.79	1.80	1.79	1.81	1.80	1.81	1.80	1.81	1.81	1.83	1.83	1.86	1.87	1.90	1.91	1.94	1.93	1.94	1.92
145	1.73	1.74	1.74	1.75	1.75	1.77	1.76	1.78	1.78	1.80	1.80	1.83	1.84	1.86	1.87	1.88	1.88	1.88	1.86
150	1.70	1.71	1.70	1.72	1.72	1.74	1.74	1.75	1.76	1.78	1.79	1.81	1.81	1.83	1.83	1.84	1.83	1.84	1.82
155	1.69	1.70	1.70	1.71	1.72	1.72	1.73	1.74	1.75	1.77	1.78	1.80	1.80	1.82	1.81	1.82	1.81	1.82	1.80
160	1.69	1.70	1.70	1.71	1.72	1.72	1.73	1.74	1.76	1.77	1.78	1.79	1.80	1.81	1.81	1.81	1.81	1.81	1.80
165	1.71	1.71	1.72	1.72	1.74	1.73	1.75	1.75	1.77	1.77	1.79	1.79	1.80	1.81	1.81	1.81	1.81	1.81	1.81
170	1.74	1.73	1.75	1.75	1.76	1.75	1.77	1.77	1.78	1.78	1.79	1.79	1.80	1.81	1.81	1.81	1.81	1.81	1.81
175	1.77	1.76	1.77	1.77	1.77	1.77	1.78	1.78	1.78	1.79	1.79	1.79	1.80	1.81	1.81	1.81	1.81	1.81	1.80
180	1.79	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.77	1.78	1.78	1.78	1.78	1.78	1.78	1.78	1.78

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:221.14V I:0.6923A P:148.08W PF:0.9673 Freq:50.00Hz Lamp Flux:28340x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 3		
SPEC.: AL6740124 150w 4000K No 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	663	663	663	663	663	663	663	663	663	663	663	663	663	663	663				
5	632	633	634	636	638	640	643	645	648	651	653	656	659	661	664				
10	596	599	603	608	612	618	623	629	634	640	646	652	657	662	667				
15	553	560	566	575	583	593	603	613	624	634	645	653	662	670	677				
20	500	511	522	537	551	567	583	600	617	632	648	661	674	684	688				
25	431	448	465	488	511	537	562	588	612	635	657	676	694	707	717				
30	361	379	400	429	460	498	536	574	611	644	674	699	721	738	725				
35	307	319	338	368	405	451	502	557	610	656	697	728	754	772	748				
40	281	289	300	318	347	397	460	533	605	669	721	759	789	809	785				
45	269	276	284	297	314	345	408	500	597	679	745	791	825	828	819				
50	261	265	270	280	292	312	348	448	576	686	768	827	868	868	856				
55	248	247	247	252	259	276	298	355	517	671	786	868	925	906	902				
60	203	209	207	207	205	214	229	263	390	606	777	902	995	995	990				
65	115	117	119	125	122	122	123	138	175	420	693	893	1025	1042	1169				
70	48.7	45.7	42.7	43.7	47.6	50.9	49.0	53.5	56.5	107	350	696	893	997	1128				
75	22.4	21.4	20.6	21.4	22.2	23.5	23.4	26.2	28.0	32.0	48.6	179	287	447	594				
80	12.7	13.1	12.3	12.0	11.9	12.4	11.4	11.2	12.1	14.1	17.6	22.6	29.5	67.0	105				
85	3.22	3.48	3.36	3.38	2.86	2.82	2.38	2.38	2.51	2.77	2.99	3.33	4.18	6.03	5.99				
90	0.08	0.07	0.08	0.08	0.08	0.09	0.12	0.18	0.28	0.37	0.49	0.57	0.81	1.10	1.35				
95	0.08	0.09	0.09	0.11	0.12	0.17	0.27	0.40	0.56	0.71	0.89	1.03	1.34	1.69	1.90				
100	0.17	0.18	0.20	0.23	0.29	0.39	0.55	0.71	0.91	1.10	1.31	1.48	1.86	2.21	2.45				
105	0.37	0.39	0.44	0.49	0.60	0.71	0.88	1.04	1.24	1.42	1.63	1.82	2.23	2.61	2.86				
110	0.68	0.71	0.77	0.83	0.95	1.06	1.21	1.36	1.54	1.71	1.90	2.07	2.45	2.85	3.08				
115	1.04	1.06	1.13	1.18	1.27	1.37	1.51	1.65	1.81	1.98	2.12	2.25	2.56	2.95	3.19				
120	1.40	1.42	1.47	1.51	1.58	1.66	1.76	1.88	1.99	2.09	2.17	2.25	2.54	2.93	3.19				
125	1.71	1.73	1.76	1.78	1.82	1.87	1.92	1.97	2.02	2.06	2.09	2.11	2.38	2.82	3.12				
130	1.90	1.91	1.91	1.93	1.93	1.94	1.95	1.95	1.96	1.96	1.96	1.96	2.22	2.73	3.08				
135	1.95	1.94	1.94	1.93	1.93	1.92	1.92	1.90	1.89	1.87	1.88	1.86	2.11	2.72	3.10				
140	1.92	1.90	1.90	1.88	1.88	1.86	1.86	1.84	1.84	1.82	1.82	1.81	2.05	2.73	3.18				
145	1.85	1.83	1.83	1.82	1.83	1.82	1.81	1.79	1.80	1.78	1.78	1.78	2.03	2.78	3.29				
150	1.82	1.80	1.80	1.78	1.78	1.78	1.78	1.77	1.78	1.76	1.76	1.76	2.02	2.86	3.44				
155	1.80	1.79	1.78	1.78	1.77	1.77	1.76	1.75	1.76	1.75	1.75	1.75	2.02	2.96	3.64				
160	1.80	1.79	1.78	1.78	1.77	1.76	1.76	1.75	1.75	1.75	1.75	1.75	2.02	3.04	3.85				
165	1.80	1.80	1.78	1.78	1.77	1.77	1.76	1.76	1.75	1.75	1.75	1.75	2.02	3.09	4.07				
170	1.80	1.80	1.79	1.80	1.78	1.78	1.76	1.77	1.75	1.76	1.75	1.76	2.04	3.18	4.19				
175	1.80	1.80	1.79	1.80	1.78	1.78	1.77	1.77	1.76	1.77	1.76	1.78	2.08	3.28	4.20				
180	1.78	1.78	1.78	1.78	1.78	1.78	1.77	1.77	1.77	1.77	1.77	1.78	2.09	3.28	4.09				

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: