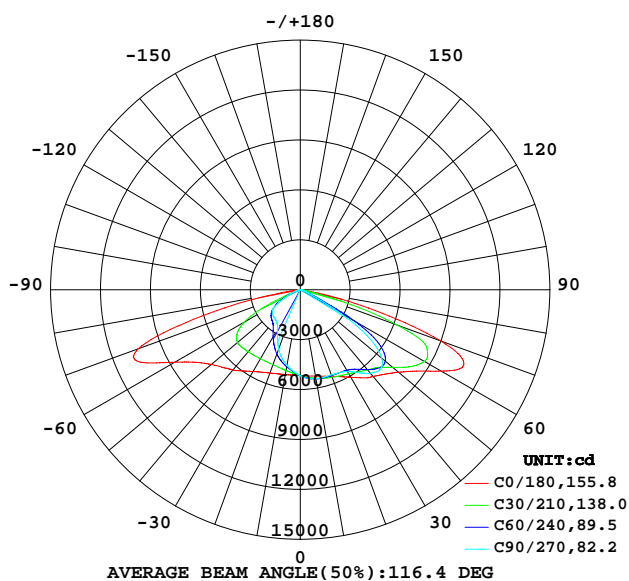
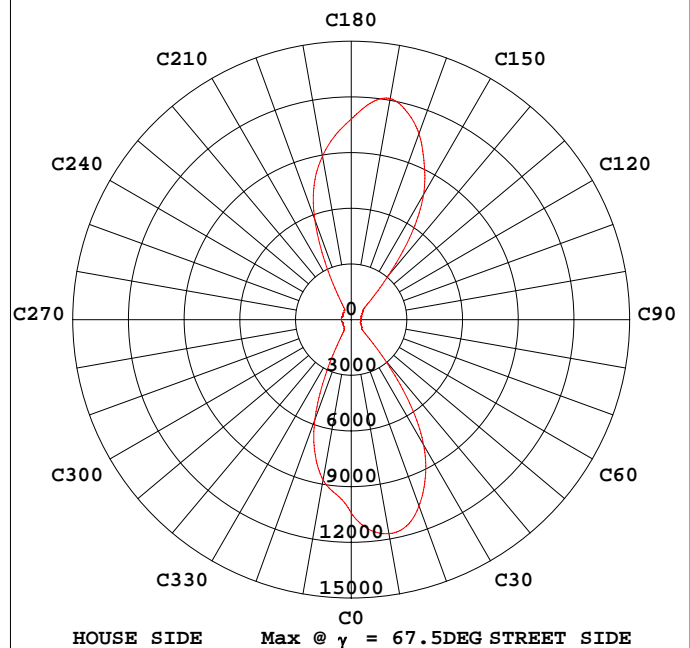


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.62V I:0.5402A P:116.57W PF:0.9780 Freq:50.00Hz Lamp Flux:29815x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114 120w 4000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 189.70 lm/W			
MODEL	120W4000K	I _{max} (cd)	12098	η street_up(%)	0.1
NOMINAL POWER(W)	120	LOR(%)	74.2	η street_down(%)	45.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	22112	η house_up(%)	0.1
NOMINAL FLUX(lm)	22113	MAXIMUM @(C,γ)	170,67.5	η house_down(%)	28.7
LAMPS INSIDE	1	η up(%)	0.2	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	74.0	SLI	20.887

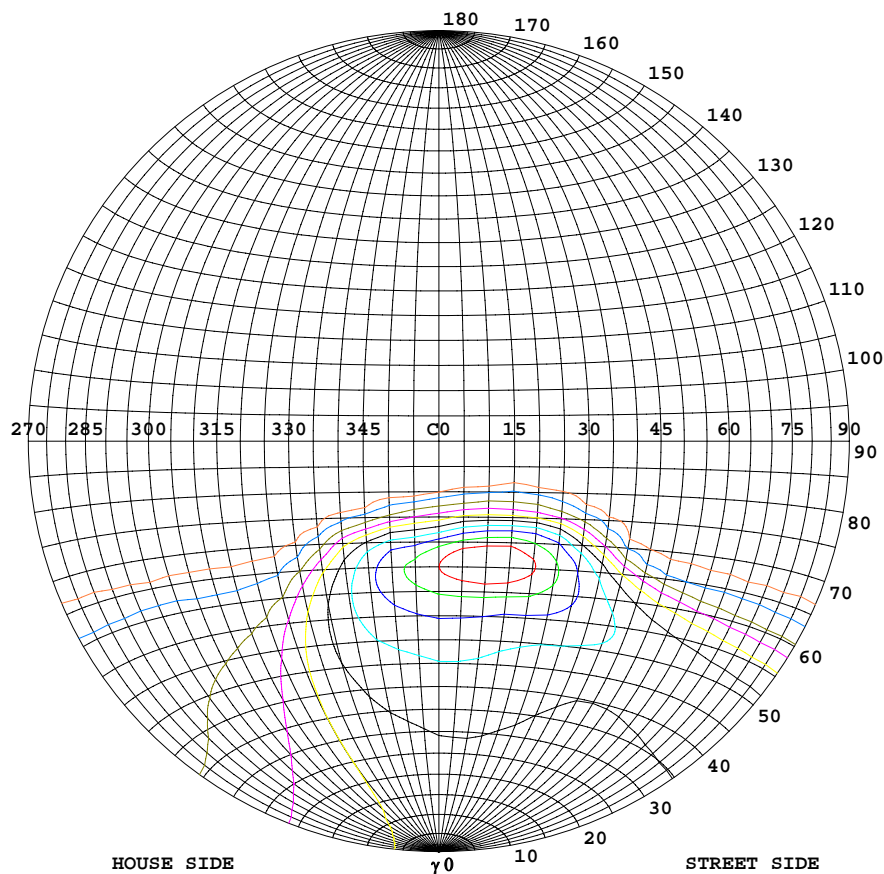
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-21

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:220.62V I:0.5402A P:116.57W PF:0.9780 Freq:50.00Hz Lamp Flux:29815x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114 120w 4000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



Classification:

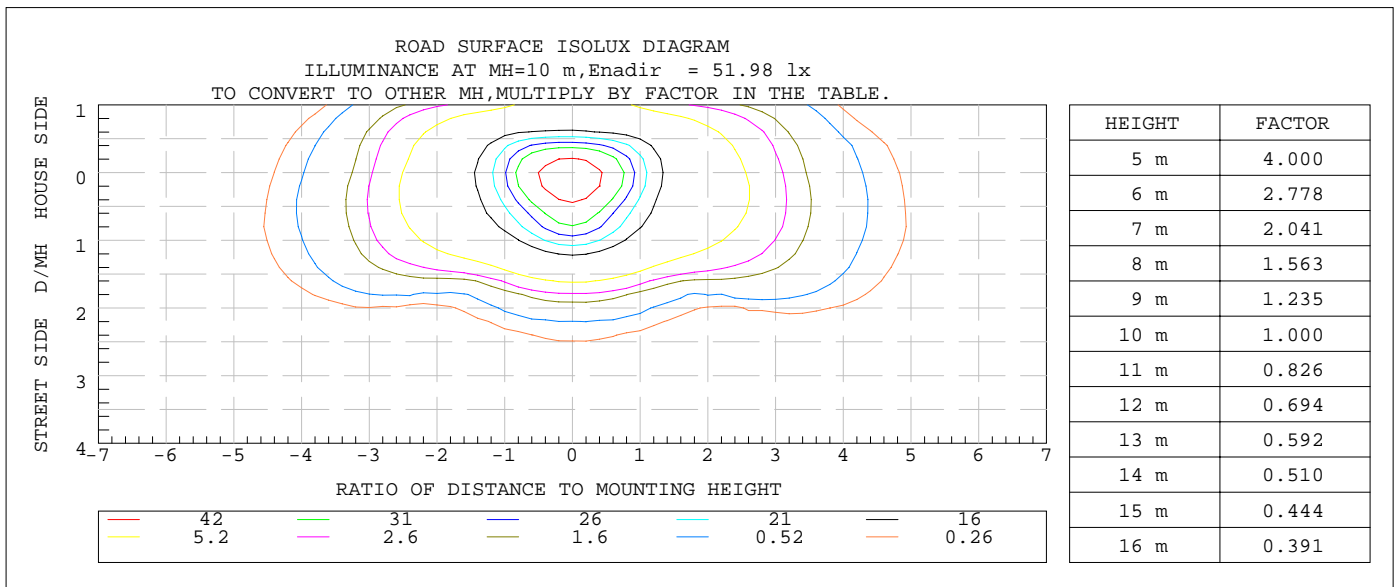
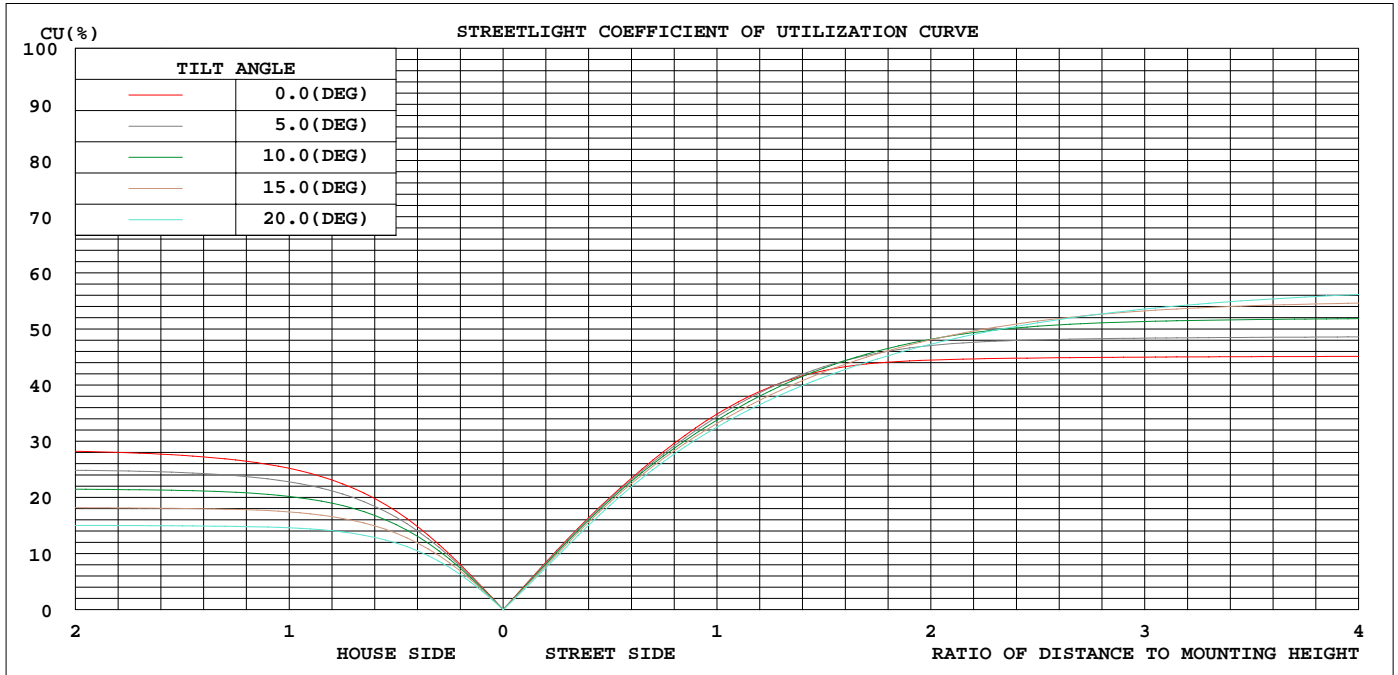
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:80.03cd/klm
Max.At90:0.3754cd/klm
Max.80-90:80.03cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	12098
90%	10888
80%	9678
70%	8468
60%	7259
50%	6049
40%	4839
30%	3629
20%	2420
10%	1210
5%	605

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-21

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: 2023-11-21

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:220.62V I:0.5402A P:116.57W PF:0.9780 Freq:50.00Hz Lamp Flux:29815x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114 120w 4000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

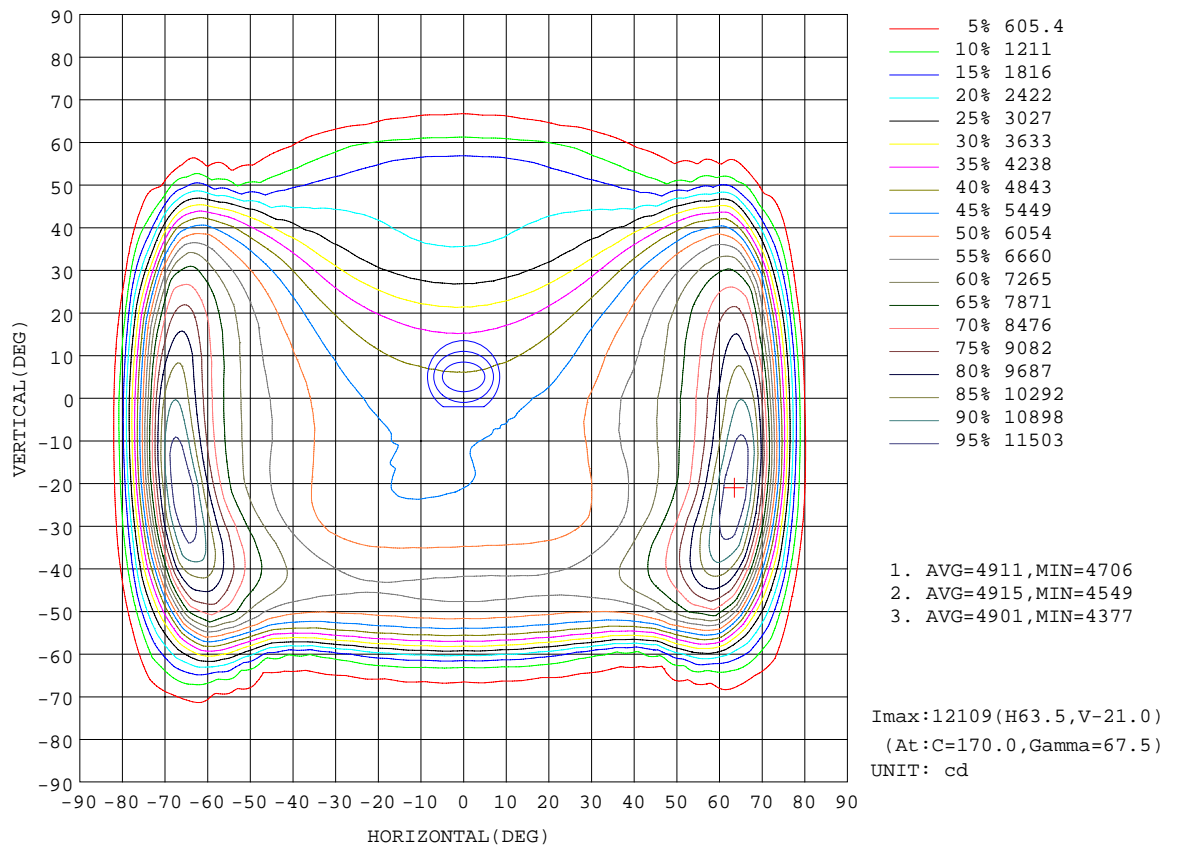
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	527.2	542.9	543.4	538.2	517.8	481.1	462.1	487.8	0- 10	491.2	491.2	2.22,1.65
20	554.0	553.4	545.1	544.5	533.2	445.5	379.3	459.6	10- 20	1438	1929	8.72,6.47
30	607.8	563.8	568.2	551.1	567.9	401.0	272.9	422.6	20- 30	2298	4227	19.1,14.2
40	680.4	605.3	654.6	585.9	630.1	342.5	233.3	365.9	30- 40	3163	7389	33.4,24.8
50	771.6	698.4	638.0	678.2	698.9	273.9	219.4	279.1	40- 50	4128	11517	52.1,38.6
60	978.7	590.1	258.4	596.6	871.6	168.6	138.5	160.5	50- 60	4719	16236	73.4,54.5
70	893.6	61.61	40.31	70.63	1034	37.47	40.39	38.93	60- 70	4013	20249	91.6,67.9
80	57.25	18.21	13.07	21.27	160.9	12.55	12.69	12.27	70- 80	1691	21940	99.2,73.6
90	0.2819	0.0765	0.0556	0.0766	0.3146	0.0829	0.0525	0.0904	80- 90	113.7	22054	99.7,74
100	1.042	0.0983	0.0818	0.1081	1.061	0.3356	0.1084	0.3563	90-100	2.864	22057	99.7,74
110	1.652	0.2650	0.1994	0.2860	1.780	0.9307	0.4288	0.8943	100-110	6.500	22063	99.8,74
120	1.819	0.5368	0.3836	0.5939	1.944	1.382	1.000	1.350	110-120	9.803	22073	99.8,74
130	1.605	0.7737	0.5393	0.8328	1.693	1.483	1.481	1.558	120-130	10.83	22084	99.9,74.1
140	1.389	0.9306	0.6517	0.9451	1.449	1.445	1.527	1.482	130-140	9.636	22093	99.9,74.1
150	1.307	1.046	0.8184	1.038	1.337	1.393	1.442	1.405	140-150	7.736	22101	100,74.1
160	1.299	1.148	1.021	1.145	1.329	1.376	1.414	1.374	150-160	5.785	22107	100,74.1
170	1.346	1.276	1.230	1.277	1.369	1.383	1.412	1.374	160-170	3.696	22111	100,74.2
180	1.415	1.385	1.392	1.378	1.417	1.389	1.398	1.385	170-180	1.309	22112	100,74.2
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-21

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

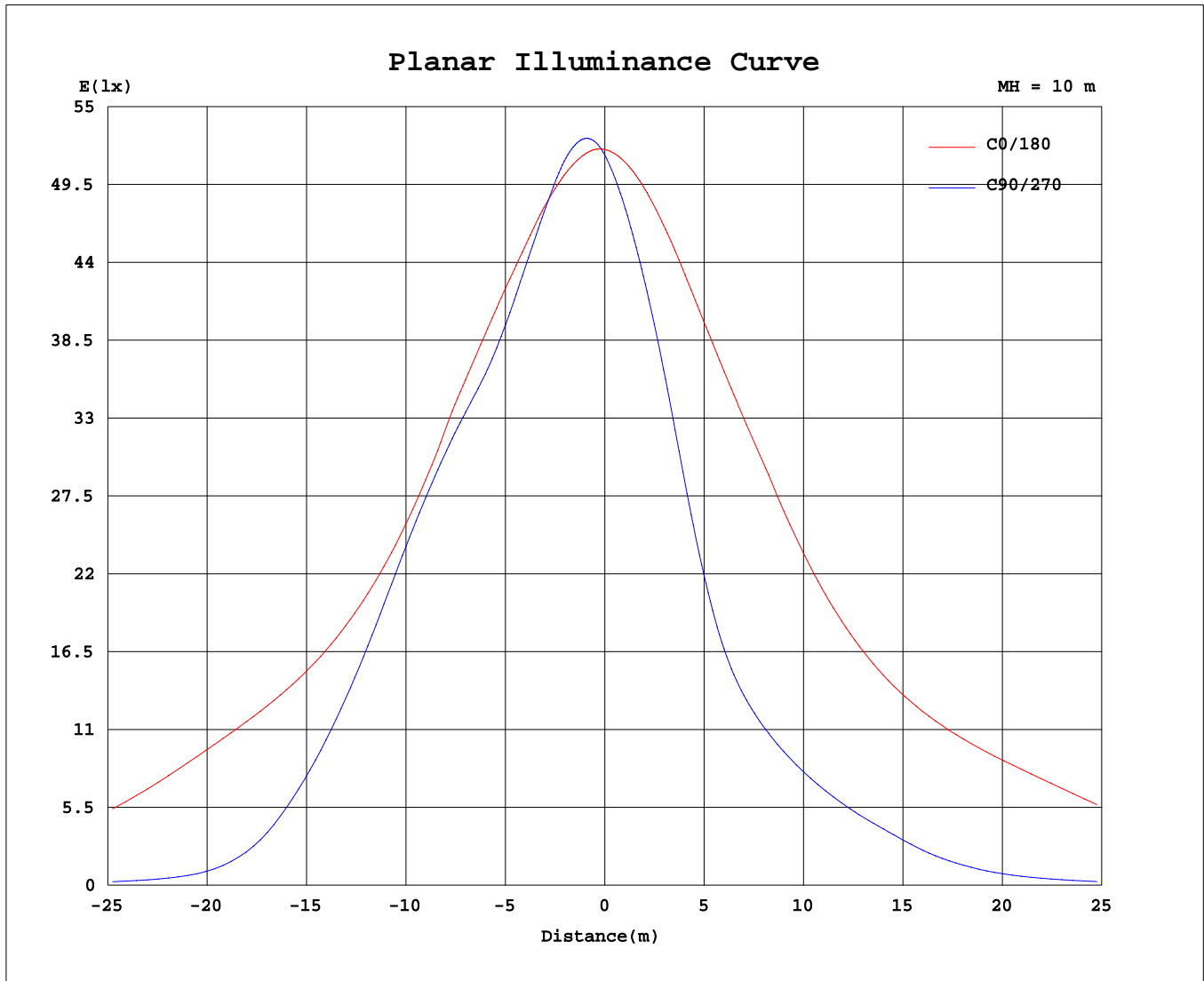
Test:U:220.62V I:0.5402A P:116.57W PF:0.9780 Freq:50.00Hz Lamp Flux:29815x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114 120w 4000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-21

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



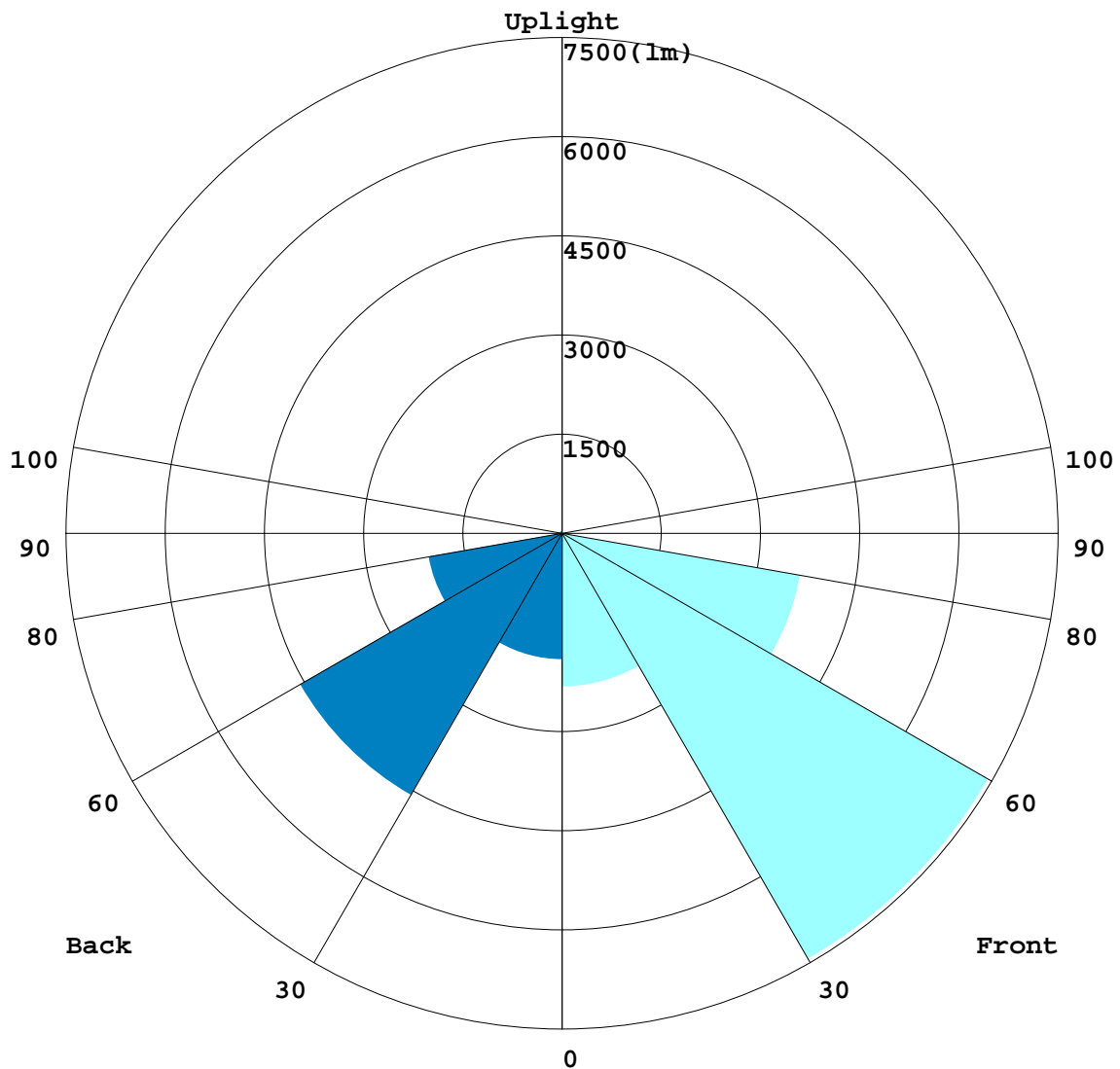
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-21

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:

LCS REPORT

Test:U:220.62V I:0.5402A P:116.57W PF:0.9780 Freq:50.00Hz Lamp Flux:29815x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114 120w 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: 2023-11-21

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:220.62V I:0.5402A P:116.57W PF:0.9780 Freq:50.00Hz Lamp Flux:29815x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114 120w 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)	2318.4	10.5
FM - Front-Medium(30-60)	7435.5	33.6
FH - Front-High(60-80)	3655.8	16.5
FVH - Front-Very High(80-90)	76.908	0.3
Total Forward Light	13509	61.1

BL - Back-Low(0-30)	1908.2	8.6
BM - Back-Medium(30-60)	4573.9	20.7
BH - Back-High(60-80)	2048.3	9.3
BVH - Back-Very High(80-90)	36.748	0.2
Total Back Light	8602.4	38.9

UL - Uplight-Low(90-100)	2.8643	0.0
UH - Uplight-High(100-180)	55.299	0.3
Total Up Light	58.163	0.3

BUG(Back,Up,Glare) Rating	B3-U3-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	8567.1	35.348	8602.4
Street Side	13487	22.816	13509

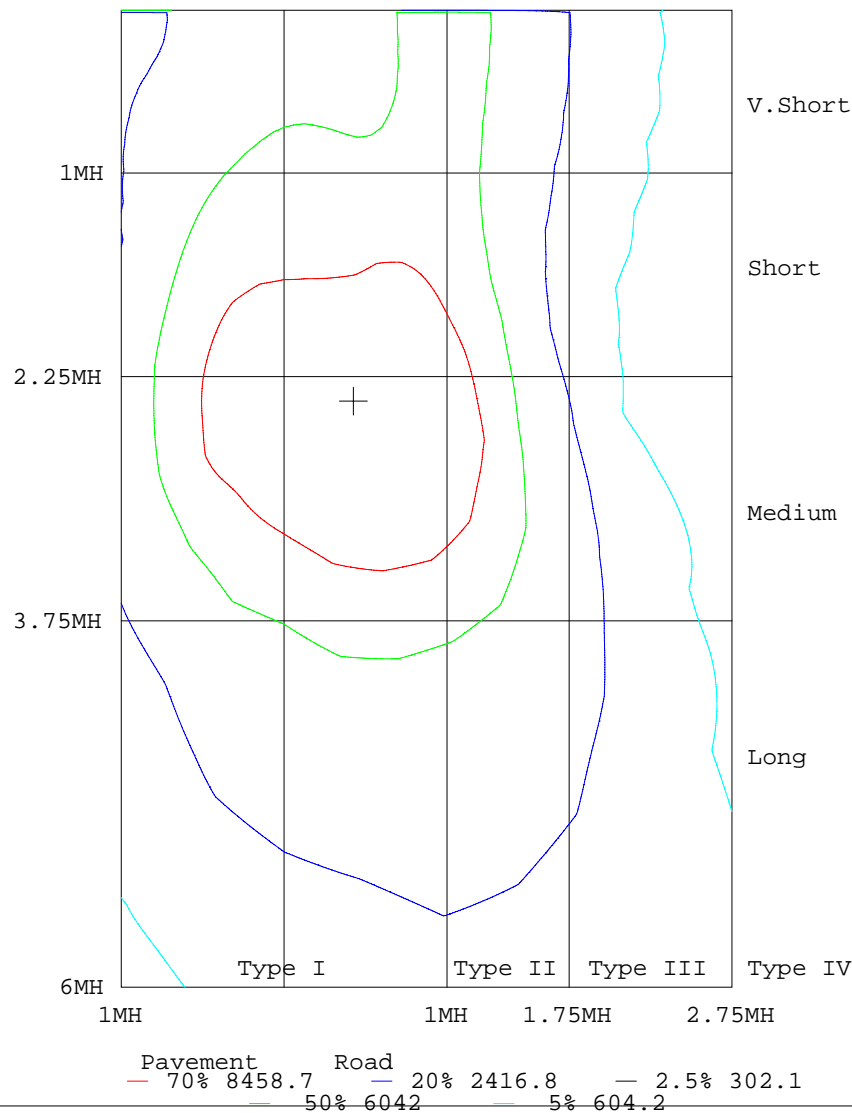
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-21

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:220.62V I:0.5402A P:116.57W PF:0.9780 Freq:50.00Hz Lamp Flux:29815x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114 120w 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: 2023-11-21

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:220.62V I:0.5402A P:116.57W PF:0.9780 Freq:50.00Hz Lamp Flux:29815x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114 120w 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	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517
5	520	522	524	525	527	528	529	530	531	532	533	534	534	535	535	535	535	535	535
10	527	530	533	535	537	539	540	541	542	543	543	544	544	544	544	544	544	544	543
15	538	542	545	547	549	550	550	550	550	550	549	549	548	548	547	546	545	546	545
20	554	558	561	562	562	561	560	558	555	553	551	550	548	548	547	547	546	546	545
25	577	580	582	581	579	574	570	565	561	558	555	553	551	551	551	551	551	551	550
30	608	610	610	605	599	592	583	576	569	564	560	559	559	561	563	565	567	568	568
35	646	648	646	637	627	615	603	592	582	576	575	578	583	590	597	602	607	608	609
40	680	682	678	669	658	644	630	615	607	605	611	618	627	635	642	648	653	654	655
45	718	719	712	700	690	673	661	653	652	654	658	661	666	669	672	675	677	678	678
50	772	770	762	745	736	725	726	717	712	698	690	678	667	659	650	646	640	641	638
55	853	852	844	828	831	823	806	772	740	694	655	620	588	567	543	531	515	514	508
60	979	1000	1011	1000	985	929	861	776	682	590	506	441	379	342	303	289	268	267	258
65	1081	1158	1203	1168	1100	984	841	683	475	298	168	121	106	104	93.9	88.5	80.6	81.1	79.3
70	894	994	1034	1044	966	857	615	366	115	61.6	49.2	44.9	41.4	39.1	37.7	38.3	39.1	40.4	40.3
75	424	510	534	528	489	374	207	78.2	43.3	35.9	29.9	26.9	24.6	23.2	22.3	23.0	23.4	24.4	24.2
80	57.3	100	112	127	98.1	68.5	37.1	29.9	23.3	18.2	15.1	14.3	13.7	13.7	13.1	13.6	13.3	13.5	13.1
85	5.47	7.01	11.3	15.0	13.9	13.7	10.9	8.72	6.42	5.59	5.30	5.18	4.78	4.73	4.20	4.38	3.96	3.08	2.11
90	0.28	0.23	0.20	0.15	0.15	0.09	0.08	0.07	0.07	0.08	0.07	0.06	0.07	0.08	0.06	0.06	0.06	0.05	0.06
95	0.61	0.51	0.43	0.33	0.25	0.17	0.11	0.09	0.07	0.07	0.07	0.07	0.06	0.07	0.06	0.06	0.06	0.06	0.06
100	1.04	0.90	0.77	0.60	0.47	0.33	0.23	0.15	0.11	0.10	0.09	0.09	0.08	0.09	0.08	0.09	0.08	0.09	0.08
105	1.41	1.27	1.10	0.90	0.72	0.54	0.40	0.28	0.20	0.16	0.14	0.14	0.13	0.14	0.13	0.14	0.13	0.13	0.13
110	1.65	1.52	1.34	1.13	0.94	0.75	0.59	0.44	0.33	0.26	0.23	0.22	0.21	0.21	0.20	0.21	0.20	0.20	0.20
115	1.79	1.68	1.52	1.32	1.13	0.94	0.77	0.62	0.49	0.40	0.34	0.31	0.30	0.30	0.29	0.29	0.29	0.29	0.29
120	1.82	1.73	1.62	1.46	1.29	1.11	0.94	0.78	0.64	0.54	0.46	0.42	0.40	0.39	0.38	0.39	0.38	0.38	0.38
125	1.74	1.68	1.60	1.48	1.35	1.21	1.05	0.90	0.77	0.67	0.59	0.53	0.50	0.49	0.47	0.48	0.47	0.47	0.47
130	1.61	1.56	1.51	1.42	1.34	1.22	1.11	0.99	0.87	0.77	0.69	0.64	0.59	0.57	0.55	0.55	0.54	0.54	0.54
135	1.48	1.45	1.42	1.35	1.30	1.22	1.13	1.04	0.95	0.86	0.78	0.72	0.67	0.65	0.62	0.61	0.59	0.60	0.59
140	1.39	1.36	1.35	1.31	1.28	1.21	1.14	1.08	1.00	0.93	0.86	0.81	0.75	0.72	0.68	0.67	0.65	0.66	0.65
145	1.33	1.32	1.31	1.28	1.27	1.22	1.16	1.11	1.05	0.99	0.93	0.88	0.83	0.80	0.76	0.75	0.73	0.73	0.73
150	1.31	1.30	1.30	1.28	1.26	1.23	1.18	1.14	1.09	1.05	0.99	0.96	0.91	0.88	0.85	0.84	0.82	0.82	0.82
155	1.30	1.30	1.30	1.29	1.27	1.24	1.20	1.18	1.13	1.10	1.05	1.03	0.99	0.97	0.95	0.94	0.92	0.93	0.92
160	1.30	1.31	1.30	1.31	1.28	1.26	1.23	1.21	1.17	1.15	1.12	1.10	1.08	1.07	1.04	1.04	1.02	1.03	1.02
165	1.31	1.33	1.33	1.32	1.30	1.29	1.26	1.24	1.22	1.21	1.19	1.18	1.16	1.16	1.14	1.14	1.13	1.13	1.12
170	1.35	1.37	1.35	1.35	1.33	1.32	1.30	1.29	1.28	1.28	1.26	1.26	1.25	1.25	1.24	1.25	1.23	1.24	1.23
175	1.39	1.40	1.38	1.38	1.36	1.35	1.34	1.34	1.33	1.34	1.33	1.34	1.33	1.34	1.32	1.33	1.32	1.33	1.32
180	1.41	1.41	1.39	1.39	1.39	1.38	1.38	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-21

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:220.62V I:0.5402A P:116.57W PF:0.9780 Freq:50.00Hz Lamp Flux:29815x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114 120w 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	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517
5	535	534	534	533	533	532	531	530	530	528	527	526	524	523	521	520	518	516	514
10	544	543	543	542	542	541	540	539	538	537	536	534	532	530	527	525	522	518	514
15	545	544	545	544	544	544	544	543	543	542	542	541	539	538	535	533	529	523	519
20	545	544	545	544	544	543	544	544	545	545	546	547	547	547	545	543	539	533	527
25	550	549	548	547	546	545	545	545	546	548	550	553	556	557	558	557	554	547	540
30	567	565	562	559	555	552	550	550	551	553	557	562	567	572	575	577	575	568	561
35	607	604	598	591	582	574	567	562	561	563	568	575	583	592	598	603	603	596	589
40	653	650	644	637	628	618	605	595	586	583	587	596	606	618	627	635	636	630	622
45	678	676	674	670	665	659	651	643	633	625	620	624	632	642	652	662	666	660	652
50	642	643	649	653	661	667	673	676	678	680	677	675	672	676	684	697	703	699	693
55	517	521	539	551	576	597	627	653	681	714	731	752	753	746	742	755	763	761	758
60	271	275	301	319	363	402	465	524	597	669	741	807	853	881	873	878	882	872	857
65	82.6	83.4	93.3	101	114	119	141	201	336	495	669	799	933	1036	1098	1138	1097	1037	985
70	40.8	40.0	39.7	39.4	41.4	44.4	49.3	55.1	70.6	135	395	662	889	1008	1128	1154	1131	1034	925
75	24.6	24.0	23.8	23.5	24.8	26.7	29.6	33.6	41.0	49.5	99.4	279	510	673	728	735	704	615	564
80	13.7	13.7	14.1	13.7	14.4	14.7	15.6	16.9	21.3	28.2	36.1	48.8	116	190	228	239	191	161	99.8
85	3.34	4.15	4.64	4.54	5.26	5.40	5.92	6.23	6.84	8.23	11.5	14.7	18.8	22.4	23.5	21.5	11.6	9.00	8.85
90	0.07	0.06	0.06	0.07	0.07	0.07	0.07	0.08	0.08	0.09	0.09	0.10	0.11	0.13	0.16	0.27	1.12	0.31	0.34
95	0.07	0.06	0.07	0.06	0.07	0.07	0.08	0.08	0.08	0.09	0.10	0.13	0.18	0.25	0.31	0.46	1.34	0.62	0.69
100	0.09	0.08	0.09	0.08	0.09	0.09	0.10	0.09	0.11	0.12	0.18	0.27	0.37	0.51	0.62	0.80	1.47	1.06	1.16
105	0.13	0.13	0.14	0.13	0.14	0.13	0.14	0.15	0.17	0.23	0.33	0.48	0.64	0.83	0.98	1.19	1.54	1.49	1.58
110	0.21	0.20	0.21	0.20	0.21	0.21	0.22	0.23	0.29	0.39	0.52	0.71	0.90	1.10	1.28	1.50	1.84	1.78	1.85
115	0.29	0.29	0.29	0.29	0.29	0.30	0.32	0.36	0.44	0.57	0.72	0.92	1.10	1.28	1.46	1.68	2.00	1.93	1.98
120	0.39	0.38	0.39	0.38	0.39	0.40	0.43	0.49	0.59	0.73	0.89	1.05	1.21	1.35	1.50	1.75	2.02	1.94	1.99
125	0.48	0.47	0.48	0.47	0.49	0.51	0.55	0.63	0.73	0.85	0.98	1.10	1.22	1.35	1.49	1.69	2.00	1.85	1.88
130	0.55	0.54	0.55	0.55	0.58	0.60	0.66	0.74	0.83	0.92	1.02	1.11	1.22	1.34	1.46	1.59	2.12	1.69	1.71
135	0.60	0.60	0.61	0.62	0.66	0.69	0.76	0.82	0.90	0.96	1.05	1.13	1.23	1.33	1.42	1.52	1.58	1.55	1.57
140	0.66	0.67	0.68	0.70	0.73	0.77	0.83	0.88	0.95	1.00	1.07	1.14	1.23	1.32	1.38	1.51	1.63	1.45	1.47
145	0.74	0.74	0.76	0.78	0.82	0.85	0.90	0.94	0.99	1.04	1.10	1.16	1.23	1.30	1.34	1.43	1.49	1.38	1.39
150	0.83	0.84	0.85	0.87	0.90	0.92	0.96	0.99	1.04	1.08	1.13	1.18	1.24	1.29	1.32	1.37	1.51	1.34	1.36
155	0.93	0.93	0.95	0.95	0.98	0.99	1.02	1.05	1.09	1.12	1.16	1.20	1.24	1.28	1.31	1.34	1.36	1.33	1.34
160	1.03	1.03	1.04	1.04	1.06	1.07	1.10	1.11	1.15	1.17	1.20	1.23	1.26	1.28	1.31	1.34	1.35	1.33	1.33
165	1.13	1.13	1.14	1.14	1.16	1.16	1.18	1.19	1.21	1.23	1.24	1.26	1.28	1.29	1.32	1.35	1.35	1.34	1.33
170	1.24	1.23	1.24	1.24	1.25	1.25	1.26	1.26	1.28	1.28	1.30	1.30	1.32	1.32	1.34	1.39	1.83	1.37	1.35
175	1.33	1.32	1.33	1.32	1.33	1.32	1.34	1.33	1.34	1.34	1.35	1.35	1.36	1.36	1.37	1.42	1.83	1.41	1.38
180	1.40	1.40	1.40	1.39	1.39	1.38	1.39	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.38	1.43	1.81	1.42	1.41

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-21

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:220.62V I:0.5402A P:116.57W PF:0.9780 Freq:50.00Hz Lamp Flux:29815x1 lm																		
NAME: Skylite									TYPE: LED					WEIGHT: 3				
SPEC.: AL6740114 120w 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	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517
5	512	510	508	506	504	502	500	498	497	495	494	493	492	492	491	491	492	492	492
10	510	506	502	498	493	489	485	481	477	474	471	468	465	464	463	462	462	463	464
15	513	507	500	493	486	478	471	463	457	450	444	438	434	430	428	426	427	427	431
20	519	511	502	492	480	469	457	446	434	422	412	402	394	386	382	379	379	380	385
25	531	520	507	494	478	462	444	425	407	388	371	355	344	333	328	323	323	325	331
30	549	537	520	501	479	455	429	401	374	348	327	308	294	283	277	273	273	274	280
35	575	559	538	514	483	448	410	373	338	308	284	267	257	250	246	244	244	246	249
40	606	588	562	530	487	439	390	342	303	275	258	248	241	237	234	233	233	234	237
45	638	620	589	548	493	429	364	310	276	257	245	237	232	229	228	227	227	228	229
50	680	659	620	565	492	404	324	274	253	238	229	223	220	219	219	219	219	219	219
55	740	707	648	568	465	347	266	234	218	206	200	198	198	199	200	200	200	199	199
60	818	755	661	539	389	238	193	169	159	153	154	153	151	143	141	138	138	137	140
65	898	778	636	435	212	113	95.0	85.3	85.7	86.3	85.8	78.6	78.2	75.2	75.7	73.7	74.7	73.2	75.6
70	848	682	451	169	51.9	42.7	40.7	37.5	38.4	35.6	33.4	32.9	34.4	36.7	39.3	39.9	40.4	39.4	38.3
75	404	264	118	34.7	28.2	26.2	23.6	22.0	22.0	21.3	20.7	20.1	20.6	20.9	21.8	22.0	22.4	22.0	21.6
80	52.3	26.6	21.6	17.3	15.7	14.3	12.7	12.5	13.1	12.8	12.8	12.9	13.1	13.0	13.0	12.6	12.7	12.7	13.0
85	8.71	7.28	6.63	5.14	4.63	4.12	4.05	4.02	4.36	4.42	4.93	4.48	4.44	3.99	3.71	3.46	3.70	3.39	3.72
90	0.35	0.34	0.30	0.29	0.20	0.15	0.10	0.08	0.08	0.07	0.06	0.07	0.06	0.06	0.05	0.06	0.05	0.06	0.05
95	0.69	0.69	0.62	0.56	0.44	0.33	0.22	0.14	0.10	0.08	0.08	0.07	0.07	0.06	0.07	0.06	0.07	0.06	0.07
100	1.15	1.14	1.05	0.95	0.79	0.64	0.47	0.34	0.22	0.16	0.14	0.12	0.12	0.11	0.11	0.10	0.11	0.10	0.11
105	1.57	1.54	1.44	1.31	1.15	0.98	0.79	0.63	0.47	0.37	0.30	0.27	0.25	0.23	0.23	0.22	0.22	0.22	0.23
110	1.85	1.81	1.71	1.57	1.41	1.26	1.09	0.93	0.77	0.66	0.56	0.52	0.48	0.46	0.44	0.44	0.43	0.44	0.44
115	1.99	1.93	1.85	1.73	1.61	1.48	1.34	1.19	1.06	0.95	0.86	0.81	0.76	0.74	0.72	0.72	0.70	0.72	0.72
120	1.98	1.95	1.87	1.78	1.67	1.57	1.49	1.38	1.29	1.21	1.13	1.09	1.05	1.04	1.01	1.02	1.00	1.01	1.00
125	1.87	1.84	1.79	1.73	1.64	1.58	1.52	1.47	1.43	1.39	1.36	1.33	1.31	1.30	1.29	1.29	1.28	1.28	1.28
130	1.70	1.69	1.66	1.62	1.58	1.54	1.50	1.48	1.47	1.46	1.47	1.46	1.47	1.47	1.48	1.48	1.48	1.48	1.47
135	1.56	1.56	1.55	1.54	1.51	1.50	1.48	1.48	1.46	1.47	1.47	1.49	1.50	1.51	1.53	1.54	1.54	1.54	1.53
140	1.46	1.47	1.46	1.46	1.45	1.45	1.44	1.45	1.44	1.46	1.46	1.48	1.48	1.51	1.51	1.54	1.53	1.54	1.52
145	1.38	1.40	1.39	1.40	1.40	1.41	1.40	1.42	1.41	1.43	1.43	1.45	1.46	1.48	1.48	1.49	1.48	1.49	1.47
150	1.35	1.36	1.35	1.37	1.37	1.38	1.38	1.39	1.39	1.41	1.41	1.43	1.43	1.45	1.45	1.46	1.44	1.45	1.43
155	1.33	1.35	1.35	1.35	1.36	1.36	1.37	1.38	1.38	1.40	1.40	1.42	1.42	1.44	1.43	1.44	1.42	1.44	1.41
160	1.33	1.34	1.35	1.35	1.36	1.36	1.37	1.38	1.38	1.39	1.40	1.41	1.41	1.43	1.42	1.43	1.41	1.42	1.41
165	1.34	1.34	1.36	1.35	1.37	1.36	1.38	1.38	1.39	1.39	1.40	1.41	1.41	1.42	1.42	1.42	1.41	1.42	1.41
170	1.36	1.36	1.37	1.37	1.38	1.37	1.39	1.38	1.39	1.40	1.41	1.41	1.41	1.42	1.41	1.42	1.41	1.42	1.41
175	1.38	1.38	1.39	1.38	1.39	1.39	1.39	1.39	1.39	1.40	1.41	1.41	1.41	1.42	1.41	1.42	1.41	1.42	1.41
180	1.39	1.38	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.39	1.40	1.40	1.40	1.40	1.40	1.40	1.40	1.40

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-21

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:220.62V I:0.5402A P:116.57W PF:0.9780 Freq:50.00Hz Lamp Flux:29815x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 3		
SPEC.: AL6740114 120w 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	517	517	517	517	517	517	517	517	517	517	517	517	517	517	517				
5	493	494	495	497	498	500	502	504	506	508	510	512	514	517	519				
10	466	469	472	475	479	483	488	492	497	502	506	511	516	520	524				
15	434	439	444	451	458	466	474	482	490	498	506	514	521	527	533				
20	391	400	409	421	433	447	460	473	486	498	511	521	532	540	548				
25	338	351	364	382	401	422	443	464	484	502	520	535	549	560	570				
30	288	301	317	339	364	392	423	454	484	511	536	556	575	589	600				
35	254	262	275	296	323	358	397	440	483	523	558	585	608	624	638				
40	240	246	254	266	286	320	366	422	480	533	579	614	641	659	673				
45	231	235	241	251	264	285	327	394	471	543	601	645	678	697	710				
50	219	220	223	230	240	255	279	344	442	541	619	679	724	748	764				
55	196	195	194	197	202	214	230	268	376	509	621	708	773	814	840				
60	142	148	148	148	146	151	161	184	247	424	584	711	815	888	940				
65	73.3	75.5	76.0	81.7	80.3	80.0	80.5	89.7	108	238	458	657	805	922	1007				
70	35.0	33.2	33.0	34.1	37.0	39.0	38.9	43.6	47.3	71.1	188	438	618	762	799				
75	20.6	20.4	20.2	21.0	21.9	22.8	22.8	25.6	28.0	32.9	42.8	97.2	168	278	364				
80	12.8	12.9	12.7	12.6	12.8	13.1	12.3	12.3	13.3	16.0	19.4	25.7	29.1	29.8	34.0				
85	3.88	4.25	4.20	4.40	3.82	3.85	3.40	3.42	3.55	3.94	4.32	5.55	6.09	6.94	6.43				
90	0.06	0.07	0.06	0.06	0.07	0.07	0.09	0.11	0.17	0.24	0.31	0.36	0.42	0.42	0.48				
95	0.07	0.07	0.07	0.08	0.08	0.11	0.16	0.25	0.37	0.49	0.63	0.72	0.82	0.84	0.91				
100	0.11	0.12	0.13	0.15	0.18	0.25	0.36	0.49	0.65	0.81	0.98	1.12	1.25	1.30	1.38				
105	0.24	0.25	0.28	0.32	0.39	0.48	0.62	0.77	0.94	1.10	1.28	1.44	1.59	1.67	1.77				
110	0.47	0.48	0.53	0.57	0.66	0.76	0.89	1.03	1.19	1.34	1.51	1.67	1.81	1.89	1.98				
115	0.74	0.76	0.81	0.85	0.94	1.02	1.14	1.27	1.41	1.56	1.70	1.83	1.92	1.96	2.05				
120	1.03	1.04	1.08	1.11	1.18	1.25	1.35	1.47	1.59	1.71	1.79	1.86	1.91	1.92	2.01				
125	1.29	1.30	1.33	1.35	1.39	1.44	1.51	1.59	1.64	1.70	1.75	1.77	1.79	1.78	1.88				
130	1.47	1.48	1.49	1.50	1.51	1.54	1.56	1.58	1.60	1.62	1.63	1.62	1.62	1.62	1.75				
135	1.53	1.53	1.52	1.52	1.53	1.53	1.54	1.53	1.53	1.53	1.53	1.51	1.51	1.49	1.65				
140	1.52	1.50	1.51	1.50	1.50	1.48	1.48	1.47	1.47	1.46	1.46	1.44	1.43	1.41	1.60				
145	1.47	1.44	1.45	1.44	1.45	1.44	1.44	1.42	1.43	1.41	1.42	1.40	1.40	1.37	1.57				
150	1.43	1.41	1.42	1.40	1.41	1.40	1.41	1.40	1.40	1.39	1.39	1.37	1.38	1.37	1.57				
155	1.42	1.40	1.41	1.39	1.39	1.38	1.38	1.38	1.38	1.37	1.38	1.36	1.37	1.37	1.59				
160	1.41	1.40	1.40	1.39	1.39	1.38	1.37	1.37	1.37	1.37	1.37	1.36	1.36	1.37	1.63				
165	1.41	1.40	1.40	1.40	1.39	1.39	1.37	1.37	1.37	1.37	1.37	1.36	1.36	1.38	1.69				
170	1.41	1.40	1.40	1.40	1.39	1.39	1.37	1.38	1.37	1.37	1.37	1.37	1.36	1.39	1.74				
175	1.41	1.40	1.40	1.40	1.40	1.39	1.39	1.39	1.38	1.38	1.37	1.38	1.38	1.41	1.82				
180	1.40	1.39	1.40	1.39	1.39	1.39	1.39	1.39	1.38	1.38	1.38	1.38	1.39	1.41	1.87				

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:yangbin

Test Date:2023-11-21

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: