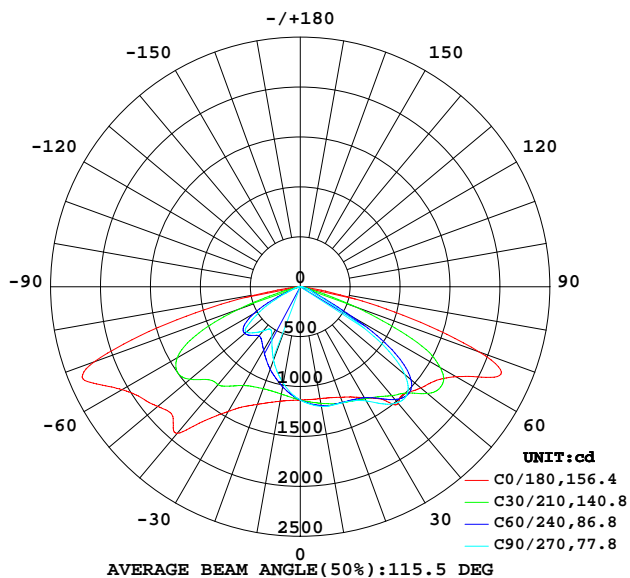
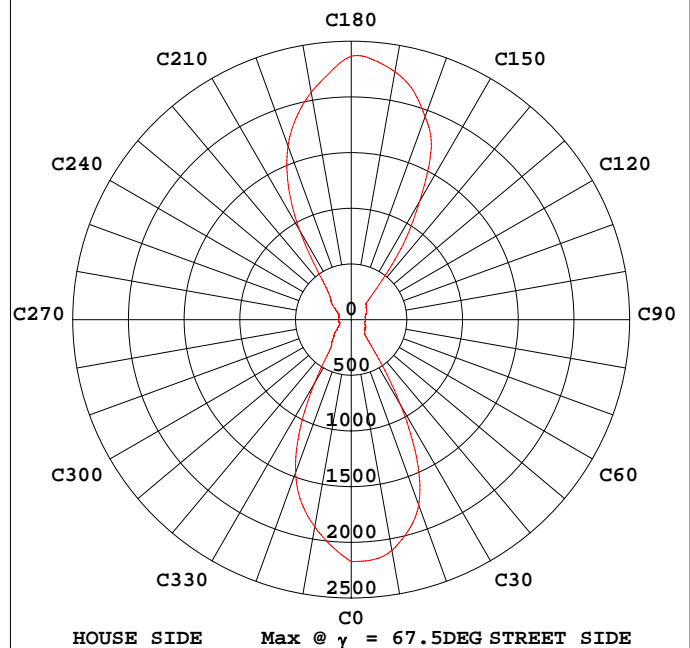


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.60V I:0.1397A P:29.724W PF:0.9690 Freq:50.00Hz Lamp Flux:5046.36x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740024G 30w4000K 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: 169.78 lm/W			
MODEL	30W4000K	I _{max} (cd)	2365	η street_up(%)	0.1
NOMINAL POWER(W)	30	LOR(%)	100.0	η street_down(%)	57.4
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	5046	η house_up(%)	0.2
NOMINAL FLUX(lm)	5046.36	MAXIMUM @(C,γ)	180,67.5	η house_down(%)	42.4
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	19.700

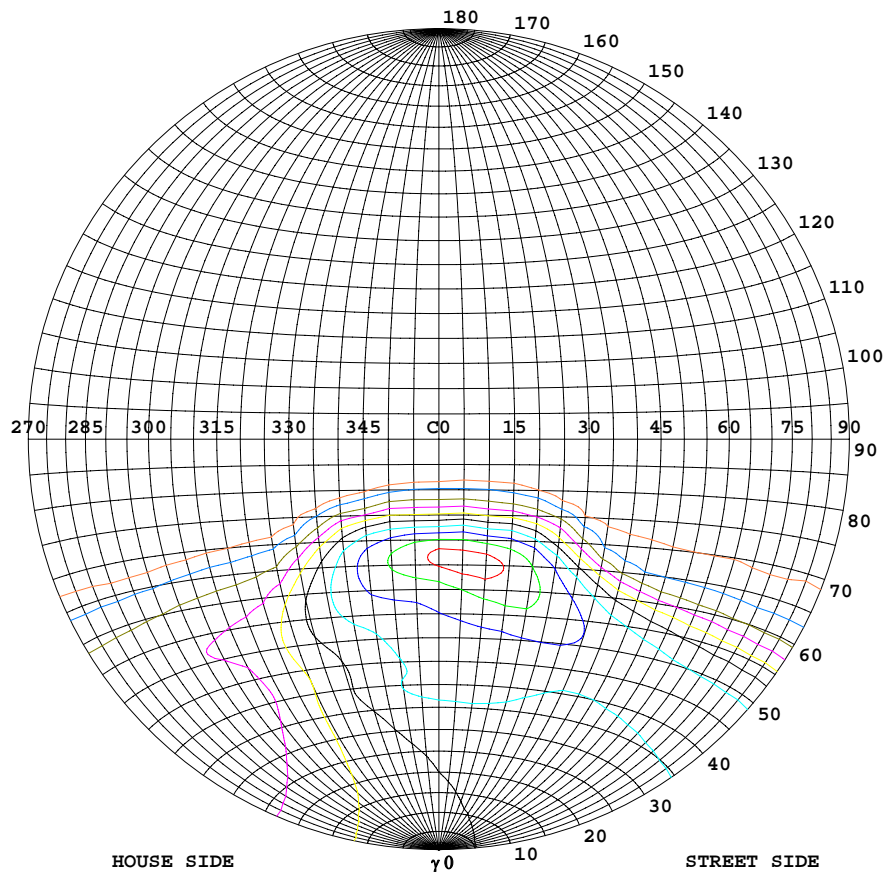
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:219.60V I:0.1397A P:29.724W PF:0.9690 Freq:50.00Hz Lamp Flux:5046.36x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740024G 30w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:



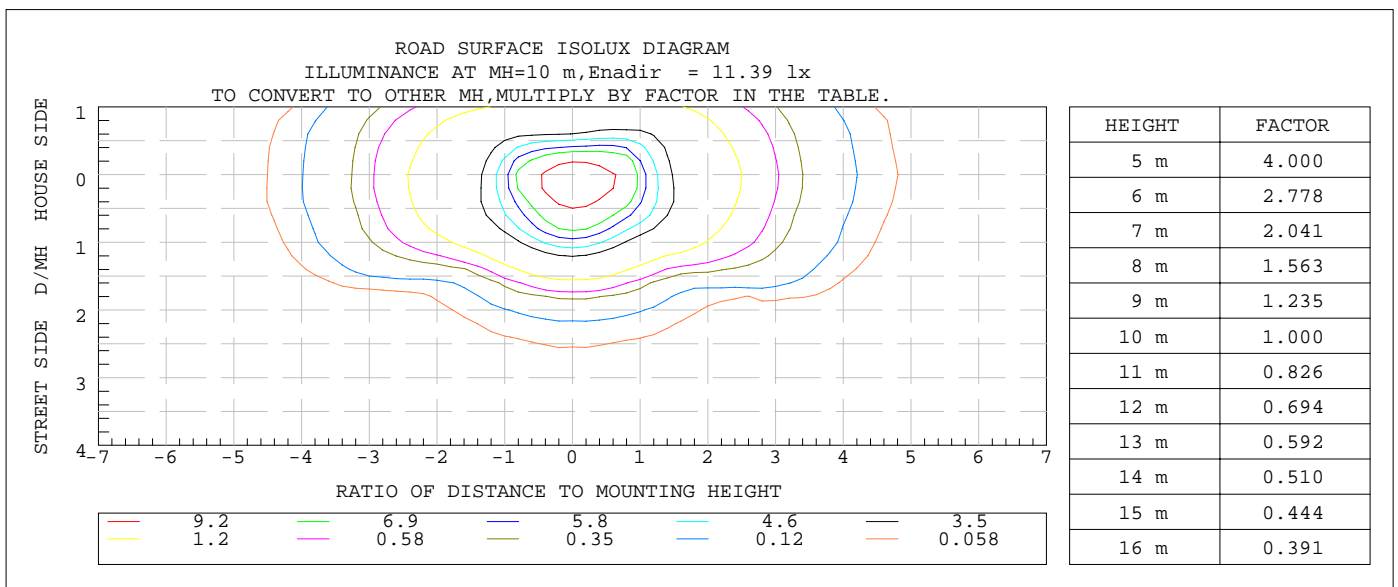
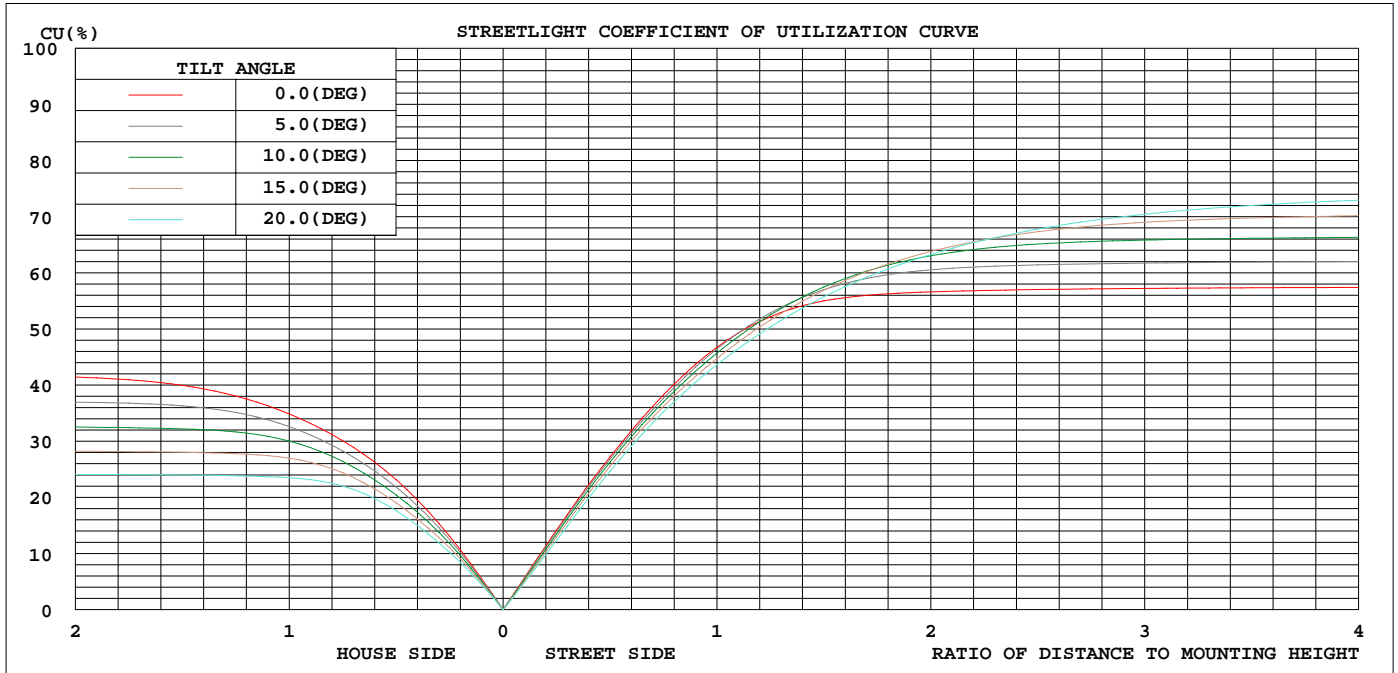
Classification:

IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:79.09cd/klm
Max.At90:0.5581cd/klm
Max.80-90:79.09cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	2365
90%	2129
80%	1892
70%	1656
60%	1419
50%	1183
40%	946
30%	710
20%	473
10%	237
5%	118

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

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:219.60V I:0.1397A P:29.724W PF:0.9690 Freq:50.00Hz Lamp Flux:5046.36x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740024G 30w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:

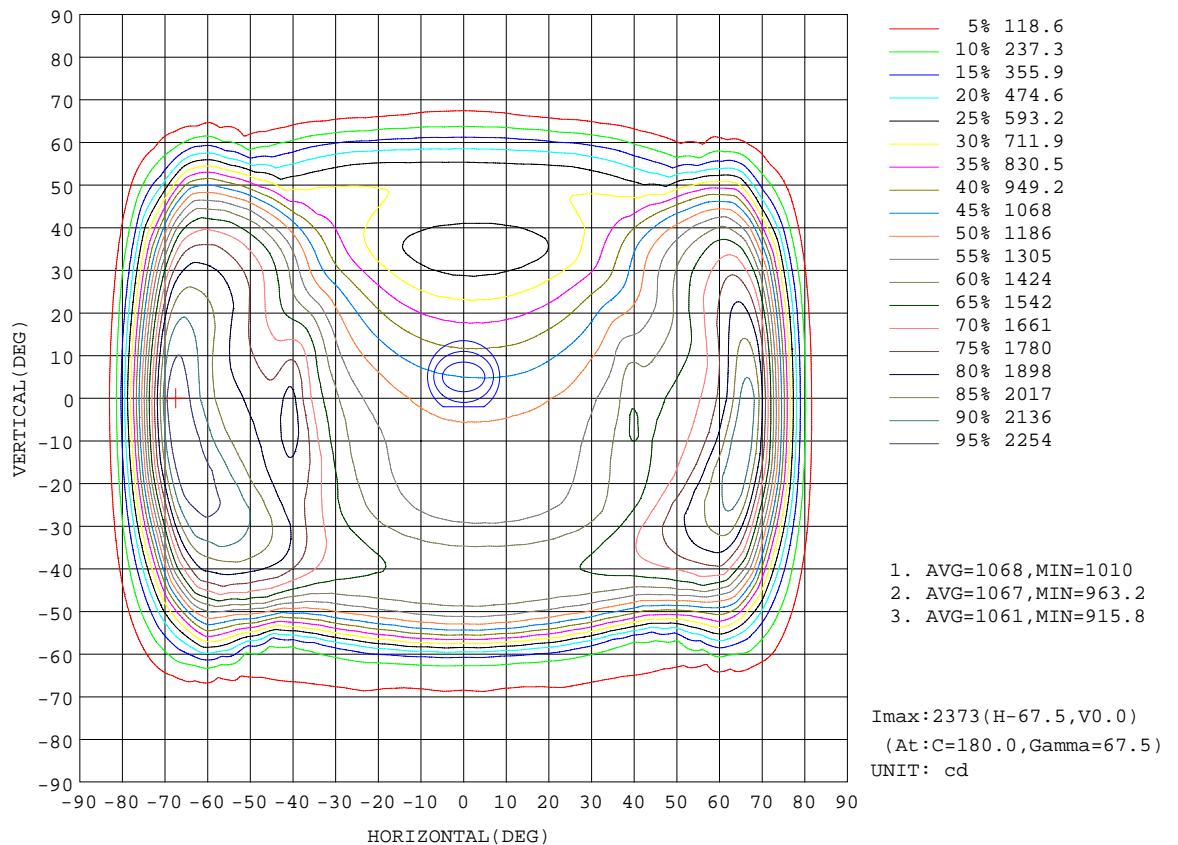
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	1138	1199	1216	1216	1164	1052	982.2	1035	0- 10	107.8	107.8	2.14,2.14
20	1179	1237	1237	1280	1254	978.2	782.6	928.9	10- 20	316.5	424.3	8.41,8.41
30	1283	1280	1321	1375	1441	935.8	571.1	842.4	20- 30	515.4	939.7	18.6,18.6
40	1525	1419	1515	1555	1917	886.1	577.3	752.8	30- 40	749.0	1689	33.5,33.5
50	1577	1560	1367	1626	1864	877.5	706.4	777.5	40- 50	1006	2695	53.4,53.4
60	1802	955.4	421.7	1032	2063	647.8	415.9	611.2	50- 60	1114	3809	75.5,75.5
70	1903	135.6	103.7	150.2	2193	144.2	87.75	116.4	60- 70	851.8	4661	92.4,92.4
80	256.0	36.70	28.19	47.90	399.1	30.83	21.79	23.86	70- 80	347.4	5008	99.2,99.2
90	0.4801	0.7576	0.1073	1.041	2.817	0.2399	0.2960	0.1705	80- 90	24.46	5032	99.7,99.7
100	2.114	0.3153	0.0943	0.2841	2.437	0.4048	0.2522	0.5027	90-100	0.5669	5033	99.7,99.7
110	3.821	1.007	0.4602	0.9040	4.002	1.665	0.9139	1.802	100-110	1.396	5034	99.8,99.8
120	4.574	1.865	1.068	1.712	4.251	2.962	2.257	3.148	110-120	2.313	5037	99.8,99.8
130	4.590	2.410	1.505	2.080	3.812	3.534	3.574	4.074	120-130	2.704	5039	99.9,99.9
140	4.054	2.587	1.656	2.196	3.217	3.541	3.793	4.106	130-140	2.457	5042	99.9,99.9
150	3.604	2.668	1.813	2.334	3.022	3.417	3.553	3.739	140-150	1.926	5044	99.9,99.9
160	3.395	2.765	2.190	2.542	3.030	3.322	3.448	3.518	150-160	1.393	5045	100,100
170	3.288	2.975	2.698	2.878	3.180	3.283	3.336	3.367	160-170	0.8646	5046	100,100
180	3.363	3.216	3.197	3.214	3.342	3.216	3.218	3.245	170-180	0.3004	5046	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

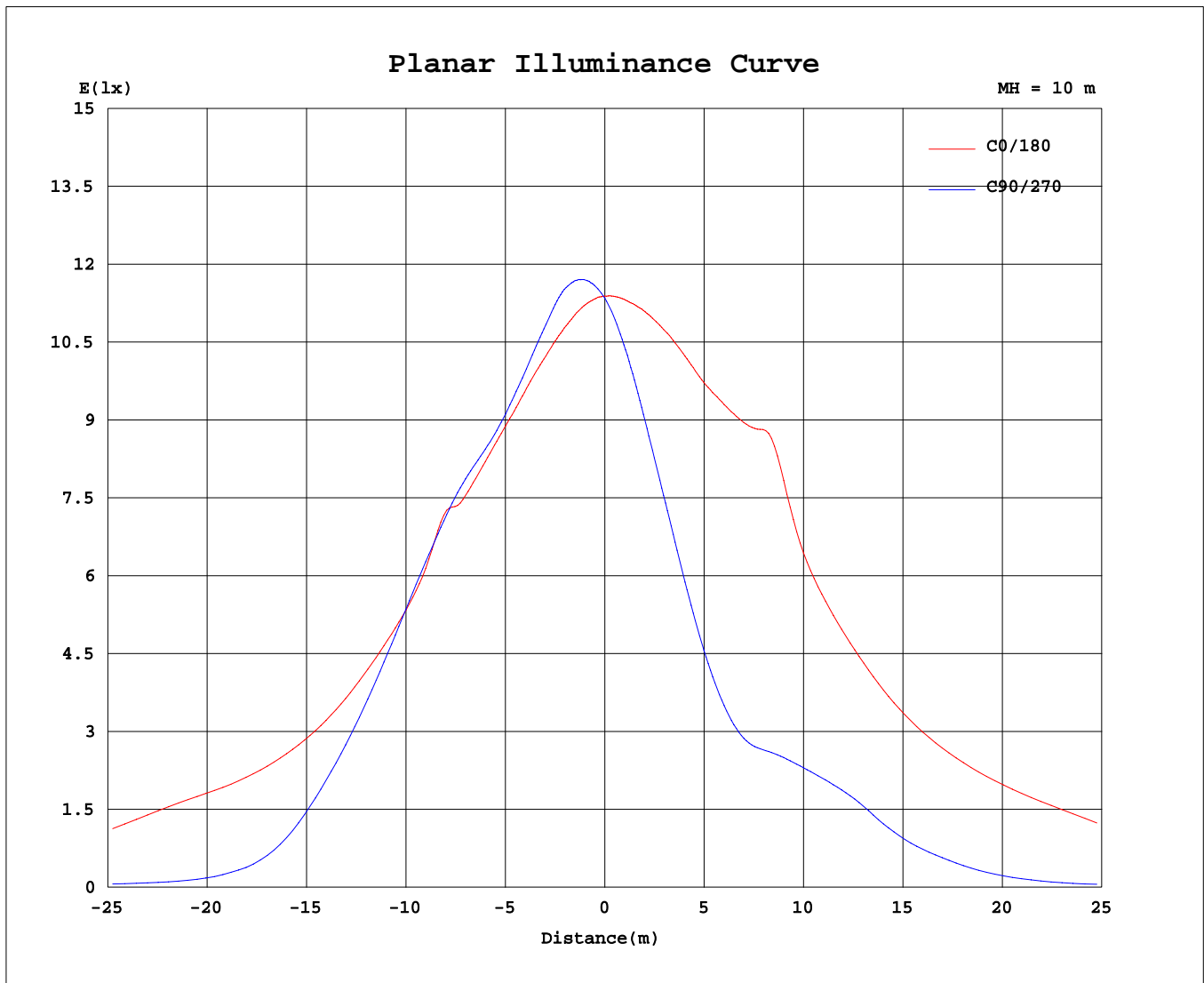
Test:U:219.60V I:0.1397A P:29.724W PF:0.9690 Freq:50.00Hz Lamp Flux:5046.36x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740024G 30w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:



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

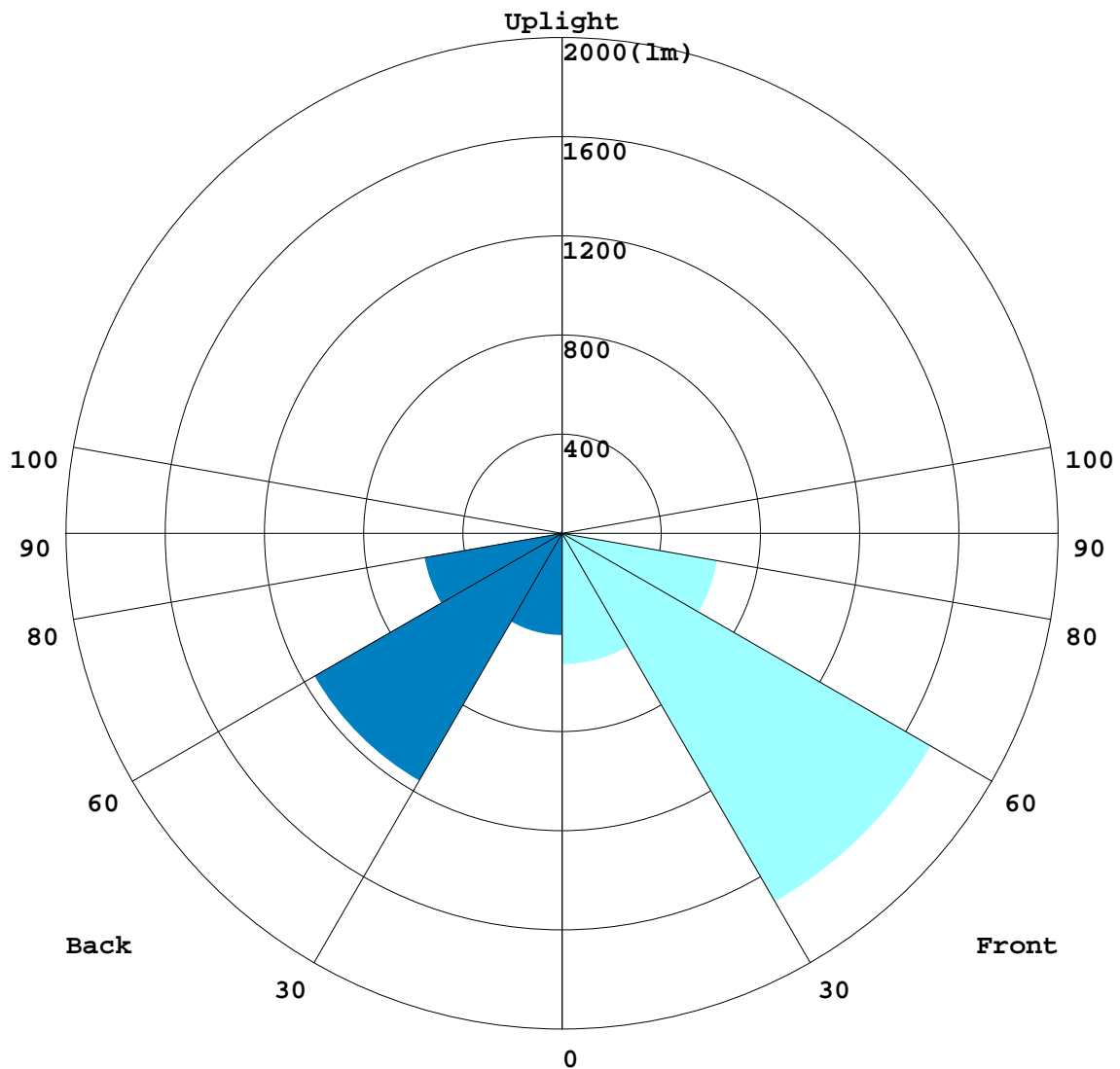


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-12-03

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:219.60V I:0.1397A P:29.724W PF:0.9690 Freq:50.00Hz Lamp Flux:5046.36x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740024G 30w4000K 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:219.60V I:0.1397A P:29.724W PF:0.9690 Freq:50.00Hz Lamp Flux:5046.36x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740024G 30w4000K 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)	528.49	10.5
FM - Front-Medium(30-60)	1716.5	34.0
FH - Front-High(60-80)	636.37	12.6
FVH - Front-Very High(80-90)	13.846	0.3
Total Forward Light	2900.9	57.5

BL - Back-Low(0-30)	411.22	8.1
BM - Back-Medium(30-60)	1152.6	22.8
BH - Back-High(60-80)	562.82	11.2
BVH - Back-Very High(80-90)	10.612	0.2
Total Back Light	2145.5	42.5

UL - Uplight-Low(90-100)	0.56686	0.0
UH - Uplight-High(100-180)	13.355	0.3
Total Up Light	13.921	0.3

BUG(Back,Up,Glare) Rating	B2-U2-G2
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	2137.2	8.2306	2145.5
Street Side	2895.2	5.6908	2900.9

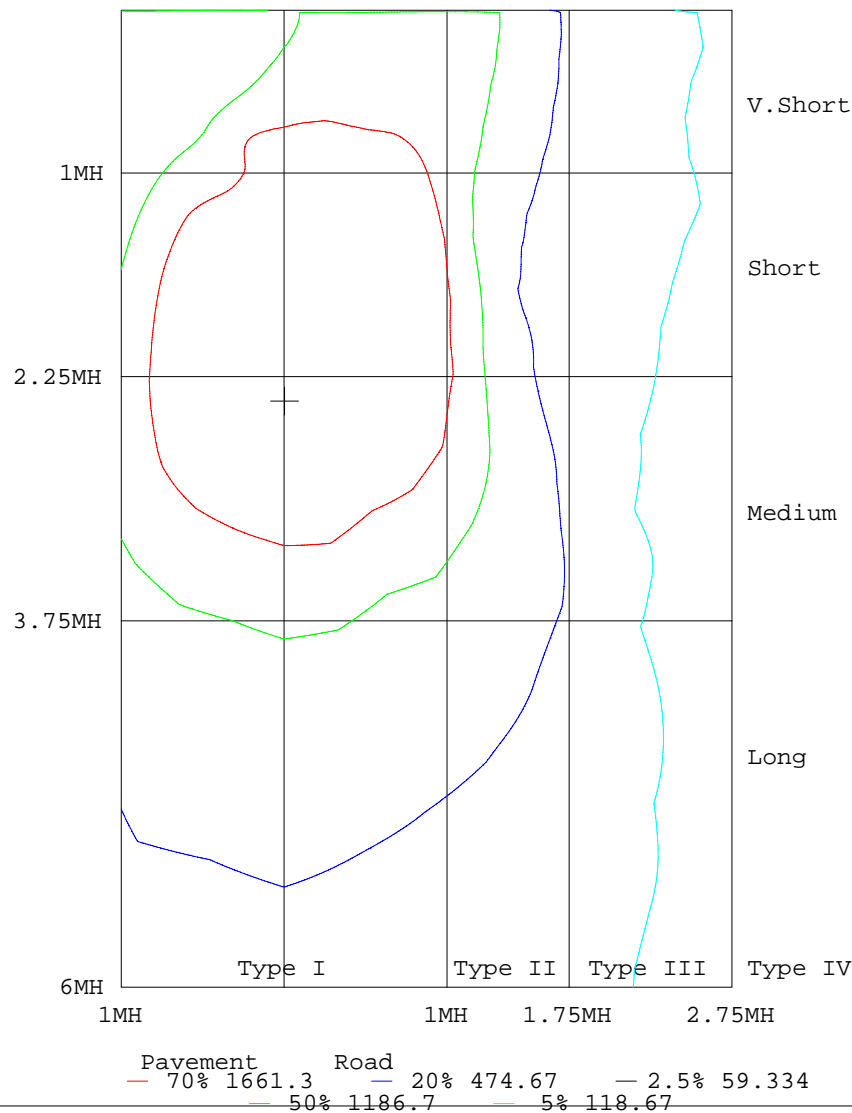
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-12-03

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:219.60V I:0.1397A P:29.724W PF:0.9690 Freq:50.00Hz Lamp Flux:5046.36x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740024G 30w4000K 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:219.60V I:0.1397A P:29.724W PF:0.9690 Freq:50.00Hz Lamp Flux:5046.36x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740024G 30w4000K 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	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135
5	1134	1139	1143	1148	1152	1156	1159	1163	1166	1169	1171	1173	1176	1177	1178	1180	1181	1181	1182
10	1138	1147	1157	1165	1174	1180	1185	1190	1196	1199	1203	1206	1208	1209	1211	1213	1215	1215	1216
15	1151	1165	1178	1189	1199	1208	1214	1218	1223	1226	1227	1228	1226	1227	1225	1226	1226	1228	1229
20	1179	1196	1211	1221	1231	1234	1235	1237	1236	1237	1235	1234	1232	1232	1230	1231	1232	1234	1237
25	1219	1237	1252	1256	1260	1261	1261	1259	1256	1254	1252	1251	1248	1249	1248	1251	1254	1257	1260
30	1283	1297	1307	1309	1308	1302	1296	1288	1283	1280	1279	1281	1284	1289	1296	1302	1311	1316	1321
35	1369	1383	1393	1388	1379	1361	1347	1333	1326	1325	1335	1348	1365	1379	1395	1408	1421	1427	1432
40	1525	1548	1545	1519	1488	1453	1424	1404	1406	1419	1442	1459	1475	1486	1498	1507	1512	1514	1515
45	1505	1531	1538	1529	1519	1507	1507	1514	1525	1529	1531	1530	1525	1524	1521	1522	1517	1518	1516
50	1577	1602	1611	1612	1633	1658	1663	1634	1596	1560	1521	1487	1447	1423	1397	1389	1376	1379	1367
55	1647	1681	1723	1790	1841	1808	1728	1629	1505	1407	1308	1239	1158	1112	1060	1050	1017	1019	1002
60	1802	1888	2006	2020	1956	1819	1618	1395	1134	955	794	697	601	558	490	466	434	436	422
65	2143	2227	2206	2097	1888	1640	1236	804	434	267	233	217	199	189	170	167	162	164	157
70	1903	1901	1796	1708	1488	1058	580	199	146	136	124	119	117	116	109	105	104	107	104
75	979	1019	919	866	677	410	127	98.3	86.2	80.4	75.4	73.3	67.2	65.2	59.4	57.2	56.1	59.6	57.1
80	256	257	243	197	122	67.3	50.8	43.8	38.8	36.7	32.8	31.4	28.6	28.6	27.9	28.2	28.5	29.2	28.2
85	17.9	22.7	22.7	23.0	17.1	14.1	11.7	10.6	8.99	9.17	8.30	8.49	7.71	7.92	7.57	8.01	7.89	7.92	6.43
90	0.48	0.50	0.41	0.39	0.53	0.26	0.20	0.16	0.16	0.76	0.14	0.10	0.14	0.11	0.14	0.22	0.16	0.19	0.11
95	1.16	1.14	0.98	0.90	0.65	0.56	0.31	0.29	0.16	0.20	0.14	0.14	0.11	0.14	0.13	0.13	0.12	0.13	0.09
100	2.11	2.05	1.84	1.66	1.30	1.09	0.74	0.60	0.32	0.32	0.15	0.23	0.13	0.21	0.13	0.19	0.13	0.19	0.09
105	3.05	2.99	2.72	2.48	2.05	1.74	1.28	1.05	0.69	0.61	0.39	0.42	0.29	0.36	0.27	0.33	0.21	0.32	0.21
110	3.82	3.73	3.44	3.17	2.70	2.36	1.85	1.57	1.16	1.01	0.72	0.71	0.56	0.61	0.48	0.57	0.47	0.54	0.46
115	4.33	4.31	4.00	3.72	3.24	2.92	2.41	2.11	1.66	1.45	1.13	1.06	0.88	0.92	0.81	0.87	0.75	0.85	0.74
120	4.57	4.52	4.27	4.11	3.63	3.34	2.85	2.55	2.10	1.87	1.51	1.43	1.20	1.25	1.15	1.18	1.09	1.17	1.07
125	4.64	4.50	4.34	4.11	3.82	3.50	3.11	2.86	2.41	2.19	1.85	1.75	1.53	1.54	1.41	1.48	1.35	1.45	1.34
130	4.59	4.37	4.32	3.99	3.84	3.47	3.16	2.95	2.58	2.41	2.06	1.98	1.74	1.73	1.57	1.64	1.53	1.63	1.51
135	4.36	4.13	4.09	3.82	3.71	3.37	3.17	2.95	2.66	2.52	2.19	2.12	1.85	1.85	1.67	1.74	1.61	1.69	1.59
140	4.05	3.83	3.83	3.60	3.58	3.30	3.18	2.95	2.69	2.59	2.29	2.20	1.98	1.94	1.76	1.79	1.68	1.73	1.66
145	3.76	3.60	3.64	3.49	3.45	3.20	3.16	2.95	2.71	2.62	2.32	2.29	2.03	2.03	1.85	1.90	1.74	1.82	1.69
150	3.60	3.46	3.53	3.37	3.38	3.17	3.11	2.95	2.72	2.67	2.40	2.37	2.16	2.15	1.97	2.01	1.86	1.94	1.81
155	3.51	3.38	3.47	3.31	3.32	3.15	3.09	2.96	2.73	2.70	2.52	2.46	2.29	2.29	2.17	2.18	2.01	2.11	1.98
160	3.39	3.30	3.36	3.24	3.25	3.12	3.06	2.97	2.79	2.77	2.56	2.59	2.41	2.44	2.31	2.36	2.23	2.32	2.19
165	3.30	3.31	3.30	3.25	3.20	3.13	3.06	2.99	2.87	2.86	2.68	2.74	2.59	2.66	2.50	2.59	2.47	2.54	2.46
170	3.29	3.31	3.29	3.25	3.19	3.14	3.06	3.05	2.89	2.97	2.84	2.90	2.81	2.85	2.72	2.83	2.71	2.79	2.70
175	3.30	3.34	3.29	3.24	3.19	3.19	3.06	3.14	3.01	3.10	2.99	3.09	3.01	3.06	2.94	3.06	2.93	3.05	2.92
180	3.36	3.34	3.28	3.24	3.19	3.20	3.20	3.20	3.19	3.22	3.19	3.21	3.18	3.22	3.20	3.22	3.19	3.21	3.20

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:219.60V I:0.1397A P:29.724W PF:0.9690 Freq:50.00Hz Lamp Flux:5046.36x1 lm		
NAME:Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740024G 30w4000K 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	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135
5	1182	1182	1182	1181	1180	1179	1178	1177	1176	1173	1170	1168	1164	1161	1157	1153	1148	1143	1138
10	1218	1218	1219	1219	1219	1219	1219	1217	1216	1213	1209	1207	1201	1196	1189	1184	1175	1164	1155
15	1232	1233	1238	1240	1244	1247	1251	1254	1255	1255	1254	1252	1248	1244	1235	1228	1215	1201	1186
20	1240	1242	1247	1250	1257	1260	1267	1273	1280	1288	1295	1300	1300	1298	1292	1285	1273	1254	1235
25	1264	1266	1271	1274	1281	1287	1296	1305	1316	1326	1337	1348	1355	1362	1362	1361	1347	1324	1300
30	1323	1326	1327	1330	1333	1339	1349	1361	1375	1392	1407	1427	1441	1459	1467	1476	1468	1441	1414
35	1433	1436	1435	1435	1432	1433	1434	1441	1453	1475	1507	1550	1588	1627	1646	1662	1655	1623	1594
40	1518	1519	1521	1522	1526	1531	1536	1544	1555	1579	1617	1682	1752	1821	1876	1924	1943	1917	1864
45	1520	1517	1522	1522	1533	1543	1566	1591	1627	1674	1735	1797	1835	1863	1877	1876	1857	1816	1768
50	1373	1370	1384	1391	1420	1446	1496	1546	1626	1728	1851	1939	1970	1962	1938	1929	1912	1864	1815
55	1019	1018	1048	1059	1114	1162	1246	1324	1457	1649	1861	1998	2097	2142	2115	2050	1994	1941	1895
60	441	447	488	513	584	638	742	850	1032	1306	1651	1883	2085	2201	2255	2244	2159	2063	2035
65	166	169	176	181	208	223	244	274	356	617	1135	1566	1871	2078	2243	2305	2342	2286	2196
70	107	106	108	113	123	124	130	138	150	166	397	902	1388	1746	1898	2034	2139	2193	2087
75	60.1	58.6	62.1	67.3	74.7	76.8	83.0	87.3	95.1	102	120	269	660	864	1080	1116	1260	1278	1204
80	29.8	30.4	31.0	31.7	33.3	34.2	38.9	42.0	47.9	52.1	58.4	69.8	99.0	188	275	317	363	399	356
85	8.75	8.95	9.64	9.61	10.6	11.0	12.6	13.3	15.3	15.9	19.3	22.4	29.5	34.9	41.9	44.1	46.6	44.3	34.7
90	0.26	0.46	0.73	0.55	0.83	0.74	0.92	0.84	1.04	0.96	1.26	1.12	1.57	1.56	2.00	1.89	2.20	2.82	2.45
95	0.13	0.14	0.14	0.12	0.15	0.14	0.16	0.21	0.18	0.18	0.24	0.27	0.50	0.56	0.77	0.83	0.96	1.49	1.46
100	0.18	0.14	0.20	0.13	0.21	0.15	0.22	0.16	0.28	0.27	0.52	0.67	1.01	1.19	1.48	1.62	1.80	2.44	2.41
105	0.32	0.24	0.33	0.24	0.36	0.30	0.41	0.35	0.53	0.62	0.98	1.25	1.68	1.95	2.31	2.48	2.70	3.34	3.29
110	0.53	0.49	0.55	0.49	0.61	0.54	0.68	0.67	0.90	1.09	1.50	1.84	2.30	2.57	2.96	3.17	3.42	4.00	3.96
115	0.84	0.79	0.86	0.80	0.91	0.86	1.01	1.03	1.34	1.54	2.01	2.29	2.72	2.96	3.35	3.53	3.89	4.25	4.26
120	1.17	1.09	1.17	1.09	1.22	1.16	1.34	1.38	1.71	1.89	2.31	2.50	2.77	3.05	3.38	3.67	3.96	4.25	4.32
125	1.44	1.33	1.43	1.33	1.46	1.39	1.61	1.65	1.95	2.07	2.40	2.53	2.77	3.05	3.36	3.68	3.88	4.07	4.23
130	1.60	1.48	1.58	1.51	1.62	1.56	1.76	1.85	2.08	2.16	2.44	2.54	2.77	3.05	3.34	3.65	3.76	3.81	3.95
135	1.67	1.54	1.64	1.55	1.70	1.67	1.89	1.89	2.15	2.19	2.45	2.54	2.78	3.05	3.19	3.49	3.52	3.46	3.63
140	1.71	1.59	1.71	1.63	1.80	1.82	1.97	1.98	2.20	2.23	2.48	2.56	2.74	3.03	3.07	3.33	3.32	3.22	3.40
145	1.81	1.70	1.81	1.75	1.92	1.86	2.07	2.05	2.28	2.31	2.50	2.56	2.74	2.93	2.97	3.18	3.16	3.06	3.23
150	1.94	1.86	1.95	1.87	2.04	1.98	2.16	2.17	2.33	2.34	2.54	2.55	2.74	2.86	2.97	3.09	3.09	3.02	3.10
155	2.08	2.00	2.09	2.00	2.15	2.10	2.28	2.21	2.41	2.39	2.60	2.60	2.79	2.86	2.98	3.07	3.09	3.03	3.08
160	2.30	2.18	2.29	2.19	2.33	2.25	2.41	2.37	2.54	2.52	2.68	2.67	2.83	2.86	2.99	3.05	3.09	3.03	3.06
165	2.53	2.43	2.52	2.43	2.55	2.49	2.61	2.55	2.71	2.69	2.79	2.77	2.90	2.86	3.00	3.05	3.11	3.09	3.05
170	2.78	2.66	2.77	2.66	2.81	2.70	2.84	2.80	2.88	2.83	2.94	2.88	3.00	2.93	3.07	3.05	3.16	3.18	3.06
175	3.04	2.92	3.02	2.97	3.04	2.93	3.05	3.01	3.08	2.99	3.10	3.02	3.14	3.03	3.16	3.09	3.23	3.30	3.16
180	3.21	3.20	3.22	3.19	3.22	3.18	3.21	3.21	3.21	3.20	3.22	3.20	3.20	3.19	3.20	3.19	3.23	3.34	3.28

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:219.60V I:0.1397A P:29.724W PF:0.9690 Freq:50.00Hz Lamp Flux:5046.36x1 lm		
NAME: AL6740024G 30w4000K With glass	TYPE: LED	WEIGHT: 1.8
SPEC.:	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	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135
5	1133	1128	1122	1117	1111	1106	1100	1095	1090	1086	1082	1077	1074	1071	1070	1067	1068	1067	1068
10	1143	1132	1119	1106	1092	1079	1066	1052	1040	1028	1018	1007	1000	992	988	983	982	982	984
15	1168	1150	1129	1107	1083	1059	1035	1011	989	967	948	930	916	903	895	888	886	885	889
20	1210	1185	1153	1122	1086	1051	1014	978	943	911	882	852	829	809	796	785	783	781	787
25	1269	1236	1194	1153	1105	1055	1005	953	902	853	808	766	734	705	689	674	670	668	676
30	1372	1326	1267	1208	1142	1078	1007	936	864	795	735	683	643	611	590	575	571	571	580
35	1545	1489	1408	1319	1214	1114	1013	917	824	740	672	617	577	549	534	526	522	521	524
40	1776	1674	1555	1423	1282	1139	1001	886	787	704	643	612	594	588	581	582	577	576	570
45	1714	1641	1552	1448	1316	1163	1008	884	783	720	690	677	664	660	654	654	651	649	644
50	1759	1703	1641	1566	1443	1254	1038	877	784	748	727	714	706	703	703	705	706	704	699
55	1864	1843	1779	1669	1500	1250	964	792	747	714	691	673	655	637	620	610	606	607	612
60	2022	1954	1830	1660	1423	1090	738	648	603	570	539	495	462	437	426	415	416	417	425
65	2091	1947	1767	1508	1153	733	471	407	368	322	279	234	216	195	194	187	189	187	192
70	1937	1744	1491	1110	649	269	176	144	119	99.2	94.1	85.7	83.1	81.9	85.9	87.0	87.8	86.2	83.7
75	1165	1015	805	457	166	77.5	71.3	63.6	59.3	55.1	53.7	51.6	50.1	47.9	48.5	49.0	49.9	48.5	47.1
80	337	214	113	55.7	45.4	39.6	35.9	30.8	29.5	27.0	26.3	24.9	24.4	22.7	22.4	21.5	21.8	20.9	21.1
85	30.3	24.1	20.7	16.4	14.3	11.9	10.8	9.25	8.79	7.80	7.74	6.85	6.77	5.63	5.43	4.70	4.76	4.34	4.68
90	2.41	1.75	1.65	1.03	0.88	0.49	0.45	0.24	0.96	0.18	0.15	0.17	0.14	0.22	0.12	0.13	0.30	0.13	0.13
95	1.44	1.25	1.13	0.86	0.70	0.41	0.34	0.21	0.22	0.18	0.19	0.16	0.18	0.15	0.17	0.13	0.16	0.14	0.17
100	2.39	2.16	1.96	1.61	1.34	0.95	0.71	0.40	0.37	0.23	0.31	0.21	0.28	0.16	0.26	0.17	0.25	0.16	0.26
105	3.28	3.01	2.80	2.41	2.10	1.66	1.36	0.96	0.80	0.59	0.60	0.48	0.52	0.42	0.49	0.40	0.48	0.40	0.49
110	3.95	3.64	3.46	3.07	2.81	2.38	2.09	1.67	1.46	1.19	1.13	0.98	1.00	0.88	0.94	0.84	0.91	0.84	0.93
115	4.27	4.02	3.90	3.57	3.38	2.99	2.77	2.36	2.18	1.90	1.81	1.66	1.66	1.52	1.58	1.48	1.54	1.49	1.56
120	4.29	4.17	4.00	3.81	3.68	3.41	3.28	2.96	2.81	2.56	2.51	2.35	2.36	2.24	2.28	2.20	2.26	2.18	2.27
125	4.11	4.14	3.96	3.83	3.73	3.63	3.56	3.37	3.34	3.14	3.14	2.99	3.04	2.92	2.99	2.91	2.99	2.90	2.98
130	3.87	3.94	3.83	3.85	3.66	3.65	3.60	3.53	3.53	3.49	3.55	3.44	3.54	3.46	3.55	3.48	3.57	3.49	3.56
135	3.57	3.70	3.59	3.68	3.57	3.65	3.53	3.54	3.52	3.55	3.57	3.63	3.63	3.66	3.77	3.75	3.85	3.79	3.80
140	3.32	3.49	3.40	3.54	3.45	3.56	3.45	3.54	3.49	3.56	3.54	3.66	3.62	3.68	3.75	3.84	3.79	3.84	3.81
145	3.16	3.31	3.25	3.40	3.31	3.45	3.36	3.51	3.41	3.56	3.52	3.63	3.55	3.67	3.63	3.76	3.65	3.77	3.66
150	3.08	3.20	3.17	3.28	3.21	3.36	3.31	3.42	3.34	3.49	3.41	3.55	3.50	3.62	3.53	3.67	3.55	3.67	3.54
155	3.08	3.15	3.14	3.22	3.21	3.29	3.21	3.37	3.34	3.45	3.35	3.51	3.42	3.55	3.50	3.60	3.51	3.59	3.50
160	3.08	3.13	3.15	3.20	3.21	3.27	3.21	3.32	3.27	3.38	3.35	3.46	3.35	3.51	3.41	3.52	3.45	3.54	3.41
165	3.12	3.13	3.17	3.19	3.21	3.25	3.21	3.30	3.24	3.35	3.26	3.40	3.35	3.43	3.35	3.46	3.35	3.45	3.35
170	3.16	3.13	3.19	3.19	3.21	3.24	3.21	3.28	3.23	3.32	3.22	3.37	3.25	3.37	3.32	3.41	3.34	3.41	3.31
175	3.23	3.18	3.20	3.19	3.21	3.24	3.21	3.26	3.22	3.28	3.21	3.32	3.22	3.34	3.27	3.37	3.26	3.35	3.24
180	3.29	3.19	3.19	3.20	3.21	3.22	3.21	3.22	3.21	3.23	3.20	3.23	3.21	3.24	3.23	3.25	3.22	3.25	3.23

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:219.60V I:0.1397A P:29.724W PF:0.9690 Freq:50.00Hz Lamp Flux:5046.36x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 1.8		
SPEC.: AL6740024G 30w4000K 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	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135	1135				
5	1068	1071	1073	1076	1079	1084	1088	1092	1097	1103	1108	1113	1118	1124	1129				
10	986	993	998	1007	1015	1025	1035	1046	1057	1069	1081	1093	1105	1117	1128				
15	893	903	913	928	943	961	979	1001	1021	1042	1061	1081	1100	1118	1136				
20	794	810	827	849	873	901	929	960	992	1024	1055	1083	1111	1135	1159				
25	688	709	734	766	803	844	886	930	974	1018	1061	1100	1135	1167	1195				
30	592	615	643	682	728	784	842	904	964	1023	1080	1131	1180	1220	1257				
35	531	546	570	608	659	725	799	881	965	1046	1122	1189	1251	1299	1341				
40	569	565	569	580	615	674	753	848	954	1063	1167	1264	1352	1428	1489				
45	643	641	644	646	660	690	763	856	966	1071	1176	1267	1349	1415	1469				
50	697	696	699	701	712	729	778	891	1032	1160	1263	1332	1405	1470	1531				
55	626	642	663	679	693	716	746	834	1025	1221	1370	1466	1527	1554	1604				
60	433	455	479	520	549	579	611	669	871	1153	1386	1557	1680	1746	1763				
65	190	206	218	258	295	338	369	425	524	890	1253	1548	1759	1917	2034				
70	79.0	79.8	81.2	87.0	91.2	104	116	142	181	397	836	1260	1536	1713	1842				
75	45.2	46.2	46.2	47.4	48.6	53.0	55.7	62.4	66.1	81.8	244	558	736	944	961				
80	20.8	21.4	21.1	21.6	21.7	23.5	23.9	27.4	29.1	32.9	38.6	59.6	99.9	191	247				
85	4.62	5.16	4.97	5.28	5.10	5.41	5.36	6.01	6.25	7.53	8.27	10.2	11.5	14.5	16.5				
90	0.14	0.13	0.19	0.52	0.16	0.15	0.17	0.20	0.44	0.36	0.49	0.60	0.66	0.81	0.81				
95	0.13	0.18	0.15	0.19	0.18	0.22	0.18	0.41	0.50	0.80	0.97	1.27	1.45	1.65	1.69				
100	0.18	0.27	0.20	0.30	0.26	0.42	0.50	0.83	1.06	1.43	1.71	2.12	2.37	2.67	2.78				
105	0.42	0.55	0.47	0.62	0.63	0.89	1.09	1.44	1.74	2.19	2.53	3.01	3.32	3.69	3.83				
110	0.89	1.01	0.99	1.16	1.25	1.54	1.80	2.16	2.47	2.93	3.31	3.81	4.18	4.55	4.62				
115	1.52	1.64	1.64	1.82	1.96	2.26	2.48	2.87	3.17	3.64	4.03	4.53	4.78	5.08	5.08				
120	2.21	2.34	2.35	2.54	2.65	2.94	3.15	3.53	3.83	4.27	4.54	4.90	5.07	5.19	5.19				
125	2.92	3.04	3.03	3.22	3.31	3.57	3.75	4.09	4.25	4.53	4.72	4.89	5.07	5.07	5.17				
130	3.50	3.59	3.56	3.71	3.84	3.97	4.07	4.19	4.39	4.51	4.69	4.68	4.84	4.74	4.82				
135	3.82	3.85	3.85	3.85	3.94	4.02	4.17	4.18	4.38	4.34	4.47	4.36	4.48	4.35	4.43				
140	3.83	3.81	3.83	3.83	3.95	3.92	4.11	4.03	4.19	4.08	4.21	4.09	4.17	4.02	4.07				
145	3.77	3.67	3.80	3.70	3.88	3.81	3.95	3.85	3.98	3.87	4.00	3.87	3.94	3.72	3.75				
150	3.67	3.55	3.66	3.56	3.71	3.63	3.74	3.65	3.78	3.66	3.79	3.65	3.76	3.56	3.58				
155	3.57	3.51	3.58	3.51	3.60	3.51	3.62	3.51	3.64	3.52	3.63	3.52	3.63	3.47	3.47				
160	3.52	3.40	3.52	3.38	3.51	3.39	3.52	3.39	3.52	3.40	3.51	3.36	3.47	3.34	3.38				
165	3.44	3.34	3.45	3.35	3.44	3.33	3.43	3.30	3.42	3.36	3.41	3.31	3.39	3.28	3.34				
170	3.40	3.31	3.40	3.32	3.38	3.25	3.37	3.24	3.36	3.25	3.35	3.27	3.32	3.25	3.31				
175	3.35	3.22	3.33	3.22	3.33	3.23	3.31	3.24	3.31	3.24	3.30	3.25	3.31	3.25	3.31				
180	3.22	3.21	3.23	3.21	3.22	3.22	3.25	3.23	3.24	3.23	3.26	3.23	3.25	3.24	3.31				

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: