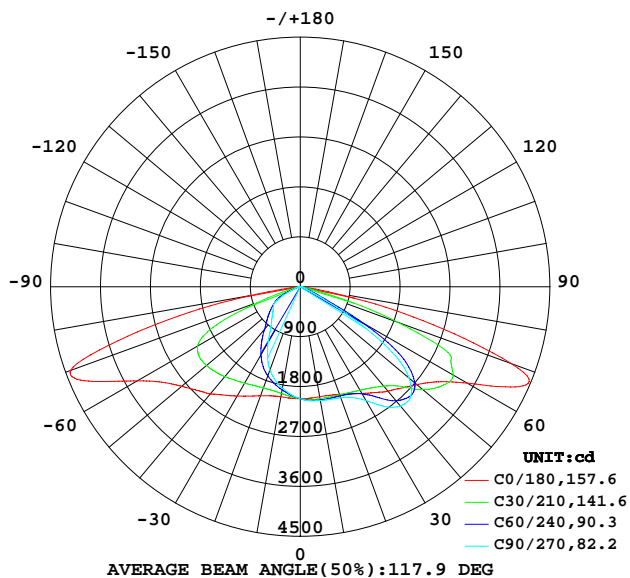
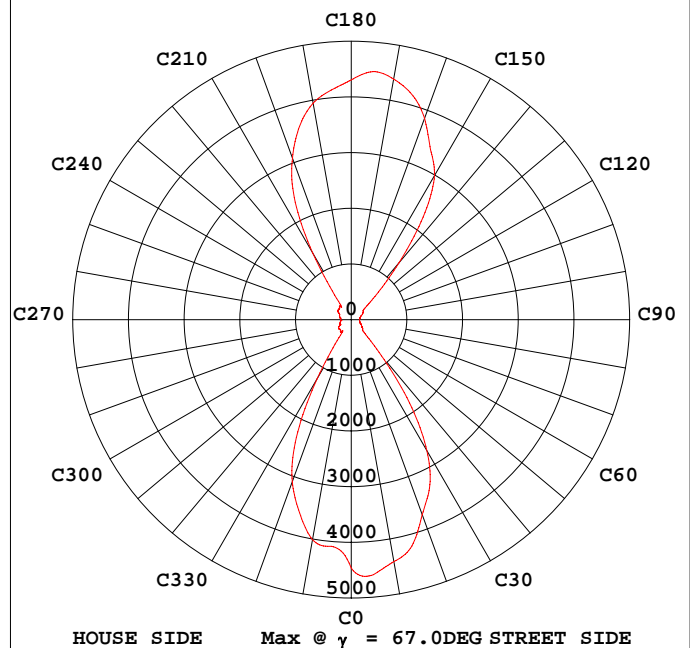


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.98V I:0.2279A P:48.963W PF:0.9723 Freq:50.00Hz Lamp Flux:8736.32x1 lm		
NAME:Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044 50w 4000K No glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 178.43 lm/W			
MODEL	50W4000K	I _{max} (cd)	4596	η street_up(%)	0.1
NOMINAL POWER(W)	50	LOR(%)	100.0	η street_down(%)	59.3
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	8736	η house_up(%)	0.2
NOMINAL FLUX(lm)	8736.32	MAXIMUM @(C,γ)	5,67.0	η house_down(%)	40.4
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	20.483

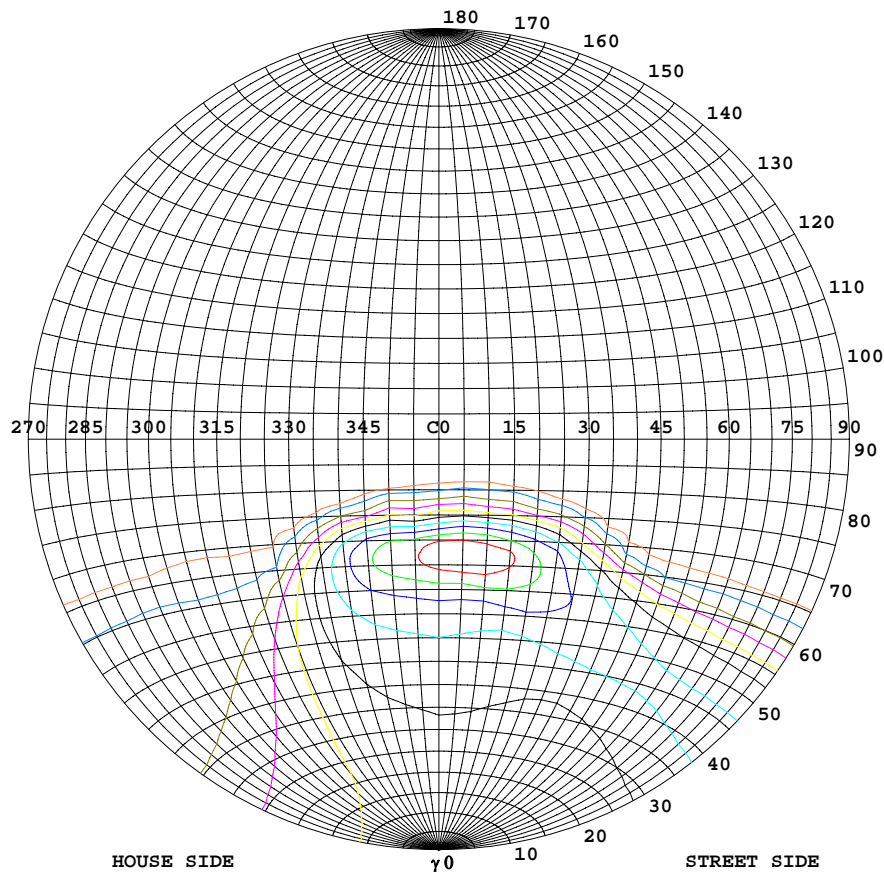
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-28

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:220.98V I:0.2279A P:48.963W PF:0.9723 Freq:50.00Hz Lamp Flux:8736.32x1 lm		
NAME:Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044 50w 4000K No glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:



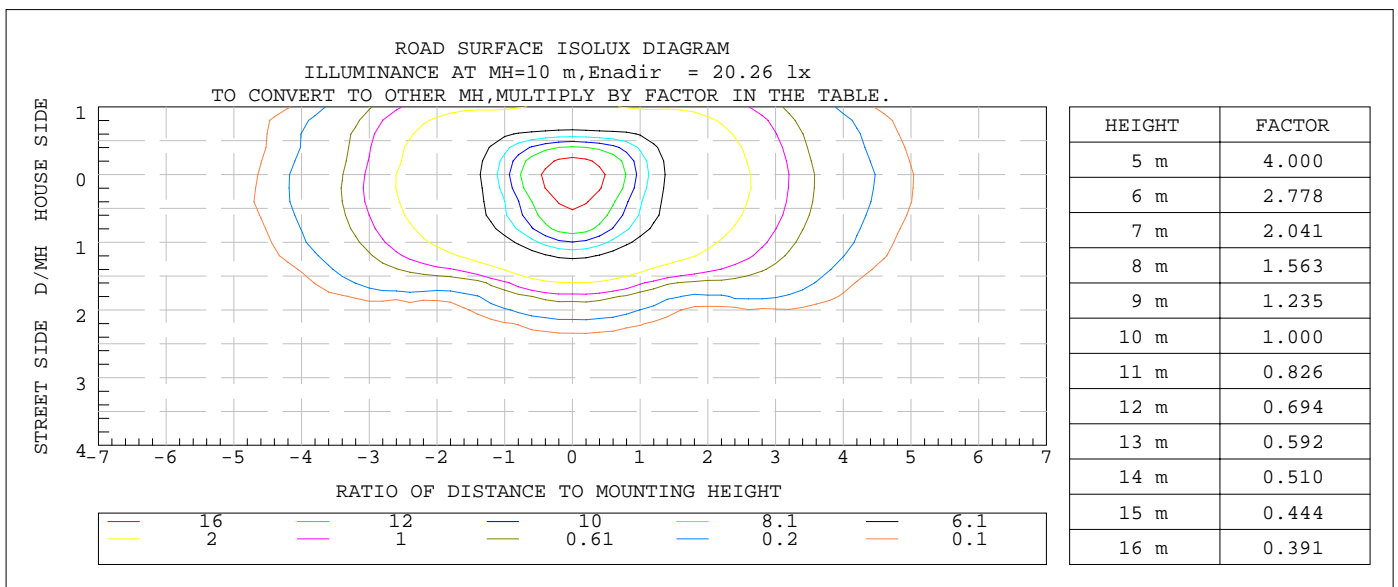
Classification:

IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:106.7cd/klm
Max.At90:0.8130cd/klm
Max.80-90:106.7cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	4596
90%	4136
80%	3677
70%	3217
60%	2757
50%	2298
40%	1838
30%	1379
20%	919
10%	460
5%	230

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-28

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: MEDIUM
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-28

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:220.98V I:0.2279A P:48.963W PF:0.9723 Freq:50.00Hz Lamp Flux:8736.32x1 lm		
NAME:Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044 50w 4000K No 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	2013	2064	2083	2066	2015	1919	1860	1921	0- 10	191.4	191.4	2.19,2.19
20	2067	2076	2130	2093	2093	1824	1600	1819	10- 20	559.6	751.0	8.6,8.6
30	2223	2154	2371	2194	2277	1721	1163	1702	20- 30	908.9	1660	19,19
40	2459	2499	2807	2523	2524	1518	805.6	1491	30- 40	1269	2929	33.5,33.5
50	2746	2876	2557	2909	2792	1117	640.0	1105	40- 50	1639	4568	52.3,52.3
60	3477	2218	865.1	2388	3395	613.2	470.3	578.8	50- 60	1827	6395	73.2,73.2
70	4042	196.0	113.7	219.7	4402	199.8	119.4	190.5	60- 70	1588	7983	91.4,91.4
80	425.3	38.87	27.50	51.22	898.3	38.09	27.50	33.16	70- 80	696.4	8680	99.4,99.4
90	1.154	0.2151	0.1958	0.4874	2.472	0.3411	0.2233	0.3039	80- 90	33.21	8713	99.7,99.7
100	4.361	0.4401	0.1886	0.4422	4.520	0.9617	0.3254	1.165	90-100	1.132	8714	99.7,99.7
110	6.878	1.259	0.6062	1.324	7.208	3.259	1.495	3.355	100-110	2.579	8717	99.8,99.8
120	7.489	2.410	1.181	2.543	7.466	5.367	3.917	5.510	110-120	3.904	8721	99.8,99.8
130	6.676	3.351	1.728	3.309	6.304	5.997	6.162	6.539	120-130	4.354	8725	99.9,99.9
140	5.787	4.019	2.398	3.686	5.399	5.861	6.464	6.291	130-140	3.929	8729	99.9,99.9
150	5.379	4.469	3.299	4.168	5.145	5.620	5.994	5.818	140-150	3.137	8732	100,100
160	5.308	4.836	4.191	4.631	5.170	5.453	5.670	5.586	150-160	2.341	8734	100,100
170	5.357	5.233	5.008	5.145	5.420	5.478	5.596	5.537	160-170	1.483	8736	100,100
180	5.650	5.547	5.533	5.544	5.619	5.536	5.575	5.533	170-180	0.5213	8736	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

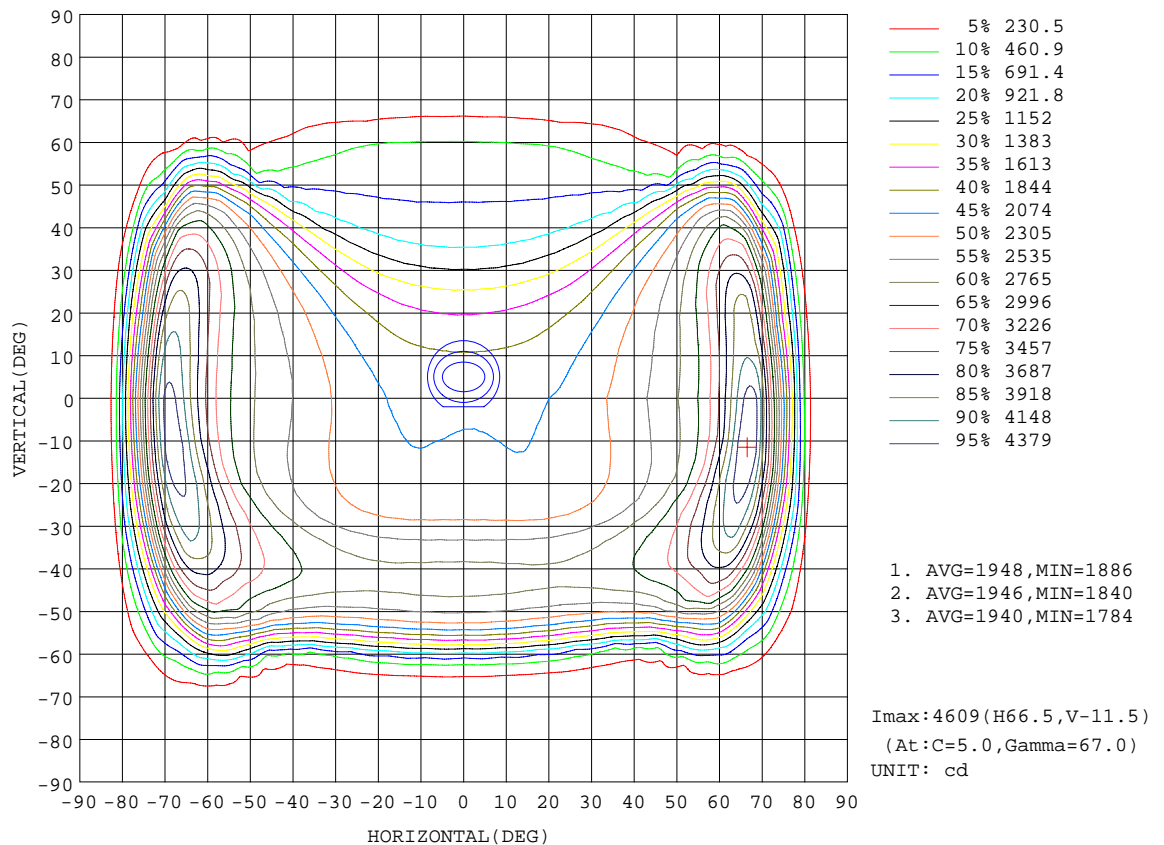
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-28

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:220.98V I:0.2279A P:48.963W PF:0.9723 Freq:50.00Hz
Lamp Flux:8736.32x1 lm

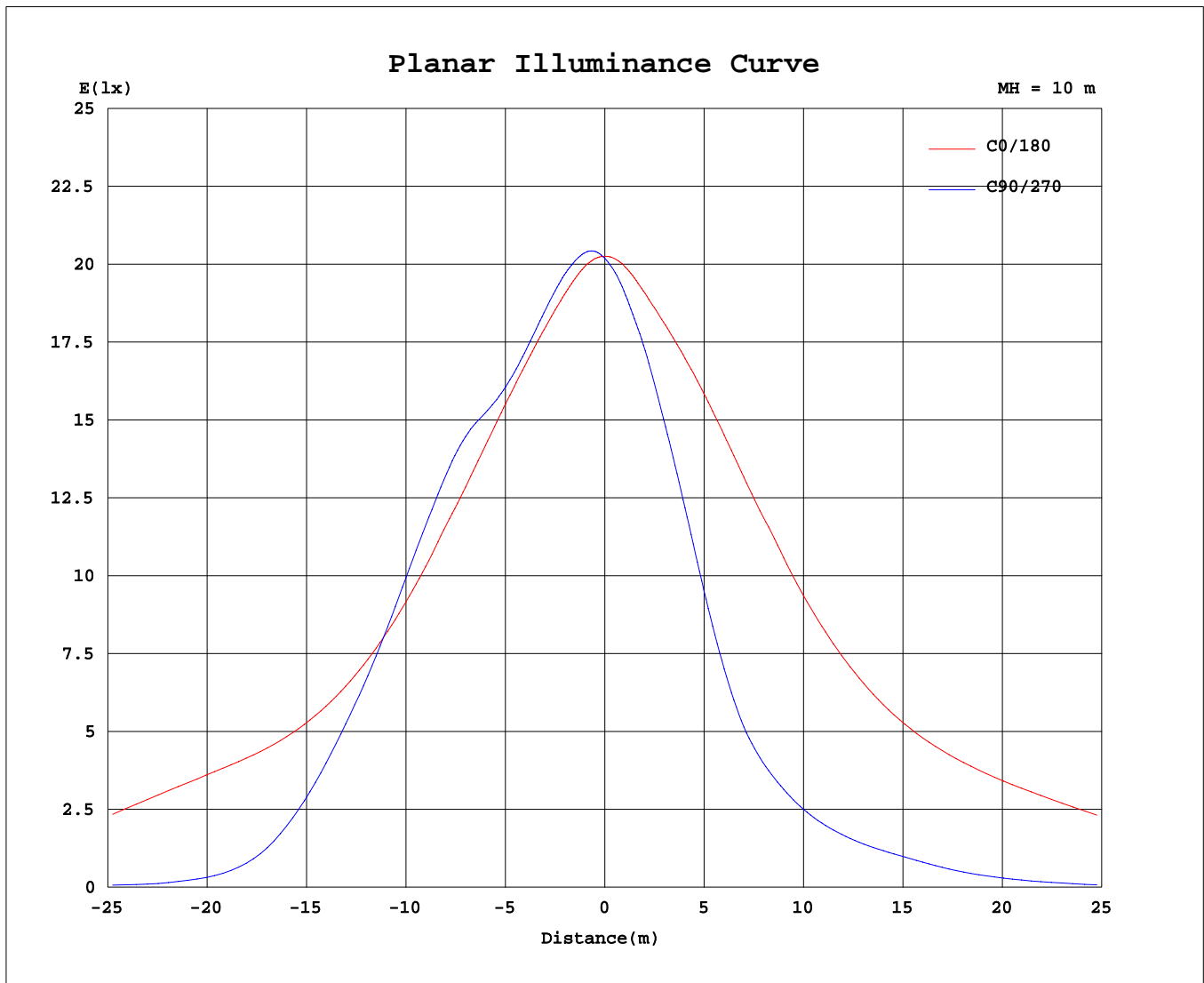
NAME:Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044 50w 4000K No glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-28

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



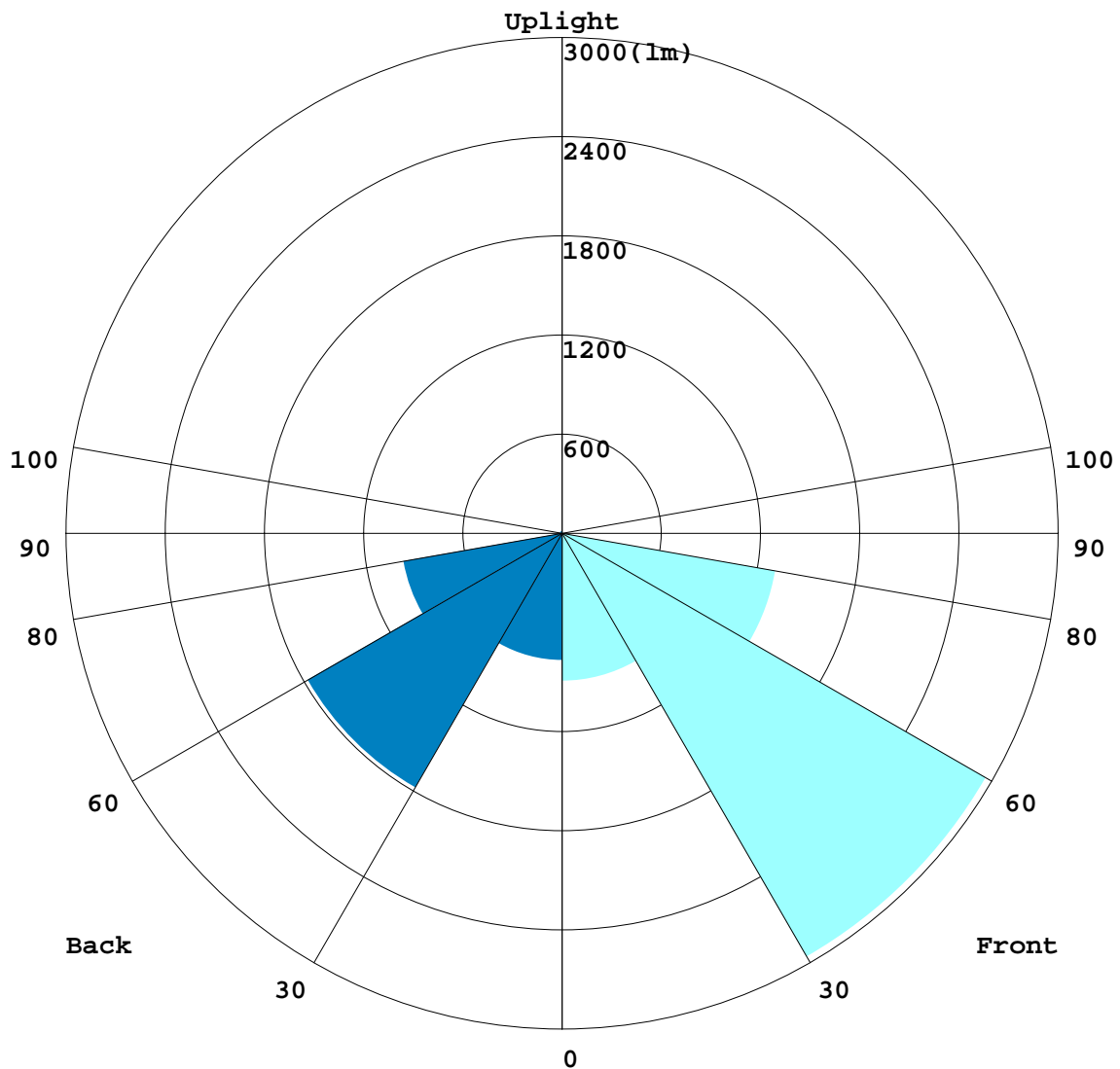
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-28

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:220.98V I:0.2279A P:48.963W PF:0.9723 Freq:50.00Hz Lamp Flux:8736.32x1 lm		
NAME:Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044 50w 4000K No 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: MEDIUM
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-28

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:220.98V I:0.2279A P:48.963W PF:0.9723 Freq:50.00Hz
Lamp Flux:8736.32x1 lm

NAME:Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044 50w 4000K No 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)	892.62	10.2
FM - Front-Medium(30-60)	2958.1	33.9
FH - Front-High(60-80)	1310.5	15.0
FVH - Front-Very High(80-90)	19.639	0.2
Total Forward Light	5190.3	59.4

BL - Back-Low(0-30)	767.3	8.8
BM - Back-Medium(30-60)	1776.9	20.3
BH - Back-High(60-80)	974.3	11.2
BVH - Back-Very High(80-90)	13.568	0.2
Total Back Light	3546	40.6

UL - Uplight-Low(90-100)	1.1323	0.0
UH - Uplight-High(100-180)	22.249	0.3
Total Up Light	23.381	0.3

BUG(Back,Up,Glare) Rating	B2-U2-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	3532.1	13.895	3546
Street Side	5180.9	9.4866	5190.3

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-28

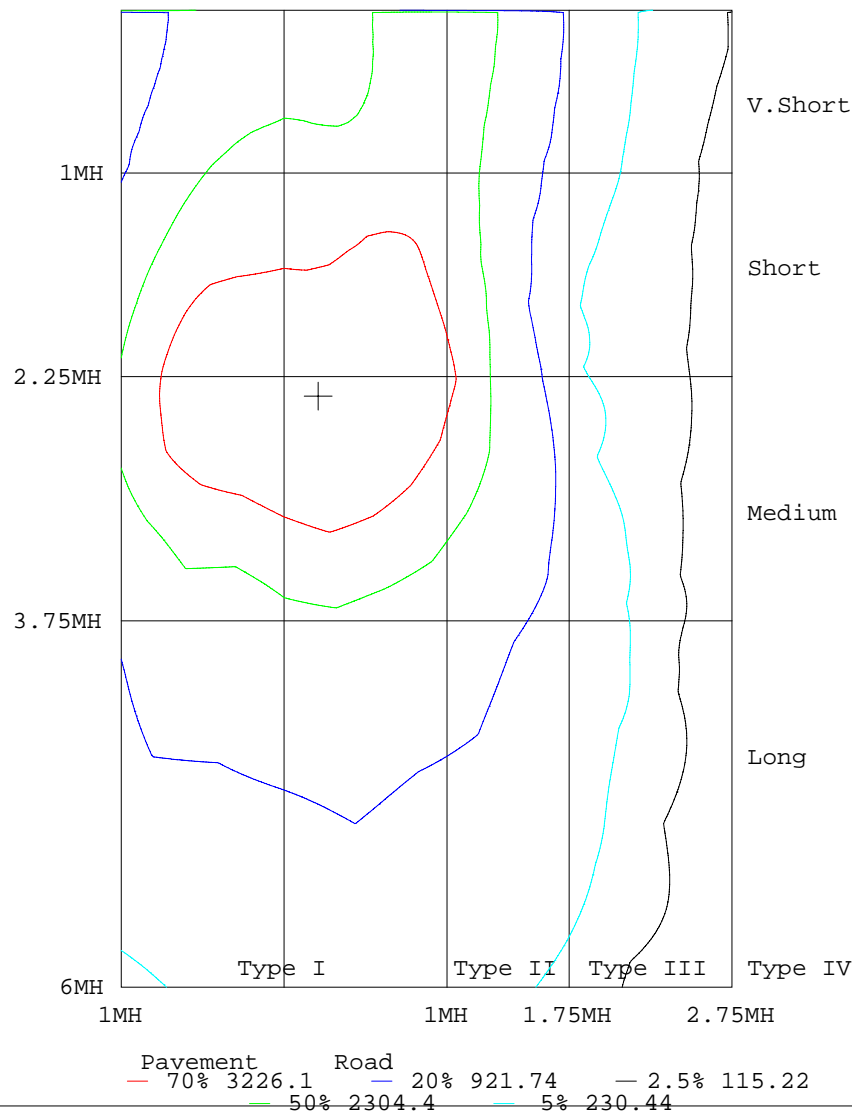
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:220.98V I:0.2279A P:48.963W PF:0.9723 Freq:50.00Hz
Lamp Flux:8736.32x1 lm

NAME:Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044 50w 4000K No 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: MEDIUM
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-28

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:220.98V I:0.2279A P:48.963W PF:0.9723 Freq:50.00Hz Lamp Flux:8736.32x1 lm																		
NAME:Skylite									TYPE: LED					WEIGHT: 1.8				
SPEC.: AL6740044 50w 4000K No 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	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
5	2017	2021	2026	2030	2034	2038	2042	2046	2049	2053	2054	2056	2057	2061	2061	2063	2063	2064	2064
10	2013	2021	2028	2034	2040	2044	2050	2054	2059	2064	2067	2072	2072	2077	2079	2083	2082	2084	2083
15	2027	2036	2042	2047	2051	2054	2057	2060	2063	2068	2072	2078	2082	2088	2091	2097	2098	2100	2100
20	2067	2074	2078	2079	2080	2077	2075	2074	2073	2076	2079	2087	2094	2105	2112	2120	2126	2129	2130
25	2134	2140	2139	2132	2124	2114	2105	2100	2099	2101	2108	2119	2133	2150	2166	2181	2193	2199	2204
30	2223	2222	2215	2198	2183	2165	2154	2146	2146	2154	2172	2196	2229	2262	2298	2326	2351	2361	2371
35	2330	2321	2306	2281	2259	2236	2227	2223	2237	2266	2316	2368	2435	2491	2546	2579	2610	2623	2632
40	2459	2445	2424	2390	2363	2338	2339	2359	2420	2499	2582	2637	2682	2719	2749	2773	2792	2800	2807
45	2583	2563	2536	2498	2480	2478	2539	2637	2721	2756	2776	2785	2791	2802	2805	2810	2806	2812	2811
50	2746	2719	2685	2659	2685	2790	2886	2910	2908	2876	2824	2765	2694	2653	2606	2589	2565	2565	2557
55	2992	2962	2941	2992	3135	3143	3116	3046	2916	2745	2557	2417	2279	2193	2090	2046	1983	1976	1949
60	3477	3459	3581	3629	3557	3399	3183	2884	2564	2218	1815	1559	1322	1201	1041	982	901	895	865
65	4274	4410	4365	4154	3844	3366	3002	2356	1526	931	436	387	348	329	294	268	255	253	250
70	4042	4118	3967	3665	3312	2745	1854	946	283	196	163	144	129	120	112	111	112	115	114
75	2109	2219	2053	1882	1433	1018	460	156	119	103	87.0	77.9	67.9	63.1	58.6	59.4	59.4	61.0	60.0
80	425	560	466	363	213	105	80.1	58.8	46.5	38.9	33.6	32.3	29.6	28.0	27.0	28.4	28.2	28.4	27.5
85	11.8	13.3	12.8	16.8	15.1	15.2	10.4	8.71	5.92	5.38	3.97	3.90	3.23	3.47	3.03	3.39	2.97	3.48	3.16
90	1.15	1.07	0.89	0.77	0.55	0.44	0.33	0.26	0.26	0.22	0.22	0.31	0.23	0.23	0.21	0.17	0.19	0.23	0.20
95	2.58	2.38	2.10	1.74	1.32	1.01	0.61	0.45	0.28	0.27	0.24	0.26	0.24	0.23	0.21	0.22	0.20	0.21	0.19
100	4.36	4.10	3.63	3.08	2.45	1.88	1.30	0.93	0.52	0.44	0.28	0.37	0.24	0.34	0.23	0.31	0.21	0.29	0.19
105	5.89	5.64	5.13	4.48	3.64	2.90	2.14	1.57	1.02	0.79	0.51	0.54	0.45	0.49	0.44	0.48	0.37	0.46	0.37
110	6.88	6.67	6.13	5.47	4.62	3.79	2.94	2.29	1.64	1.26	0.88	0.84	0.67	0.74	0.65	0.71	0.64	0.69	0.61
115	7.42	7.24	6.79	6.20	5.35	4.60	3.74	3.05	2.31	1.84	1.36	1.20	0.99	1.05	0.92	0.99	0.89	0.99	0.87
120	7.49	7.33	6.98	6.51	5.88	5.25	4.41	3.70	2.93	2.41	1.86	1.62	1.35	1.35	1.21	1.28	1.18	1.27	1.18
125	7.20	6.99	6.89	6.43	5.99	5.46	4.80	4.22	3.42	2.93	2.36	2.09	1.76	1.70	1.53	1.58	1.48	1.57	1.48
130	6.68	6.49	6.41	6.07	5.87	5.34	4.89	4.44	3.82	3.35	2.80	2.53	2.15	2.07	1.85	1.89	1.75	1.84	1.73
135	6.16	5.98	5.99	5.71	5.61	5.22	4.90	4.59	4.08	3.71	3.20	2.94	2.56	2.45	2.20	2.21	2.04	2.13	2.02
140	5.79	5.62	5.66	5.47	5.45	5.18	4.90	4.68	4.26	4.02	3.56	3.34	2.98	2.86	2.61	2.59	2.41	2.49	2.40
145	5.55	5.38	5.46	5.34	5.34	5.17	4.91	4.77	4.42	4.26	3.89	3.71	3.38	3.29	3.04	3.03	2.86	2.91	2.82
150	5.38	5.31	5.38	5.33	5.29	5.18	4.95	4.86	4.57	4.47	4.18	4.07	3.82	3.70	3.47	3.48	3.32	3.39	3.30
155	5.32	5.31	5.35	5.33	5.30	5.22	5.00	4.98	4.71	4.68	4.45	4.37	4.17	4.12	3.92	3.95	3.81	3.87	3.76
160	5.31	5.33	5.36	5.37	5.30	5.26	5.11	5.07	4.84	4.84	4.65	4.64	4.49	4.49	4.32	4.37	4.22	4.31	4.19
165	5.31	5.40	5.37	5.41	5.31	5.32	5.17	5.18	4.99	5.03	4.85	4.92	4.78	4.82	4.68	4.76	4.66	4.72	4.62
170	5.36	5.53	5.42	5.47	5.34	5.37	5.21	5.30	5.18	5.23	5.13	5.17	5.04	5.12	5.00	5.12	5.01	5.09	5.01
175	5.50	5.62	5.50	5.53	5.45	5.48	5.36	5.44	5.35	5.41	5.32	5.40	5.31	5.39	5.31	5.41	5.28	5.39	5.30
180	5.65	5.67	5.55	5.55	5.50	5.54	5.52	5.53	5.53	5.55	5.53	5.54	5.51	5.55	5.52	5.55	5.55	5.56	5.53

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-28

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:220.98V I:0.2279A P:48.963W PF:0.9723 Freq:50.00Hz Lamp Flux:8736.32x1 lm		
NAME:Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044 50w 4000K No 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	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
5	2065	2063	2064	2061	2061	2059	2058	2055	2053	2051	2047	2043	2040	2035	2032	2026	2022	2018	2012
10	2085	2082	2082	2079	2078	2073	2073	2068	2066	2062	2058	2054	2050	2044	2038	2031	2025	2015	2007
15	2101	2098	2096	2092	2089	2084	2082	2078	2075	2072	2070	2069	2069	2066	2063	2059	2051	2037	2027
20	2129	2126	2122	2115	2109	2101	2097	2093	2093	2094	2097	2101	2107	2111	2113	2113	2109	2093	2082
25	2201	2196	2186	2173	2159	2148	2137	2131	2129	2132	2137	2148	2159	2173	2183	2192	2192	2176	2164
30	2362	2353	2330	2308	2275	2249	2222	2206	2194	2192	2196	2209	2225	2244	2263	2280	2288	2277	2266
35	2624	2614	2584	2551	2499	2451	2394	2350	2308	2291	2285	2294	2308	2332	2353	2378	2394	2386	2379
40	2805	2799	2782	2762	2732	2700	2652	2598	2523	2464	2421	2414	2421	2446	2473	2506	2528	2524	2519
45	2820	2819	2825	2821	2821	2816	2810	2800	2779	2742	2664	2597	2564	2571	2587	2616	2641	2640	2637
50	2575	2581	2615	2637	2689	2740	2807	2859	2909	2939	2939	2912	2825	2758	2744	2766	2792	2792	2792
55	1986	2001	2083	2146	2260	2355	2497	2640	2825	2989	3099	3158	3174	3143	3025	2999	3013	3008	3009
60	911	934	1040	1120	1296	1454	1724	2008	2388	2689	3009	3279	3439	3560	3586	3505	3434	3395	3391
65	257	266	286	312	359	383	445	660	1246	1884	2672	3078	3472	3878	4096	4235	4188	4047	3959
70	115	112	113	117	129	138	159	180	220	425	1416	2320	3137	3547	3996	4220	4454	4402	4144
75	61.6	60.8	62.4	64.2	71.4	78.5	90.2	102	123	147	238	854	1521	2033	2460	2689	2855	2853	2541
80	28.7	29.0	30.1	29.5	32.1	35.0	39.9	43.1	51.2	63.3	86.2	122	206	373	681	767	932	898	701
85	4.03	3.88	4.90	4.91	6.23	6.49	8.27	9.13	11.8	14.2	20.7	28.7	40.8	47.2	54.7	48.8	47.0	40.4	35.7
90	0.24	0.22	0.19	0.23	0.35	0.27	0.27	0.34	0.49	0.43	0.51	0.57	0.82	0.93	1.33	2.03	7.10	2.47	2.32
95	0.21	0.21	0.21	0.23	0.25	0.25	0.28	0.28	0.31	0.34	0.47	0.63	1.02	1.32	1.66	2.52	7.38	2.69	2.76
100	0.29	0.23	0.32	0.24	0.34	0.26	0.38	0.30	0.44	0.54	1.01	1.46	2.05	2.57	3.10	4.09	6.98	4.52	4.58
105	0.46	0.39	0.47	0.43	0.51	0.45	0.57	0.50	0.79	1.13	1.79	2.47	3.24	3.95	4.63	5.57	7.38	6.15	6.19
110	0.70	0.64	0.71	0.64	0.77	0.68	0.83	0.89	1.32	1.82	2.61	3.37	4.28	4.95	5.69	6.59	8.29	7.21	7.18
115	0.97	0.89	0.98	0.92	1.05	0.99	1.21	1.38	1.94	2.52	3.34	4.10	4.90	5.47	6.11	7.10	8.55	7.57	7.59
120	1.27	1.18	1.28	1.21	1.35	1.35	1.65	1.94	2.54	3.10	3.88	4.43	4.96	5.55	6.12	7.22	8.53	7.47	7.63
125	1.57	1.49	1.61	1.53	1.69	1.76	2.13	2.46	3.01	3.40	4.02	4.44	4.86	5.50	5.96	6.97	8.47	6.97	7.10
130	1.85	1.75	1.89	1.88	2.07	2.18	2.57	2.83	3.31	3.57	4.06	4.45	4.81	5.42	5.74	6.61	9.28	6.30	6.47
135	2.14	2.08	2.24	2.22	2.47	2.60	2.95	3.13	3.51	3.68	4.14	4.45	4.81	5.29	5.53	5.89	9.98	5.75	5.95
140	2.52	2.46	2.62	2.63	2.86	2.94	3.25	3.36	3.69	3.86	4.24	4.46	4.81	5.16	5.28	5.79	8.15	5.40	5.58
145	2.93	2.88	3.04	3.03	3.24	3.28	3.54	3.61	3.93	4.03	4.36	4.51	4.81	5.06	5.11	5.37	5.48	5.17	5.34
150	3.39	3.33	3.47	3.41	3.60	3.63	3.81	3.89	4.17	4.22	4.50	4.58	4.85	5.01	5.10	5.37	5.30	5.15	5.20
155	3.82	3.77	3.91	3.84	3.99	3.98	4.17	4.18	4.40	4.41	4.65	4.68	4.91	5.01	5.11	5.21	5.36	5.14	5.15
160	4.29	4.20	4.31	4.23	4.36	4.30	4.47	4.44	4.63	4.66	4.81	4.81	4.98	5.01	5.14	5.21	5.26	5.17	5.15
165	4.71	4.62	4.71	4.63	4.73	4.66	4.80	4.73	4.89	4.84	5.00	4.94	5.09	5.04	5.21	5.22	5.33	5.27	5.18
170	5.09	4.98	5.08	4.99	5.07	5.00	5.11	5.02	5.14	5.07	5.19	5.11	5.25	5.19	5.32	5.42	5.44	5.42	5.34
175	5.38	5.30	5.36	5.28	5.36	5.27	5.36	5.28	5.39	5.30	5.38	5.32	5.43	5.35	5.47	5.59	7.48	5.60	5.45
180	5.56	5.51	5.56	5.53	5.56	5.51	5.54	5.47	5.54	5.45	5.54	5.47	5.56	5.50	5.56	5.69	7.39	5.62	5.60

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-28

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:220.98V I:0.2279A P:48.963W PF:0.9723 Freq:50.00Hz Lamp Flux:8736.32x1 lm		
NAME:Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740044 50w 4000K No 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	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019
5	2008	2002	1998	1992	1987	1982	1978	1973	1969	1964	1961	1957	1956	1953	1951	1950	1950	1950	1951
10	1997	1988	1978	1966	1954	1942	1930	1919	1908	1897	1888	1879	1872	1866	1861	1859	1860	1860	1864
15	2013	1998	1978	1958	1937	1916	1893	1871	1850	1827	1808	1788	1774	1761	1751	1745	1745	1746	1754
20	2062	2040	2010	1980	1943	1905	1864	1824	1784	1745	1711	1678	1652	1628	1612	1599	1600	1602	1615
25	2139	2110	2070	2024	1966	1908	1845	1779	1714	1647	1588	1532	1487	1446	1422	1401	1401	1404	1425
30	2239	2204	2152	2087	2010	1923	1826	1721	1617	1512	1420	1335	1274	1219	1188	1164	1163	1166	1191
35	2351	2309	2243	2163	2056	1932	1788	1632	1478	1333	1215	1114	1044	987	957	937	936	939	963
40	2485	2435	2358	2255	2117	1944	1739	1518	1311	1133	1005	915	867	834	816	805	806	809	822
45	2605	2556	2470	2347	2168	1934	1654	1354	1105	937	849	791	755	728	715	708	708	709	719
50	2759	2707	2605	2445	2208	1889	1500	1117	899	792	728	683	660	645	641	638	640	638	642
55	2971	2909	2770	2545	2216	1760	1221	851	728	652	613	595	588	590	592	596	595	594	589
60	3328	3215	2982	2626	2137	1429	774	613	551	519	511	512	509	494	482	472	470	468	476
65	3810	3558	3113	2565	1737	640	417	375	364	364	359	324	304	289	283	272	271	269	277
70	3856	3420	2850	1899	763	237	219	200	205	184	144	127	118	111	116	117	119	117	115
75	2451	1808	1285	522	143	119	110	92.1	84.8	74.0	67.5	59.2	57.2	52.5	51.8	49.0	48.9	49.6	51.4
80	538	254	90.8	70.6	61.0	54.5	40.8	38.1	39.2	35.0	32.1	30.5	30.5	30.3	29.3	27.1	27.5	26.8	28.5
85	33.2	27.6	24.5	20.1	16.7	12.0	9.75	8.15	8.25	7.62	7.27	5.60	5.52	4.15	3.73	2.75	2.82	2.42	2.85
90	2.28	1.93	1.61	1.27	0.92	0.65	0.46	0.34	0.28	0.27	0.20	0.22	0.19	0.20	0.17	0.19	0.22	0.19	0.18
95	2.65	2.47	2.15	1.74	1.36	0.92	0.65	0.32	0.30	0.28	0.26	0.21	0.23	0.19	0.21	0.18	0.21	0.19	0.21
100	4.47	4.20	3.73	3.18	2.61	2.00	1.48	0.96	0.68	0.43	0.44	0.31	0.37	0.30	0.35	0.28	0.33	0.25	0.35
105	6.04	5.70	5.26	4.62	3.98	3.26	2.65	2.05	1.57	1.16	1.01	0.83	0.82	0.70	0.73	0.64	0.71	0.65	0.75
110	7.10	6.70	6.29	5.69	5.12	4.47	3.90	3.26	2.75	2.29	2.01	1.77	1.67	1.55	1.53	1.47	1.50	1.46	1.55
115	7.50	7.20	6.92	6.41	6.02	5.48	5.01	4.46	4.00	3.51	3.23	2.98	2.84	2.70	2.66	2.59	2.61	2.60	2.66
120	7.44	7.33	6.97	6.65	6.34	6.02	5.79	5.37	5.06	4.69	4.46	4.24	4.11	3.99	3.96	3.90	3.92	3.89	3.95
125	6.96	6.98	6.72	6.63	6.33	6.17	6.00	5.85	5.82	5.59	5.54	5.36	5.31	5.20	5.21	5.16	5.18	5.15	5.19
130	6.37	6.43	6.31	6.32	6.15	6.13	5.99	6.00	6.01	5.97	6.10	6.02	6.10	6.05	6.14	6.09	6.16	6.08	6.15
135	5.88	6.04	5.92	6.03	5.88	5.97	5.86	6.00	5.93	6.02	6.13	6.19	6.29	6.34	6.41	6.48	6.49	6.49	6.51
140	5.53	5.68	5.62	5.78	5.66	5.79	5.71	5.86	5.83	6.01	6.00	6.18	6.21	6.35	6.39	6.50	6.46	6.53	6.42
145	5.25	5.41	5.34	5.54	5.49	5.62	5.55	5.75	5.68	5.87	5.85	6.06	6.03	6.23	6.17	6.33	6.20	6.35	6.19
150	5.16	5.26	5.21	5.37	5.31	5.48	5.47	5.62	5.58	5.76	5.70	5.92	5.84	6.03	5.95	6.10	5.99	6.10	5.96
155	5.16	5.20	5.22	5.29	5.30	5.38	5.37	5.52	5.52	5.65	5.59	5.79	5.72	5.87	5.80	5.92	5.83	5.92	5.78
160	5.17	5.21	5.24	5.28	5.29	5.34	5.37	5.45	5.48	5.56	5.53	5.65	5.59	5.74	5.66	5.78	5.67	5.77	5.65
165	5.26	5.22	5.30	5.29	5.34	5.35	5.42	5.46	5.49	5.52	5.53	5.62	5.55	5.66	5.58	5.67	5.61	5.69	5.58
170	5.37	5.29	5.38	5.30	5.42	5.36	5.46	5.48	5.52	5.52	5.54	5.59	5.55	5.63	5.58	5.64	5.60	5.64	5.58
175	5.50	5.39	5.50	5.40	5.50	5.50	5.52	5.52	5.53	5.52	5.54	5.59	5.55	5.62	5.57	5.62	5.58	5.63	5.57
180	5.60	5.51	5.53	5.51	5.54	5.53	5.54	5.54	5.53	5.53	5.55	5.58	5.55	5.61	5.57	5.60	5.57	5.59	5.58

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-28

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:220.98V I:0.2279A P:48.963W PF:0.9723 Freq:50.00Hz Lamp Flux:8736.32x1 lm																	
NAME:Skylite									TYPE: LED						WEIGHT: 1.8		
SPEC.: AL6740044 50w 4000K No 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	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019	2019				
5	1953	1955	1957	1961	1966	1970	1975	1980	1983	1989	1994	1998	2004	2007	2012				
10	1868	1875	1881	1891	1900	1911	1921	1932	1943	1957	1967	1978	1988	1997	2004				
15	1764	1778	1792	1811	1830	1851	1872	1892	1912	1933	1952	1970	1988	2002	2015				
20	1632	1656	1681	1714	1746	1782	1819	1856	1891	1927	1959	1988	2014	2034	2053				
25	1450	1491	1533	1590	1646	1707	1767	1826	1882	1937	1987	2029	2067	2092	2117				
30	1222	1277	1338	1422	1509	1608	1702	1795	1883	1963	2036	2095	2148	2180	2207				
35	994	1049	1120	1219	1331	1467	1606	1750	1882	1999	2101	2180	2245	2287	2315				
40	841	875	924	1011	1134	1303	1491	1695	1887	2054	2189	2288	2366	2415	2447				
45	733	759	794	854	939	1099	1331	1611	1876	2102	2280	2402	2489	2539	2570				
50	645	659	682	727	790	898	1105	1461	1833	2145	2381	2541	2647	2699	2731				
55	585	582	588	603	640	717	842	1193	1697	2145	2483	2714	2865	2932	2970				
60	483	496	498	495	500	524	579	739	1361	2060	2568	2954	3220	3342	3420				
65	280	291	309	340	342	339	344	375	543	1627	2528	3109	3602	3912	4042				
70	108	113	123	139	175	195	191	207	216	651	1650	2670	3306	3646	3731				
75	51.1	53.1	55.6	65.6	72.5	85.9	91.7	101	107	123	309	921	1286	1880	1793				
80	28.9	28.4	27.8	28.5	31.1	34.5	33.2	35.0	41.2	47.3	58.2	75.6	139	289	341				
85	2.82	3.57	3.10	3.94	3.67	4.40	4.38	5.27	6.00	7.58	8.98	12.4	14.1	17.6	13.0				
90	0.21	0.25	0.19	0.23	0.23	0.31	0.30	0.36	0.49	0.72	1.13	1.18	1.36	1.51	1.70				
95	0.20	0.23	0.22	0.25	0.22	0.35	0.48	0.81	1.15	1.62	2.03	2.48	2.83	3.07	3.30				
100	0.27	0.39	0.33	0.47	0.51	0.84	1.16	1.70	2.20	2.83	3.44	4.07	4.56	4.88	5.19				
105	0.71	0.85	0.89	1.10	1.32	1.77	2.21	2.80	3.39	4.12	4.78	5.47	6.00	6.43	6.77				
110	1.57	1.73	1.85	2.12	2.43	2.90	3.36	3.99	4.54	5.22	5.85	6.55	7.04	7.48	7.79				
115	2.71	2.87	3.03	3.32	3.61	4.09	4.50	5.07	5.59	6.23	6.75	7.34	7.68	7.95	8.23				
120	3.98	4.13	4.26	4.52	4.78	5.15	5.51	6.03	6.43	6.94	7.26	7.55	7.80	7.88	8.21				
125	5.21	5.31	5.39	5.61	5.75	6.06	6.26	6.56	6.78	7.02	7.25	7.29	7.42	7.36	7.70				
130	6.09	6.20	6.17	6.33	6.32	6.48	6.54	6.60	6.81	6.76	6.88	6.72	6.79	6.70	7.11				
135	6.44	6.43	6.43	6.43	6.46	6.45	6.54	6.42	6.51	6.38	6.46	6.26	6.30	6.17	6.69				
140	6.46	6.37	6.42	6.33	6.39	6.23	6.29	6.12	6.19	6.04	6.11	5.93	5.96	5.80	6.44				
145	6.26	6.09	6.19	6.03	6.13	6.01	6.05	5.87	5.95	5.78	5.85	5.70	5.75	5.62	6.31				
150	6.03	5.86	5.95	5.80	5.88	5.75	5.82	5.69	5.77	5.61	5.68	5.54	5.63	5.61	6.30				
155	5.87	5.70	5.81	5.67	5.73	5.57	5.68	5.53	5.64	5.52	5.59	5.50	5.56	5.60	6.33				
160	5.73	5.58	5.68	5.55	5.65	5.53	5.59	5.50	5.55	5.50	5.54	5.50	5.53	5.60	6.52				
165	5.65	5.56	5.63	5.55	5.58	5.53	5.54	5.51	5.52	5.51	5.52	5.50	5.51	5.64	6.71				
170	5.62	5.56	5.59	5.55	5.57	5.53	5.54	5.52	5.50	5.51	5.51	5.51	5.51	5.68	6.95				
175	5.61	5.56	5.59	5.55	5.56	5.53	5.53	5.54	5.50	5.53	5.51	5.54	5.52	5.70	7.23				
180	5.58	5.56	5.58	5.55	5.55	5.54	5.53	5.54	5.50	5.53	5.52	5.54	5.54	5.70	7.55				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-28

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: