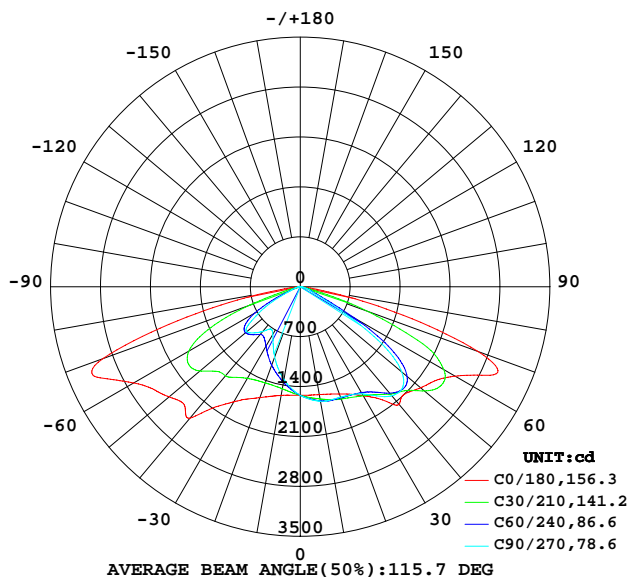
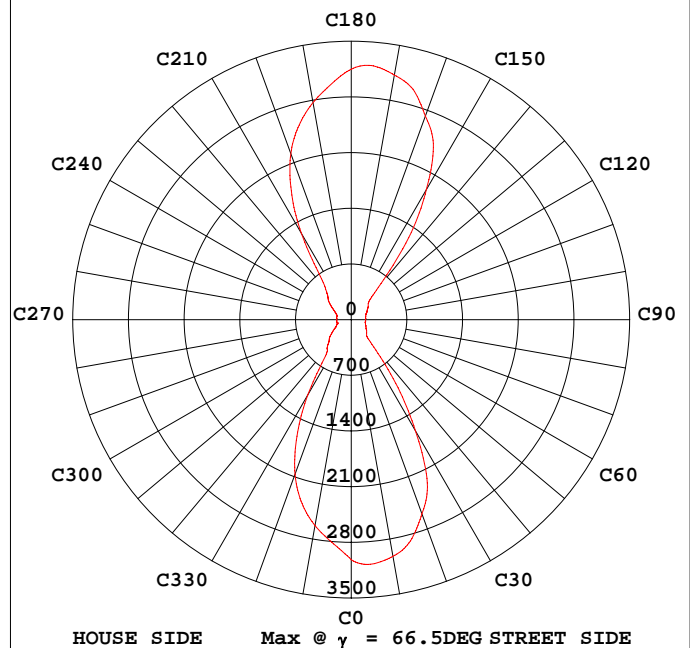


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.44V I:0.1844A P:39.393W PF:0.9735 Freq:50.00Hz Lamp Flux:6793.95x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740034G 40w4000K 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: 172.47 lm/W			
MODEL	40W4000K	I <sub>max</sub> (cd)	3203	η street_up(%)	0.1
NOMINAL POWER(W)	40	LOR(%)	100.0	η street_down(%)	57.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	6794	η house_up(%)	0.2
NOMINAL FLUX(lm)	6793.95	MAXIMUM @(C,γ )	175,66.5	η house_down(%)	42.2
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	20.005

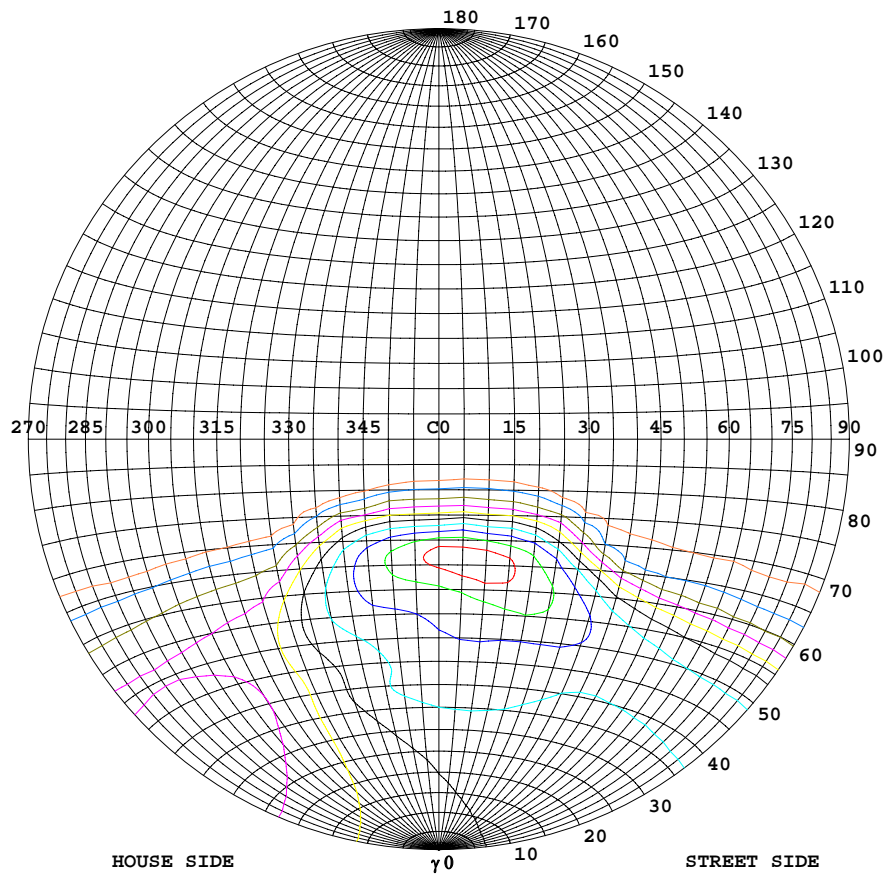
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-12-03

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:219.44V I:0.1844A P:39.393W PF:0.9735 Freq:50.00Hz Lamp Flux:6793.95x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740034G 40w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:



## Classification:

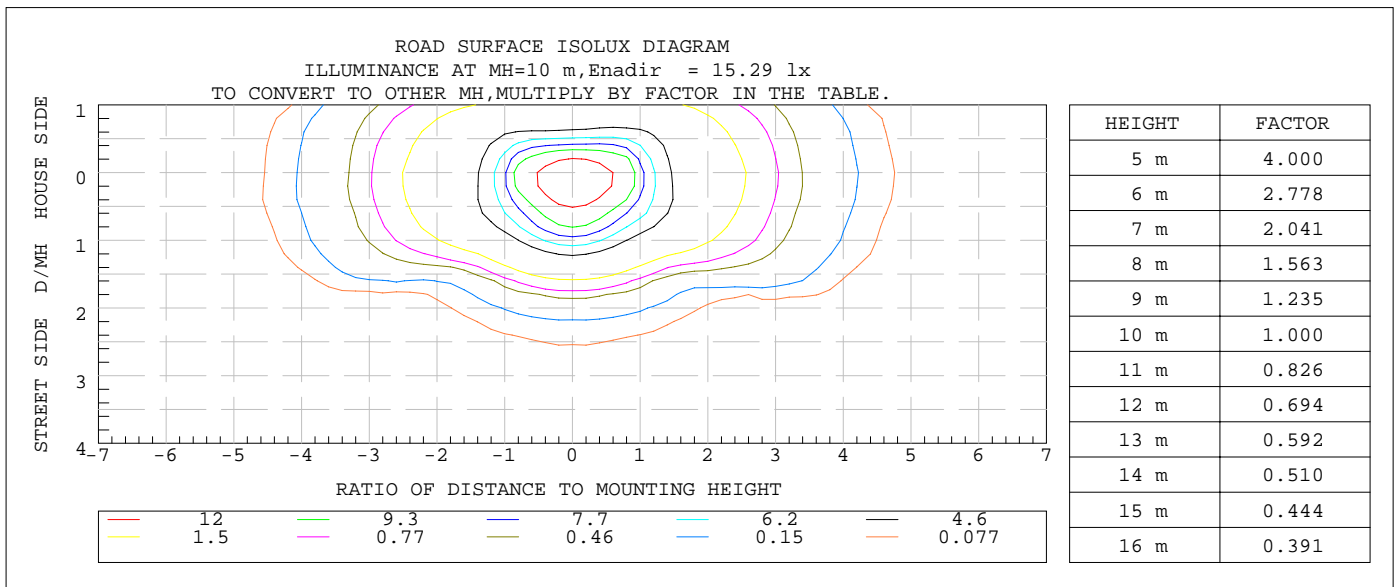
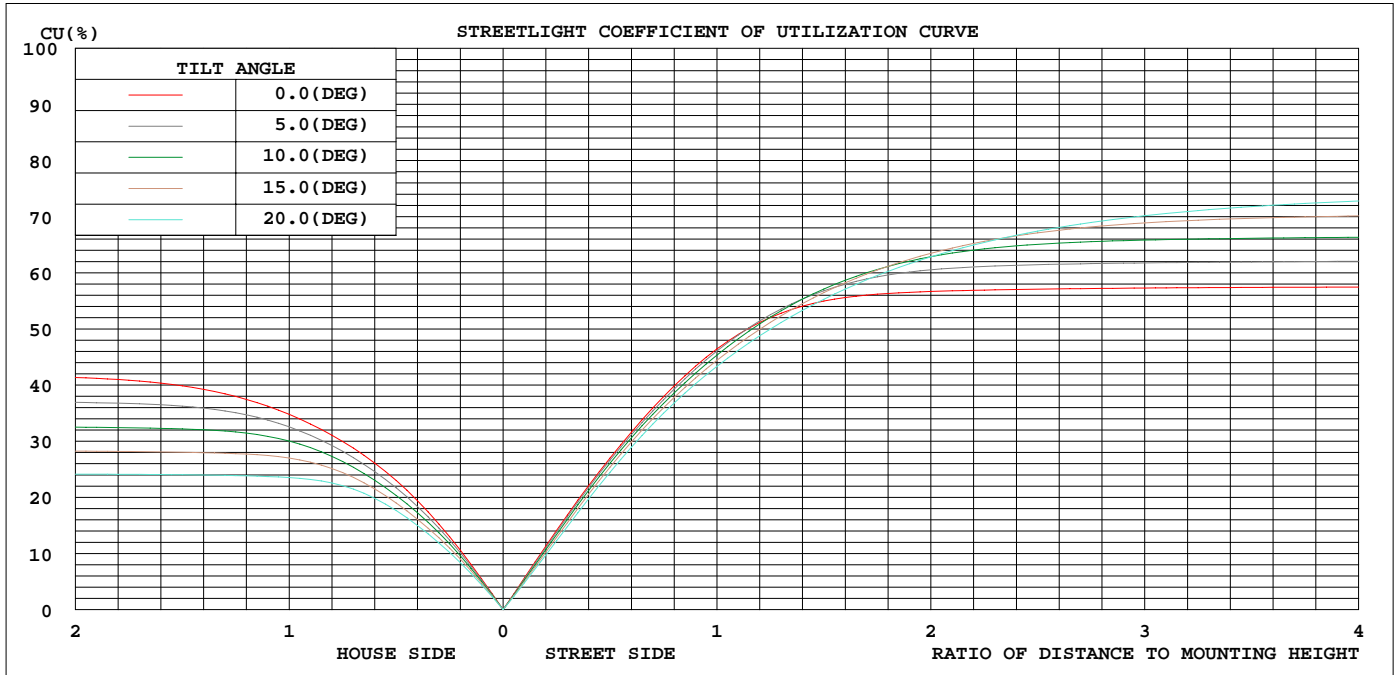
IES:Type II - Medium  
CIE:Narrow - Intermediate  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:75.33cd/klm  
Max.At90:0.3269cd/klm  
Max.80-90:75.33cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I <sub>max</sub> =100%	3203
90%	2883
80%	2562
70%	2242
60%	1922
50%	1601
40%	1281
30%	961
20%	641
10%	320
5%	160

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-12-03

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: 2023-12-03

$\gamma$  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:219.44V I:0.1844A P:39.393W PF:0.9735 Freq:50.00Hz Lamp Flux:6793.95x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740034G 40w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:

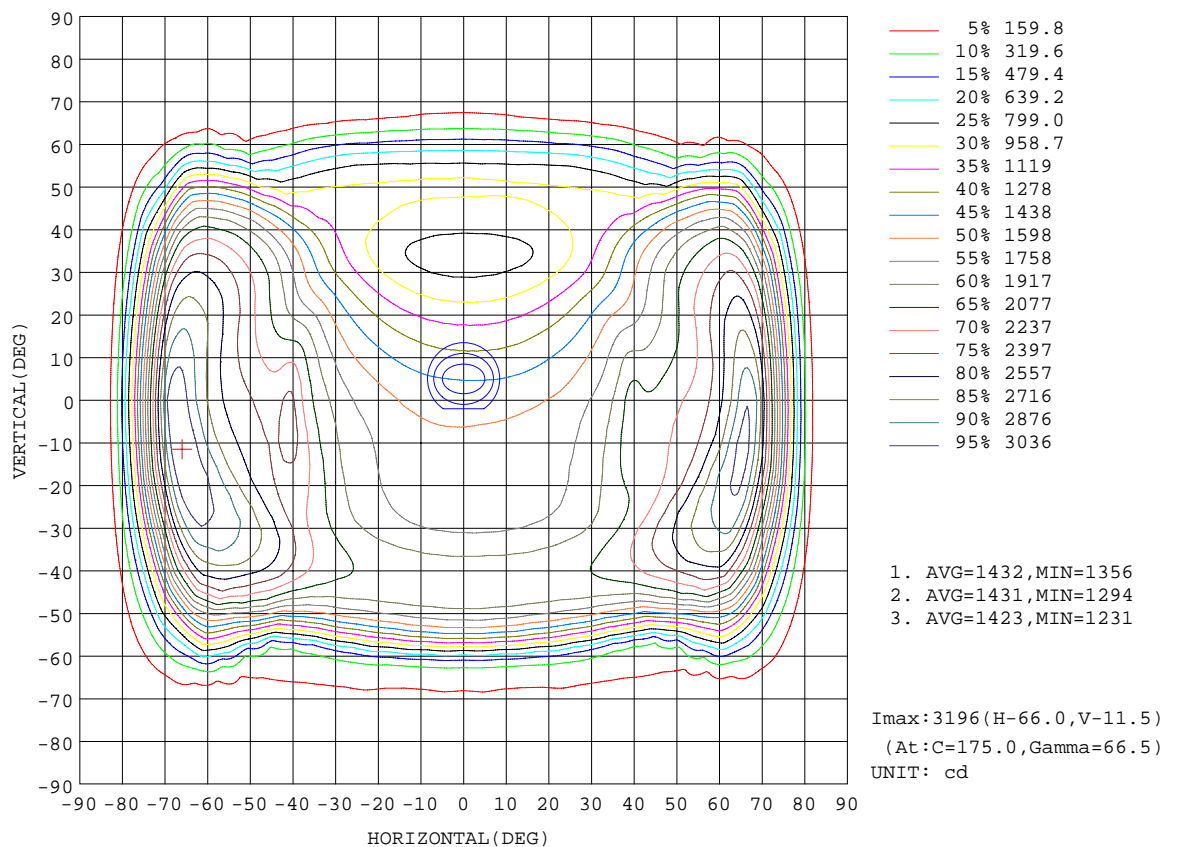
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	1536	1615	1629	1619	1548	1403	1319	1394	0- 10	144.6	144.6	2.13,2.13
20	1601	1671	1649	1700	1655	1297	1050	1264	10- 20	424.0	568.6	8.37,8.37
30	1764	1728	1736	1789	1863	1217	773.5	1158	20- 30	688.1	1257	18.5,18.5
40	2154	1894	1996	1992	2406	1157	817.5	1065	30- 40	993.0	2250	33.1,33.1
50	2204	2100	1858	2153	2401	1165	981.8	1091	40- 50	1346	3596	52.9,52.9
60	2509	1380	598.1	1434	2699	872.4	562.0	848.4	50- 60	1511	5107	75.2,75.2
70	2646	183.1	136.5	199.3	2938	174.2	120.7	165.0	60- 70	1165	6272	92.3,92.3
80	336.9	51.72	36.19	59.42	511.8	41.27	33.21	36.71	70- 80	470.3	6742	99.2,99.2
90	0.6684	0.1779	0.1369	0.9430	2.221	0.2752	0.1572	0.2558	80- 90	33.13	6775	99.7,99.7
100	2.785	0.4087	0.1471	0.3905	3.376	0.6701	0.3354	0.7349	90-100	0.7699	6776	99.7,99.7
110	5.053	1.291	0.6283	1.264	5.548	2.467	1.270	2.424	100-110	1.932	6778	99.8,99.8
120	6.005	2.430	1.497	2.395	5.962	4.209	3.080	4.314	110-120	3.170	6781	99.8,99.8
130	5.933	3.152	2.147	2.920	5.335	4.899	4.842	5.398	120-130	3.684	6785	99.9,99.9
140	5.192	3.357	2.273	3.078	4.564	4.870	5.049	5.336	130-140	3.320	6788	99.9,99.9
150	4.700	3.487	2.514	3.225	4.180	4.649	4.828	4.948	140-150	2.594	6790	99.9,99.9
160	4.470	3.644	2.985	3.477	4.195	4.534	4.636	4.683	150-160	1.879	6792	100,100
170	4.394	3.990	3.656	3.939	4.326	4.458	4.513	4.538	160-170	1.169	6794	100,100
180	4.533	4.346	4.368	4.359	4.564	4.356	4.379	4.391	170-180	0.4073	6794	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:2023-12-03

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

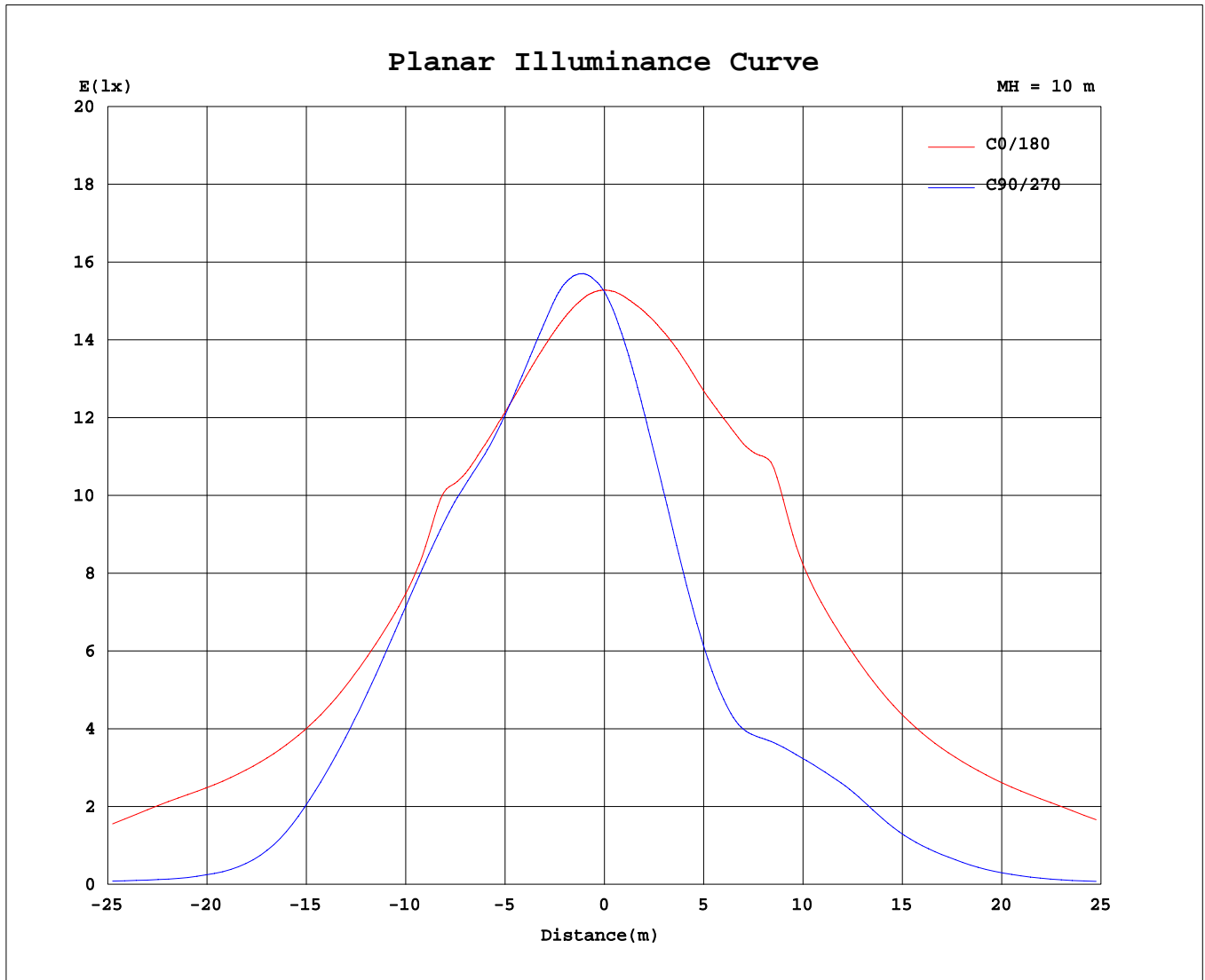
Test:U:219.44V I:0.1844A P:39.393W PF:0.9735 Freq:50.00Hz Lamp Flux:6793.95x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740034G 40w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:yangbin  
Test Date:2023-12-03

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

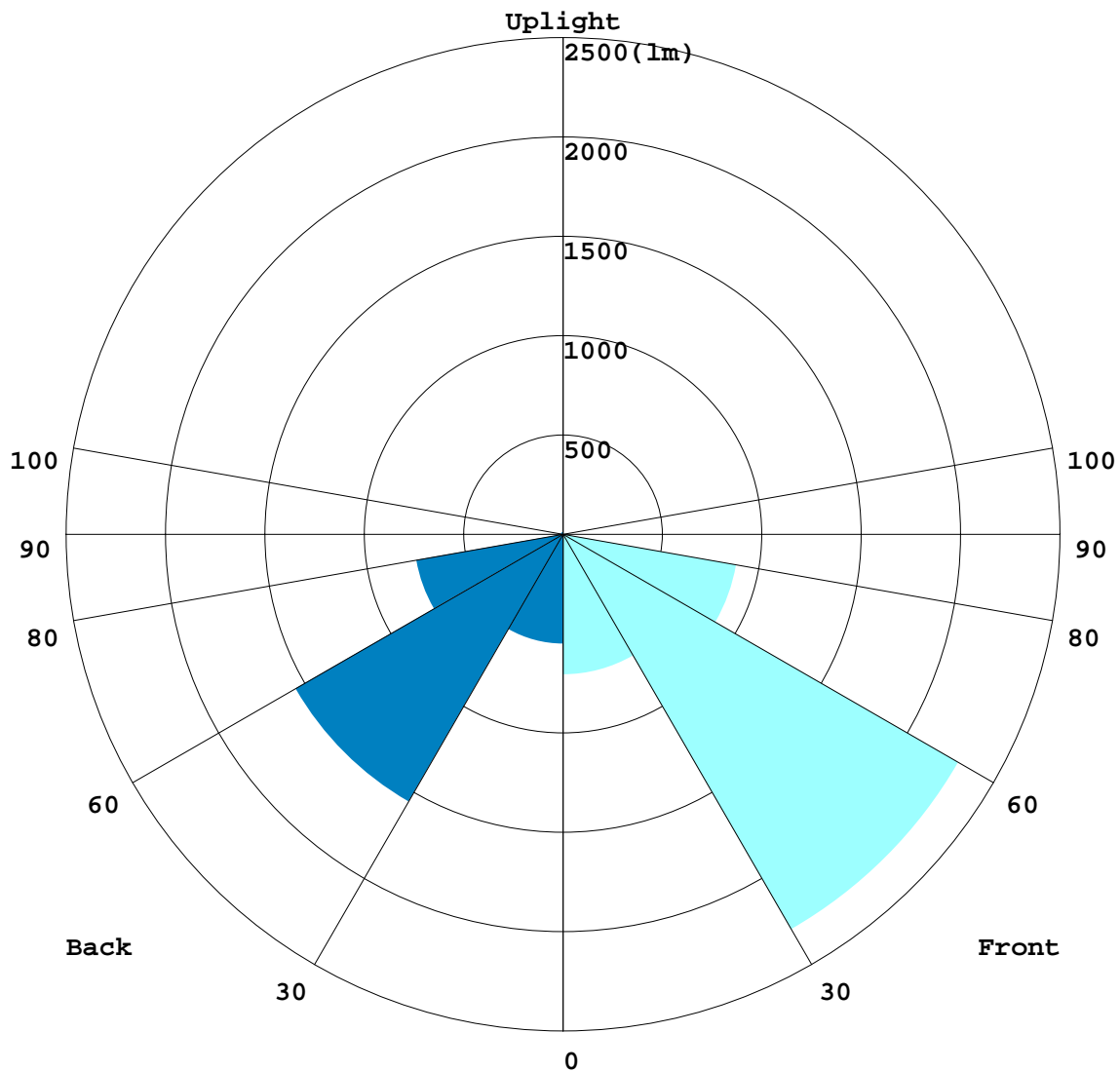


C Range: 0 - 360DEG  
 C Interval: 5.0DEG  
 Test Speed: HIGH  
 Temperature: 25.0°C  
 Operators: yangbin  
 Test Date: 2023-12-03

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:219.44V I:0.1844A P:39.393W PF:0.9735 Freq:50.00Hz Lamp Flux:6793.95x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740034G 40w4000K 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°C  
 Operators: yangbin  
 Test Date: 2023-12-03

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:219.44V I:0.1844A P:39.393W PF:0.9735 Freq:50.00Hz Lamp Flux:6793.95x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740034G 40w4000K 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)	705.98	10.4
FM - Front-Medium(30-60)	2296.4	33.8
FH - Front-High(60-80)	885.64	13.0
FVH - Front-Very High(80-90)	19.001	0.3
Total Forward Light	3914.7	57.6

BL - Back-Low(0-30)	550.66	8.1
BM - Back-Medium(30-60)	1554	22.9
BH - Back-High(60-80)	749.23	11.0
BVH - Back-Very High(80-90)	14.128	0.2
Total Back Light	2879.2	42.4

UL - Uplight-Low(90-100)	0.76988	0.0
UH - Uplight-High(100-180)	18.154	0.3
Total Up Light	18.924	0.3

BUG(Back,Up,Glare) Rating	B2-U2-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2868	11.214	2879.2
Street Side	3907	7.7096	3914.7

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-12-03

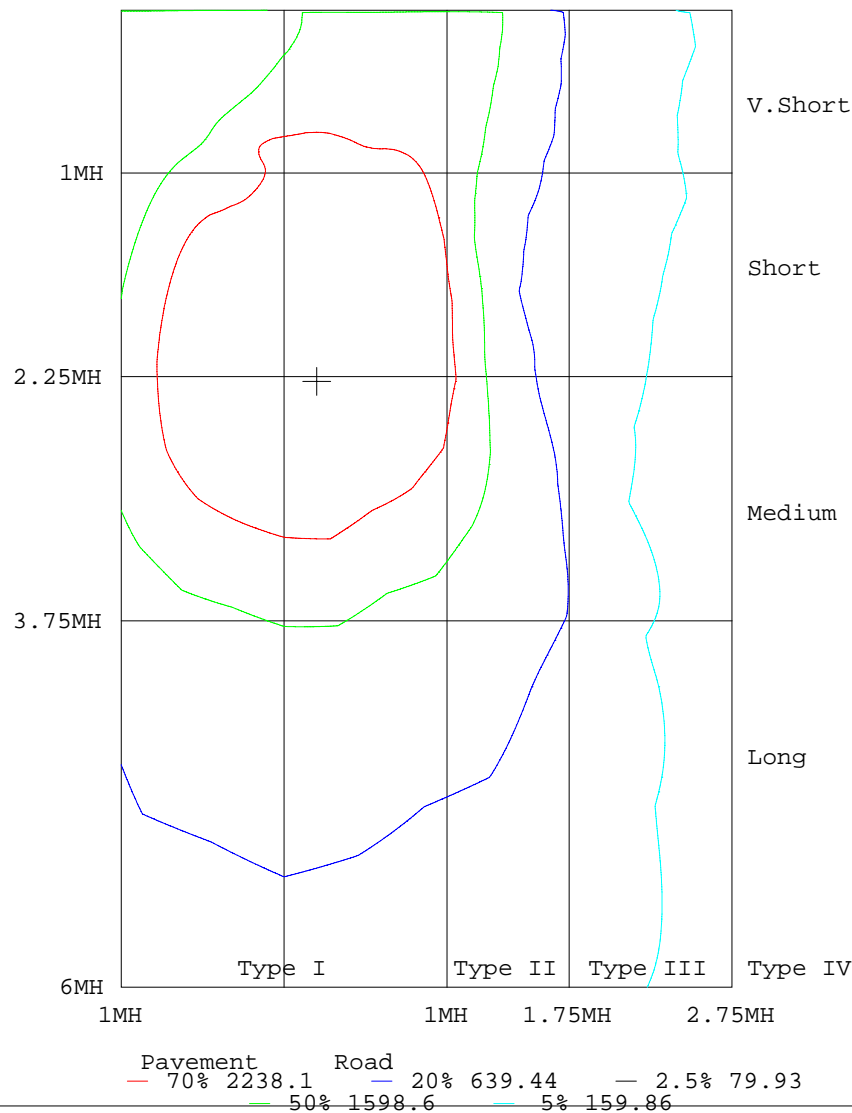
γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
Test System:EVERFINE GO-2000A\_V1 SYSTEM V2.00.464  
Humidity:65.0%  
Test Distance:12.534m [K=1.0000]  
Remarks:



ROAD ISOCANDELA REPORT

Test:U:219.44V I:0.1844A P:39.393W PF:0.9735 Freq:50.00Hz Lamp Flux:6793.95x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740034G 40w4000K 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:yangbin  
Test Date:2023-12-03

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:219.44V I:0.1844A P:39.393W PF:0.9735 Freq:50.00Hz Lamp Flux:6793.95x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740034G 40w4000K 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	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524
5	1527	1532	1539	1544	1550	1554	1560	1563	1567	1572	1574	1577	1579	1581	1583	1585	1586	1585	1586
10	1536	1549	1561	1571	1581	1589	1598	1604	1609	1615	1619	1621	1624	1626	1627	1630	1629	1630	1629
15	1559	1578	1595	1609	1622	1631	1638	1644	1648	1653	1653	1654	1652	1651	1649	1649	1647	1647	1645
20	1601	1622	1642	1656	1667	1674	1676	1676	1673	1671	1665	1663	1659	1656	1652	1652	1650	1651	1649
25	1664	1689	1708	1713	1715	1714	1712	1705	1699	1695	1688	1683	1676	1673	1670	1670	1670	1671	1672
30	1764	1786	1798	1795	1789	1777	1766	1750	1737	1728	1720	1716	1715	1715	1719	1725	1730	1733	1736
35	1916	1933	1942	1929	1910	1877	1848	1818	1796	1783	1784	1792	1804	1816	1832	1845	1860	1866	1869
40	2154	2186	2182	2139	2081	2021	1966	1917	1895	1894	1913	1932	1948	1960	1976	1987	1994	1997	1996
45	2108	2145	2157	2143	2122	2091	2064	2043	2042	2041	2039	2037	2031	2029	2026	2028	2023	2023	2019
50	2204	2243	2251	2244	2250	2270	2272	2221	2158	2100	2047	2005	1956	1924	1892	1882	1867	1869	1858
55	2302	2352	2395	2465	2546	2518	2411	2265	2081	1936	1803	1710	1605	1542	1471	1456	1414	1417	1395
60	2509	2599	2764	2811	2744	2588	2322	2021	1642	1380	1153	1020	882	818	707	690	623	638	598
65	2936	3062	3044	2936	2681	2374	1895	1290	717	416	323	309	295	259	239	219	211	214	205
70	2646	2655	2537	2392	2177	1643	987	332	200	183	167	159	154	153	144	140	137	142	136
75	1370	1452	1327	1270	1025	721	240	137	119	111	103	99.4	91.6	88.5	79.6	75.5	72.9	76.9	73.8
80	337	373	345	298	217	104	72.9	62.4	54.9	51.7	46.0	43.5	39.0	38.5	37.2	37.1	37.1	37.8	36.2
85	29.9	37.4	36.7	35.7	27.9	23.2	18.9	17.3	14.5	14.6	12.9	12.9	11.6	11.6	11.0	11.3	11.0	11.2	9.50
90	0.67	0.64	0.70	0.49	0.60	0.33	0.68	0.20	0.21	0.18	0.20	0.16	0.20	0.26	0.22	0.35	0.30	0.36	0.14
95	1.52	1.46	1.28	1.12	0.85	0.68	0.45	0.36	0.22	0.23	0.21	0.19	0.18	0.18	0.19	0.18	0.17	0.18	0.14
100	2.79	2.67	2.39	2.09	1.67	1.35	0.95	0.74	0.45	0.41	0.24	0.32	0.19	0.28	0.20	0.26	0.18	0.25	0.15
105	4.12	3.93	3.55	3.17	2.64	2.18	1.64	1.31	0.92	0.77	0.54	0.57	0.44	0.49	0.38	0.44	0.34	0.43	0.33
110	5.05	4.92	4.53	4.13	3.50	3.00	2.39	1.99	1.52	1.29	0.99	0.94	0.83	0.83	0.69	0.77	0.65	0.73	0.63
115	5.71	5.61	5.20	4.83	4.23	3.73	3.12	2.68	2.17	1.89	1.52	1.43	1.22	1.26	1.13	1.19	1.08	1.14	1.06
120	6.01	5.88	5.57	5.28	4.74	4.33	3.73	3.30	2.74	2.43	2.04	1.90	1.67	1.69	1.55	1.62	1.50	1.60	1.50
125	6.04	5.86	5.72	5.31	4.94	4.55	4.09	3.69	3.17	2.88	2.48	2.34	2.08	2.09	1.95	2.02	1.91	2.00	1.90
130	5.93	5.65	5.54	5.17	4.95	4.52	4.16	3.87	3.38	3.15	2.77	2.62	2.35	2.37	2.19	2.28	2.16	2.25	2.15
135	5.58	5.32	5.21	4.92	4.80	4.42	4.20	3.87	3.49	3.30	2.93	2.81	2.53	2.51	2.33	2.38	2.25	2.34	2.22
140	5.19	4.96	4.94	4.68	4.63	4.29	4.15	3.87	3.53	3.36	3.03	2.92	2.67	2.62	2.41	2.46	2.33	2.39	2.27
145	4.89	4.69	4.73	4.52	4.50	4.21	4.11	3.87	3.52	3.42	3.12	3.03	2.75	2.72	2.53	2.56	2.41	2.50	2.38
150	4.70	4.51	4.60	4.39	4.38	4.17	4.07	3.87	3.56	3.49	3.20	3.13	2.88	2.87	2.67	2.71	2.55	2.63	2.51
155	4.60	4.46	4.50	4.37	4.34	4.17	4.05	3.90	3.65	3.55	3.33	3.28	3.04	3.06	2.87	2.93	2.76	2.84	2.73
160	4.47	4.39	4.42	4.32	4.28	4.17	4.05	3.95	3.67	3.64	3.41	3.43	3.22	3.27	3.10	3.17	3.03	3.10	2.99
165	4.38	4.40	4.38	4.33	4.27	4.16	4.05	3.99	3.80	3.78	3.63	3.63	3.50	3.53	3.38	3.45	3.32	3.43	3.32
170	4.39	4.43	4.37	4.35	4.28	4.21	4.06	4.09	3.95	3.99	3.85	3.91	3.76	3.81	3.71	3.78	3.67	3.78	3.66
175	4.41	4.49	4.37	4.37	4.28	4.30	4.18	4.24	4.10	4.20	4.06	4.15	4.03	4.13	4.02	4.14	4.02	4.13	4.00
180	4.53	4.51	4.37	4.37	4.36	4.35	4.33	4.33	4.33	4.35	4.31	4.31	4.30	4.36	4.30	4.37	4.36	4.38	4.37

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-12-03

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:219.44V I:0.1844A P:39.393W PF:0.9735 Freq:50.00Hz Lamp Flux:6793.95x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740034G 40w4000K 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	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524
5	1586	1585	1584	1582	1581	1581	1577	1574	1572	1567	1566	1561	1557	1552	1546	1541	1535	1528	1522
10	1630	1630	1629	1629	1628	1627	1625	1621	1619	1614	1610	1605	1598	1592	1582	1572	1560	1548	1535
15	1650	1649	1653	1655	1659	1662	1665	1666	1668	1666	1665	1661	1656	1648	1638	1627	1610	1591	1572
20	1655	1656	1660	1664	1670	1676	1682	1689	1700	1706	1716	1720	1719	1718	1709	1698	1679	1655	1629
25	1677	1679	1683	1686	1694	1701	1711	1722	1735	1746	1761	1774	1782	1789	1789	1784	1764	1736	1705
30	1739	1739	1738	1739	1744	1749	1759	1773	1789	1808	1831	1853	1872	1893	1902	1908	1894	1863	1827
35	1868	1866	1861	1857	1853	1854	1852	1857	1872	1898	1936	1981	2023	2063	2083	2098	2087	2054	2019
40	1998	1998	1997	1996	1994	1991	1986	1986	1992	2017	2068	2139	2215	2295	2366	2425	2440	2406	2337
45	2026	2025	2028	2028	2038	2047	2065	2086	2115	2153	2206	2271	2326	2367	2392	2394	2371	2319	2256
50	1865	1861	1878	1887	1921	1956	2012	2068	2153	2257	2382	2476	2501	2488	2476	2479	2458	2401	2334
55	1418	1413	1451	1470	1538	1605	1712	1812	1978	2196	2451	2627	2745	2778	2710	2633	2572	2511	2461
60	642	627	700	723	831	897	1044	1188	1434	1773	2219	2531	2795	2936	2991	2948	2804	2699	2672
65	215	215	224	242	273	305	328	352	514	856	1553	2145	2549	2836	3051	3134	3159	3042	2931
70	141	138	141	147	158	160	169	180	199	222	552	1221	1903	2375	2567	2755	2877	2938	2747
75	77.0	74.3	78.7	85.3	95.0	98.3	106	112	122	132	157	359	921	1183	1447	1497	1671	1646	1540
80	38.3	38.5	39.1	39.9	41.4	42.8	48.4	52.1	59.4	64.7	74.2	89.8	134	263	357	410	465	512	446
85	11.6	11.7	12.4	12.4	13.5	13.9	15.7	16.4	18.7	19.4	23.5	27.7	35.9	43.3	51.7	54.1	57.6	53.4	41.4
90	0.33	0.51	1.38	0.59	0.84	0.65	0.89	0.66	0.94	0.64	0.94	0.66	1.02	0.87	1.26	1.08	1.41	2.22	1.76
95	0.19	0.17	0.18	0.18	0.20	0.20	0.23	0.23	0.25	0.28	0.36	0.40	0.68	0.82	1.06	1.17	1.34	2.06	2.08
100	0.25	0.17	0.26	0.21	0.29	0.22	0.33	0.27	0.39	0.41	0.72	0.97	1.39	1.67	2.04	2.29	2.48	3.38	3.43
105	0.41	0.33	0.45	0.37	0.50	0.46	0.58	0.54	0.75	0.90	1.36	1.76	2.32	2.72	3.16	3.48	3.73	4.66	4.69
110	0.73	0.65	0.77	0.70	0.84	0.80	0.95	0.97	1.26	1.55	2.09	2.57	3.19	3.61	4.15	4.45	4.76	5.55	5.56
115	1.13	1.06	1.18	1.16	1.27	1.22	1.40	1.49	1.85	2.19	2.79	3.22	3.79	4.18	4.68	4.98	5.39	5.98	6.01
120	1.59	1.50	1.62	1.54	1.69	1.65	1.85	1.97	2.40	2.69	3.23	3.53	3.93	4.35	4.79	5.20	5.54	5.96	6.10
125	2.00	1.89	1.98	1.91	2.04	1.99	2.22	2.34	2.72	2.94	3.38	3.61	3.96	4.35	4.76	5.21	5.45	5.77	5.92
130	2.22	2.12	2.19	2.12	2.22	2.21	2.47	2.57	2.92	3.06	3.42	3.63	3.96	4.34	4.69	5.15	5.32	5.34	5.52
135	2.32	2.18	2.30	2.21	2.38	2.38	2.62	2.70	3.02	3.18	3.46	3.66	3.93	4.32	4.56	4.94	4.99	4.89	5.10
140	2.38	2.27	2.39	2.34	2.51	2.51	2.77	2.82	3.08	3.20	3.48	3.68	3.89	4.24	4.37	4.66	4.70	4.56	4.74
145	2.48	2.37	2.51	2.47	2.65	2.64	2.88	2.90	3.16	3.21	3.50	3.68	3.82	4.12	4.19	4.45	4.46	4.31	4.48
150	2.62	2.54	2.68	2.62	2.80	2.78	2.95	3.00	3.22	3.25	3.50	3.66	3.81	4.00	4.11	4.31	4.32	4.18	4.32
155	2.83	2.75	2.85	2.79	2.96	2.91	3.11	3.10	3.32	3.32	3.58	3.66	3.84	4.00	4.11	4.26	4.24	4.19	4.26
160	3.08	3.00	3.09	3.01	3.16	3.13	3.31	3.27	3.48	3.49	3.68	3.67	3.92	4.00	4.11	4.21	4.25	4.19	4.21
165	3.40	3.30	3.40	3.32	3.44	3.39	3.55	3.52	3.68	3.66	3.81	3.83	3.98	4.00	4.12	4.20	4.26	4.22	4.20
170	3.75	3.63	3.72	3.65	3.78	3.70	3.82	3.82	3.94	3.87	4.02	3.97	4.11	4.03	4.18	4.21	4.29	4.33	4.20
175	4.11	4.00	4.09	3.99	4.12	4.02	4.13	4.05	4.17	4.08	4.20	4.16	4.27	4.19	4.29	4.24	4.38	4.48	4.33
180	4.39	4.31	4.34	4.28	4.31	4.28	4.35	4.30	4.36	4.31	4.37	4.35	4.39	4.35	4.37	4.35	4.41	4.56	4.49

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-12-03

γ Range: 0 - 180DEG  
γ Interval: 0.5DEG  
γ 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:219.44V I:0.1844A P:39.393W PF:0.9735 Freq:50.00Hz Lamp Flux:6793.95x1 lm																		
NAME: Skylite									TYPE: LED					WEIGHT: 1.8				
SPEC.: AL6740034G 40w4000K 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	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524
5	1515	1508	1500	1493	1486	1479	1472	1465	1460	1453	1448	1442	1440	1436	1436	1432	1432	1431	1434
10	1521	1504	1488	1471	1454	1436	1419	1403	1389	1373	1361	1348	1340	1330	1326	1320	1319	1318	1322
15	1547	1523	1495	1466	1436	1406	1375	1346	1318	1291	1267	1243	1227	1212	1202	1194	1191	1190	1197
20	1597	1562	1522	1480	1435	1389	1342	1297	1254	1210	1172	1135	1107	1082	1066	1053	1050	1049	1059
25	1664	1620	1567	1512	1449	1387	1319	1255	1189	1125	1068	1015	975	941	921	904	901	900	913
30	1774	1715	1643	1568	1484	1400	1308	1217	1125	1038	964	900	853	815	792	777	773	776	788
35	1956	1885	1785	1678	1553	1431	1305	1183	1067	964	882	818	774	749	735	729	726	728	731
40	2225	2097	1950	1797	1632	1460	1296	1157	1036	939	874	845	828	824	819	821	817	819	813
45	2178	2080	1963	1838	1678	1503	1320	1172	1050	983	951	938	924	920	914	917	914	914	907
50	2256	2191	2104	2001	1837	1607	1355	1165	1061	1025	1003	989	979	976	976	981	982	979	971
55	2421	2387	2298	2142	1907	1584	1251	1068	1016	976	949	924	902	870	854	832	833	829	846
60	2651	2553	2379	2136	1802	1359	967	872	822	776	735	670	624	591	576	561	562	561	576
65	2774	2570	2301	1918	1430	872	620	539	491	428	371	317	289	264	257	250	252	250	257
70	2542	2271	1899	1357	753	315	221	174	154	132	127	117	114	113	118	120	121	119	116
75	1482	1237	968	495	172	98.8	95.0	85.7	80.8	75.8	74.4	72.0	70.4	67.8	69.4	70.5	71.5	69.6	67.8
80	389	228	123	64.7	56.3	50.5	47.0	41.3	40.2	37.4	36.9	35.5	35.4	33.6	33.3	32.6	33.2	31.9	32.4
85	36.2	28.9	24.6	19.6	17.6	15.1	14.1	12.4	12.2	11.2	11.2	10.3	10.4	9.02	8.63	7.85	8.03	7.56	8.08
90	1.84	1.30	1.11	1.41	0.62	0.42	0.27	0.28	0.46	0.25	0.20	0.40	0.18	0.18	0.26	0.17	0.16	0.18	0.16
95	2.05	1.85	1.65	1.32	1.07	0.67	0.50	0.27	0.29	0.22	0.26	0.21	0.23	0.22	0.22	0.19	0.22	0.18	0.24
100	3.37	3.13	2.83	2.38	1.98	1.48	1.10	0.67	0.54	0.38	0.43	0.30	0.38	0.29	0.36	0.25	0.34	0.24	0.36
105	4.63	4.35	4.04	3.51	3.06	2.50	2.01	1.48	1.17	0.89	0.84	0.71	0.73	0.63	0.68	0.57	0.65	0.58	0.67
110	5.52	5.20	4.93	4.46	4.06	3.49	3.02	2.47	2.10	1.74	1.61	1.46	1.41	1.30	1.31	1.21	1.27	1.21	1.29
115	6.00	5.69	5.49	5.08	4.79	4.33	3.95	3.42	3.07	2.70	2.53	2.33	2.30	2.17	2.17	2.09	2.12	2.07	2.13
120	6.01	5.87	5.68	5.38	5.19	4.85	4.61	4.21	3.95	3.61	3.45	3.27	3.23	3.14	3.14	3.05	3.08	3.03	3.10
125	5.80	5.82	5.55	5.41	5.20	5.03	4.97	4.71	4.62	4.37	4.31	4.15	4.16	4.07	4.12	4.05	4.07	4.01	4.07
130	5.43	5.50	5.33	5.36	5.14	5.05	4.98	4.90	4.80	4.78	4.80	4.73	4.80	4.74	4.83	4.76	4.84	4.75	4.82
135	5.02	5.16	5.04	5.13	4.96	5.01	4.87	4.91	4.84	4.87	4.86	4.89	4.96	5.01	5.04	5.08	5.10	5.07	5.06
140	4.68	4.83	4.77	4.88	4.77	4.87	4.75	4.87	4.76	4.85	4.84	4.90	4.90	5.03	5.01	5.10	5.05	5.16	5.03
145	4.45	4.58	4.51	4.66	4.58	4.74	4.65	4.77	4.66	4.80	4.73	4.89	4.83	4.96	4.88	5.03	4.91	5.05	4.91
150	4.27	4.40	4.36	4.50	4.43	4.57	4.54	4.65	4.56	4.72	4.65	4.80	4.69	4.86	4.81	4.93	4.83	4.90	4.77
155	4.23	4.35	4.31	4.40	4.36	4.51	4.47	4.58	4.49	4.65	4.56	4.73	4.66	4.79	4.71	4.85	4.70	4.83	4.70
160	4.23	4.28	4.31	4.37	4.36	4.44	4.39	4.53	4.44	4.60	4.53	4.66	4.58	4.73	4.62	4.74	4.64	4.74	4.65
165	4.24	4.28	4.32	4.35	4.36	4.42	4.37	4.49	4.40	4.55	4.50	4.61	4.53	4.64	4.55	4.69	4.56	4.68	4.58
170	4.28	4.28	4.34	4.35	4.36	4.41	4.36	4.46	4.38	4.50	4.40	4.55	4.48	4.60	4.51	4.61	4.51	4.61	4.56
175	4.38	4.30	4.36	4.34	4.36	4.39	4.36	4.42	4.35	4.44	4.37	4.48	4.38	4.51	4.42	4.53	4.41	4.53	4.44
180	4.43	4.35	4.36	4.34	4.36	4.36	4.35	4.36	4.35	4.36	4.34	4.37	4.37	4.38	4.38	4.38	4.38	4.41	4.38

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-12-03

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:219.44V I:0.1844A P:39.393W PF:0.9735 Freq:50.00Hz Lamp Flux:6793.95x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 1.8		
SPEC.: AL6740034G 40w4000K 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	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524	1524				
5	1434	1438	1441	1446	1450	1456	1462	1468	1476	1482	1490	1497	1505	1512	1519				
10	1325	1334	1343	1355	1365	1380	1394	1409	1425	1440	1458	1475	1491	1507	1522				
15	1203	1216	1231	1251	1272	1298	1325	1354	1383	1410	1438	1464	1491	1514	1537				
20	1070	1093	1117	1151	1185	1223	1264	1306	1350	1393	1435	1473	1511	1542	1573				
25	930	960	995	1043	1092	1150	1210	1270	1333	1391	1449	1502	1553	1595	1632				
30	805	836	877	932	996	1074	1158	1241	1328	1409	1488	1558	1625	1678	1726				
35	739	757	789	841	911	1002	1107	1221	1342	1454	1564	1661	1751	1817	1877				
40	813	808	816	831	878	958	1065	1191	1338	1489	1635	1769	1893	2001	2091				
45	908	907	914	920	940	983	1087	1219	1378	1527	1665	1781	1890	1981	2053				
50	968	968	975	983	999	1022	1091	1255	1467	1652	1799	1899	1985	2061	2136				
55	861	894	918	940	960	994	1034	1162	1441	1720	1935	2077	2165	2200	2248				
60	588	619	662	723	762	807	848	925	1224	1620	1941	2175	2347	2446	2468				
65	261	283	308	359	414	476	519	594	737	1257	1741	2133	2415	2623	2782				
70	111	112	114	123	129	147	165	201	267	592	1169	1715	2086	2339	2517				
75	65.7	67.2	67.6	69.7	71.5	77.7	81.7	90.6	93.5	111	326	773	999	1285	1332				
80	32.3	33.1	32.7	33.8	34.0	36.5	36.7	41.4	43.7	48.2	54.9	82.8	138	263	329				
85	8.15	9.10	8.88	9.39	9.15	9.74	9.61	10.8	11.1	12.7	13.9	16.9	18.5	22.7	26.4				
90	0.18	0.17	0.20	0.56	0.22	0.22	0.26	0.27	0.38	0.52	0.66	0.83	0.94	1.08	1.11				
95	0.18	0.24	0.19	0.27	0.20	0.30	0.30	0.56	0.72	1.09	1.35	1.70	1.97	2.20	2.30				
100	0.28	0.37	0.32	0.43	0.38	0.59	0.73	1.14	1.47	1.95	2.37	2.86	3.25	3.57	3.77				
105	0.63	0.73	0.70	0.85	0.91	1.22	1.51	1.97	2.39	2.96	3.47	4.09	4.55	4.95	5.13				
110	1.25	1.39	1.41	1.58	1.74	2.09	2.42	2.94	3.38	3.98	4.51	5.13	5.60	6.03	6.18				
115	2.13	2.24	2.30	2.50	2.68	3.04	3.39	3.89	4.32	4.91	5.40	5.99	6.36	6.70	6.71				
120	3.07	3.18	3.23	3.43	3.60	3.99	4.31	4.74	5.13	5.66	6.03	6.50	6.68	6.84	6.83				
125	4.03	4.14	4.16	4.36	4.50	4.80	5.02	5.41	5.68	6.01	6.22	6.39	6.64	6.61	6.67				
130	4.76	4.85	4.83	5.01	5.05	5.32	5.40	5.52	5.83	5.90	6.13	6.08	6.21	6.11	6.17				
135	5.05	5.09	5.16	5.21	5.21	5.34	5.51	5.48	5.68	5.62	5.77	5.67	5.74	5.59	5.66				
140	5.08	5.05	5.14	5.12	5.21	5.19	5.34	5.32	5.42	5.34	5.43	5.30	5.34	5.16	5.22				
145	5.01	4.89	5.02	4.92	5.07	5.00	5.12	5.03	5.17	5.05	5.19	5.04	5.09	4.87	4.88				
150	4.88	4.83	4.88	4.76	4.89	4.83	4.95	4.87	4.96	4.86	4.97	4.85	4.90	4.69	4.68				
155	4.78	4.69	4.77	4.67	4.78	4.67	4.80	4.68	4.80	4.68	4.77	4.65	4.76	4.58	4.58				
160	4.71	4.58	4.69	4.57	4.68	4.56	4.68	4.54	4.67	4.55	4.66	4.52	4.62	4.47	4.48				
165	4.65	4.53	4.63	4.52	4.63	4.53	4.60	4.50	4.59	4.51	4.56	4.48	4.52	4.41	4.45				
170	4.61	4.50	4.58	4.47	4.55	4.44	4.54	4.41	4.52	4.40	4.50	4.39	4.48	4.41	4.45				
175	4.52	4.40	4.50	4.37	4.48	4.38	4.47	4.38	4.46	4.39	4.45	4.39	4.44	4.41	4.44				
180	4.37	4.36	4.37	4.36	4.38	4.37	4.39	4.37	4.39	4.39	4.39	4.39	4.41	4.41	4.44				

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:yangbin  
Test Date:2023-12-03

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: