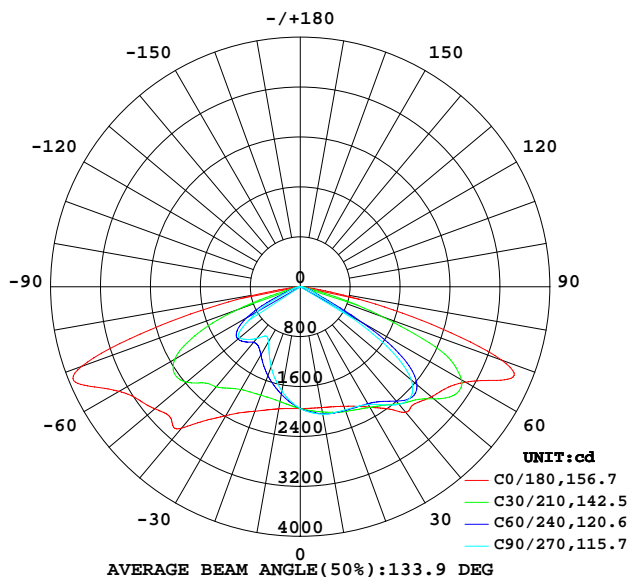
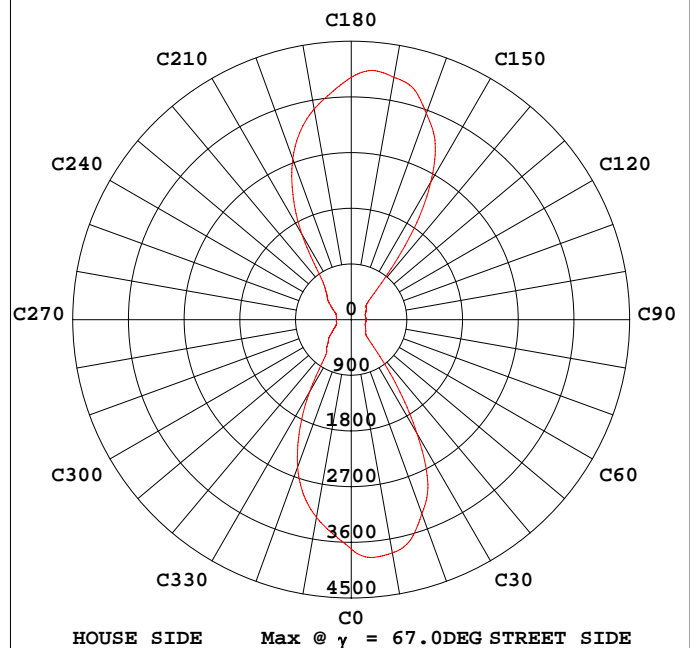


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.31V I:0.2258A P:49.382W PF:0.9884 Freq:50.00Hz Lamp Flux:8682.38x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044G 50w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 175.82 lm/W			
MODEL	50W4000K	I _{max} (cd)	4044	η street_up(%)	0.1
NOMINAL POWER(W)	50	LOR(%)	100.0	η street_down(%)	57.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	8682	η house_up(%)	0.2
NOMINAL FLUX(lm)	8682.38	MAXIMUM @(C,γ)	175,67.0	η house_down(%)	42.6
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	20.718

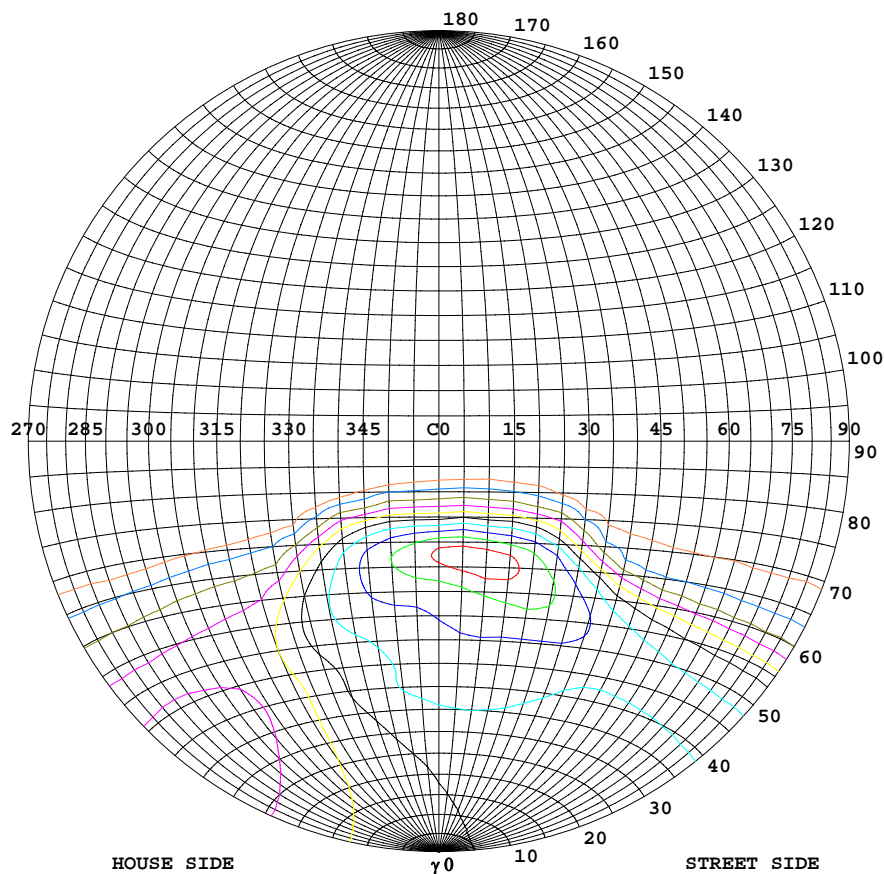
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:zhaojicheng
Test Date:2023-12-06

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:221.31V I:0.2258A P:49.382W PF:0.9884 Freq:50.00Hz Lamp Flux:8682.38x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044G 50w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:



Classification:

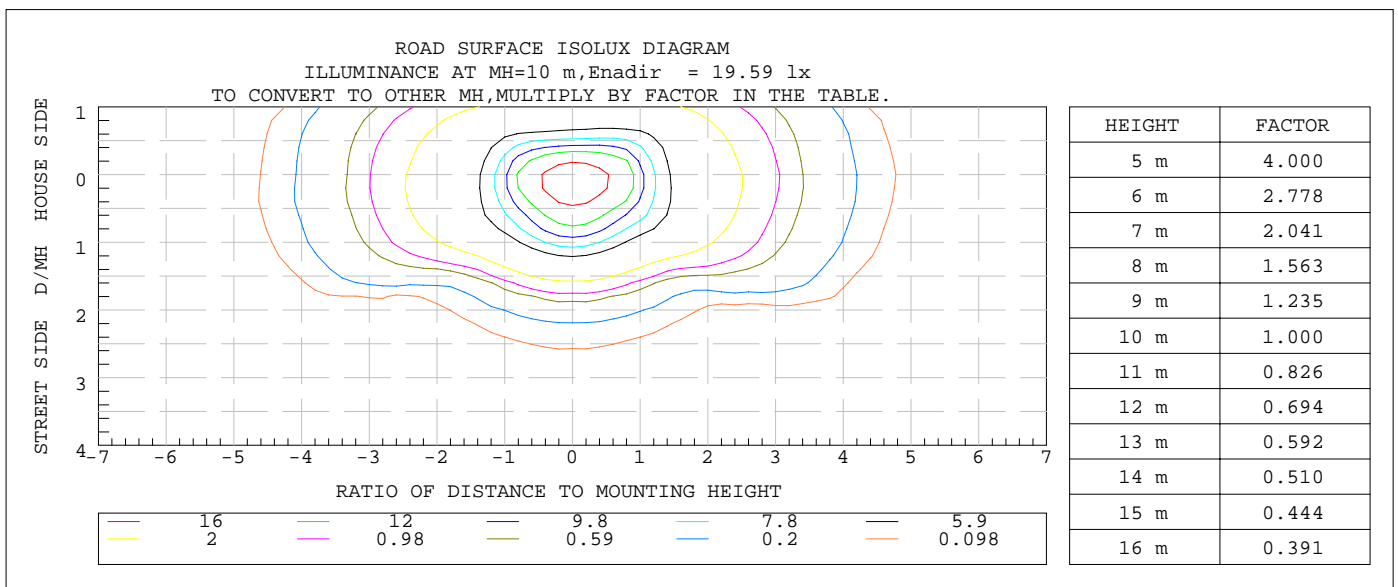
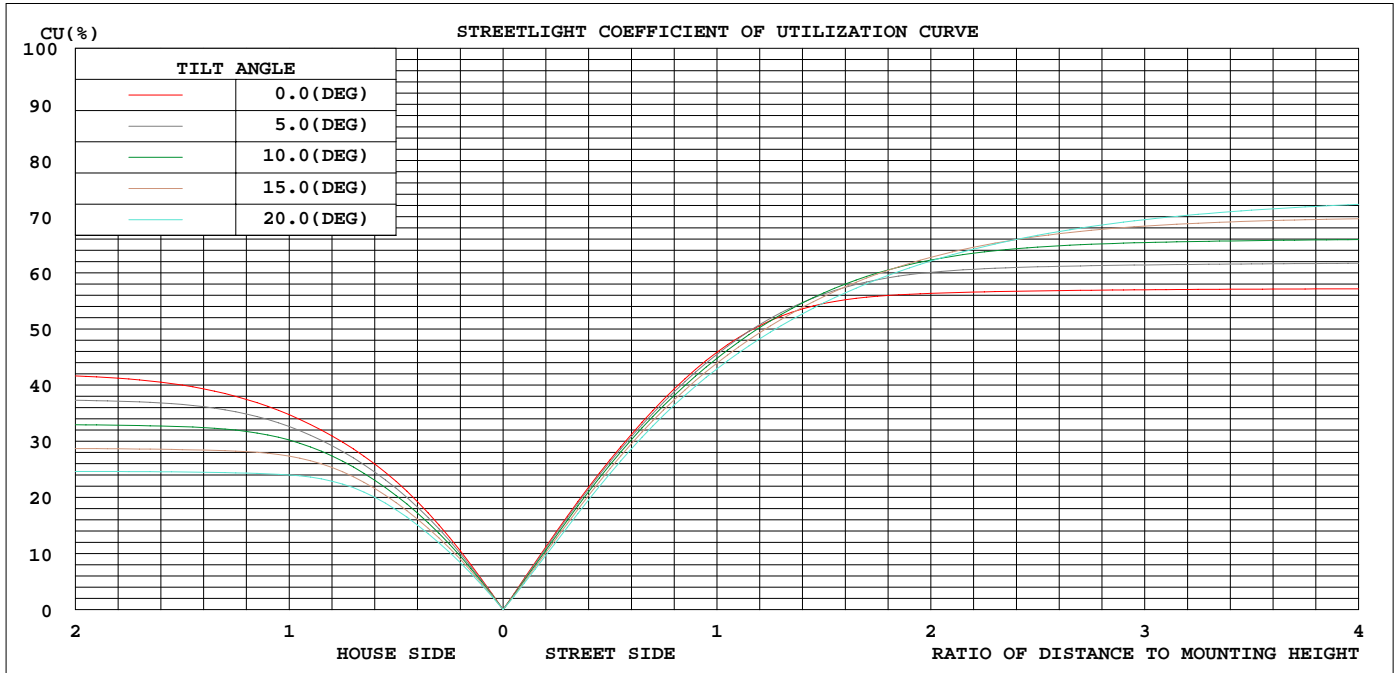
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:77.40cd/klm
Max.At90:0.1884cd/klm
Max.80-90:77.40cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	4044
90%	3640
80%	3235
70%	2831
60%	2426
50%	2022
40%	1618
30%	1213
20%	809
10%	404
5%	202

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:zhaojicheng
Test Date:2023-12-06

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: 2023-12-06

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:221.31V I:0.2258A P:49.382W PF:0.9884 Freq:50.00Hz Lamp Flux:8682.38x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044G 50w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:

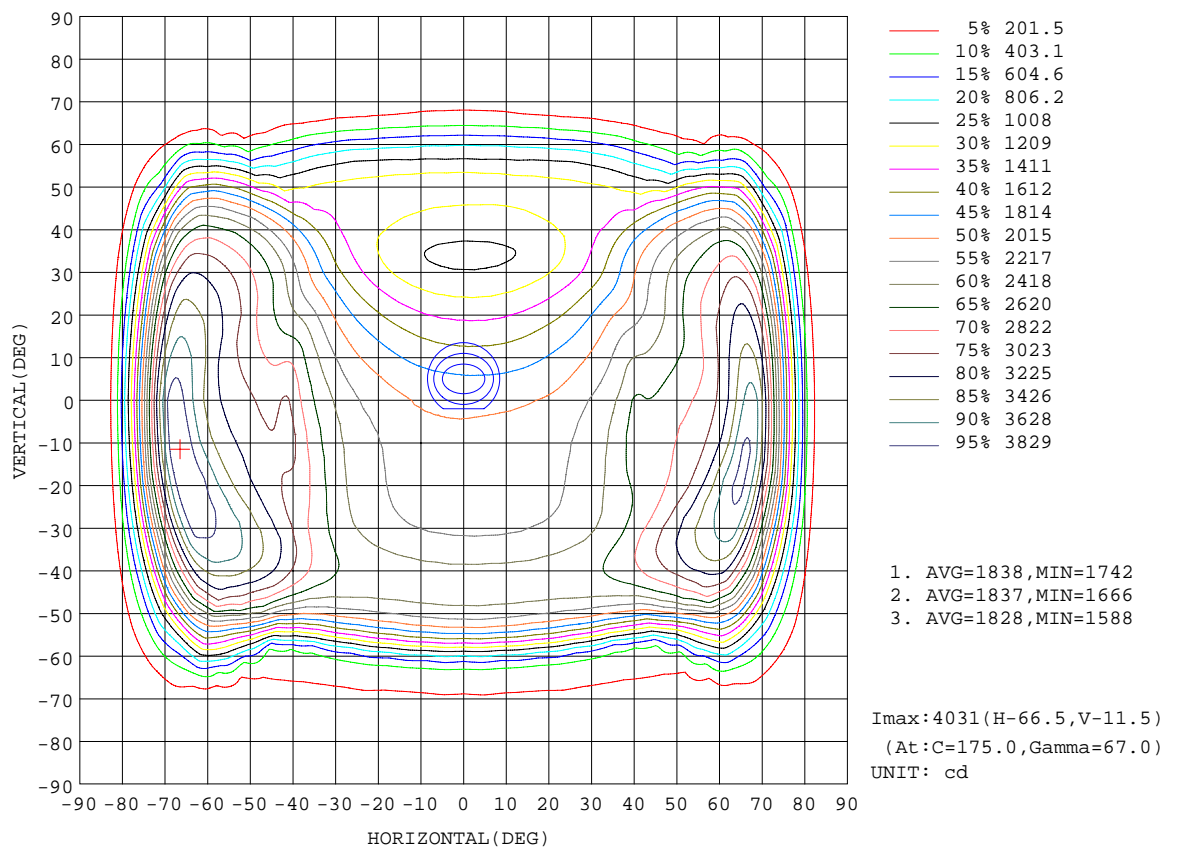
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	1967	2057	2073	2067	1987	1805	1697	1789	0- 10	185.1	185.1	2.13,2.13
20	2040	2121	2100	2165	2123	1676	1366	1625	10- 20	542.6	727.7	8.38,8.38
30	2229	2186	2182	2271	2387	1574	1023	1486	20- 30	879.9	1608	18.5,18.5
40	2628	2345	2460	2479	2958	1521	1082	1377	30- 40	1254	2862	33,33
50	2744	2615	2319	2693	3043	1525	1271	1421	40- 50	1698	4560	52.5,52.5
60	3058	1823	792.5	1897	3353	1152	790.5	1129	50- 60	1917	6477	74.6,74.6
70	3425	238.0	178.7	249.2	3724	261.0	161.1	262.6	60- 70	1510	7986	92,92
80	498.4	62.09	43.82	69.23	672.1	53.05	44.36	49.21	70- 80	631.0	8617	99.3,99.3
90	0.8351	0.2098	0.2114	0.2731	1.636	0.3395	0.1995	0.3046	80- 90	40.86	8658	99.7,99.7
100	3.584	0.5242	0.2304	0.5470	4.352	0.9680	0.4520	1.050	90-100	0.9986	8659	99.7,99.7
110	6.390	1.729	0.8998	1.684	6.913	3.232	1.639	3.240	100-110	2.519	8662	99.8,99.8
120	7.569	3.206	2.073	3.132	7.404	5.302	3.925	5.523	110-120	4.065	8666	99.8,99.8
130	7.437	4.154	2.882	3.781	6.566	6.062	5.968	6.837	120-130	4.678	8670	99.9,99.9
140	6.539	4.436	3.054	3.992	5.700	6.006	6.257	6.680	130-140	4.193	8675	99.9,99.9
150	5.964	4.568	3.354	4.181	5.263	5.755	6.005	6.218	140-150	3.288	8678	99.9,99.9
160	5.671	4.782	4.002	4.487	5.282	5.650	5.868	5.929	150-160	2.394	8680	100,100
170	5.584	5.148	4.789	5.052	5.483	5.631	5.760	5.798	160-170	1.497	8682	100,100
180	5.723	5.546	5.555	5.556	5.712	5.577	5.597	5.598	170-180	0.5219	8682	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:zhaojicheng
Test Date:2023-12-06

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

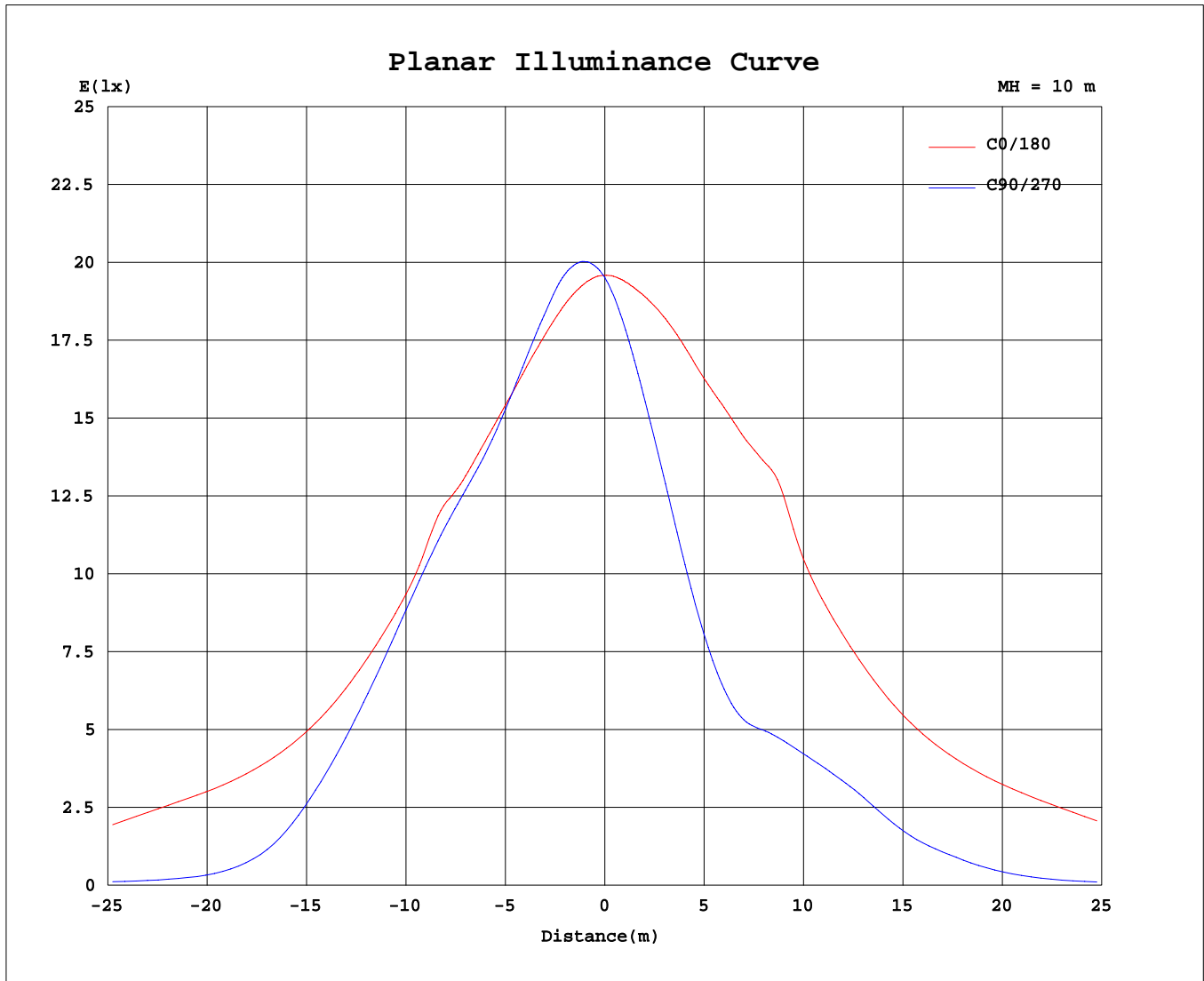
Test:U:221.31V I:0.2258A P:49.382W PF:0.9884 Freq:50.00Hz Lamp Flux:8682.38x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044G 50w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:zhaojicheng
Test Date:2023-12-06

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



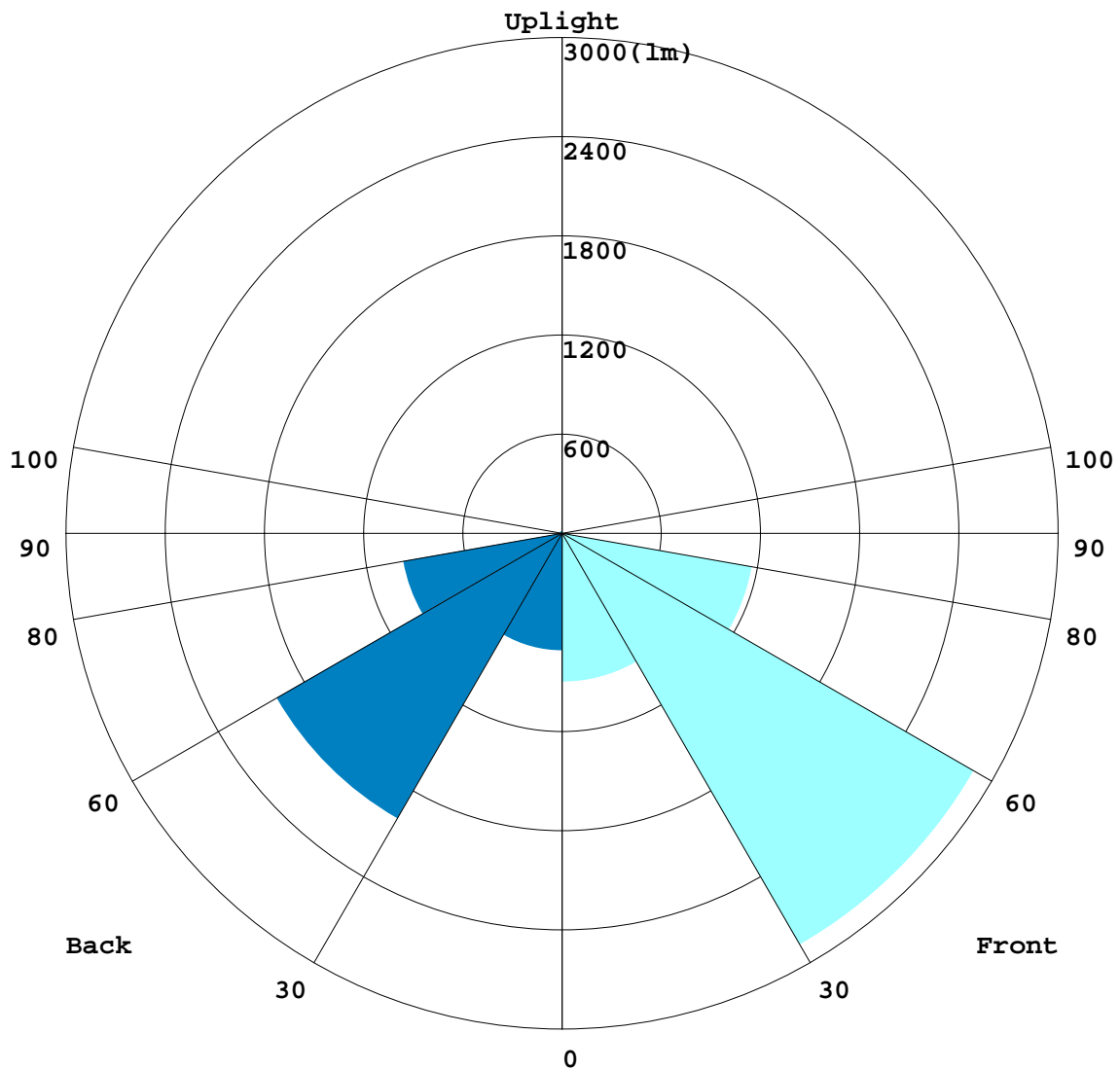
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.0°C
 Operators: zhaojicheng
 Test Date: 2023-12-06

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:221.31V I:0.2258A P:49.382W PF:0.9884 Freq:50.00Hz Lamp Flux:8682.38x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044G 50w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:zhaojicheng
Test Date:2023-12-06

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:221.31V I:0.2258A P:49.382W PF:0.9884 Freq:50.00Hz Lamp Flux:8682.38x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044G 50w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	898.37	10.3
FM - Front-Medium(30-60)	2875.7	33.1
FH - Front-High(60-80)	1166.2	13.4
FVH - Front-Very High(80-90)	23.4	0.3
Total Forward Light	4973.7	57.3

BL - Back-Low(0-30)	709.22	8.2
BM - Back-Medium(30-60)	1993.4	23.0
BH - Back-High(60-80)	974.46	11.2
BVH - Back-Very High(80-90)	17.461	0.2
Total Back Light	3708.7	42.7

UL - Uplight-Low(90-100)	0.99864	0.0
UH - Uplight-High(100-180)	23.156	0.3
Total Up Light	24.155	0.3

BUG(Back,Up,Glare) Rating	B2-U2-G2
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3694.5	14.176	3708.7
Street Side	4963.7	9.9792	4973.7

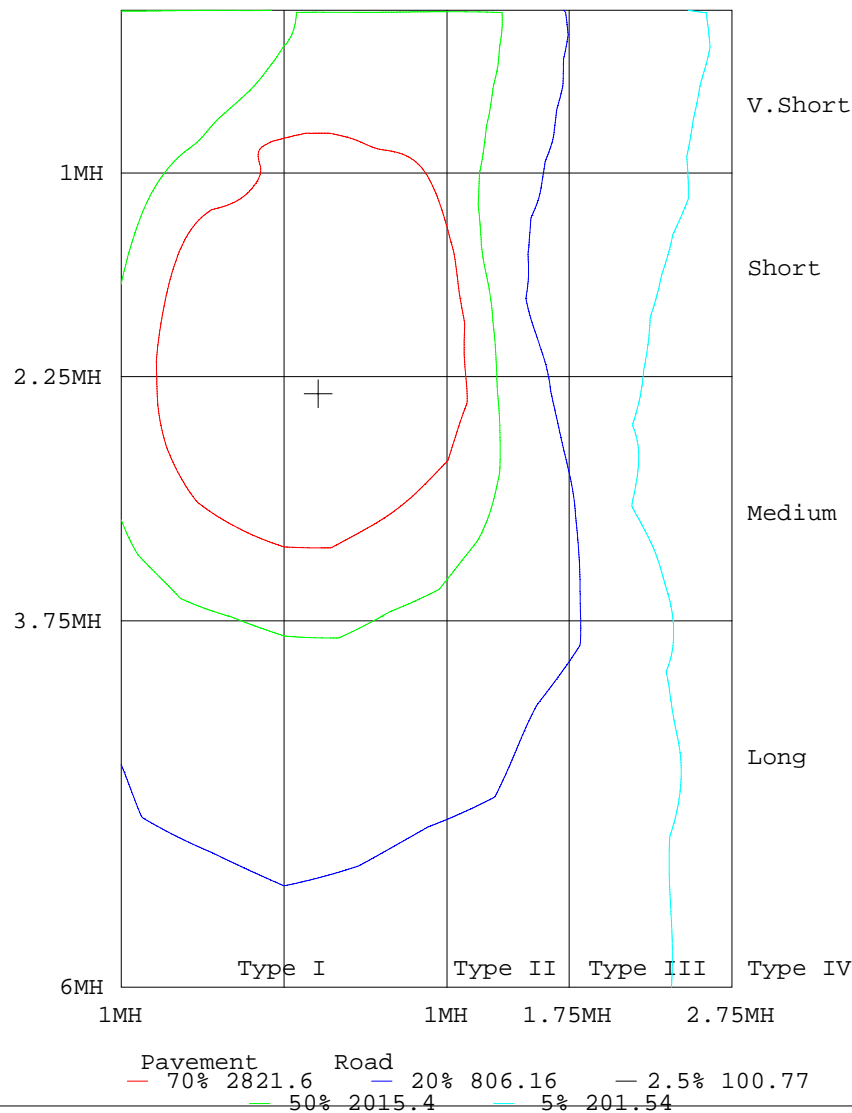
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:zhaojicheng
Test Date:2023-12-06

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:221.31V I:0.2258A P:49.382W PF:0.9884 Freq:50.00Hz Lamp Flux:8682.38x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044G 50w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: zhaojicheng
Test Date: 2023-12-06

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:221.31V I:0.2258A P:49.382W PF:0.9884 Freq:50.00Hz Lamp Flux:8682.38x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044G 50w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	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	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952
5	1955	1963	1969	1977	1983	1989	1995	1999	2003	2007	2010	2014	2016	2020	2020	2022	2023	2024	2025
10	1967	1982	1995	2008	2020	2029	2038	2045	2050	2057	2060	2064	2066	2070	2069	2073	2072	2074	2073
15	1992	2014	2033	2050	2064	2075	2084	2090	2094	2098	2098	2100	2095	2096	2091	2092	2089	2091	2090
20	2040	2066	2088	2104	2117	2125	2126	2127	2123	2121	2117	2115	2109	2107	2101	2100	2099	2099	2100
25	2115	2143	2166	2175	2179	2175	2171	2165	2157	2150	2144	2138	2130	2126	2119	2117	2117	2119	2122
30	2229	2256	2274	2274	2267	2249	2233	2216	2199	2186	2176	2170	2166	2163	2163	2168	2173	2178	2182
35	2384	2411	2425	2412	2391	2354	2320	2286	2260	2240	2235	2239	2247	2258	2272	2284	2297	2305	2310
40	2628	2663	2668	2626	2574	2509	2450	2393	2357	2345	2355	2372	2393	2410	2428	2443	2454	2459	2460
45	2635	2683	2704	2685	2659	2619	2574	2529	2509	2508	2517	2518	2513	2512	2508	2508	2501	2502	2500
50	2744	2796	2809	2799	2794	2795	2793	2747	2679	2615	2553	2502	2440	2403	2364	2349	2328	2333	2319
55	2844	2906	2951	2996	3088	3107	3019	2850	2638	2459	2293	2172	2038	1959	1873	1846	1793	1792	1763
60	3058	3151	3308	3437	3429	3277	2984	2613	2161	1823	1524	1340	1155	1059	936	891	826	847	792
65	3546	3732	3831	3733	3491	3091	2553	1780	1023	654	431	406	366	338	312	299	302	295	296
70	3425	3474	3341	3139	2901	2306	1389	565	271	238	217	207	201	200	189	184	180	185	179
75	1850	1986	1842	1767	1468	1080	399	181	153	141	131	126	115	111	100.0	95.9	93.6	97.8	93.8
80	498	558	500	425	318	168	94.9	78.3	66.4	62.1	55.4	52.5	47.2	46.5	44.9	45.0	44.5	45.5	43.8
85	37.1	50.4	46.8	44.7	31.7	25.1	18.9	17.1	13.8	13.7	11.9	12.0	10.6	10.8	10.1	10.5	10.0	10.6	9.80
90	0.84	0.81	0.70	0.61	0.57	0.38	0.34	0.24	0.26	0.21	0.23	0.20	0.22	0.45	0.22	0.46	0.21	0.29	0.21
95	1.96	1.87	1.65	1.42	1.11	0.89	0.57	0.47	0.26	0.28	0.23	0.25	0.23	0.23	0.22	0.24	0.21	0.23	0.21
100	3.58	3.38	3.08	2.66	2.18	1.74	1.26	0.97	0.64	0.52	0.37	0.43	0.30	0.37	0.28	0.35	0.24	0.34	0.23
105	5.18	4.97	4.56	4.06	3.40	2.82	2.18	1.73	1.26	1.04	0.77	0.77	0.63	0.67	0.54	0.62	0.50	0.60	0.49
110	6.39	6.19	5.73	5.22	4.51	3.86	3.12	2.61	2.05	1.73	1.38	1.27	1.11	1.12	0.99	1.05	0.94	1.00	0.90
115	7.19	7.04	6.58	6.12	5.42	4.80	4.07	3.50	2.88	2.48	2.06	1.90	1.67	1.69	1.55	1.58	1.48	1.55	1.48
120	7.57	7.45	7.05	6.71	6.06	5.53	4.84	4.28	3.63	3.21	2.74	2.54	2.30	2.26	2.13	2.16	2.07	2.14	2.07
125	7.64	7.41	7.15	6.74	6.31	5.85	5.23	4.80	4.19	3.78	3.31	3.11	2.81	2.78	2.64	2.68	2.58	2.67	2.59
130	7.44	7.15	6.97	6.55	6.30	5.78	5.37	5.03	4.47	4.15	3.69	3.48	3.16	3.14	2.97	3.02	2.91	2.99	2.88
135	6.99	6.71	6.61	6.25	6.09	5.66	5.36	5.02	4.60	4.33	3.90	3.70	3.39	3.33	3.14	3.18	3.04	3.12	2.99
140	6.54	6.31	6.26	5.98	5.89	5.52	5.34	5.02	4.64	4.44	4.01	3.87	3.52	3.47	3.24	3.27	3.10	3.18	3.05
145	6.19	5.99	6.02	5.82	5.75	5.43	5.31	5.02	4.66	4.51	4.14	4.00	3.65	3.61	3.38	3.38	3.22	3.30	3.20
150	5.96	5.83	5.86	5.67	5.64	5.37	5.27	5.03	4.69	4.57	4.23	4.14	3.85	3.77	3.55	3.56	3.40	3.47	3.35
155	5.83	5.67	5.77	5.58	5.59	5.38	5.24	5.05	4.75	4.66	4.37	4.30	4.04	4.02	3.82	3.82	3.67	3.74	3.64
160	5.67	5.64	5.66	5.58	5.51	5.38	5.23	5.09	4.83	4.78	4.52	4.51	4.29	4.31	4.11	4.16	4.02	4.10	4.00
165	5.60	5.61	5.64	5.57	5.49	5.39	5.23	5.16	4.94	4.94	4.75	4.75	4.58	4.62	4.47	4.54	4.39	4.49	4.36
170	5.58	5.68	5.65	5.60	5.49	5.42	5.24	5.28	5.10	5.15	4.98	5.06	4.89	4.98	4.84	4.91	4.83	4.91	4.79
175	5.65	5.72	5.65	5.62	5.49	5.50	5.37	5.43	5.32	5.37	5.24	5.35	5.21	5.31	5.18	5.29	5.19	5.29	5.18
180	5.72	5.72	5.68	5.62	5.53	5.53	5.52	5.53	5.52	5.55	5.53	5.55	5.52	5.55	5.52	5.54	5.54	5.56	5.55

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-06

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:221.31V I:0.2258A P:49.382W PF:0.9884 Freq:50.00Hz Lamp Flux:8682.38x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044G 50w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	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	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952
5	2024	2025	2025	2022	2022	2019	2017	2015	2012	2009	2004	1999	1995	1989	1982	1975	1969	1960	1952
10	2074	2074	2076	2073	2074	2072	2071	2069	2067	2064	2059	2053	2047	2039	2028	2018	2004	1987	1972
15	2093	2095	2101	2102	2109	2112	2118	2121	2124	2127	2126	2122	2118	2112	2099	2086	2068	2044	2019
20	2105	2108	2116	2118	2127	2134	2143	2152	2165	2178	2187	2193	2197	2196	2187	2175	2153	2123	2092
25	2128	2132	2139	2143	2153	2162	2176	2192	2210	2229	2248	2263	2278	2288	2288	2282	2260	2224	2186
30	2185	2187	2190	2191	2198	2208	2224	2245	2271	2300	2330	2362	2394	2424	2439	2446	2429	2387	2341
35	2309	2311	2308	2305	2303	2305	2311	2328	2357	2399	2448	2509	2568	2624	2652	2670	2657	2608	2559
40	2461	2462	2462	2458	2452	2448	2445	2453	2479	2532	2612	2710	2806	2902	2971	3020	3014	2958	2890
45	2506	2506	2509	2507	2518	2532	2552	2580	2619	2684	2780	2890	2971	3021	3049	3052	3019	2953	2874
50	2325	2322	2341	2350	2394	2436	2505	2581	2693	2841	3012	3123	3152	3149	3144	3143	3117	3043	2957
55	1788	1787	1838	1861	1949	2029	2166	2305	2525	2827	3153	3362	3465	3455	3367	3303	3235	3159	3095
60	847	832	898	941	1064	1165	1359	1557	1897	2385	2942	3336	3615	3741	3740	3620	3465	3353	3354
65	295	307	302	316	349	378	412	446	742	1250	2230	2921	3370	3739	3917	3987	3920	3761	3645
70	184	181	184	189	201	203	211	224	249	294	948	1771	2676	3103	3334	3553	3710	3724	3426
75	97.6	94.7	98.3	104	116	121	132	138	151	164	200	661	1339	1647	1956	2045	2212	2149	2019
80	45.7	45.5	46.5	47.0	49.0	50.4	56.6	60.8	69.2	75.2	88.5	110	190	356	514	553	641	672	586
85	10.9	10.6	11.4	11.3	12.3	12.4	14.2	14.7	17.1	18.1	22.8	27.3	37.0	43.7	54.0	57.8	60.7	56.8	41.9
90	0.31	0.23	0.21	0.30	0.21	0.26	0.55	0.39	0.27	0.32	0.76	0.40	0.45	0.62	0.69	0.83	0.90	1.64	1.61
95	0.23	0.23	0.25	0.24	0.25	0.26	0.28	0.30	0.32	0.30	0.46	0.58	0.88	1.13	1.41	1.59	1.76	2.69	2.78
100	0.35	0.25	0.36	0.26	0.40	0.31	0.45	0.39	0.55	0.62	0.98	1.31	1.81	2.22	2.65	3.00	3.24	4.35	4.47
105	0.59	0.50	0.61	0.55	0.69	0.65	0.79	0.79	1.01	1.24	1.77	2.32	2.97	3.52	4.08	4.49	4.81	5.86	5.95
110	1.01	0.94	1.04	1.00	1.15	1.14	1.29	1.35	1.68	2.06	2.70	3.33	4.06	4.60	5.21	5.62	6.02	6.91	6.98
115	1.55	1.49	1.61	1.57	1.70	1.70	1.89	2.03	2.44	2.90	3.57	4.17	4.81	5.24	5.84	6.25	6.74	7.40	7.49
120	2.14	2.06	2.18	2.16	2.27	2.24	2.48	2.67	3.13	3.53	4.15	4.56	5.05	5.46	6.02	6.53	6.87	7.40	7.56
125	2.66	2.57	2.67	2.57	2.70	2.68	2.94	3.12	3.55	3.86	4.36	4.66	5.04	5.47	5.95	6.51	6.79	7.09	7.30
130	2.98	2.84	2.92	2.84	2.97	2.96	3.24	3.38	3.78	4.00	4.40	4.66	5.04	5.47	5.88	6.37	6.57	6.57	6.79
135	3.08	2.95	3.05	2.95	3.14	3.17	3.45	3.55	3.93	4.06	4.41	4.67	4.99	5.46	5.69	6.10	6.23	6.08	6.29
140	3.16	3.03	3.14	3.10	3.30	3.33	3.59	3.66	3.99	4.17	4.46	4.67	4.91	5.34	5.49	5.80	5.89	5.70	5.88
145	3.29	3.18	3.32	3.26	3.46	3.48	3.73	3.85	4.10	4.18	4.48	4.67	4.88	5.17	5.25	5.55	5.60	5.40	5.60
150	3.47	3.38	3.51	3.45	3.64	3.64	3.89	3.92	4.18	4.23	4.50	4.67	4.87	5.06	5.21	5.40	5.43	5.26	5.40
155	3.73	3.62	3.75	3.67	3.83	3.85	4.05	4.06	4.32	4.34	4.58	4.67	4.89	5.06	5.20	5.33	5.40	5.27	5.33
160	4.06	3.98	4.07	4.00	4.16	4.16	4.30	4.30	4.49	4.50	4.75	4.74	4.96	5.07	5.18	5.31	5.40	5.28	5.29
165	4.47	4.36	4.47	4.37	4.52	4.46	4.63	4.58	4.76	4.74	4.93	4.89	5.07	5.07	5.24	5.33	5.41	5.35	5.29
170	4.88	4.76	4.89	4.80	4.91	4.85	4.96	4.91	5.05	5.00	5.16	5.10	5.25	5.19	5.35	5.34	5.49	5.48	5.34
175	5.30	5.17	5.28	5.19	5.29	5.19	5.32	5.23	5.35	5.27	5.40	5.33	5.44	5.37	5.50	5.45	5.63	5.68	5.53
180	5.57	5.54	5.54	5.54	5.55	5.54	5.56	5.55	5.56	5.55	5.56	5.54	5.57	5.56	5.57	5.60	5.74	5.71	5.69

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-06

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:221.31V I:0.2258A P:49.382W PF:0.9884 Freq:50.00Hz Lamp Flux:8682.38x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044G 50w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	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	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952
5	1943	1936	1925	1917	1907	1898	1889	1881	1873	1866	1859	1853	1848	1844	1842	1840	1840	1838	1841
10	1953	1934	1913	1891	1869	1848	1827	1805	1786	1767	1750	1735	1722	1711	1705	1698	1697	1694	1701
15	1990	1958	1922	1888	1849	1811	1772	1735	1700	1665	1635	1608	1585	1564	1553	1542	1541	1538	1547
20	2051	2009	1957	1906	1850	1793	1733	1676	1621	1567	1519	1474	1436	1405	1385	1369	1366	1364	1376
25	2133	2079	2011	1944	1867	1788	1705	1623	1542	1462	1390	1326	1275	1232	1206	1184	1181	1179	1195
30	2273	2200	2105	2009	1903	1798	1686	1574	1462	1355	1264	1185	1125	1078	1048	1027	1023	1024	1040
35	2477	2388	2267	2137	1986	1834	1680	1533	1393	1271	1170	1092	1035	1000	979	972	967	968	972
40	2773	2642	2471	2291	2094	1892	1690	1521	1372	1252	1164	1125	1100	1094	1085	1087	1082	1081	1074
45	2780	2666	2529	2379	2180	1964	1733	1543	1386	1293	1251	1231	1213	1207	1197	1198	1195	1192	1185
50	2866	2785	2690	2581	2379	2088	1771	1525	1386	1335	1305	1287	1274	1271	1268	1271	1271	1268	1261
55	3045	3025	2910	2727	2452	2067	1646	1394	1326	1275	1239	1212	1189	1157	1142	1121	1123	1118	1138
60	3327	3195	2994	2711	2322	1795	1275	1152	1094	1035	988	914	861	818	806	786	790	788	808
65	3459	3221	2904	2444	1868	1209	864	755	690	614	543	463	423	382	373	356	361	358	373
70	3195	2853	2424	1794	1065	458	343	261	222	182	173	158	153	152	159	159	161	160	157
75	1936	1633	1294	659	210	127	124	113	107	101	99.6	95.9	93.9	90.7	93.0	94.1	95.5	93.5	91.6
80	513	278	148	77.0	68.9	62.9	59.3	53.1	52.3	49.2	48.9	47.0	46.7	44.6	44.4	43.6	44.4	43.1	43.8
85	35.8	28.7	24.8	20.1	18.6	16.0	15.2	13.6	13.8	12.9	13.3	12.2	12.4	11.1	10.5	9.52	10.2	9.36	10.1
90	1.51	1.41	1.16	1.09	0.72	0.64	0.38	0.34	0.27	0.34	0.40	0.27	0.23	0.23	0.26	0.23	0.20	0.23	0.35
95	2.70	2.51	2.20	1.81	1.43	0.97	0.68	0.37	0.38	0.29	0.33	0.26	0.30	0.22	0.28	0.25	0.28	0.26	0.29
100	4.39	4.15	3.71	3.19	2.64	2.02	1.48	0.97	0.71	0.51	0.55	0.43	0.49	0.38	0.46	0.36	0.45	0.36	0.44
105	5.88	5.59	5.18	4.62	4.02	3.31	2.67	2.00	1.54	1.20	1.10	0.96	0.94	0.84	0.88	0.81	0.85	0.79	0.86
110	6.93	6.58	6.23	5.68	5.17	4.55	3.94	3.23	2.73	2.30	2.06	1.87	1.80	1.67	1.67	1.60	1.64	1.56	1.65
115	7.47	7.18	6.91	6.41	6.04	5.50	5.01	4.42	3.95	3.48	3.23	3.01	2.91	2.78	2.76	2.69	2.70	2.65	2.71
120	7.50	7.36	7.06	6.75	6.51	6.09	5.77	5.30	4.96	4.59	4.37	4.17	4.10	3.98	3.97	3.91	3.93	3.87	3.92
125	7.19	7.22	6.93	6.79	6.49	6.33	6.18	5.88	5.74	5.48	5.36	5.20	5.18	5.09	5.11	5.05	5.08	5.01	5.05
130	6.72	6.82	6.63	6.65	6.40	6.31	6.16	6.06	6.01	5.91	5.96	5.84	5.92	5.87	5.97	5.92	5.97	5.89	5.97
135	6.25	6.38	6.26	6.33	6.17	6.22	6.04	6.06	5.99	6.01	5.97	6.03	6.11	6.18	6.23	6.25	6.30	6.27	6.31
140	5.83	6.00	5.91	6.03	5.92	6.03	5.89	6.01	5.89	6.02	5.96	6.02	6.05	6.19	6.20	6.30	6.26	6.30	6.25
145	5.53	5.71	5.62	5.77	5.70	5.86	5.75	5.89	5.79	5.94	5.87	6.00	5.94	6.12	6.07	6.23	6.14	6.22	6.10
150	5.34	5.52	5.43	5.59	5.52	5.68	5.60	5.76	5.68	5.84	5.78	5.95	5.86	6.02	5.96	6.11	6.01	6.11	5.97
155	5.32	5.42	5.42	5.51	5.50	5.61	5.55	5.69	5.60	5.77	5.69	5.87	5.81	5.97	5.89	6.02	5.91	6.02	5.89
160	5.32	5.37	5.42	5.46	5.50	5.56	5.55	5.65	5.57	5.74	5.68	5.83	5.73	5.91	5.82	5.97	5.87	5.97	5.86
165	5.34	5.38	5.43	5.45	5.50	5.55	5.55	5.63	5.56	5.71	5.67	5.79	5.72	5.86	5.78	5.92	5.86	5.92	5.80
170	5.43	5.38	5.48	5.46	5.55	5.55	5.55	5.63	5.56	5.70	5.63	5.75	5.69	5.81	5.73	5.87	5.76	5.88	5.74
175	5.56	5.49	5.54	5.50	5.54	5.54	5.55	5.62	5.56	5.67	5.56	5.71	5.63	5.73	5.69	5.79	5.68	5.79	5.67
180	5.68	5.56	5.56	5.54	5.54	5.54	5.55	5.58	5.56	5.56	5.55	5.57	5.56	5.61	5.58	5.63	5.60	5.62	5.60

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-06

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:221.31V I:0.2258A P:49.382W PF:0.9884 Freq:50.00Hz Lamp Flux:8682.38x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 1.8		
SPEC.: AL6740044G 50w4000K With glass									DIM.: 42.5*19*9						SERIAL No.: 001		
MFR.: Americanlite									SUR.: 16.5*11.5						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	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952	1952				
5	1842	1845	1849	1855	1860	1868	1875	1884	1892	1900	1910	1919	1928	1936	1945				
10	1706	1716	1726	1741	1755	1772	1789	1809	1828	1847	1869	1889	1910	1930	1950				
15	1554	1570	1587	1612	1637	1668	1702	1739	1774	1807	1842	1874	1908	1937	1966				
20	1390	1416	1446	1486	1528	1576	1625	1676	1731	1783	1836	1884	1930	1969	2008				
25	1215	1251	1294	1352	1413	1483	1557	1632	1706	1778	1850	1915	1978	2028	2077				
30	1062	1100	1149	1216	1294	1386	1486	1589	1691	1790	1886	1973	2055	2120	2183				
35	983	1005	1045	1107	1190	1297	1422	1558	1697	1831	1961	2073	2178	2256	2331				
40	1075	1070	1079	1097	1156	1251	1377	1530	1701	1876	2048	2199	2338	2454	2556				
45	1186	1184	1194	1202	1228	1288	1415	1573	1757	1928	2096	2234	2367	2475	2567				
50	1256	1257	1265	1277	1296	1330	1421	1619	1866	2084	2258	2368	2471	2564	2662				
55	1149	1181	1206	1230	1257	1294	1345	1512	1833	2153	2403	2570	2677	2712	2776				
60	821	865	913	983	1028	1080	1129	1222	1579	2028	2397	2672	2873	2995	3027				
65	383	424	460	536	604	675	735	831	1001	1605	2171	2633	2970	3219	3410				
70	150	151	156	171	182	218	263	315	402	821	1529	2194	2652	2978	3209				
75	89.5	92.0	92.9	96.1	98.7	106	112	122	125	147	471	1089	1431	1766	1831				
80	43.8	45.0	44.5	46.2	46.3	49.1	49.2	54.8	57.3	62.7	70.4	119	237	397	447				
85	10.1	11.2	10.6	11.4	10.8	11.3	10.9	12.1	12.2	14.2	15.3	18.6	20.4	25.6	31.5				
90	0.24	0.20	0.29	0.23	0.26	0.24	0.30	0.38	0.49	0.69	0.88	1.11	1.28	1.38	1.48				
95	0.24	0.30	0.26	0.33	0.28	0.39	0.45	0.77	1.03	1.47	1.85	2.28	2.64	2.83	3.02				
100	0.37	0.48	0.43	0.54	0.52	0.79	1.05	1.55	2.03	2.62	3.20	3.78	4.31	4.64	4.88				
105	0.84	0.94	0.94	1.10	1.23	1.63	2.04	2.64	3.22	3.94	4.62	5.32	5.91	6.33	6.60				
110	1.65	1.77	1.82	2.03	2.29	2.74	3.24	3.87	4.46	5.17	5.88	6.64	7.25	7.68	7.87				
115	2.72	2.85	2.93	3.17	3.47	3.96	4.44	5.03	5.62	6.31	6.98	7.69	8.19	8.52	8.58				
120	3.92	4.03	4.14	4.37	4.64	5.08	5.52	6.08	6.60	7.25	7.72	8.21	8.54	8.66	8.72				
125	5.06	5.17	5.22	5.46	5.67	6.06	6.38	6.86	7.21	7.56	7.88	8.12	8.40	8.36	8.41				
130	5.91	6.03	6.03	6.24	6.34	6.66	6.84	7.03	7.29	7.43	7.69	7.69	7.79	7.71	7.80				
135	6.27	6.33	6.37	6.44	6.54	6.68	6.89	6.91	7.10	7.06	7.23	7.13	7.22	7.08	7.18				
140	6.34	6.31	6.35	6.36	6.54	6.50	6.68	6.62	6.78	6.69	6.83	6.71	6.75	6.56	6.65				
145	6.22	6.11	6.25	6.17	6.34	6.25	6.44	6.36	6.49	6.40	6.54	6.39	6.46	6.19	6.22				
150	6.09	6.00	6.10	6.03	6.14	6.05	6.22	6.13	6.27	6.18	6.28	6.18	6.22	6.00	6.00				
155	6.00	5.87	5.99	5.88	6.01	5.92	6.06	5.97	6.08	5.96	6.09	5.95	6.06	5.86	5.86				
160	5.94	5.86	5.93	5.85	5.93	5.82	5.93	5.83	5.94	5.83	5.94	5.78	5.89	5.71	5.76				
165	5.90	5.78	5.88	5.78	5.87	5.74	5.83	5.72	5.81	5.72	5.81	5.71	5.76	5.67	5.74				
170	5.85	5.74	5.85	5.72	5.82	5.69	5.80	5.67	5.76	5.63	5.75	5.64	5.73	5.66	5.73				
175	5.78	5.70	5.77	5.64	5.74	5.61	5.72	5.61	5.71	5.60	5.69	5.64	5.70	5.66	5.73				
180	5.61	5.59	5.62	5.58	5.61	5.58	5.60	5.60	5.62	5.60	5.64	5.63	5.66	5.65	5.73				

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-06

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: