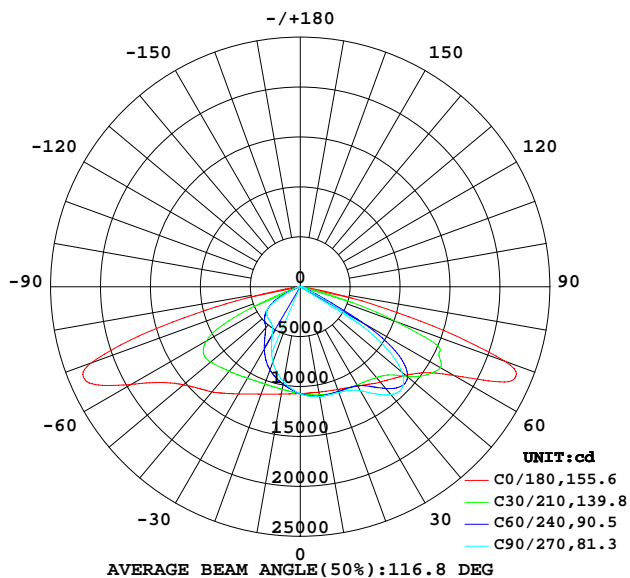
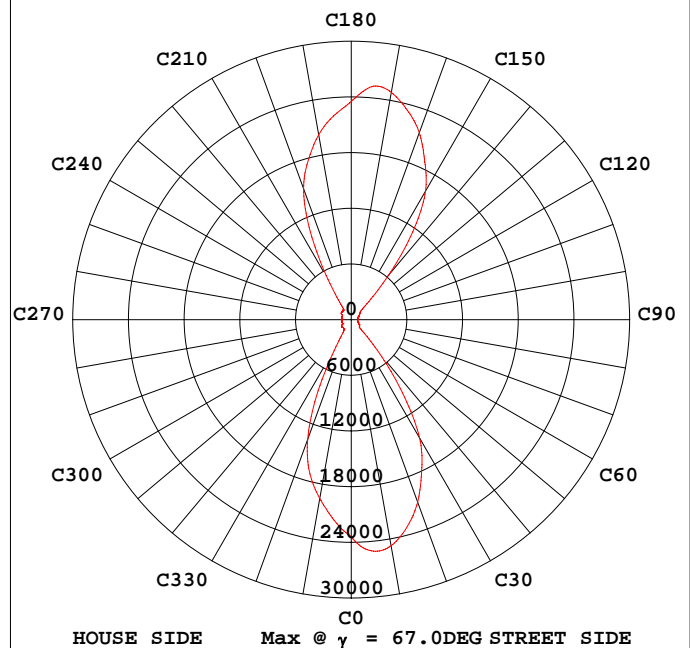


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.47V I:1.0849A P:235.54W PF:0.9803 Freq:50.00Hz Lamp Flux:45482.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740164 240w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 193.10 lm/W			
MODEL	240W4000K	Imax(cd)	25211	η street_up(%)	0.1
NOMINAL POWER(W)	240	LOR(%)	100.0	η street_down(%)	59.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	45483	η house_up(%)	0.2
NOMINAL FLUX(lm)	45482.7	MAXIMUM @(C, γ)	175,67.0	η house_down(%)	39.9
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	22.813

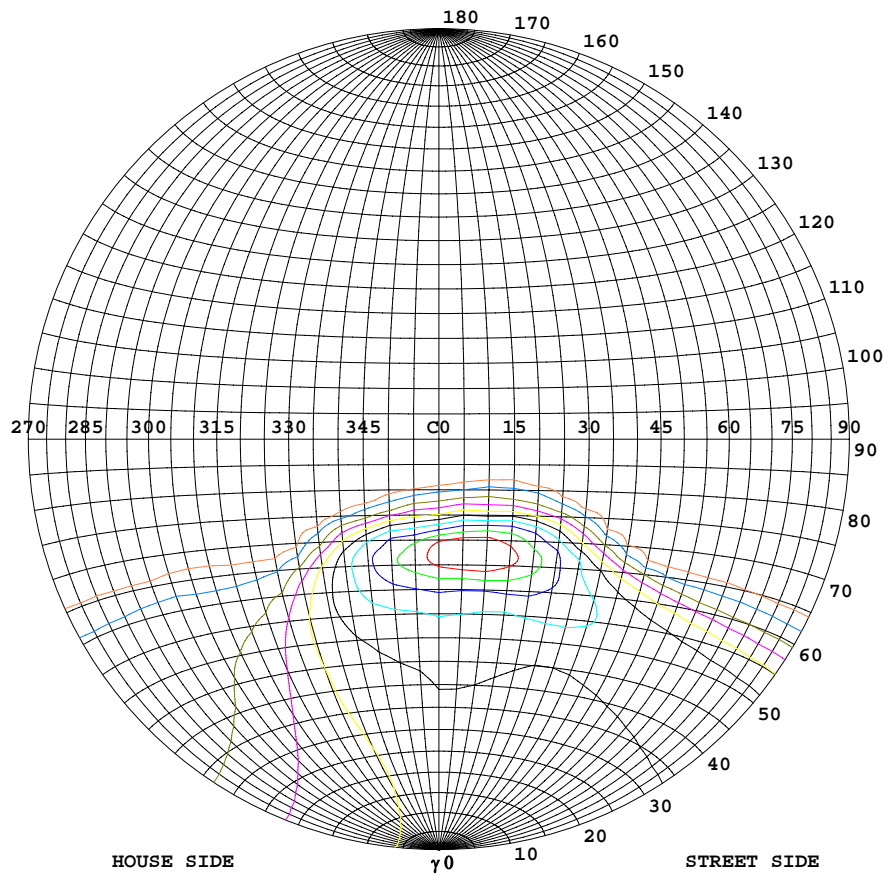
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-12-01

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:221.47V I:1.0849A P:235.54W PF:0.9803 Freq:50.00Hz Lamp Flux:45482.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740164 240w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



Classification:

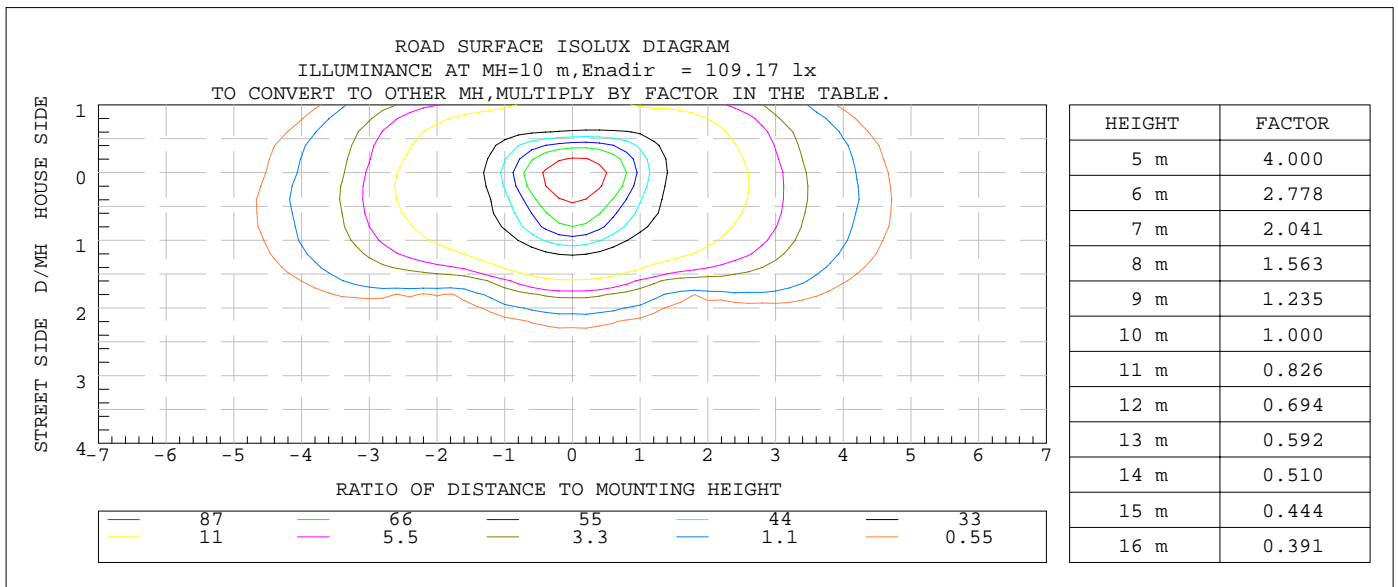
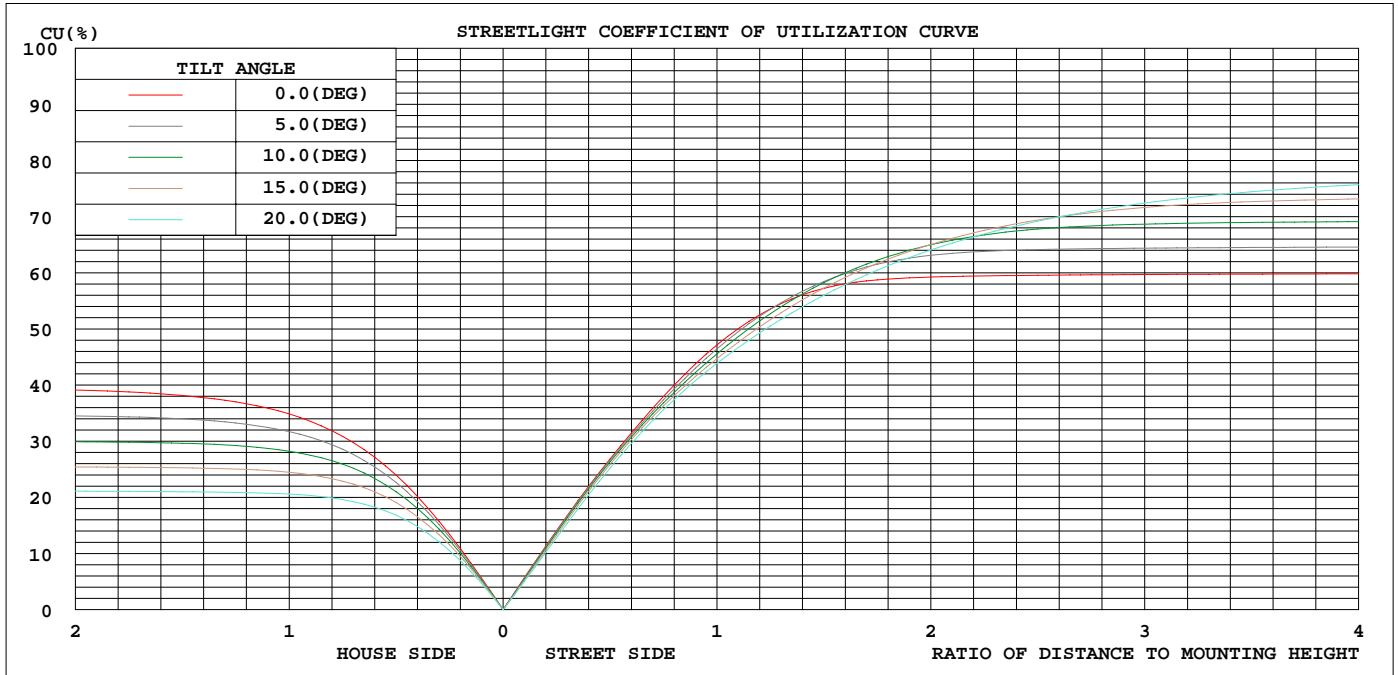
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:71.38cd/klm
Max.At90:0.2349cd/klm
Max.80-90:71.38cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
I _{max} =100%		25211
— 90%		22690
— 80%		20169
— 70%		17647
— 60%		15126
— 50%		12605
— 40%		10084
— 30%		7563
— 20%		5042
— 10%		2521
— 5%		1261

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-12-01

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: 2023-12-01

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:221.47V I:1.0849A P:235.54W PF:0.9803 Freq:50.00Hz Lamp Flux:45482.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740164 240w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

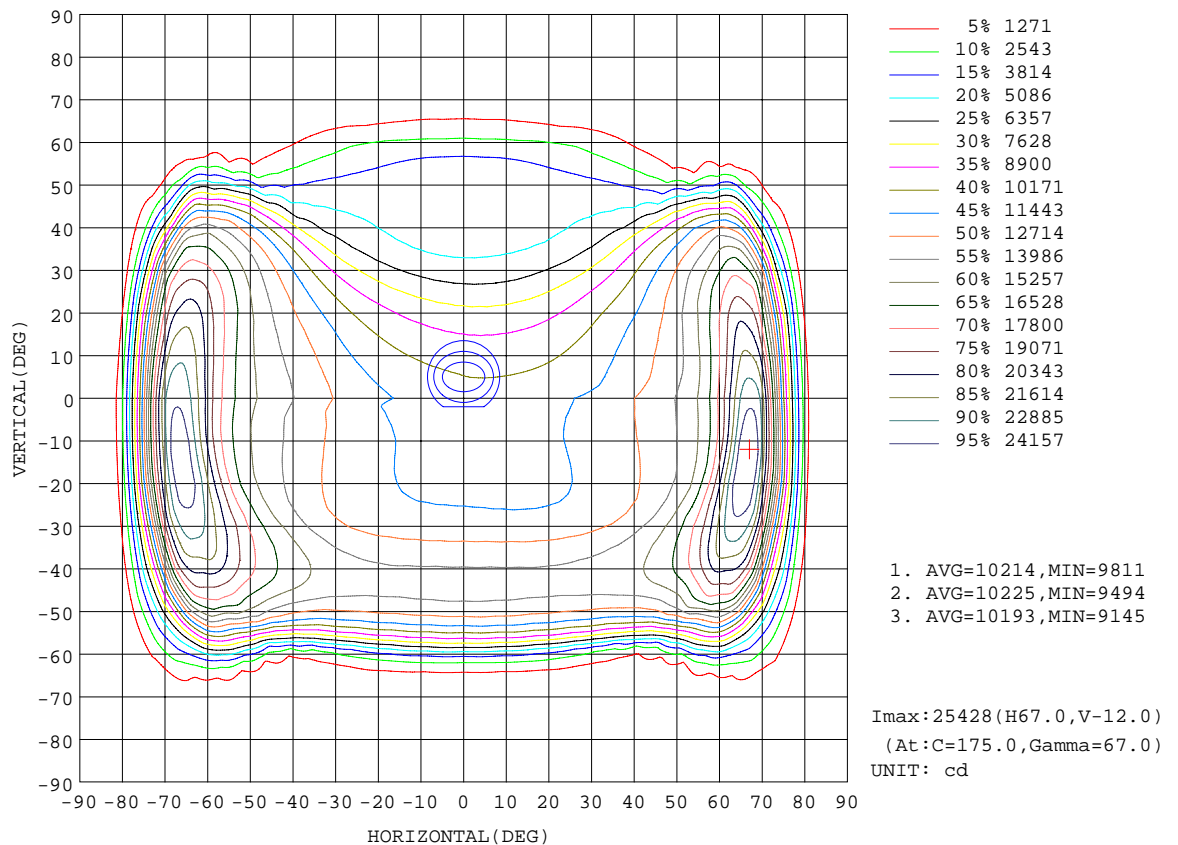
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	1072	1106	1117	1121	1092	1016	965.6	999.8	0- 10	1017	1017	2.24,2.24
20	1095	1116	1127	1145	1145	960.7	802.2	921.7	10- 20	2976	3993	8.78,8.78
30	1149	1129	1203	1177	1240	892.8	564.5	835.6	20- 30	4758	8751	19.2,19.2
40	1246	1232	1410	1291	1376	780.6	461.9	717.8	30- 40	6541	15292	33.6,33.6
50	1380	1442	1328	1500	1528	601.2	439.3	568.1	40- 50	8532	23824	52.4,52.4
60	1779	1176	442.1	1238	1956	362.5	284.5	355.5	50- 60	9716	33540	73.7,73.7
70	2178	88.58	57.80	90.39	2225	79.48	74.49	76.37	60- 70	8269	41810	91.9,91.9
80	205.1	24.93	22.35	27.28	239.2	23.11	25.50	21.46	70- 80	3358	45167	99.3,99.3
90	0.4611	0.0991	0.0979	0.1663	1.062	0.1743	0.0957	0.1288	80- 90	187.7	45355	99.7,99.7
100	2.138	0.1841	0.1566	0.1892	2.640	0.6906	0.1954	0.6925	90-100	5.678	45361	99.7,99.7
110	3.671	0.6215	0.4151	0.5909	3.989	2.036	0.9135	1.927	100-110	14.24	45375	99.8,99.8
120	4.151	1.281	0.8154	1.269	4.067	3.010	2.269	3.118	110-120	21.68	45397	99.8,99.8
130	3.742	1.827	1.151	1.741	3.353	3.251	3.451	3.702	120-130	24.02	45421	99.9,99.9
140	3.217	2.152	1.403	1.967	2.878	3.129	3.562	3.480	130-140	21.34	45442	99.9,99.9
150	2.994	2.382	1.786	2.190	2.735	3.013	3.285	3.233	140-150	17.01	45459	99.9,99.9
160	2.955	2.589	2.242	2.446	2.787	2.979	3.210	3.130	150-160	12.71	45472	100,100
170	3.041	2.832	2.705	2.768	2.975	3.029	3.169	3.120	160-170	8.120	45480	100,100
180	3.155	3.035	3.060	3.061	3.156	3.032	3.067	3.067	170-180	2.862	45483	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-12-01

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

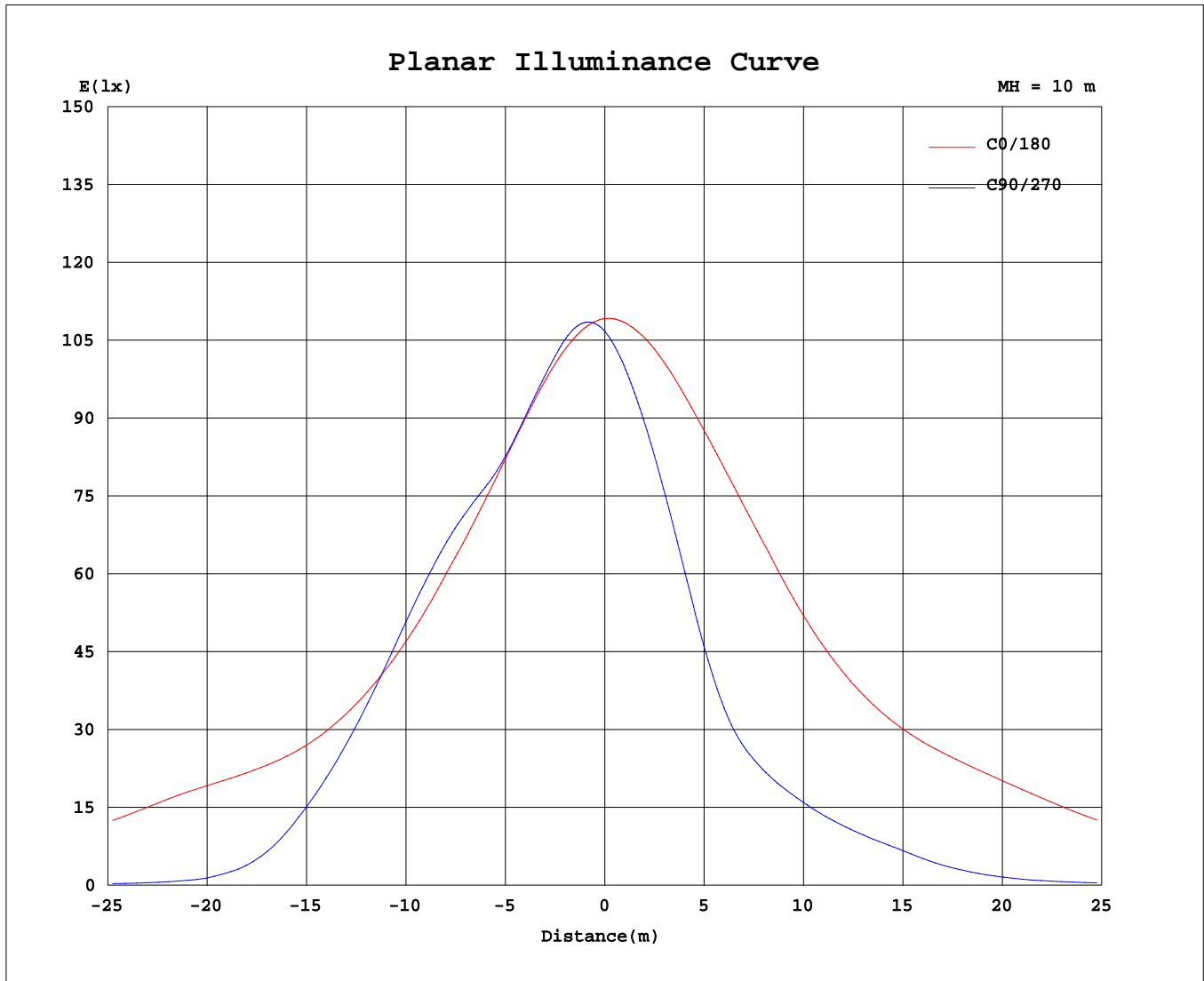
Test:U:221.47V I:1.0849A P:235.54W PF:0.9803 Freq:50.00Hz Lamp Flux:45482.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740164 240w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-12-01

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

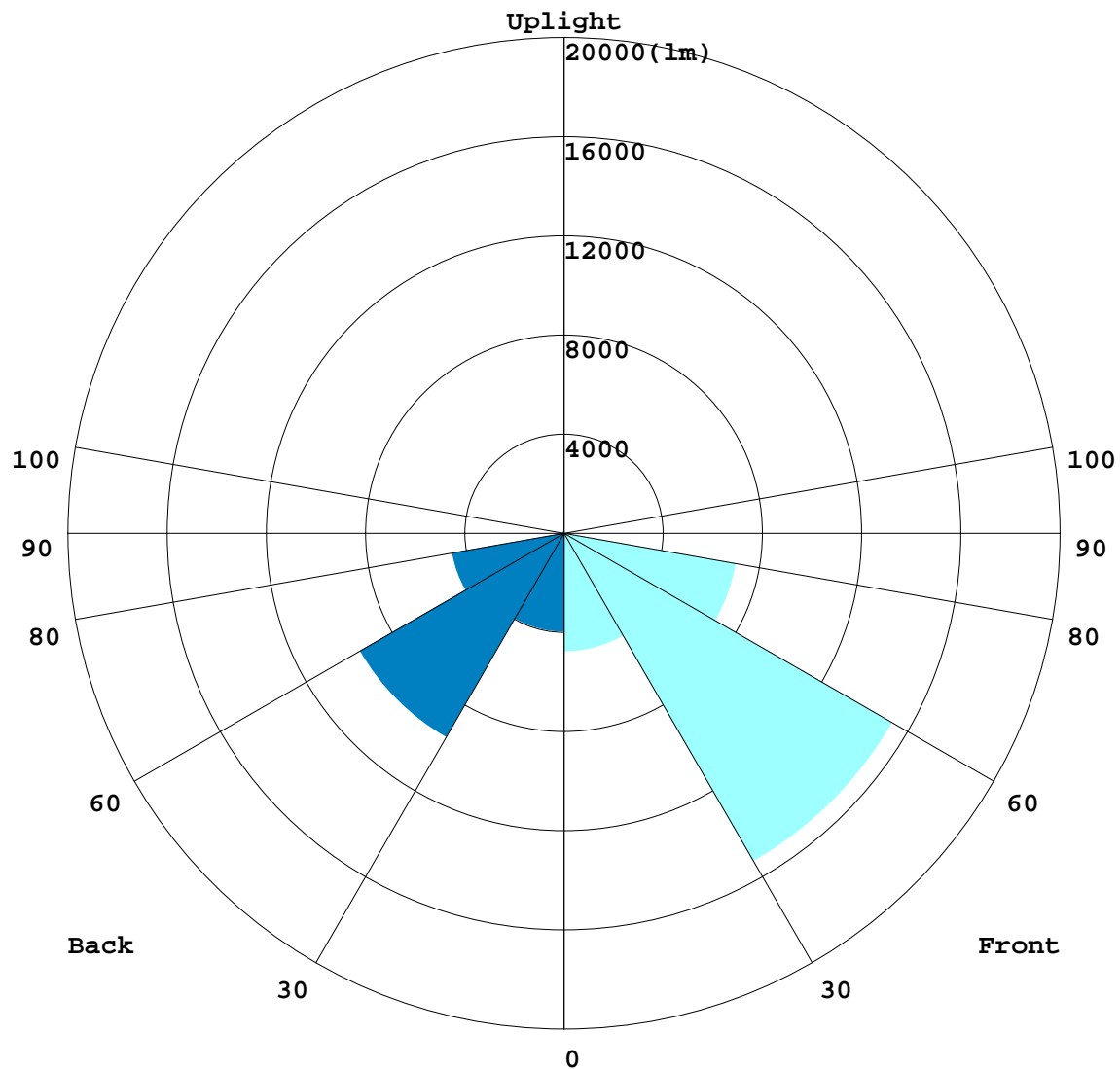


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.0°C
 Operators: yangbin
 Test Date: 2023-12-01

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:221.47V I:1.0849A P:235.54W PF:0.9803 Freq:50.00Hz Lamp Flux:45482.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740164 240w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	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: 2023-12-01

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:221.47V I:1.0849A P:235.54W PF:0.9803 Freq:50.00Hz Lamp Flux:45482.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740164 240w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4773.9	10.5
FM - Front-Medium(30-60)	15286	33.6
FH - Front-High(60-80)	7043.4	15.5
FVH - Front-Very High(80-90)	120.75	0.3
Total Forward Light	27273	60.0

BL - Back-Low(0-30)	3977.1	8.7
BM - Back-Medium(30-60)	9503.5	20.9
BH - Back-High(60-80)	4583.7	10.1
BVH - Back-Very High(80-90)	66.916	0.1
Total Back Light	18210	40.0

UL - Uplight-Low(90-100)	5.6777	0.0
UH - Uplight-High(100-180)	121.99	0.3
Total Up Light	127.67	0.3

BUG(Back,Up,Glare) Rating	B5-U3-G4
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	18131	78.346	18210
Street Side	27224	49.321	27273

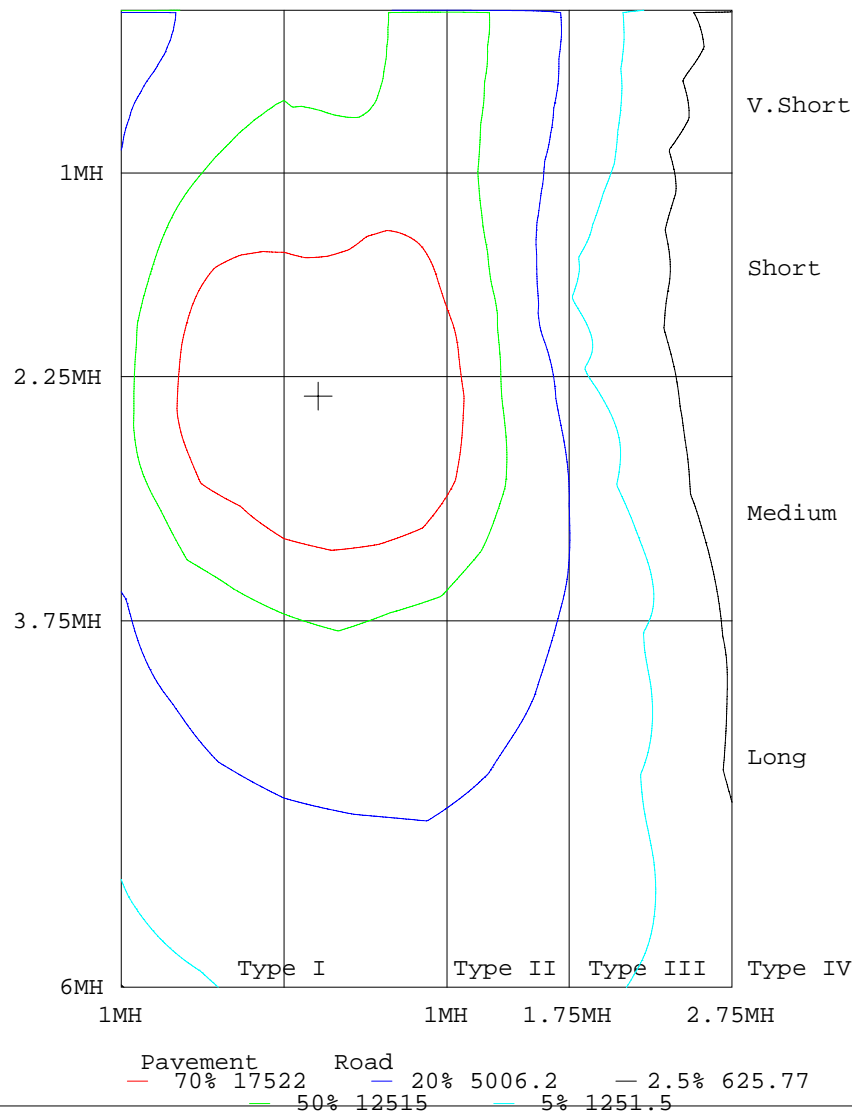
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-12-01

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:221.47V I:1.0849A P:235.54W PF:0.9803 Freq:50.00Hz Lamp Flux:45482.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740164 240w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	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: 2023-12-01

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:221.47V I:1.0849A P:235.54W PF:0.9803 Freq:50.00Hz Lamp Flux:45482.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740164 240w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

Table--1

UNIT: X10cd

C(DEG) γ (DEG)	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
0	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071
5	1069	1072	1075	1078	1081	1083	1086	1088	1090	1092	1093	1095	1096	1098	1098	1100	1100	1101	1101
10	1072	1077	1083	1088	1092	1095	1098	1101	1104	1106	1108	1110	1111	1113	1113	1115	1115	1117	1117
15	1081	1088	1095	1100	1104	1107	1109	1112	1112	1114	1114	1115	1115	1116	1116	1118	1118	1120	1120
20	1095	1104	1110	1115	1117	1119	1118	1118	1116	1116	1115	1116	1115	1118	1119	1122	1123	1126	1127
25	1117	1125	1130	1132	1131	1129	1126	1123	1120	1119	1118	1120	1122	1126	1129	1135	1139	1144	1146
30	1149	1155	1158	1154	1149	1143	1137	1132	1129	1129	1131	1137	1146	1157	1170	1181	1192	1198	1203
35	1193	1196	1194	1185	1175	1164	1155	1149	1149	1155	1172	1193	1218	1241	1265	1281	1296	1304	1309
40	1246	1247	1241	1229	1215	1199	1188	1185	1203	1232	1270	1300	1330	1353	1374	1389	1400	1406	1410
45	1303	1301	1291	1274	1260	1247	1251	1277	1320	1356	1385	1403	1416	1424	1430	1437	1437	1440	1441
50	1380	1373	1357	1339	1335	1351	1395	1423	1438	1442	1437	1425	1403	1385	1363	1354	1338	1337	1328
55	1503	1490	1472	1465	1518	1549	1540	1514	1475	1418	1344	1282	1211	1165	1106	1083	1042	1035	1017
60	1779	1752	1760	1803	1797	1716	1621	1478	1317	1176	1001	871	725	634	546	512	468	460	442
65	2258	2367	2388	2250	2093	1805	1540	1254	816	505	257	186	174	155	133	121	112	113	110
70	2178	2315	2318	2156	1905	1568	1022	478	138	88.6	75.7	68.7	61.7	56.9	54.9	55.5	56.7	58.2	57.8
75	1011	1228	1188	1208	988	667	270	77.1	64.3	55.3	46.0	40.1	37.5	35.3	34.9	37.6	39.0	40.6	40.3
80	205	248	306	284	201	88.8	48.5	39.9	30.9	24.9	22.0	21.5	22.0	22.5	21.7	23.8	23.4	23.6	22.4
85	12.5	16.2	25.2	30.2	25.8	22.2	15.8	12.2	8.72	7.90	8.58	8.75	8.12	8.34	7.34	8.19	7.65	6.03	5.09
90	0.46	0.37	0.31	0.23	0.18	0.13	0.17	0.11	0.11	0.10	0.10	0.10	0.10	0.09	0.11	0.09	0.10	0.09	0.10
95	1.15	0.98	0.84	0.65	0.50	0.32	0.22	0.15	0.12	0.12	0.12	0.12	0.11	0.11	0.11	0.11	0.11	0.11	0.11
100	2.14	1.91	1.67	1.33	1.04	0.75	0.53	0.34	0.24	0.18	0.17	0.17	0.16	0.16	0.16	0.16	0.15	0.16	0.16
105	3.07	2.83	2.52	2.10	1.70	1.29	0.97	0.67	0.49	0.35	0.29	0.28	0.27	0.27	0.26	0.26	0.26	0.25	0.25
110	3.67	3.43	3.11	2.67	2.25	1.80	1.44	1.08	0.83	0.62	0.51	0.45	0.44	0.42	0.42	0.41	0.42	0.41	0.42
115	4.04	3.83	3.53	3.12	2.70	2.25	1.88	1.50	1.21	0.95	0.79	0.68	0.64	0.62	0.61	0.60	0.61	0.60	0.61
120	4.15	4.00	3.76	3.43	3.06	2.65	2.27	1.89	1.57	1.28	1.09	0.94	0.87	0.83	0.82	0.81	0.81	0.81	0.82
125	4.01	3.92	3.75	3.49	3.20	2.88	2.54	2.18	1.87	1.58	1.37	1.20	1.11	1.05	1.02	1.01	1.00	1.00	1.01
130	3.74	3.67	3.54	3.37	3.17	2.91	2.64	2.36	2.08	1.83	1.62	1.44	1.32	1.24	1.20	1.17	1.16	1.15	1.15
135	3.44	3.39	3.30	3.19	3.07	2.87	2.66	2.45	2.23	2.01	1.81	1.64	1.51	1.41	1.35	1.31	1.28	1.27	1.27
140	3.22	3.17	3.13	3.06	2.98	2.83	2.67	2.51	2.33	2.15	1.98	1.83	1.70	1.60	1.52	1.46	1.42	1.41	1.40
145	3.08	3.03	3.02	2.99	2.92	2.82	2.69	2.56	2.41	2.27	2.13	1.99	1.87	1.77	1.69	1.63	1.60	1.58	1.57
150	2.99	2.97	2.99	2.96	2.90	2.83	2.72	2.61	2.49	2.38	2.26	2.15	2.05	1.96	1.89	1.84	1.81	1.79	1.79
155	2.96	2.96	2.99	2.96	2.91	2.85	2.76	2.68	2.58	2.48	2.38	2.30	2.22	2.16	2.11	2.06	2.04	2.02	2.01
160	2.95	2.98	2.99	2.98	2.92	2.87	2.80	2.74	2.65	2.59	2.52	2.46	2.40	2.36	2.32	2.29	2.26	2.25	2.24
165	2.97	3.02	3.03	3.00	2.94	2.91	2.85	2.80	2.75	2.71	2.66	2.63	2.59	2.56	2.53	2.51	2.50	2.49	2.48
170	3.04	3.09	3.06	3.03	2.98	2.95	2.91	2.89	2.85	2.83	2.80	2.79	2.76	2.76	2.73	2.73	2.71	2.72	2.71
175	3.13	3.14	3.10	3.06	3.01	3.00	2.97	2.97	2.95	2.95	2.93	2.93	2.91	2.91	2.90	2.91	2.90	2.91	2.90
180	3.15	3.14	3.09	3.06	3.04	3.04	3.03	3.03	3.03	3.03	3.02	3.03	3.03	3.03	3.03	3.04	3.05	3.06	3.06

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-12-01

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:221.47V I:1.0849A P:235.54W PF:0.9803 Freq:50.00Hz Lamp Flux:45482.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740164 240w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

Table--2

UNIT: X10cd

C(DEG) γ (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185
0	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071
5	1102	1102	1102	1102	1102	1101	1101	1100	1099	1097	1096	1094	1092	1090	1087	1084	1081	1078	1074
10	1119	1119	1120	1120	1121	1121	1122	1121	1121	1120	1119	1117	1114	1112	1108	1104	1098	1092	1086
15	1123	1123	1126	1127	1129	1130	1133	1134	1137	1137	1139	1139	1138	1137	1134	1130	1123	1114	1106
20	1130	1130	1133	1133	1135	1136	1139	1141	1145	1149	1154	1158	1161	1163	1163	1161	1155	1145	1135
25	1148	1148	1148	1147	1147	1147	1149	1152	1158	1163	1170	1178	1186	1193	1197	1199	1196	1185	1174
30	1203	1201	1195	1190	1182	1177	1174	1173	1177	1183	1193	1205	1217	1231	1242	1250	1250	1240	1228
35	1308	1305	1295	1285	1267	1252	1233	1219	1212	1214	1224	1240	1258	1277	1293	1307	1312	1304	1293
40	1411	1409	1401	1391	1375	1358	1335	1314	1291	1279	1278	1293	1312	1336	1356	1373	1383	1376	1365
45	1445	1442	1443	1439	1437	1435	1430	1424	1413	1402	1382	1376	1381	1399	1417	1436	1447	1441	1432
50	1336	1336	1355	1366	1394	1415	1445	1471	1500	1526	1536	1532	1506	1496	1501	1520	1534	1528	1522
55	1035	1038	1080	1108	1171	1222	1298	1372	1475	1568	1637	1688	1719	1708	1665	1671	1684	1673	1674
60	464	471	520	556	647	744	895	1037	1238	1424	1617	1775	1891	1988	2016	1997	1981	1956	1938
65	114	113	126	140	164	184	202	273	581	959	1419	1681	1949	2188	2322	2447	2446	2302	2198
70	57.7	56.0	54.6	54.1	56.8	61.2	69.5	75.0	90.4	197	675	1176	1683	1969	2215	2340	2329	2225	2017
75	40.8	39.4	38.1	35.7	36.1	38.1	41.5	47.0	56.0	66.6	101	349	743	1040	1254	1286	1352	1205	1086
80	23.6	23.7	24.8	22.6	23.3	23.1	23.3	23.8	27.3	33.9	45.8	58.2	91.4	211	297	325	280	239	168
85	5.78	7.78	9.07	8.35	9.44	9.78	10.8	10.7	10.3	11.4	16.0	21.6	27.4	30.0	32.3	27.8	18.4	15.4	14.6
90	0.09	0.12	0.11	0.11	0.13	0.13	0.15	0.14	0.17	0.17	0.22	0.21	0.29	0.31	0.46	0.50	0.62	1.06	1.07
95	0.12	0.11	0.12	0.11	0.12	0.12	0.13	0.13	0.14	0.14	0.15	0.22	0.32	0.51	0.66	0.84	0.96	1.63	1.77
100	0.16	0.16	0.16	0.16	0.17	0.17	0.18	0.18	0.19	0.21	0.31	0.54	0.80	1.12	1.39	1.72	1.93	2.64	2.80
105	0.25	0.26	0.26	0.27	0.27	0.28	0.29	0.30	0.33	0.46	0.68	1.04	1.42	1.86	2.24	2.63	2.91	3.51	3.66
110	0.41	0.42	0.42	0.43	0.43	0.45	0.46	0.50	0.59	0.83	1.15	1.58	2.00	2.46	2.85	3.25	3.52	3.99	4.10
115	0.60	0.61	0.61	0.62	0.62	0.64	0.67	0.76	0.93	1.24	1.61	2.04	2.42	2.81	3.15	3.49	3.75	4.15	4.22
120	0.81	0.81	0.81	0.82	0.83	0.86	0.91	1.06	1.27	1.60	1.94	2.27	2.57	2.86	3.16	3.46	3.71	4.07	4.11
125	1.00	1.00	1.00	1.02	1.03	1.08	1.17	1.34	1.56	1.81	2.06	2.29	2.50	2.76	3.03	3.33	3.54	3.75	3.76
130	1.15	1.14	1.15	1.17	1.21	1.29	1.40	1.56	1.74	1.92	2.09	2.27	2.47	2.72	2.96	3.20	3.35	3.35	3.36
135	1.27	1.26	1.28	1.31	1.38	1.47	1.59	1.72	1.86	1.99	2.14	2.31	2.50	2.71	2.89	3.05	3.16	3.05	3.07
140	1.40	1.41	1.43	1.48	1.55	1.64	1.75	1.85	1.97	2.08	2.21	2.36	2.52	2.68	2.82	2.94	3.00	2.88	2.90
145	1.58	1.58	1.61	1.66	1.72	1.80	1.89	1.98	2.08	2.18	2.29	2.40	2.53	2.66	2.75	2.85	2.90	2.77	2.79
150	1.79	1.79	1.81	1.84	1.89	1.95	2.02	2.10	2.19	2.28	2.37	2.46	2.57	2.65	2.73	2.81	2.86	2.74	2.75
155	2.01	2.01	2.02	2.04	2.07	2.11	2.17	2.23	2.31	2.38	2.46	2.53	2.61	2.67	2.74	2.79	2.84	2.74	2.74
160	2.24	2.23	2.23	2.24	2.27	2.30	2.35	2.39	2.45	2.49	2.56	2.60	2.66	2.71	2.76	2.79	2.85	2.79	2.77
165	2.48	2.46	2.46	2.47	2.49	2.51	2.54	2.57	2.60	2.63	2.68	2.71	2.74	2.77	2.81	2.83	2.89	2.86	2.84
170	2.71	2.69	2.69	2.69	2.70	2.71	2.73	2.74	2.77	2.78	2.81	2.83	2.85	2.87	2.89	2.91	2.95	2.97	2.93
175	2.90	2.89	2.89	2.87	2.89	2.88	2.90	2.90	2.93	2.93	2.95	2.96	2.97	2.98	3.00	3.01	3.06	3.11	3.04
180	3.07	3.05	3.06	3.04	3.05	3.05	3.06	3.06	3.06	3.06	3.06	3.07	3.07	3.07	3.08	3.09	3.13	3.16	3.13

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-12-01

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:221.47V I:1.0849A P:235.54W PF:0.9803 Freq:50.00Hz Lamp Flux:45482.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740164 240w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

Table--3

UNIT: X10cd

C(DEG) γ (DEG)	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280
0	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071
5	1071	1067	1063	1059	1055	1052	1048	1044	1041	1037	1034	1031	1029	1027	1026	1024	1024	1024	1024
10	1078	1070	1062	1053	1044	1034	1025	1016	1008	999	992	984	979	973	970	966	966	964	966
15	1094	1082	1068	1053	1037	1021	1005	988	973	957	943	930	919	908	902	895	894	892	895
20	1120	1104	1083	1061	1037	1012	986	961	936	910	887	864	845	827	816	805	802	800	806
25	1156	1135	1107	1078	1044	1008	971	931	892	851	814	777	748	721	704	688	684	683	691
30	1207	1180	1144	1104	1058	1007	952	893	834	773	721	672	634	604	583	570	564	565	575
35	1269	1238	1194	1144	1080	1007	926	842	762	684	621	570	534	511	497	490	487	490	495
40	1339	1303	1253	1189	1106	1006	895	781	680	596	540	508	487	475	466	464	462	464	465
45	1407	1372	1317	1242	1136	1004	852	704	594	536	503	482	466	460	455	455	453	454	453
50	1499	1468	1403	1309	1173	989	776	601	530	491	465	450	441	440	439	440	439	440	437
55	1653	1609	1513	1375	1181	910	620	503	455	424	408	402	402	405	408	410	411	411	408
60	1876	1775	1606	1378	1085	697	429	363	333	316	315	318	316	304	293	284	285	284	291
65	2056	1835	1575	1231	736	287	205	182	180	182	183	164	151	144	143	137	138	136	142
70	1857	1619	1202	605	188	85.0	84.1	79.5	83.9	78.0	70.7	64.4	65.6	64.6	70.2	72.8	74.5	73.1	70.5
75	901	505	283	67.9	49.7	48.4	48.1	43.4	43.5	40.5	38.5	36.5	37.1	38.5	40.9	41.8	42.5	42.0	41.0
80	104	35.9	31.8	27.3	25.1	24.3	22.1	23.1	24.9	24.7	24.5	25.1	26.1	26.1	26.6	25.5	25.5	25.5	26.6
85	13.9	11.7	10.7	8.85	8.47	8.44	8.27	8.48	9.28	10.0	11.6	11.5	11.9	11.5	11.3	10.7	10.8	10.3	10.8
90	1.06	0.97	0.85	0.68	0.52	0.34	0.23	0.17	0.16	0.13	0.12	0.11	0.10	0.11	0.10	0.10	0.10	0.10	0.09
95	1.75	1.70	1.49	1.29	0.99	0.71	0.43	0.26	0.17	0.15	0.14	0.13	0.13	0.13	0.13	0.12	0.12	0.11	0.12
100	2.79	2.72	2.46	2.19	1.78	1.42	1.01	0.69	0.44	0.33	0.26	0.24	0.22	0.21	0.20	0.20	0.20	0.20	0.20
105	3.64	3.50	3.25	2.95	2.55	2.15	1.72	1.35	1.02	0.80	0.65	0.59	0.51	0.50	0.46	0.46	0.43	0.45	0.45
110	4.06	3.92	3.68	3.40	3.06	2.74	2.37	2.04	1.71	1.47	1.26	1.15	1.05	1.00	0.95	0.94	0.91	0.93	0.93
115	4.18	4.05	3.87	3.65	3.40	3.15	2.87	2.61	2.33	2.12	1.93	1.82	1.71	1.66	1.60	1.59	1.56	1.57	1.57
120	4.08	3.98	3.83	3.67	3.48	3.33	3.17	3.01	2.82	2.69	2.55	2.47	2.39	2.35	2.30	2.30	2.27	2.28	2.26
125	3.74	3.67	3.60	3.49	3.38	3.31	3.24	3.20	3.16	3.13	3.07	3.05	3.00	2.99	2.97	2.98	2.96	2.97	2.95
130	3.37	3.34	3.32	3.29	3.26	3.25	3.23	3.25	3.26	3.30	3.33	3.36	3.38	3.41	3.42	3.46	3.45	3.47	3.44
135	3.08	3.10	3.10	3.12	3.12	3.14	3.16	3.20	3.23	3.30	3.34	3.40	3.45	3.51	3.56	3.61	3.61	3.63	3.62
140	2.91	2.93	2.96	2.99	3.01	3.05	3.08	3.13	3.16	3.22	3.26	3.32	3.38	3.45	3.49	3.55	3.56	3.57	3.55
145	2.80	2.83	2.85	2.89	2.92	2.99	3.02	3.07	3.10	3.14	3.17	3.22	3.27	3.32	3.36	3.41	3.41	3.41	3.39
150	2.75	2.78	2.80	2.84	2.87	2.93	2.96	3.01	3.04	3.08	3.11	3.16	3.19	3.24	3.26	3.29	3.28	3.29	3.26
155	2.76	2.78	2.80	2.83	2.87	2.91	2.94	2.98	3.01	3.05	3.08	3.12	3.15	3.20	3.21	3.24	3.23	3.24	3.20
160	2.79	2.80	2.83	2.85	2.89	2.91	2.95	2.98	3.01	3.04	3.07	3.11	3.13	3.17	3.18	3.21	3.21	3.21	3.18
165	2.85	2.86	2.88	2.90	2.93	2.95	2.98	3.00	3.03	3.04	3.08	3.11	3.12	3.15	3.15	3.19	3.18	3.19	3.17
170	2.93	2.93	2.96	2.97	2.99	3.00	3.02	3.03	3.06	3.07	3.08	3.10	3.11	3.14	3.15	3.18	3.17	3.18	3.16
175	3.03	3.01	3.03	3.02	3.03	3.03	3.03	3.04	3.05	3.07	3.07	3.09	3.09	3.11	3.11	3.14	3.14	3.15	3.13
180	3.09	3.05	3.05	3.04	3.04	3.03	3.03	3.03	3.03	3.03	3.03	3.04	3.04	3.05	3.05	3.07	3.07	3.07	3.06

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-12-01

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:221.47V I:1.0849A P:235.54W PF:0.9803 Freq:50.00Hz Lamp Flux:45482.7x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 5.8		
SPEC.: AL6740164 240w 4000K No glass									DIM.: 59*27*7.5						SERIAL No.: 001		
MFR.: Americanlite									SUR.: 28*23						Shielding Angle:		

Table--4

UNIT: X10cd

C(DEG) γ (DEG)	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355				
0	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071	1071				
5	1024	1026	1027	1029	1031	1034	1037	1040	1043	1047	1050	1054	1058	1061	1065				
10	967	971	974	980	986	993	1000	1008	1016	1025	1033	1042	1050	1058	1065				
15	898	906	914	925	935	948	961	976	990	1005	1020	1034	1047	1059	1071				
20	812	826	839	859	878	900	922	944	967	990	1011	1032	1051	1067	1082				
25	703	725	747	778	810	846	881	916	951	982	1013	1040	1065	1085	1103				
30	590	613	643	684	729	782	836	889	939	983	1025	1059	1091	1115	1136				
35	505	521	549	590	644	713	783	859	931	994	1049	1091	1130	1157	1180				
40	471	479	494	517	560	628	718	818	915	1004	1079	1137	1181	1211	1236				
45	457	462	473	488	514	557	646	768	897	1014	1113	1184	1238	1272	1296				
50	438	440	448	460	482	513	568	695	870	1034	1163	1254	1317	1350	1375				
55	406	403	404	409	423	449	488	567	781	1022	1214	1350	1445	1487	1506				
60	299	315	320	320	318	332	355	410	552	909	1205	1436	1612	1711	1767				
65	142	148	158	178	180	177	174	191	237	541	1039	1446	1722	1973	2141				
70	65.0	64.6	62.9	68.1	74.3	81.5	76.4	80.5	78.4	99.7	416	1025	1485	1810	1952				
75	38.4	37.1	35.9	37.1	39.1	41.4	42.9	46.8	46.4	46.1	53.8	168	402	740	950				
80	26.0	25.5	24.1	23.3	22.8	23.3	21.5	20.7	21.4	22.4	24.9	31.0	34.6	71.1	144				
85	10.5	10.6	10.00	9.97	8.22	7.43	6.36	6.04	5.91	6.04	6.10	7.53	8.57	11.3	12.7				
90	0.10	0.09	0.10	0.10	0.14	0.11	0.13	0.17	0.28	0.39	0.56	0.68	0.80	0.84	0.88				
95	0.12	0.12	0.12	0.13	0.14	0.18	0.29	0.44	0.68	0.91	1.21	1.43	1.68	1.78	1.86				
100	0.21	0.21	0.24	0.26	0.34	0.46	0.69	0.95	1.28	1.63	2.03	2.35	2.70	2.87	3.00				
105	0.48	0.50	0.57	0.63	0.79	0.99	1.27	1.58	1.96	2.34	2.78	3.18	3.58	3.83	3.99				
110	0.98	1.02	1.11	1.22	1.41	1.63	1.93	2.23	2.58	2.95	3.39	3.80	4.19	4.42	4.57				
115	1.62	1.66	1.77	1.88	2.08	2.28	2.55	2.83	3.17	3.53	3.93	4.25	4.53	4.68	4.75				
120	2.31	2.35	2.44	2.54	2.70	2.88	3.12	3.37	3.68	3.96	4.22	4.40	4.54	4.60	4.61				
125	2.98	3.00	3.07	3.13	3.27	3.38	3.55	3.71	3.87	4.01	4.13	4.22	4.26	4.27	4.23				
130	3.46	3.47	3.50	3.53	3.59	3.64	3.70	3.75	3.80	3.83	3.85	3.86	3.86	3.84	3.81				
135	3.61	3.60	3.61	3.62	3.64	3.63	3.64	3.62	3.60	3.58	3.57	3.54	3.51	3.49	3.47				
140	3.55	3.53	3.54	3.52	3.52	3.49	3.48	3.45	3.43	3.39	3.38	3.35	3.32	3.28	3.26				
145	3.38	3.37	3.37	3.36	3.37	3.35	3.34	3.31	3.30	3.27	3.26	3.23	3.21	3.15	3.12				
150	3.26	3.23	3.24	3.22	3.23	3.22	3.23	3.21	3.21	3.19	3.19	3.16	3.15	3.09	3.05				
155	3.20	3.17	3.18	3.16	3.17	3.15	3.16	3.15	3.16	3.14	3.15	3.13	3.12	3.08	3.02				
160	3.18	3.16	3.16	3.14	3.14	3.12	3.13	3.11	3.12	3.11	3.12	3.10	3.11	3.08	3.03				
165	3.17	3.14	3.15	3.13	3.14	3.12	3.12	3.11	3.11	3.09	3.11	3.10	3.09	3.08	3.05				
170	3.17	3.14	3.15	3.13	3.13	3.12	3.12	3.10	3.11	3.09	3.10	3.09	3.09	3.10	3.09				
175	3.14	3.12	3.13	3.11	3.12	3.10	3.11	3.09	3.10	3.09	3.10	3.09	3.10	3.11	3.13				
180	3.06	3.05	3.05	3.05	3.06	3.06	3.07	3.06	3.08	3.07	3.08	3.07	3.08	3.09	3.13				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-12-01

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: