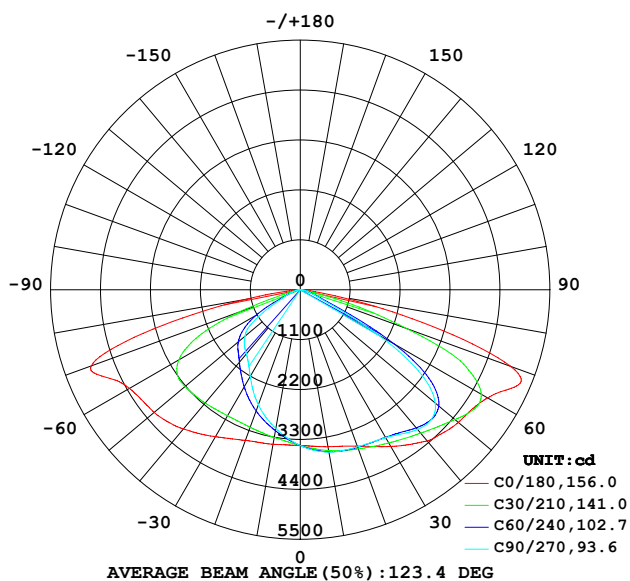
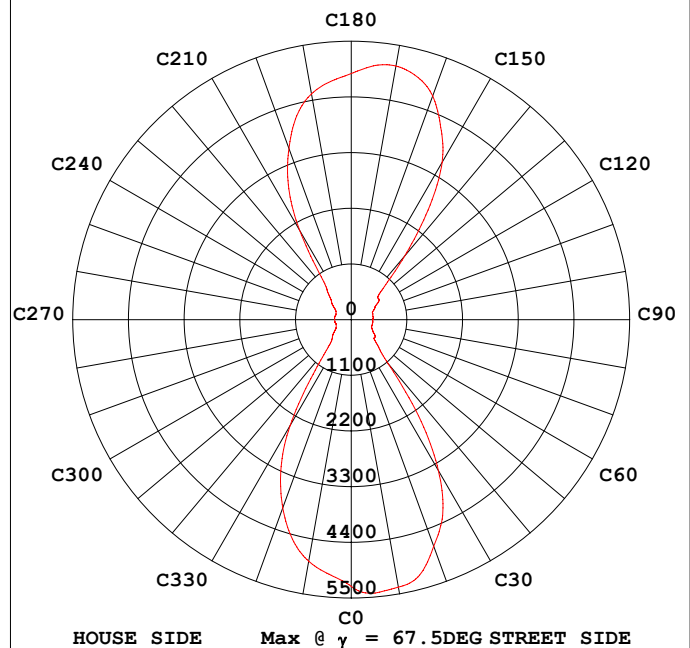


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.91V I:0.3618A P:78.249W PF:0.9790 Freq:50.00Hz Lamp Flux:13969x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740084G 80w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 178.52 lm/W			
MODEL	80W4000K	I <sub>max</sub> (cd)	5421	η street_up (%)	0.1
NOMINAL POWER (W)	80	LOR (%)	100.0	η street_down (%)	57.4
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	13969	η house_up (%)	0.2
NOMINAL FLUX (lm)	13969	MAXIMUM @ (C, γ )	5,67.5	η house_down (%)	42.3
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.00100
TEST VOLTAGE (V)	220	η down (%)	99.7	SLI	21.178

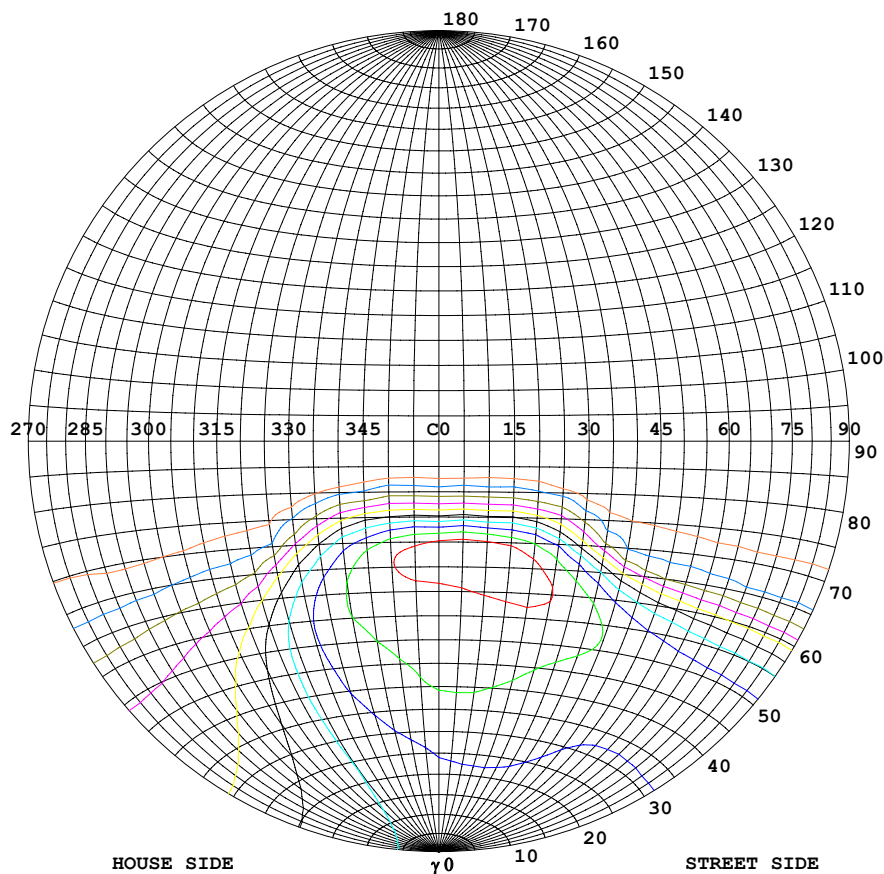
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: yangbin  
Test Date: 2023-11-23

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:220.91V I:0.3618A P:78.249W PF:0.9790 Freq:50.00Hz Lamp Flux:13969x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740084G 80w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:



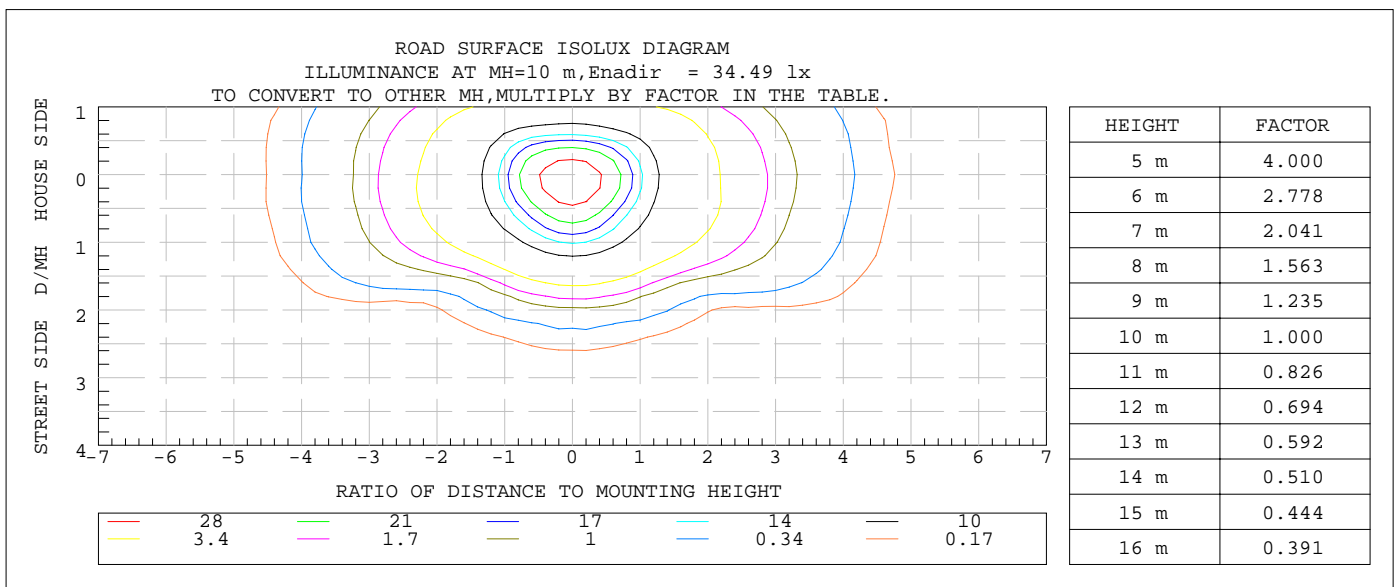
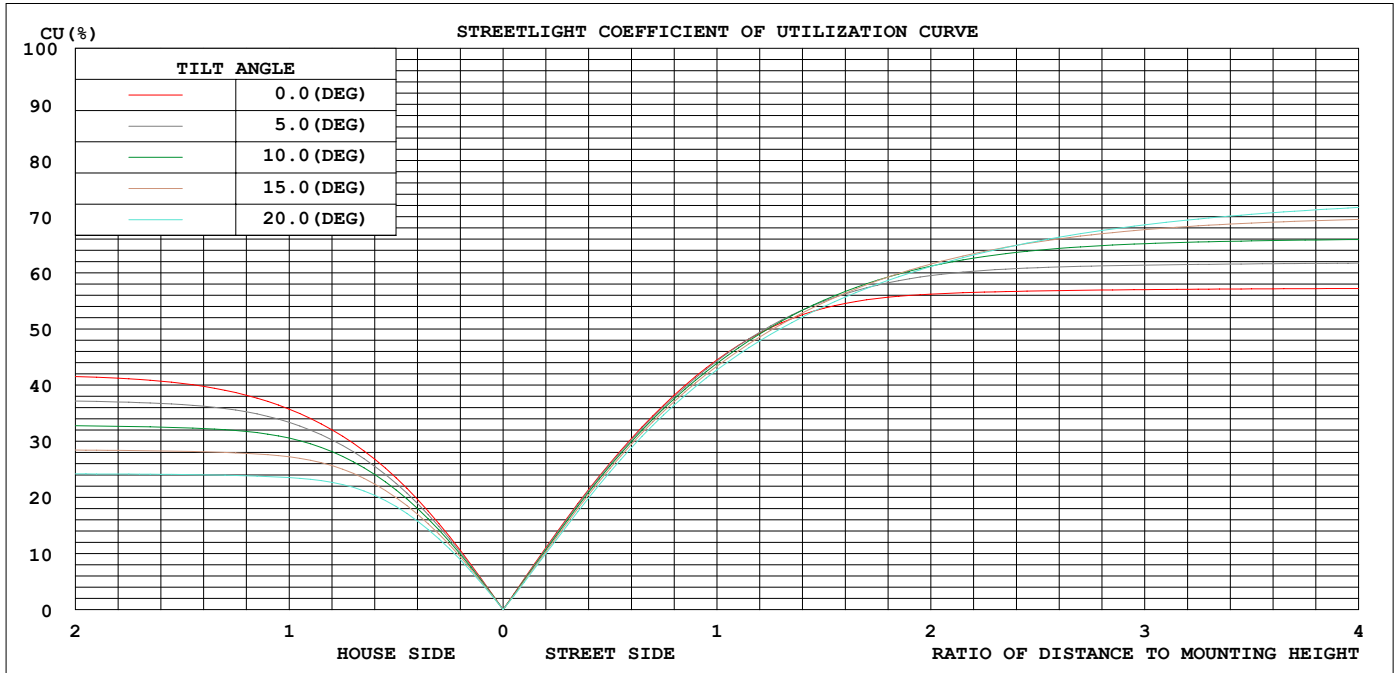
## Classification:

IES:Type II - Medium  
CIE:Narrow - Intermediate  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:86.48cd/klm  
Max.At90:0.3613cd/klm  
Max.80-90:86.48cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	5421
90%	4879
80%	4337
70%	3795
60%	3252
50%	2710
40%	2168
30%	1626
20%	1084
10%	542
5%	271

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-11-23

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: 2023-11-23

$\gamma$  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:220.91V I:0.3618A P:78.249W PF:0.9790 Freq:50.00Hz Lamp Flux:13969x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740084G 80w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

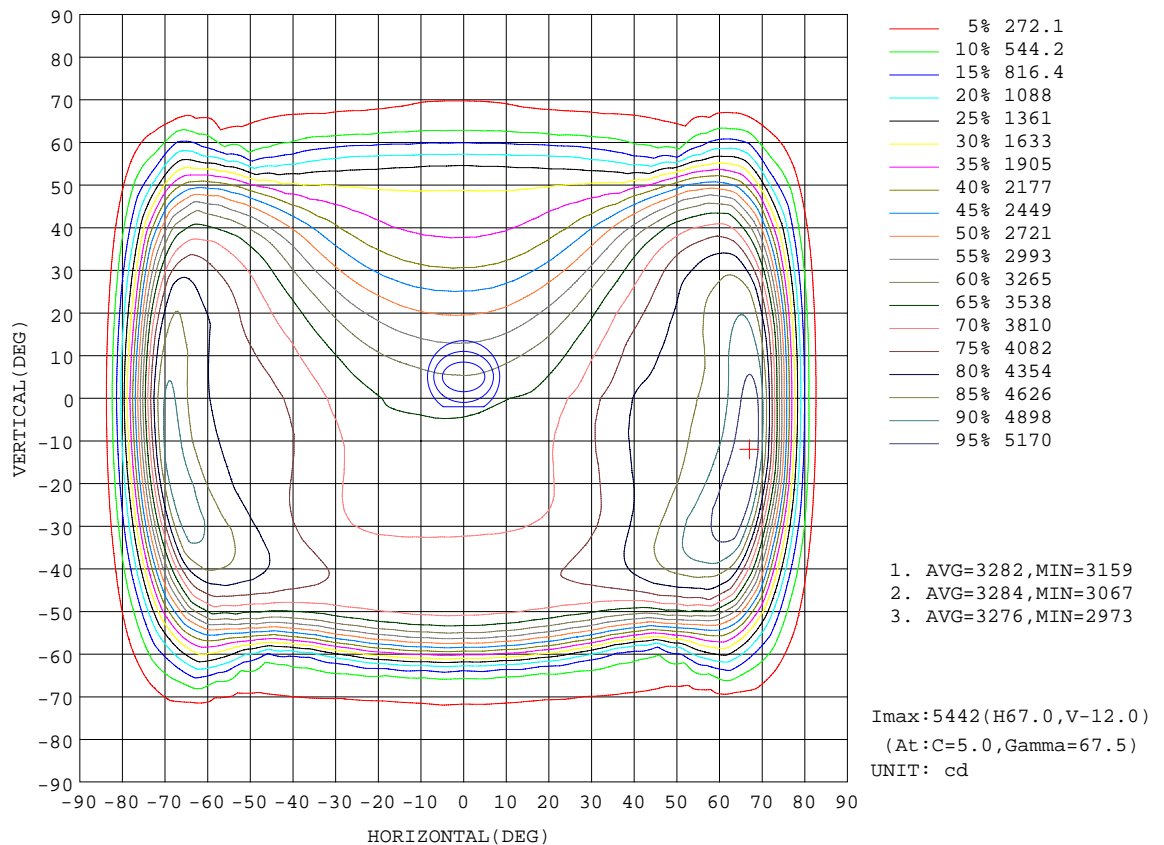
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	3512	3616	3631	3594	3458	3221	3106	3265	0- 10	327.4	327.4	2.34,2.34
20	3669	3716	3684	3673	3534	3020	2701	3117	10- 20	965.5	1293	9.25,9.26
30	3988	3794	3767	3724	3739	2823	2207	2998	20- 30	1564	2857	20.5,20.5
40	4349	3972	4019	3848	4003	2596	1849	2857	30- 40	2140	4997	35.8,35.8
50	4546	4193	3881	4105	4205	2303	1592	2579	40- 50	2686	7683	55.55
60	4767	3258	1957	3448	4348	1551	806.2	1600	50- 60	2909	10593	75.8,75.8
70	4924	450.0	327.9	518.7	4899	386.4	265.6	368.2	60- 70	2236	12828	91.8,91.8
80	782.0	121.7	94.78	134.6	1208	91.94	72.52	88.37	70- 80	1015	13843	99.1,99.1
90	1.765	0.9849	0.4854	2.507	5.047	0.6098	0.3984	0.6873	80- 90	88.93	13932	99.7,99.7
100	5.380	0.8683	0.4924	0.9985	5.989	1.700	0.8302	1.911	90-100	1.643	13934	99.7,99.7
110	8.562	2.357	1.213	2.791	9.709	5.114	2.960	5.105	100-110	3.726	13937	99.8,99.8
120	9.939	4.355	2.556	4.970	11.00	8.208	6.512	8.131	110-120	5.887	13943	99.8,99.8
130	9.648	5.912	3.982	6.211	10.32	9.431	9.449	9.760	120-130	6.837	13950	99.9,99.9
140	9.023	6.789	5.061	6.852	9.459	9.498	9.906	9.762	130-140	6.368	13957	99.9,99.9
150	8.782	7.416	6.151	7.387	9.007	9.474	9.698	9.551	140-150	5.255	13962	99.9,99.9
160	8.782	7.991	7.254	7.976	9.001	9.454	9.620	9.426	150-160	3.970	13966	100,100
170	9.147	8.703	8.417	8.691	9.325	9.454	9.592	9.425	160-170	2.519	13968	100,100
180	9.679	9.392	9.404	9.415	9.690	9.454	9.487	9.425	170-180	0.8819	13969	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-23

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

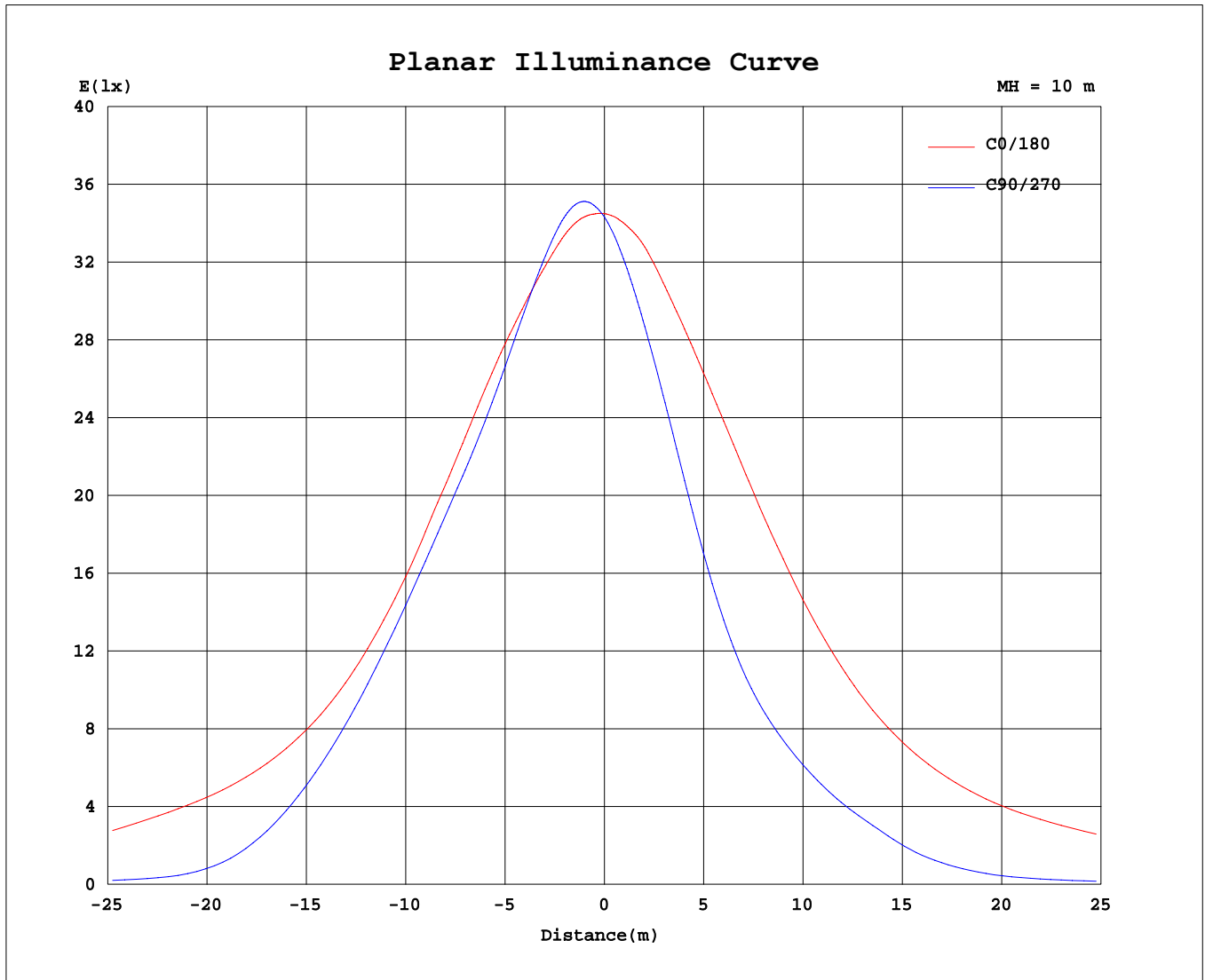
Test:U:220.91V I:0.3618A P:78.249W PF:0.9790 Freq:50.00Hz Lamp Flux:13969x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740084G 80w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-11-23

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

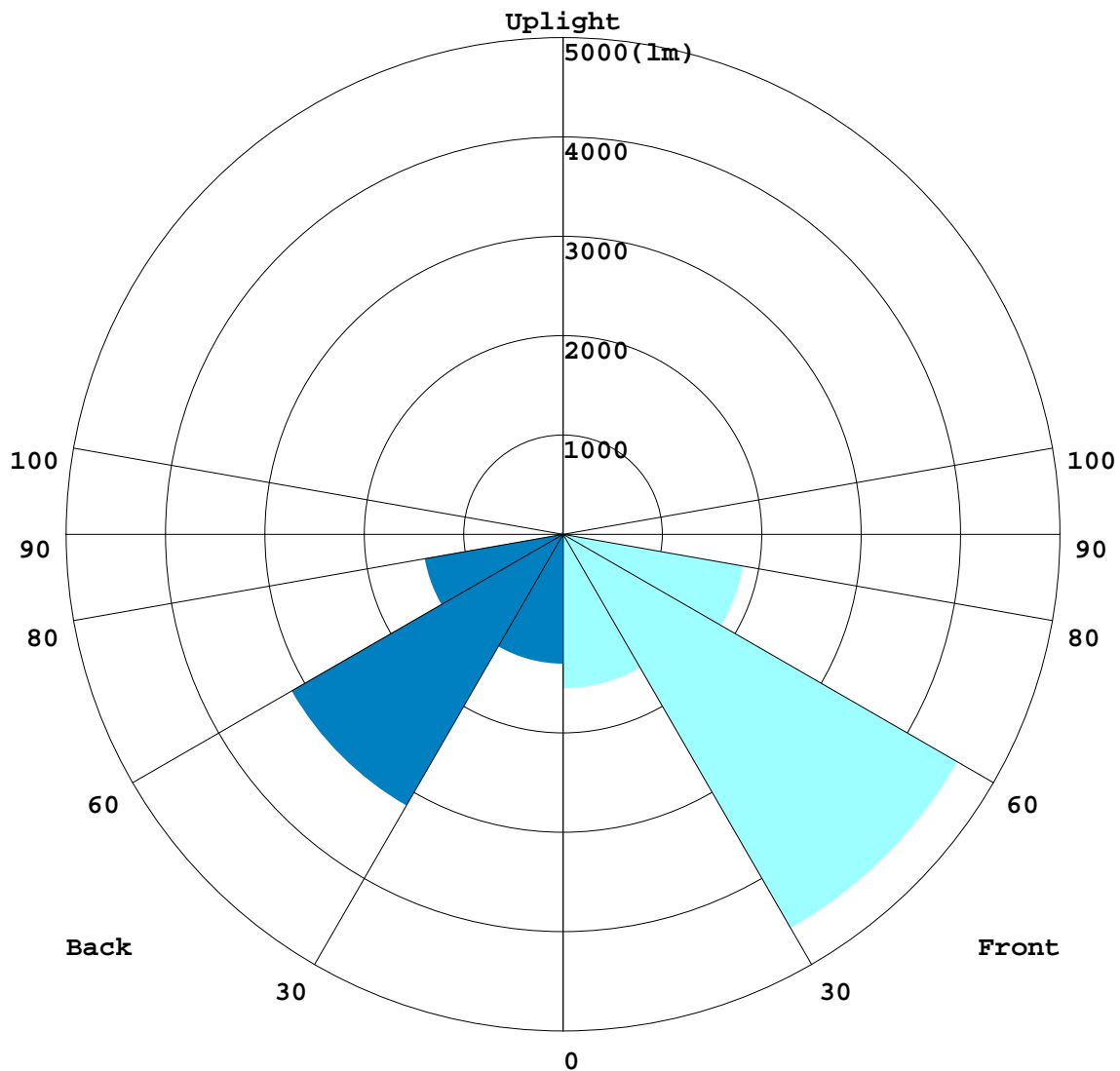


C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0°C  
 Operators: yangbin  
 Test Date: 2023-11-23

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:220.91V I:0.3618A P:78.249W PF:0.9790 Freq:50.00Hz Lamp Flux:13969x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740084G 80w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	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: 2023-11-23

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:220.91V I:0.3618A P:78.249W PF:0.9790 Freq:50.00Hz Lamp Flux:13969x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740084G 80w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

### IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1552.1	11.1
FM - Front-Medium(30-60)	4581.7	32.8
FH - Front-High(60-80)	1838.1	13.2
FVH - Front-Very High(80-90)	49.418	0.4
Total Forward Light	8036.8	57.5

BL - Back-Low(0-30)	1305.2	9.3
BM - Back-Medium(30-60)	3153.6	22.6
BH - Back-High(60-80)	1412.5	10.1
BVH - Back-Very High(80-90)	39.507	0.3
Total Back Light	5932.4	42.5

UL - Uplight-Low(90-100)	1.6428	0.0
UH - Uplight-High(100-180)	35.445	0.3
Total Up Light	37.087	0.3

BUG(Back,Up,Glare) Rating	B3-U2-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	5910.8	21.598	5932.4
Street Side	8021.3	15.489	8036.8

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-23

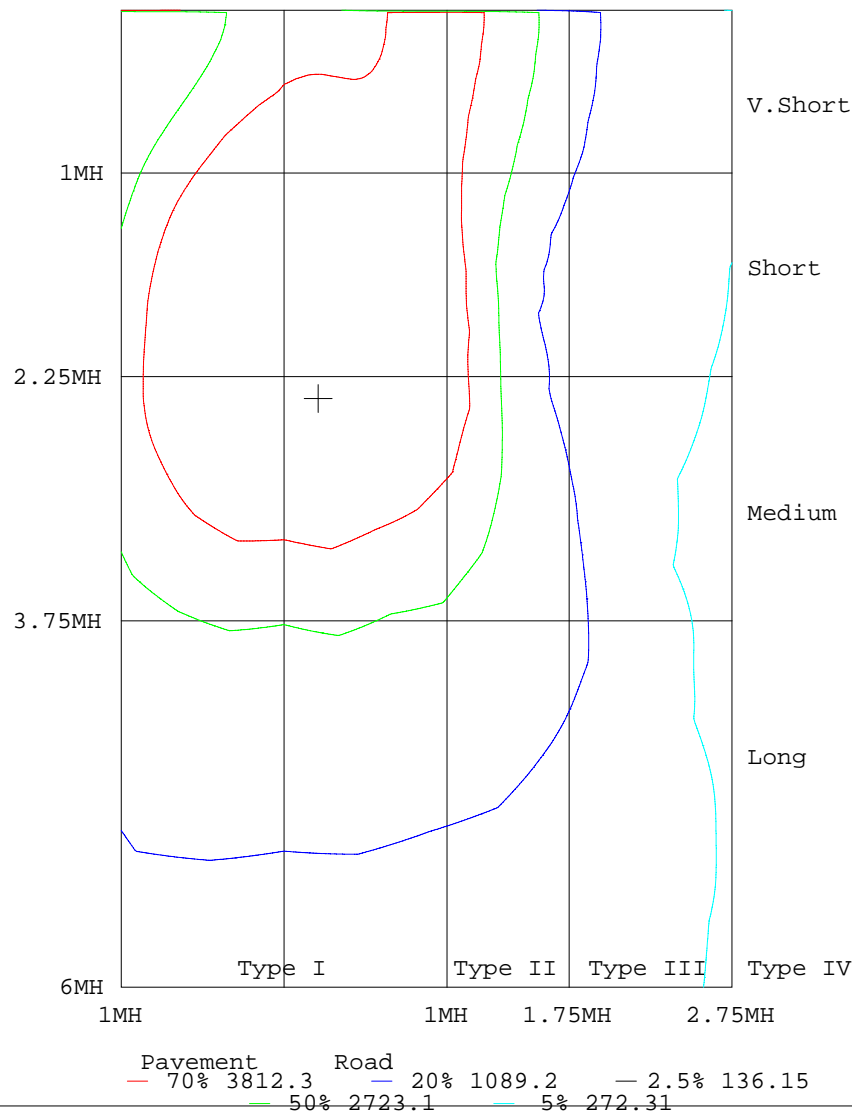
γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity:65.0%  
Test Distance:12.534m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:220.91V I:0.3618A P:78.249W PF:0.9790 Freq:50.00Hz Lamp Flux:13969x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740084G 80w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	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: 2023-11-23

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:220.91V I:0.3618A P:78.249W PF:0.9790 Freq:50.00Hz Lamp Flux:13969x1 lm																		
NAME: Skylite									TYPE: LED					WEIGHT: 2.3				
SPEC.: AL6740084G 80w4000K With glass									DIM.: 45*19*9					SERIAL No.: 001				
MFR.: Americanlite									SUR.: 16.5*16.5					Shielding Angle:				

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433
5	3462	3472	3482	3491	3501	3508	3515	3521	3526	3532	3535	3540	3543	3547	3549	3552	3552	3553	3552
10	3512	3530	3547	3561	3575	3585	3596	3603	3610	3616	3619	3624	3625	3629	3630	3633	3631	3633	3631
15	3570	3592	3613	3629	3645	3656	3665	3671	3674	3677	3675	3675	3671	3671	3667	3669	3666	3668	3665
20	3669	3693	3713	3724	3733	3733	3732	3728	3720	3716	3707	3703	3695	3692	3687	3688	3685	3688	3684
25	3812	3837	3854	3854	3847	3830	3809	3787	3765	3749	3733	3725	3716	3714	3709	3712	3710	3715	3711
30	3988	4011	4019	4003	3977	3940	3900	3858	3820	3794	3772	3763	3755	3755	3756	3761	3764	3769	3767
35	4167	4188	4189	4159	4113	4057	4002	3945	3893	3859	3841	3838	3841	3848	3857	3868	3876	3881	3880
40	4349	4369	4360	4315	4262	4196	4125	4055	4000	3972	3963	3965	3974	3986	3997	4007	4013	4018	4019
45	4456	4488	4473	4430	4387	4336	4274	4206	4154	4115	4091	4075	4063	4062	4055	4061	4056	4063	4064
50	4546	4563	4552	4531	4514	4489	4449	4380	4289	4193	4108	4048	3983	3949	3912	3906	3883	3890	3881
55	4608	4631	4651	4679	4726	4716	4634	4483	4251	4021	3812	3668	3515	3429	3339	3314	3265	3280	3258
60	4767	4811	4909	5005	5021	4878	4605	4227	3705	3258	2868	2625	2389	2275	2126	2078	1988	1996	1957
65	5137	5269	5374	5287	5056	4595	4036	3270	2216	1558	1069	951	837	815	679	708	625	686	619
70	4924	5027	4906	4680	4298	3682	2487	1294	520	450	416	391	356	342	326	322	327	330	328
75	2784	2946	2771	2774	2381	1822	944	346	275	255	234	221	208	205	196	193	192	195	191
80	782	846	767	791	594	384	188	148	128	122	113	109	101	100	97.3	98.3	98.8	97.6	94.8
85	69.6	80.9	82.5	90.6	72.6	59.7	47.3	42.5	37.0	36.7	34.3	34.3	31.8	32.6	30.5	31.4	30.4	29.7	26.4
90	1.76	1.62	1.57	1.32	1.56	0.90	0.77	0.78	0.70	0.98	0.85	1.21	1.09	1.44	1.34	1.72	1.47	1.03	0.49
95	3.37	3.11	2.82	2.38	1.94	1.52	1.11	0.83	0.56	0.54	0.52	0.50	0.49	0.46	0.47	0.46	0.46	0.42	0.42
100	5.38	5.06	4.63	4.00	3.30	2.64	2.00	1.52	1.05	0.87	0.65	0.69	0.55	0.61	0.52	0.59	0.48	0.58	0.49
105	7.19	6.85	6.33	5.60	4.81	4.00	3.15	2.49	1.87	1.49	1.15	1.09	0.96	0.94	0.83	0.87	0.78	0.84	0.75
110	8.56	8.27	7.72	7.00	6.14	5.30	4.42	3.62	2.88	2.36	1.90	1.71	1.49	1.46	1.32	1.33	1.23	1.30	1.21
115	9.51	9.28	8.77	8.14	7.33	6.51	5.61	4.81	3.99	3.35	2.80	2.49	2.21	2.13	1.97	1.96	1.85	1.91	1.84
120	9.94	9.73	9.32	8.88	8.18	7.49	6.60	5.81	4.98	4.35	3.74	3.35	3.00	2.88	2.70	2.67	2.58	2.61	2.56
125	9.96	9.66	9.42	8.98	8.51	7.96	7.20	6.60	5.81	5.24	4.62	4.24	3.86	3.66	3.45	3.44	3.30	3.35	3.28
130	9.65	9.33	9.22	8.82	8.52	8.11	7.50	7.05	6.39	5.91	5.33	5.00	4.58	4.42	4.17	4.15	4.01	4.05	3.98
135	9.29	9.01	8.96	8.62	8.47	8.15	7.67	7.33	6.79	6.40	5.88	5.58	5.18	5.03	4.76	4.72	4.55	4.62	4.54
140	9.02	8.82	8.78	8.61	8.46	8.18	7.79	7.55	7.06	6.79	6.31	6.08	5.71	5.55	5.29	5.24	5.07	5.12	5.06
145	8.86	8.72	8.69	8.60	8.46	8.24	7.89	7.72	7.32	7.11	6.71	6.52	6.17	6.06	5.81	5.77	5.60	5.66	5.60
150	8.78	8.72	8.66	8.64	8.46	8.36	8.04	7.92	7.58	7.42	7.07	6.95	6.63	6.55	6.35	6.31	6.16	6.23	6.15
155	8.77	8.75	8.68	8.72	8.55	8.48	8.22	8.11	7.82	7.71	7.40	7.34	7.06	7.05	6.83	6.84	6.70	6.78	6.69
160	8.78	8.89	8.82	8.88	8.67	8.63	8.41	8.33	8.05	7.99	7.75	7.72	7.52	7.53	7.37	7.41	7.27	7.36	7.25
165	8.90	9.08	9.00	9.02	8.82	8.80	8.56	8.54	8.31	8.33	8.15	8.15	7.99	8.05	7.91	7.97	7.84	7.94	7.85
170	9.15	9.33	9.19	9.19	9.01	8.99	8.81	8.79	8.66	8.70	8.56	8.62	8.50	8.59	8.46	8.55	8.43	8.54	8.42
175	9.49	9.58	9.40	9.41	9.21	9.25	9.10	9.16	9.03	9.11	9.00	9.07	8.99	9.09	8.99	9.06	8.99	9.05	8.94
180	9.68	9.69	9.51	9.52	9.38	9.40	9.36	9.39	9.36	9.39	9.36	9.41	9.37	9.41	9.39	9.41	9.39	9.42	9.40

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-23

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:220.91V I:0.3618A P:78.249W PF:0.9790 Freq:50.00Hz Lamp Flux:13969x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740084G 80w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

Table--2

UNIT: cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433
5	3553	3550	3549	3545	3542	3537	3533	3526	3520	3513	3505	3496	3487	3478	3467	3457	3446	3432	3421
10	3633	3628	3627	3621	3619	3613	3609	3600	3594	3585	3576	3564	3550	3536	3519	3503	3483	3458	3437
15	3667	3662	3664	3660	3661	3658	3658	3651	3648	3638	3630	3617	3603	3585	3564	3543	3518	3485	3455
20	3686	3680	3681	3678	3680	3676	3677	3673	3673	3670	3668	3661	3653	3641	3624	3605	3577	3534	3496
25	3712	3706	3705	3699	3697	3691	3692	3691	3695	3699	3709	3718	3724	3724	3715	3701	3673	3622	3577
30	3765	3758	3751	3740	3732	3721	3719	3716	3724	3736	3758	3782	3804	3822	3826	3820	3795	3739	3687
35	3878	3869	3856	3836	3815	3793	3775	3764	3767	3783	3814	3848	3881	3917	3941	3948	3930	3872	3814
40	4020	4013	4001	3982	3957	3926	3893	3863	3848	3854	3884	3927	3973	4019	4058	4082	4066	4003	3945
45	4075	4074	4078	4069	4062	4045	4027	4007	3986	3976	3985	4024	4073	4120	4161	4198	4189	4120	4054
50	3908	3915	3948	3962	3997	4021	4054	4072	4105	4128	4142	4160	4179	4208	4236	4258	4254	4205	4137
55	3305	3315	3389	3439	3544	3629	3760	3880	4037	4174	4280	4345	4361	4345	4323	4321	4304	4252	4211
60	2040	2064	2194	2281	2458	2600	2854	3090	3448	3796	4162	4411	4585	4638	4551	4475	4424	4348	4328
65	708	658	774	777	912	993	1162	1409	1968	2600	3431	4000	4515	4811	4934	4903	4732	4627	4599
70	336	329	327	335	353	382	430	461	519	699	1701	2768	3787	4267	4739	4893	5041	4899	4673
75	199	192	197	200	210	217	236	255	284	320	442	1198	2041	2658	2987	3128	3275	3360	3236
80	99.7	98.0	99.6	99.2	104	107	117	122	135	145	178	262	622	812	994	1033	1087	1208	1119
85	31.9	31.3	33.1	32.8	35.5	35.6	39.0	39.8	43.8	45.7	54.5	63.7	86.1	112	145	133	127	142	150
90	1.21	2.02	2.29	1.98	2.40	2.06	2.42	2.09	2.51	2.11	2.60	2.31	2.99	2.56	3.24	2.55	2.95	5.05	3.91
95	0.43	0.48	0.45	0.49	0.49	0.53	0.54	0.56	0.61	0.72	1.04	1.39	1.82	2.23	2.56	2.88	3.04	3.73	3.86
100	0.58	0.52	0.60	0.52	0.64	0.59	0.74	0.72	1.00	1.34	1.95	2.58	3.24	3.92	4.43	4.93	5.19	5.99	6.12
105	0.84	0.79	0.88	0.85	0.98	0.98	1.14	1.31	1.77	2.36	3.16	4.08	4.93	5.73	6.39	6.98	7.32	8.12	8.21
110	1.31	1.27	1.38	1.35	1.51	1.57	1.83	2.16	2.79	3.56	4.51	5.47	6.40	7.21	7.97	8.55	8.99	9.71	9.77
115	1.93	1.90	2.01	2.02	2.20	2.33	2.71	3.19	3.96	4.75	5.70	6.55	7.44	8.19	8.96	9.57	10.1	10.7	10.7
120	2.64	2.61	2.74	2.80	3.00	3.20	3.65	4.21	4.97	5.69	6.52	7.21	8.00	8.67	9.48	10.1	10.5	11.0	11.1
125	3.37	3.36	3.50	3.54	3.79	4.06	4.56	5.05	5.73	6.27	6.97	7.53	8.28	8.89	9.59	10.1	10.5	10.8	11.0
130	4.08	4.05	4.19	4.24	4.52	4.75	5.25	5.64	6.21	6.62	7.25	7.75	8.45	9.05	9.57	10.1	10.3	10.3	10.5
135	4.64	4.60	4.77	4.82	5.12	5.33	5.74	6.05	6.56	6.90	7.49	7.91	8.45	9.04	9.38	9.82	9.97	9.83	10.0
140	5.17	5.16	5.30	5.36	5.64	5.81	6.19	6.40	6.85	7.14	7.66	7.99	8.45	8.92	9.15	9.54	9.63	9.46	9.63
145	5.72	5.68	5.85	5.88	6.14	6.21	6.57	6.74	7.12	7.35	7.77	8.03	8.44	8.77	8.93	9.28	9.36	9.16	9.34
150	6.26	6.22	6.36	6.37	6.59	6.65	6.94	7.06	7.39	7.55	7.91	8.08	8.44	8.71	8.87	9.12	9.19	9.01	9.15
155	6.80	6.74	6.89	6.85	7.05	7.06	7.30	7.39	7.68	7.77	8.07	8.22	8.50	8.71	8.87	9.05	9.18	9.00	9.08
160	7.37	7.28	7.41	7.36	7.52	7.51	7.70	7.74	7.98	8.04	8.27	8.35	8.58	8.72	8.88	9.04	9.16	9.00	9.05
165	7.96	7.85	7.98	7.92	8.04	7.99	8.13	8.13	8.31	8.34	8.52	8.53	8.74	8.76	8.97	9.05	9.23	9.13	9.06
170	8.53	8.44	8.54	8.44	8.56	8.47	8.63	8.56	8.69	8.66	8.84	8.78	8.95	8.94	9.14	9.12	9.36	9.32	9.18
175	9.05	8.94	9.05	8.94	9.05	8.95	9.07	9.00	9.10	9.07	9.18	9.10	9.23	9.22	9.36	9.36	9.57	9.62	9.39
180	9.42	9.39	9.41	9.38	9.40	9.38	9.41	9.39	9.41	9.40	9.42	9.39	9.41	9.43	9.45	9.59	9.61	9.69	9.68

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-23

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:220.91V I:0.3618A P:78.249W PF:0.9790 Freq:50.00Hz Lamp Flux:13969xl lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740084G 80w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

Table--3

UNIT: cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433
5	3408	3396	3384	3372	3360	3349	3337	3327	3317	3308	3300	3293	3288	3283	3281	3279	3280	3282	3285
10	3412	3388	3360	3334	3305	3277	3248	3221	3196	3174	3155	3137	3125	3115	3109	3104	3106	3109	3117
15	3420	3384	3345	3305	3261	3217	3170	3125	3081	3039	3004	2973	2950	2931	2921	2913	2916	2920	2935
20	3449	3400	3343	3287	3226	3161	3089	3020	2956	2897	2844	2796	2760	2728	2710	2699	2701	2707	2728
25	3517	3453	3378	3297	3205	3111	3017	2924	2831	2744	2667	2597	2544	2498	2474	2456	2457	2465	2493
30	3614	3536	3437	3328	3207	3084	2953	2823	2695	2576	2471	2379	2313	2259	2227	2206	2207	2216	2248
35	3732	3639	3517	3383	3227	3061	2887	2713	2547	2396	2273	2171	2098	2042	2011	1992	1991	2001	2031
40	3855	3748	3609	3451	3261	3048	2818	2596	2395	2224	2088	1989	1926	1885	1863	1850	1849	1856	1876
45	3962	3850	3702	3520	3289	3024	2743	2471	2237	2051	1935	1855	1803	1769	1750	1740	1740	1743	1758
50	4051	3949	3794	3589	3316	2993	2637	2303	2051	1892	1784	1702	1649	1613	1600	1591	1592	1589	1600
55	4146	4054	3895	3648	3298	2859	2395	2003	1786	1633	1531	1451	1406	1364	1348	1321	1322	1318	1344
60	4304	4180	3940	3582	3089	2480	1882	1551	1370	1216	1124	1010	930	859	838	805	806	802	832
65	4450	4222	3822	3238	2536	1665	1130	888	776	647	551	468	446	427	428	420	417	416	420
70	4441	3887	3337	2422	1420	543	438	386	343	292	274	256	252	253	266	267	266	265	259
75	3030	2687	1948	965	314	233	220	199	182	169	163	157	156	152	157	156	157	156	154
80	1043	690	496	192	129	112	104	91.9	89.9	84.2	81.9	78.2	78.4	75.1	74.1	71.3	72.5	71.3	73.9
85	98.3	68.3	57.2	45.6	39.7	33.2	30.6	26.7	26.3	23.7	23.5	21.4	21.4	19.0	18.2	17.0	18.1	16.8	17.9
90	3.99	2.86	2.77	1.84	1.63	1.01	0.76	0.61	0.50	0.52	0.45	0.60	0.41	0.66	0.39	0.41	0.40	0.42	0.40
95	3.68	3.48	3.05	2.63	2.12	1.61	1.14	0.74	0.67	0.53	0.59	0.51	0.54	0.47	0.51	0.45	0.51	0.46	0.53
100	5.93	5.66	5.11	4.52	3.78	3.07	2.36	1.70	1.28	1.02	0.99	0.87	0.89	0.80	0.84	0.76	0.83	0.80	0.85
105	8.02	7.66	7.08	6.42	5.65	4.88	4.07	3.29	2.63	2.20	1.97	1.82	1.74	1.64	1.64	1.58	1.62	1.60	1.68
110	9.60	9.21	8.66	8.01	7.32	6.62	5.85	5.11	4.40	3.89	3.48	3.30	3.15	3.06	2.99	2.98	2.96	2.98	3.03
115	10.7	10.3	9.85	9.27	8.72	8.10	7.46	6.78	6.15	5.66	5.29	5.08	4.89	4.79	4.73	4.72	4.70	4.72	4.75
120	11.0	10.8	10.5	9.99	9.58	9.10	8.71	8.21	7.72	7.31	6.97	6.79	6.67	6.58	6.53	6.53	6.51	6.53	6.55
125	10.8	10.8	10.5	10.1	9.85	9.51	9.38	9.09	8.91	8.62	8.47	8.33	8.28	8.23	8.23	8.24	8.23	8.21	8.22
130	10.4	10.5	10.2	10.1	9.85	9.67	9.52	9.43	9.42	9.27	9.29	9.23	9.34	9.31	9.39	9.38	9.45	9.38	9.42
135	9.96	10.1	9.91	9.96	9.73	9.68	9.53	9.49	9.50	9.48	9.54	9.57	9.67	9.72	9.89	9.88	9.91	9.89	9.84
140	9.55	9.70	9.58	9.70	9.54	9.63	9.50	9.50	9.47	9.53	9.56	9.71	9.72	9.87	9.90	9.92	9.91	9.93	9.88
145	9.24	9.41	9.31	9.48	9.36	9.49	9.40	9.51	9.47	9.53	9.53	9.70	9.70	9.84	9.81	9.90	9.79	9.88	9.72
150	9.10	9.25	9.19	9.34	9.30	9.40	9.40	9.47	9.47	9.53	9.53	9.70	9.67	9.79	9.71	9.85	9.70	9.81	9.62
155	9.09	9.19	9.19	9.29	9.30	9.37	9.39	9.45	9.47	9.53	9.53	9.70	9.64	9.77	9.72	9.81	9.69	9.76	9.59
160	9.09	9.17	9.20	9.28	9.30	9.37	9.40	9.45	9.47	9.53	9.53	9.68	9.59	9.74	9.61	9.75	9.62	9.71	9.57
165	9.15	9.17	9.25	9.28	9.35	9.37	9.40	9.45	9.47	9.53	9.53	9.66	9.57	9.71	9.59	9.72	9.59	9.69	9.57
170	9.28	9.21	9.33	9.33	9.37	9.38	9.40	9.45	9.47	9.53	9.52	9.66	9.55	9.69	9.57	9.71	9.59	9.69	9.57
175	9.45	9.35	9.45	9.37	9.38	9.40	9.40	9.45	9.45	9.53	9.51	9.62	9.54	9.65	9.54	9.66	9.55	9.66	9.57
180	9.57	9.52	9.48	9.38	9.38	9.41	9.40	9.45	9.43	9.46	9.43	9.49	9.47	9.49	9.48	9.49	9.49	9.47	9.46

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-23

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:220.91V I:0.3618A P:78.249W PF:0.9790 Freq:50.00Hz Lamp Flux:13969x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 2.3
SPEC.: AL6740084G 80w4000K With glass	DIM.: 45*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*16.5	Shielding Angle:

Table--4

UNIT: cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433	3433				
5	3289	3295	3302	3312	3321	3332	3344	3356	3370	3383	3397	3410	3423	3435	3448				
10	3127	3143	3162	3184	3209	3235	3265	3294	3325	3353	3384	3412	3440	3465	3490				
15	2952	2979	3009	3047	3091	3140	3191	3243	3294	3341	3387	3428	3471	3507	3540				
20	2755	2796	2844	2904	2970	3042	3117	3195	3275	3346	3414	3474	3533	3583	3629				
25	2531	2593	2664	2751	2847	2951	3057	3164	3271	3373	3474	3559	3640	3704	3763				
30	2294	2369	2461	2579	2707	2849	2998	3148	3298	3437	3573	3687	3789	3865	3936				
35	2076	2152	2253	2389	2550	2736	2934	3135	3336	3517	3687	3827	3946	4035	4112				
40	1911	1972	2064	2205	2385	2606	2857	3124	3386	3616	3821	3983	4118	4216	4298				
45	1787	1840	1916	2029	2203	2455	2758	3088	3412	3693	3924	4097	4231	4326	4402				
50	1621	1671	1743	1852	1994	2224	2579	3009	3417	3754	4026	4216	4352	4436	4511				
55	1365	1414	1469	1566	1690	1881	2196	2733	3284	3746	4100	4344	4490	4556	4596				
60	854	926	1005	1118	1210	1380	1600	2152	2864	3535	4032	4382	4623	4750	4766				
65	419	436	455	538	625	733	842	1140	1993	2942	3628	4224	4629	4872	5041				
70	247	249	256	272	293	337	368	419	633	1724	2734	3564	4053	4528	4749				
75	151	154	155	161	167	182	197	212	236	573	1218	1997	2512	2759	2904				
80	74.3	76.9	76.4	80.0	81.5	86.1	88.4	101	108	138	250	443	590	877	847				
85	19.1	20.7	20.7	22.5	22.3	24.4	24.7	28.3	30.2	36.4	41.1	50.9	57.6	76.9	80.1				
90	0.43	0.41	0.52	1.16	0.52	0.50	0.69	0.71	1.10	1.21	1.56	1.77	2.11	2.17	2.33				
95	0.49	0.55	0.53	0.61	0.56	0.73	0.88	1.31	1.73	2.23	2.75	3.23	3.70	3.96	4.12				
100	0.83	0.93	0.92	1.06	1.16	1.48	1.91	2.49	3.10	3.78	4.49	5.12	5.71	6.06	6.29				
105	1.71	1.83	1.92	2.11	2.39	2.83	3.41	4.08	4.77	5.47	6.19	6.90	7.57	8.00	8.22				
110	3.13	3.24	3.44	3.67	4.06	4.53	5.10	5.73	6.36	7.04	7.72	8.44	9.03	9.46	9.61				
115	4.86	4.97	5.17	5.42	5.77	6.18	6.69	7.26	7.88	8.53	9.13	9.72	10.1	10.4	10.4				
120	6.61	6.70	6.88	7.08	7.36	7.73	8.13	8.67	9.15	9.69	10.1	10.4	10.6	10.6	10.6				
125	8.24	8.31	8.39	8.56	8.74	9.01	9.26	9.63	9.83	10.0	10.2	10.3	10.5	10.4	10.4				
130	9.34	9.41	9.38	9.51	9.55	9.74	9.76	9.87	9.96	9.97	10.1	9.95	10.02	9.90	9.90				
135	9.81	9.72	9.76	9.71	9.75	9.75	9.79	9.78	9.89	9.76	9.84	9.63	9.65	9.47	9.53				
140	9.91	9.75	9.79	9.70	9.75	9.66	9.76	9.63	9.72	9.55	9.65	9.43	9.42	9.22	9.21				
145	9.78	9.61	9.69	9.55	9.68	9.54	9.63	9.48	9.57	9.39	9.49	9.30	9.29	9.05	8.98				
150	9.71	9.56	9.62	9.46	9.57	9.44	9.55	9.41	9.50	9.34	9.39	9.28	9.24	9.06	8.90				
155	9.69	9.56	9.61	9.46	9.52	9.44	9.47	9.37	9.45	9.34	9.36	9.28	9.24	9.11	8.89				
160	9.65	9.56	9.58	9.46	9.48	9.44	9.43	9.38	9.41	9.34	9.34	9.28	9.24	9.15	8.92				
165	9.64	9.56	9.57	9.44	9.48	9.44	9.43	9.39	9.38	9.34	9.34	9.32	9.24	9.25	9.06				
170	9.63	9.56	9.57	9.44	9.47	9.44	9.43	9.41	9.38	9.37	9.34	9.37	9.25	9.37	9.22				
175	9.61	9.51	9.56	9.44	9.47	9.44	9.43	9.43	9.39	9.41	9.35	9.41	9.40	9.49	9.43				
180	9.46	9.45	9.47	9.44	9.47	9.44	9.43	9.43	9.41	9.41	9.41	9.42	9.46	9.61	9.63				

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-11-23

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: