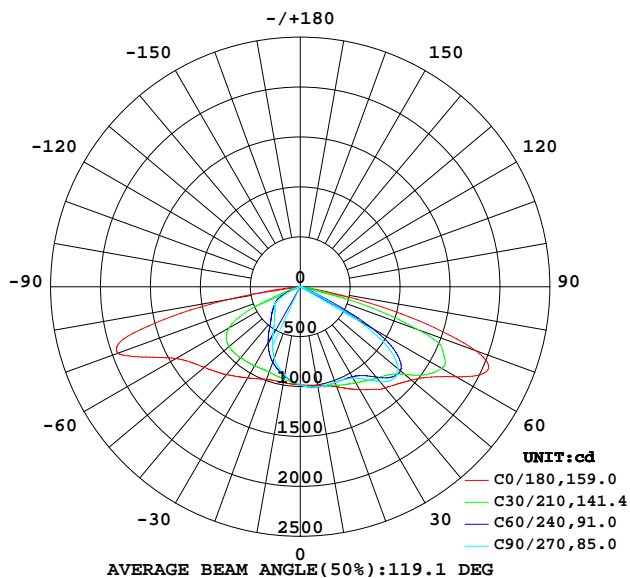
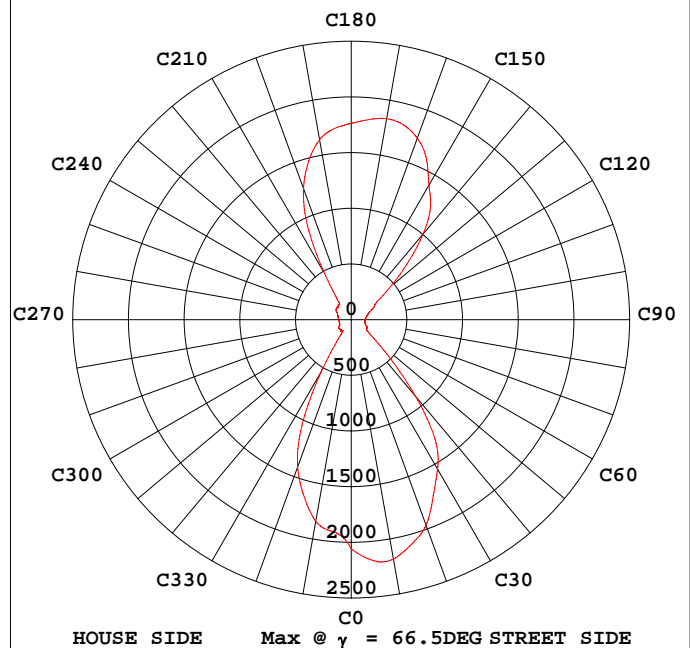


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.22V I:0.1104A P:23.809W PF:0.9749 Freq:50.00Hz Lamp Flux:4292x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004 24w 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: 180.29 lm/W			
MODEL	24W4000K	I _{max} (cd)	2183	η street_up(%)	0.1
NOMINAL POWER(W)	24	LOR(%)	100.0	η street_down(%)	60.5
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4292	η house_up(%)	0.2
NOMINAL FLUX(lm)	4292	MAXIMUM @(C,γ)	10,66.5	η house_down(%)	39.2
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	19.535

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:2023-11-23

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:221.22V I:0.1104A P:23.809W PF:0.9749 Freq:50.00Hz
Lamp Flux:4292x1 lm

NAME: Skylite

TYPE: LED

WEIGHT: 1.8

SPEC.: AL6740004 24w 4000K No glass

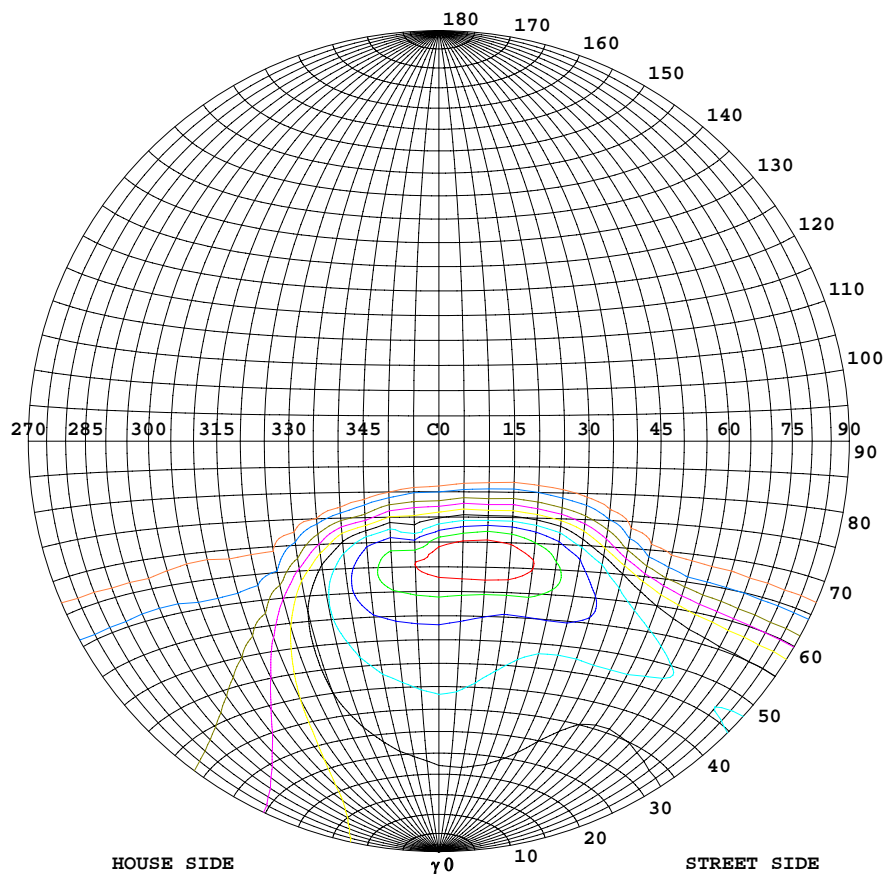
DIM.: 42.5*19*9

SERIAL No.: 001

MFR.: Americanlite

SUR.: 16.5*11.5

Shielding Angle:



Classification:

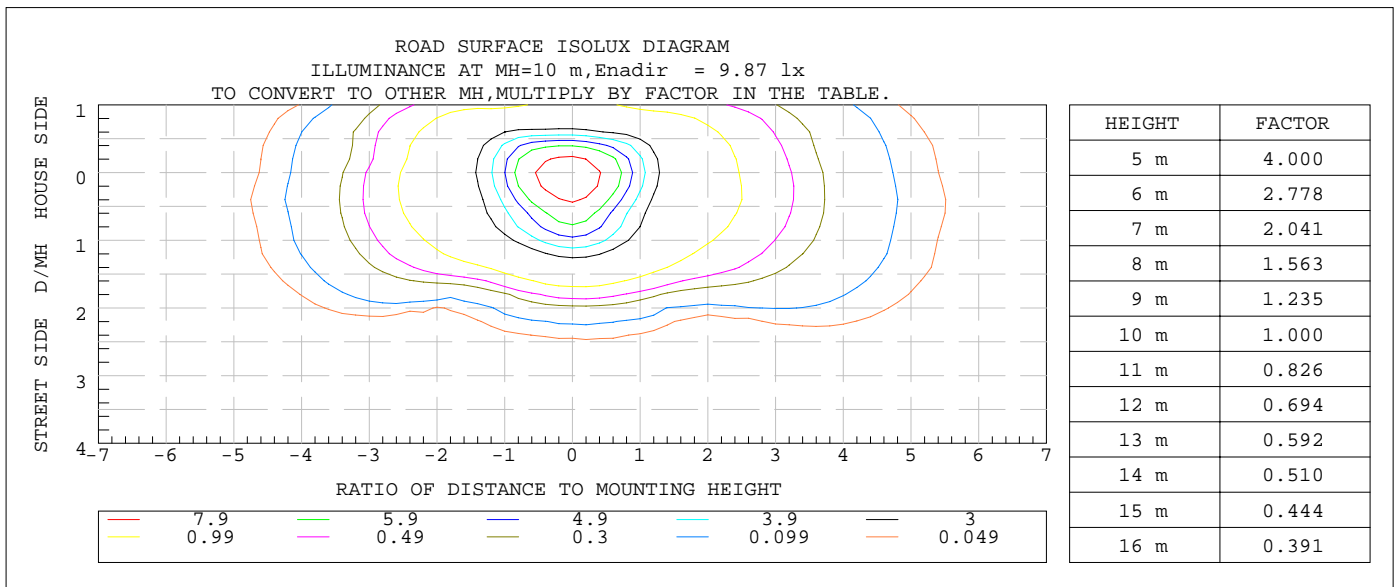
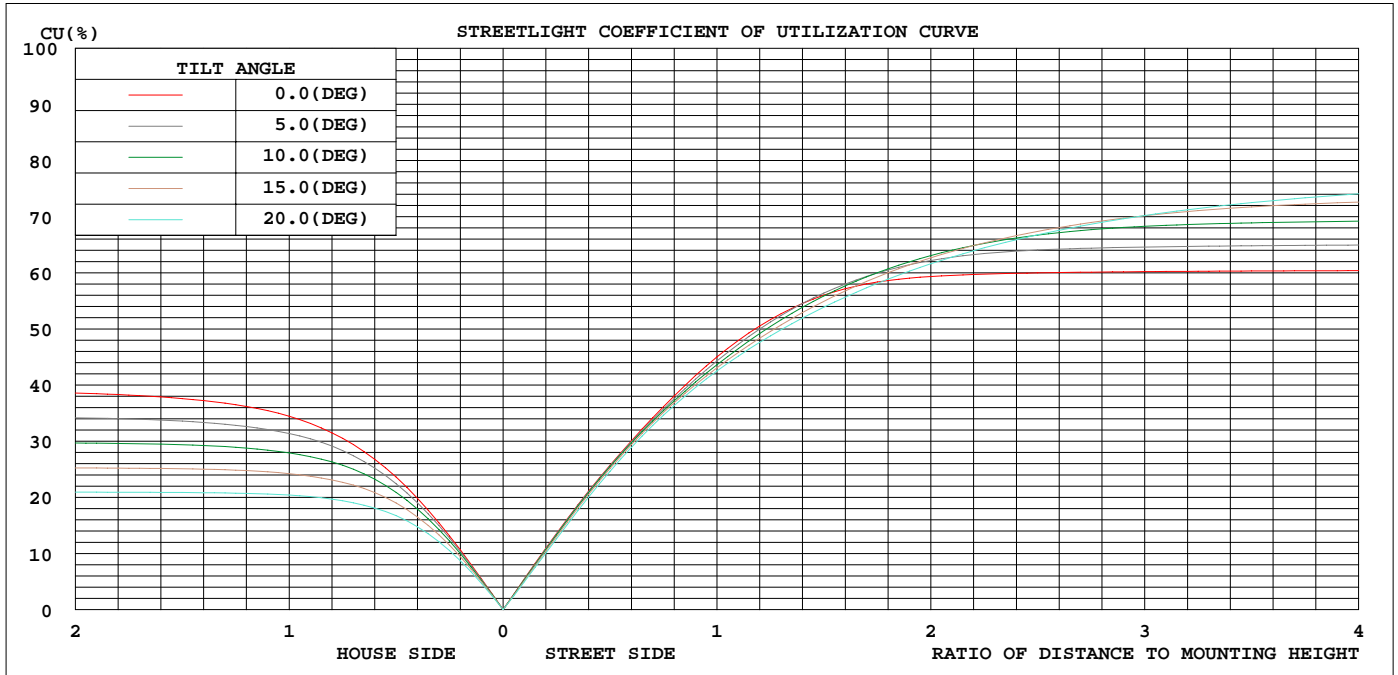
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:193.7cd/klm
Max.At90:0.6439cd/klm
Max.80-90:193.7cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	2183
90%	1965
80%	1747
70%	1528
60%	1310
50%	1092
40%	873
30%	655
20%	437
10%	218
5%	109

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-23

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: 2023-11-23

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:221.22V I:0.1104A P:23.809W PF:0.9749 Freq:50.00Hz Lamp Flux:4292x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004 24w 4000K No glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:

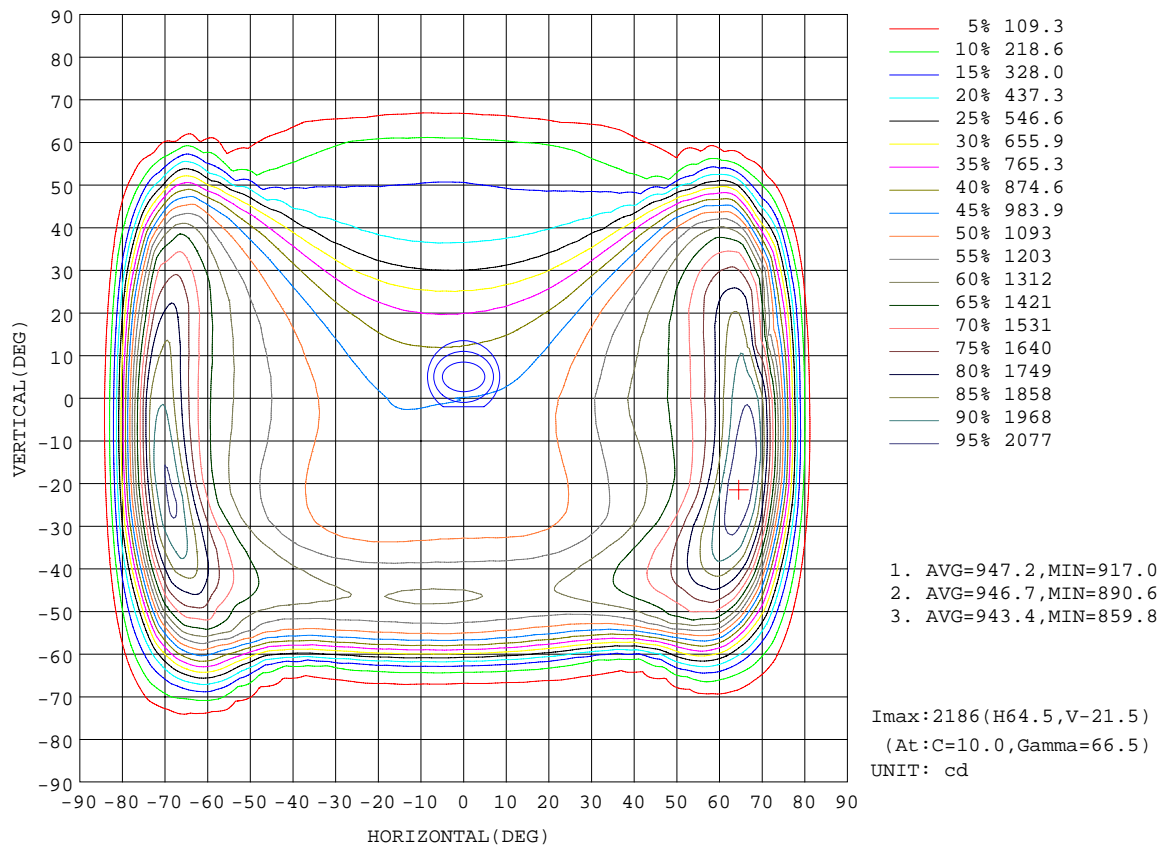
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	1000	1019	1018	1006	974.3	923.7	901.2	944.7	0- 10	93.42	93.42	2.18,2.18
20	1066	1032	1021	1002	989.4	854.4	763.3	905.8	10- 20	272.8	366.3	8.53,8.53
30	1190	1060	1058	1008	1055	776.0	547.0	852.7	20- 30	438.7	804.9	18.8,18.8
40	1322	1150	1241	1065	1149	653.9	402.8	748.3	30- 40	598.9	1404	32.7,32.7
50	1455	1379	1277	1276	1256	479.0	330.6	531.2	40- 50	773.5	2177	50.7,50.7
60	1805	1242	638.7	1240	1439	300.7	238.1	262.1	50- 60	893.2	3071	71.5,71.5
70	1866	136.7	65.08	216.1	1945	109.4	76.42	90.26	60- 70	780.4	3851	89.7,89.7
80	214.7	27.56	17.74	40.85	712.1	23.06	12.07	17.66	70- 80	401.5	4252	99.1,99.1
90	0.7088	0.1090	0.0943	0.1664	0.7731	0.1583	0.0943	0.1729	80- 90	28.77	4281	99.7,99.7
100	2.203	0.2205	0.0838	0.1995	2.196	0.6369	0.2203	0.7325	90-100	0.5992	4282	99.8,99.8
110	3.154	0.5559	0.2828	0.6102	3.554	1.821	0.9232	1.762	100-110	1.297	4283	99.8,99.8
120	3.352	1.048	0.5445	1.229	3.770	2.689	2.095	2.631	110-120	1.908	4285	99.8,99.8
130	2.905	1.456	0.8276	1.679	3.217	2.848	2.975	2.887	120-130	2.071	4287	99.9,99.9
140	2.597	1.791	1.141	1.889	2.798	2.803	2.849	2.780	130-140	1.817	4289	99.9,99.9
150	2.476	2.042	1.508	2.088	2.610	2.681	2.682	2.633	140-150	1.471	4290	100,100
160	2.459	2.251	1.975	2.298	2.603	2.638	2.682	2.602	150-160	1.112	4291	100,100
170	2.504	2.492	2.336	2.518	2.645	2.638	2.682	2.602	160-170	0.7101	4292	100,100
180	2.664	2.607	2.619	2.665	2.664	2.638	2.682	2.602	170-180	0.2499	4292	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:2023-11-23

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

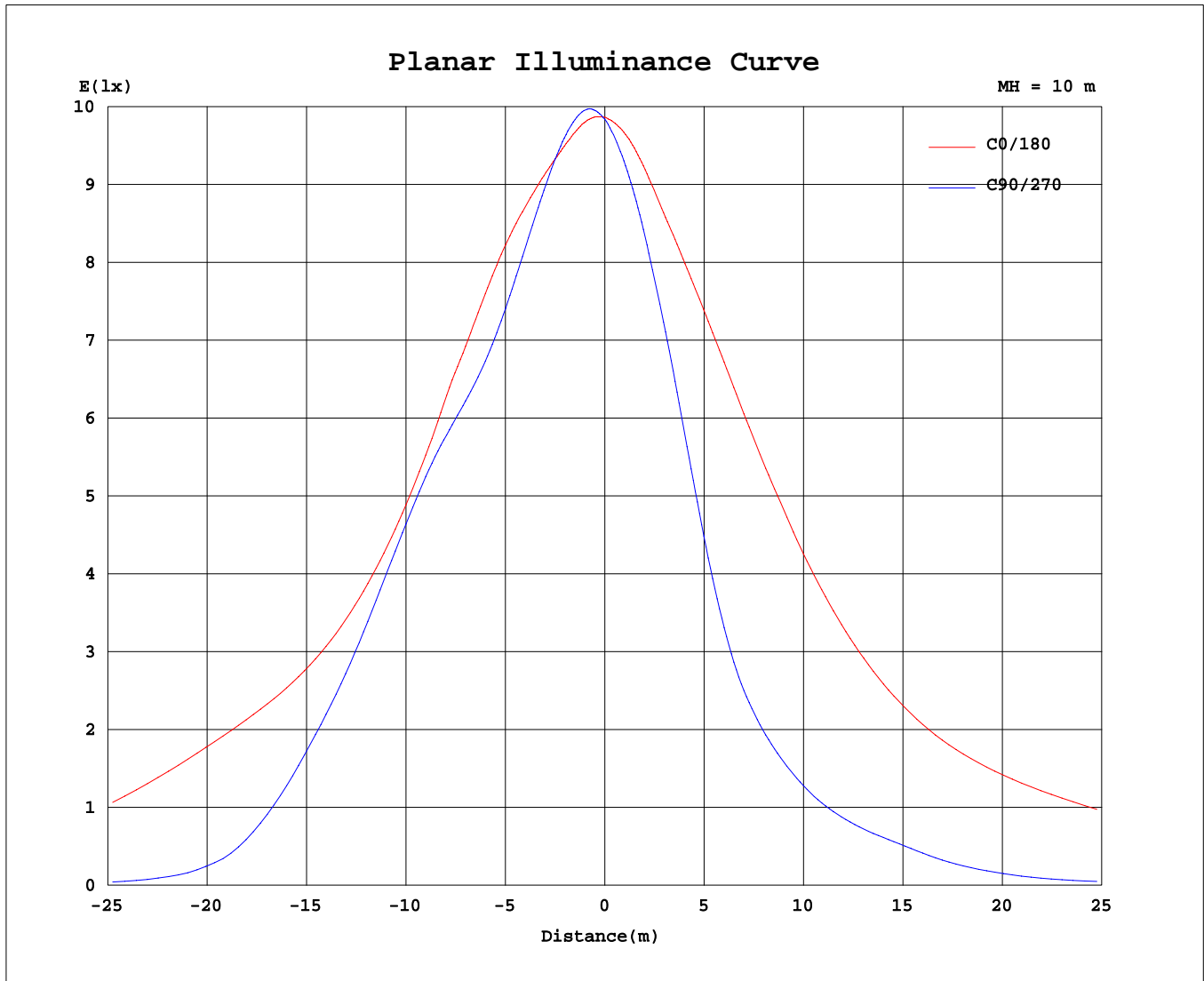
Test:U:221.22V I:0.1104A P:23.809W PF:0.9749 Freq:50.00Hz Lamp Flux:4292x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004 24w 4000K No glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-23

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



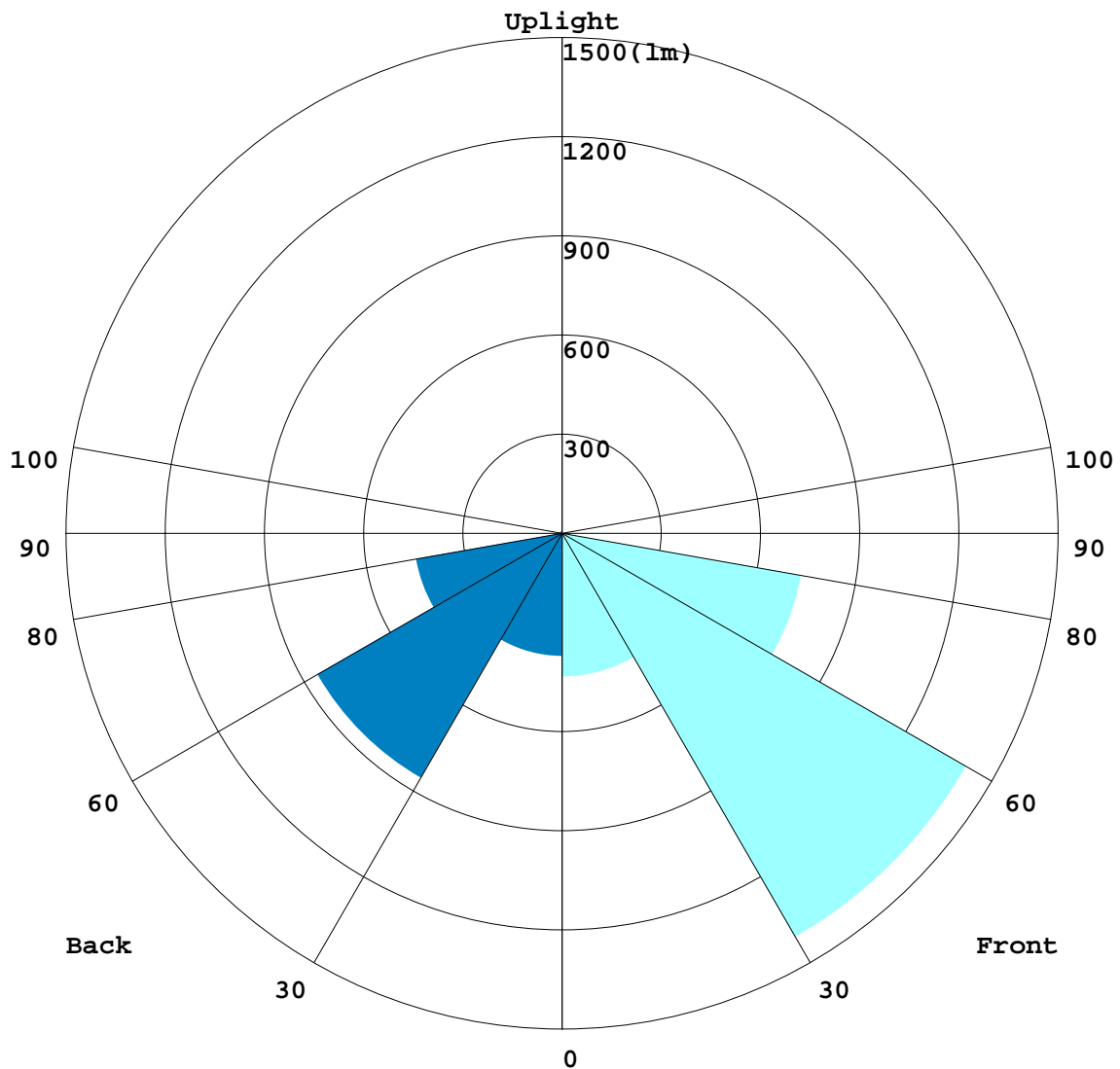
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.0°C
 Operators: yangbin
 Test Date: 2023-11-23

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:221.22V I:0.1104A P:23.809W PF:0.9749 Freq:50.00Hz Lamp Flux:4292x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004 24w 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: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-23

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:221.22V I:0.1104A P:23.809W PF:0.9749 Freq:50.00Hz Lamp Flux:4292x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004 24w 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)	433.52	10.1
FM - Front-Medium(30-60)	1411.1	32.9
FH - Front-High(60-80)	733.62	17.1
FVH - Front-Very High(80-90)	19.731	0.5
Total Forward Light	2602.4	60.6

BL - Back-Low(0-30)	371.42	8.7
BM - Back-Medium(30-60)	854.48	19.9
BH - Back-High(60-80)	448.31	10.4
BVH - Back-Very High(80-90)	9.0421	0.2
Total Back Light	1690.1	39.4

UL - Uplight-Low(90-100)	0.59919	0.0
UH - Uplight-High(100-180)	10.637	0.2
Total Up Light	11.236	0.3

BUG(Back,Up,Glare) Rating	B1-U2-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1683.3	6.7984	1690.1
Street Side	2598	4.4374	2602.4

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-23

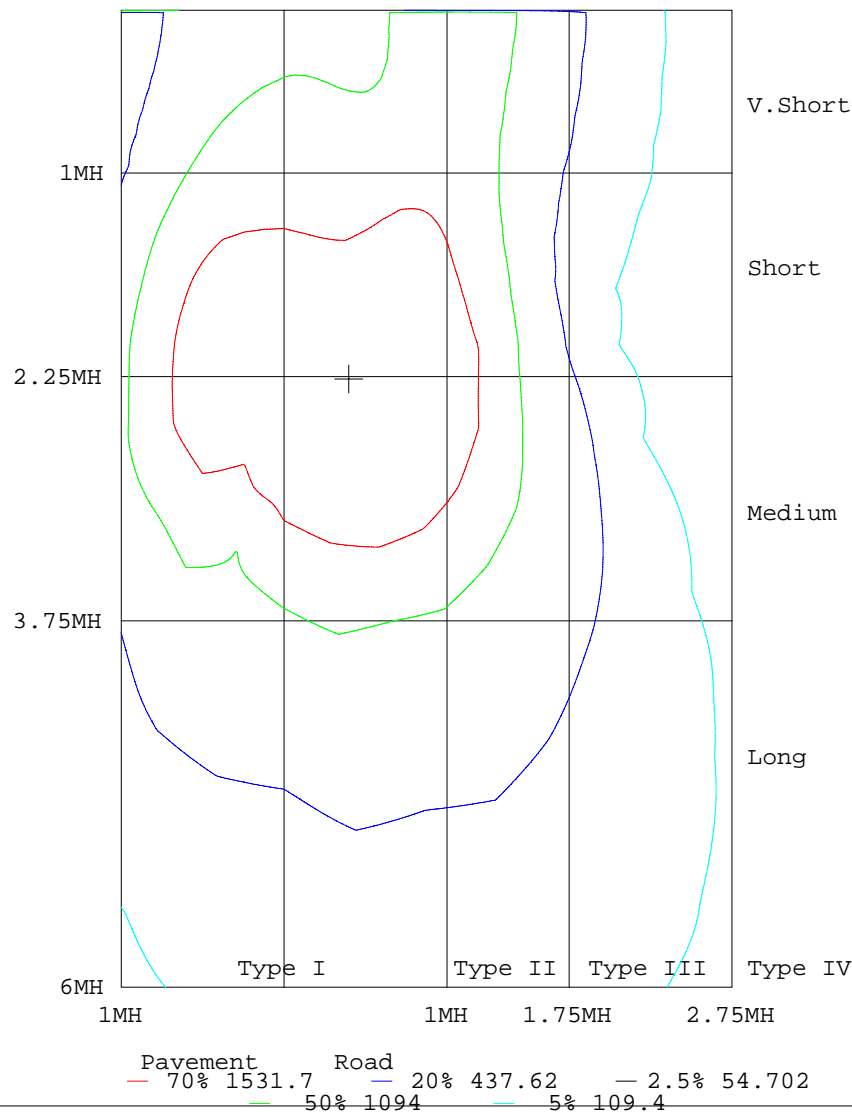
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.464
Humidity:65.0%
Test Distance:12.534m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:221.22V I:0.1104A P:23.809W PF:0.9749 Freq:50.00Hz
Lamp Flux:4292x1 lm

NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004 24w 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: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-23

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:221.22V I:0.1104A P:23.809W PF:0.9749 Freq:50.00Hz Lamp Flux:4292x1 lm																		
NAME: Skylite									TYPE: LED					WEIGHT: 1.8				
SPEC.: AL6740004 24w 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	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984
5	991	994	995	997	1000	1001	1003	1004	1005	1006	1007	1008	1008	1009	1009	1009	1009	1009	1008
10	1000	1005	1008	1010	1013	1015	1016	1018	1018	1019	1019	1020	1020	1020	1020	1021	1020	1019	1018
15	1024	1029	1032	1033	1033	1032	1030	1028	1026	1024	1023	1023	1022	1022	1021	1022	1021	1022	1021
20	1066	1070	1072	1070	1066	1059	1052	1045	1039	1032	1027	1024	1022	1021	1020	1022	1021	1023	1021
25	1125	1126	1125	1116	1107	1094	1080	1066	1054	1043	1035	1029	1026	1025	1024	1027	1028	1030	1029
30	1190	1188	1182	1169	1152	1132	1113	1092	1075	1060	1050	1043	1041	1042	1046	1050	1055	1058	1058
35	1256	1251	1240	1221	1198	1174	1149	1127	1107	1090	1082	1081	1086	1093	1106	1116	1125	1130	1132
40	1322	1315	1300	1279	1251	1222	1195	1172	1157	1150	1154	1163	1181	1194	1211	1222	1234	1239	1241
45	1378	1368	1349	1321	1293	1267	1249	1242	1252	1263	1275	1279	1283	1286	1292	1298	1304	1309	1312
50	1455	1441	1416	1384	1361	1352	1365	1384	1392	1379	1359	1333	1310	1294	1280	1275	1270	1275	1277
55	1579	1558	1532	1504	1515	1536	1535	1510	1471	1406	1326	1250	1185	1148	1114	1104	1088	1094	1094
60	1805	1788	1777	1784	1783	1717	1636	1535	1394	1242	1081	947	830	767	709	675	648	641	639
65	2038	2113	2142	2072	1965	1792	1581	1410	1103	731	468	311	259	229	214	194	179	182	178
70	1866	1991	2007	1935	1753	1577	1252	837	388	137	101	92.9	85.1	81.4	74.2	69.6	65.4	65.6	65.1
75	1048	1176	1160	1153	1013	809	530	236	81.7	64.5	56.2	52.4	48.4	45.8	42.4	41.1	39.3	39.9	39.4
80	215	267	275	274	219	141	82.9	47.5	33.5	27.6	23.7	23.3	21.3	20.1	18.9	19.2	18.0	18.2	17.7
85	1.63	2.41	2.89	5.33	5.45	7.72	5.00	4.06	2.52	2.48	2.05	2.39	2.06	2.30	2.02	2.21	2.00	2.26	1.31
90	0.71	0.68	0.50	0.45	0.36	0.23	0.19	0.16	0.14	0.11	0.13	0.09	0.12	0.08	0.10	0.08	0.10	0.09	0.09
95	1.45	1.35	1.05	0.91	0.61	0.49	0.25	0.21	0.13	0.14	0.12	0.13	0.09	0.11	0.09	0.11	0.08	0.10	0.08
100	2.20	2.08	1.73	1.48	1.07	0.87	0.50	0.40	0.17	0.22	0.14	0.18	0.11	0.17	0.09	0.15	0.08	0.15	0.08
105	2.80	2.67	2.29	2.00	1.53	1.28	0.87	0.68	0.38	0.36	0.20	0.28	0.18	0.25	0.15	0.25	0.16	0.24	0.14
110	3.15	3.04	2.68	2.41	1.91	1.64	1.19	0.98	0.64	0.56	0.37	0.42	0.30	0.40	0.29	0.37	0.32	0.36	0.28
115	3.34	3.19	2.94	2.72	2.28	1.99	1.54	1.30	0.93	0.82	0.56	0.60	0.47	0.53	0.42	0.51	0.47	0.51	0.40
120	3.35	3.15	3.01	2.83	2.48	2.26	1.81	1.58	1.18	1.05	0.81	0.78	0.63	0.70	0.55	0.67	0.54	0.66	0.54
125	3.15	2.99	2.98	2.71	2.51	2.31	1.99	1.77	1.42	1.27	0.99	0.99	0.82	0.85	0.71	0.81	0.69	0.80	0.69
130	2.91	2.78	2.78	2.57	2.50	2.31	2.02	1.90	1.58	1.46	1.19	1.16	0.99	1.01	0.86	0.95	0.83	0.92	0.83
135	2.71	2.57	2.63	2.50	2.47	2.31	2.11	2.00	1.71	1.63	1.37	1.34	1.14	1.17	1.01	1.08	0.99	1.05	0.95
140	2.60	2.49	2.53	2.45	2.43	2.31	2.16	2.06	1.81	1.79	1.54	1.52	1.31	1.35	1.16	1.25	1.15	1.22	1.14
145	2.51	2.45	2.49	2.45	2.40	2.33	2.17	2.13	1.93	1.92	1.71	1.69	1.51	1.53	1.37	1.44	1.31	1.41	1.31
150	2.48	2.46	2.46	2.45	2.39	2.36	2.17	2.21	2.03	2.04	1.84	1.86	1.69	1.73	1.56	1.64	1.51	1.62	1.51
155	2.46	2.47	2.47	2.47	2.39	2.39	2.23	2.29	2.16	2.15	1.98	2.02	1.86	1.93	1.78	1.87	1.73	1.84	1.74
160	2.46	2.50	2.48	2.51	2.39	2.44	2.33	2.37	2.19	2.25	2.12	2.17	2.03	2.10	1.98	2.05	1.94	2.05	1.98
165	2.46	2.55	2.48	2.56	2.44	2.49	2.36	2.43	2.31	2.37	2.22	2.31	2.18	2.28	2.16	2.26	2.16	2.24	2.16
170	2.50	2.63	2.52	2.61	2.48	2.55	2.42	2.51	2.39	2.49	2.35	2.45	2.34	2.45	2.32	2.44	2.34	2.44	2.34
175	2.61	2.65	2.57	2.66	2.53	2.61	2.52	2.58	2.51	2.59	2.48	2.59	2.51	2.59	2.51	2.60	2.48	2.59	2.49
180	2.66	2.67	2.68	2.67	2.64	2.64	2.58	2.60	2.60	2.61	2.57	2.60	2.60	2.62	2.63	2.64	2.61	2.62	2.62

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-23

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:221.22V I:0.1104A P:23.809W PF:0.9749 Freq:50.00Hz Lamp Flux:4292x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004 24w 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	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984
5	1008	1007	1006	1005	1004	1002	1002	1000	998	997	995	993	990	988	985	983	982	978	976
10	1019	1017	1016	1014	1014	1011	1010	1008	1006	1004	1002	998	995	992	987	983	979	974	970
15	1021	1019	1018	1015	1014	1011	1010	1007	1005	1002	1001	999	997	995	991	987	981	975	968
20	1022	1020	1017	1014	1012	1007	1006	1003	1002	1001	1002	1003	1004	1005	1004	1002	997	989	981
25	1029	1026	1021	1018	1013	1008	1004	1002	1002	1004	1008	1013	1018	1024	1027	1028	1026	1017	1009
30	1056	1052	1044	1037	1028	1018	1012	1009	1008	1012	1018	1026	1037	1048	1057	1063	1063	1055	1047
35	1128	1121	1108	1093	1075	1056	1041	1030	1025	1026	1032	1043	1056	1072	1086	1098	1104	1098	1091
40	1237	1230	1214	1197	1170	1142	1111	1086	1065	1057	1058	1068	1083	1102	1121	1141	1151	1149	1143
45	1314	1312	1305	1294	1277	1255	1225	1194	1152	1123	1106	1108	1121	1141	1163	1186	1201	1200	1195
50	1288	1293	1303	1307	1313	1311	1307	1297	1276	1247	1203	1176	1170	1185	1206	1234	1255	1256	1253
55	1114	1124	1151	1170	1206	1237	1280	1313	1337	1346	1340	1317	1273	1256	1264	1293	1319	1325	1324
60	667	693	752	805	897	970	1071	1148	1240	1326	1397	1425	1443	1433	1387	1406	1432	1439	1439
65	191	196	224	258	297	358	518	675	910	1128	1280	1440	1576	1669	1703	1688	1686	1670	1644
70	66.4	67.3	73.5	79.8	88.2	92.9	104	116	216	521	974	1346	1550	1821	1987	2102	2066	1945	1856
75	41.4	42.3	45.8	48.7	52.9	56.2	60.5	65.7	81.1	113	371	783	1201	1504	1700	1777	1739	1651	1478
80	18.9	19.7	22.0	22.4	24.6	27.5	31.5	33.6	40.9	51.3	78.8	224	402	610	772	772	831	712	643
85	2.69	2.92	3.91	4.35	5.96	6.57	8.11	8.25	10.2	12.1	19.2	28.3	45.4	59.9	95.4	82.8	70.2	53.3	19.7
90	0.07	0.15	0.09	0.16	0.16	0.18	0.15	0.19	0.17	0.22	0.15	0.27	0.25	0.43	0.42	0.86	2.76	0.77	0.85
95	0.11	0.08	0.12	0.09	0.12	0.09	0.13	0.13	0.15	0.16	0.22	0.26	0.44	0.51	0.75	1.13	3.11	1.33	1.33
100	0.16	0.08	0.16	0.09	0.17	0.13	0.19	0.15	0.20	0.18	0.45	0.56	0.92	1.10	1.42	1.71	3.68	2.20	2.22
105	0.24	0.15	0.24	0.15	0.25	0.17	0.26	0.17	0.36	0.45	0.81	1.05	1.48	1.76	2.14	2.47	3.40	3.01	3.02
110	0.35	0.25	0.36	0.29	0.38	0.30	0.39	0.37	0.61	0.79	1.20	1.52	2.01	2.30	2.71	3.07	3.89	3.55	3.54
115	0.49	0.38	0.49	0.39	0.51	0.44	0.58	0.62	0.91	1.13	1.62	1.91	2.37	2.61	2.98	3.50	4.17	3.80	3.81
120	0.65	0.54	0.65	0.54	0.67	0.63	0.81	0.88	1.23	1.49	1.89	2.17	2.48	2.70	2.99	3.59	4.42	3.77	3.82
125	0.80	0.69	0.79	0.69	0.85	0.81	1.05	1.16	1.50	1.66	2.03	2.20	2.48	2.70	3.01	3.53	5.22	3.49	3.64
130	0.93	0.83	0.94	0.87	1.04	1.04	1.28	1.38	1.68	1.81	2.09	2.20	2.48	2.70	2.91	3.22	5.15	3.22	3.33
135	1.07	0.97	1.11	1.03	1.22	1.24	1.49	1.53	1.79	1.86	2.11	2.21	2.48	2.70	2.83	3.08	3.11	2.98	3.07
140	1.22	1.14	1.29	1.23	1.41	1.41	1.64	1.66	1.89	1.93	2.17	2.23	2.48	2.68	2.71	2.96	3.81	2.80	2.89
145	1.43	1.34	1.49	1.45	1.62	1.58	1.79	1.79	1.98	2.00	2.22	2.25	2.48	2.63	2.60	2.81	2.91	2.64	2.76
150	1.64	1.55	1.69	1.65	1.78	1.74	1.92	1.90	2.09	2.14	2.29	2.31	2.48	2.59	2.59	2.72	2.85	2.61	2.67
155	1.85	1.77	1.88	1.82	1.96	1.89	2.06	2.00	2.18	2.21	2.34	2.33	2.48	2.56	2.58	2.67	2.79	2.61	2.61
160	2.06	1.97	2.08	2.00	2.12	2.05	2.20	2.16	2.30	2.23	2.39	2.33	2.50	2.55	2.58	2.65	2.73	2.60	2.59
165	2.26	2.15	2.27	2.17	2.29	2.22	2.35	2.28	2.40	2.33	2.48	2.39	2.54	2.53	2.60	2.67	2.67	2.62	2.59
170	2.43	2.33	2.45	2.34	2.47	2.36	2.49	2.38	2.52	2.43	2.54	2.48	2.58	2.54	2.61	2.73	3.77	2.64	2.59
175	2.58	2.50	2.58	2.47	2.60	2.49	2.60	2.50	2.60	2.51	2.62	2.52	2.65	2.55	2.66	2.78	3.68	2.66	2.60
180	2.63	2.65	2.65	2.61	2.65	2.61	2.64	2.67	2.66	2.58	2.66	2.60	2.67	2.58	2.67	2.83	3.55	2.66	2.67

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-23

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:221.22V I:0.1104A P:23.809W PF:0.9749 Freq:50.00Hz Lamp Flux:4292x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004 24w 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	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984
5	973	971	968	965	962	960	958	955	953	952	950	948	947	947	947	947	947	949	949
10	965	960	954	947	941	935	929	924	919	914	910	906	904	901	901	900	901	902	906
15	960	952	943	933	923	912	903	890	880	869	861	852	847	841	840	838	840	844	850
20	971	959	944	928	910	893	874	854	839	820	805	790	780	769	765	761	763	766	776
25	995	980	958	935	909	881	851	820	791	759	734	708	691	673	666	658	661	663	677
30	1031	1012	983	953	916	874	826	776	731	684	646	611	586	567	554	548	547	552	564
35	1075	1050	1016	974	922	860	791	719	658	596	549	512	486	470	459	455	455	460	468
40	1123	1097	1055	1001	930	844	750	654	575	507	464	439	422	412	405	403	403	405	410
45	1175	1148	1098	1030	935	820	696	574	489	438	408	390	377	370	365	363	362	363	365
50	1234	1202	1143	1054	931	777	610	479	420	385	362	347	338	335	333	332	331	329	328
55	1304	1266	1188	1071	906	694	484	392	353	327	316	309	309	310	312	312	311	307	303
60	1410	1349	1230	1062	823	517	349	301	282	272	272	271	266	255	249	240	238	233	235
65	1582	1454	1255	987	595	258	214	198	195	195	191	173	164	154	148	140	138	135	138
70	1703	1494	1181	675	191	119	116	109	112	98.7	82.3	76.5	74.4	72.8	76.3	76.4	76.4	73.1	69.5
75	1413	1080	671	214	66.7	63.2	60.4	53.5	49.3	43.7	40.7	34.6	32.4	30.4	29.4	27.6	27.1	27.6	28.7
80	416	199	50.1	36.6	33.6	32.2	25.5	23.1	22.7	19.6	17.6	16.4	16.2	14.8	13.6	11.9	12.1	11.7	13.1
85	15.8	12.6	11.9	9.87	8.84	6.24	4.93	3.78	3.62	2.67	2.46	1.56	1.42	0.88	0.76	0.55	0.46	0.48	0.52
90	1.09	0.78	0.67	0.56	0.43	0.33	0.22	0.16	0.13	0.13	0.09	0.12	0.09	0.09	0.06	0.09	0.09	0.09	0.08
95	1.39	1.29	1.24	1.00	0.88	0.60	0.47	0.27	0.21	0.12	0.14	0.11	0.14	0.08	0.11	0.07	0.11	0.08	0.12
100	2.29	2.15	2.05	1.77	1.56	1.19	0.99	0.64	0.51	0.27	0.28	0.15	0.24	0.16	0.20	0.12	0.22	0.14	0.22
105	3.08	2.89	2.79	2.45	2.23	1.83	1.58	1.20	1.04	0.70	0.64	0.46	0.52	0.41	0.48	0.38	0.47	0.38	0.48
110	3.60	3.39	3.29	2.96	2.76	2.40	2.19	1.82	1.63	1.30	1.19	0.99	1.01	0.88	0.93	0.84	0.92	0.86	0.97
115	3.79	3.63	3.54	3.29	3.13	2.82	2.66	2.31	2.20	1.87	1.78	1.57	1.58	1.44	1.50	1.40	1.49	1.44	1.53
120	3.77	3.67	3.51	3.35	3.16	2.99	2.89	2.69	2.64	2.38	2.33	2.14	2.16	2.03	2.09	2.00	2.10	2.02	2.11
125	3.50	3.54	3.36	3.32	3.14	3.00	2.88	2.84	2.81	2.69	2.75	2.60	2.65	2.53	2.62	2.54	2.64	2.56	2.64
130	3.20	3.28	3.13	3.17	2.99	3.01	2.85	2.85	2.81	2.84	2.82	2.81	2.86	2.83	2.90	2.87	2.98	2.87	2.92
135	2.97	3.07	2.94	3.00	2.85	2.93	2.79	2.85	2.75	2.85	2.79	2.81	2.85	2.87	2.89	2.95	2.96	2.98	2.95
140	2.79	2.89	2.79	2.86	2.73	2.83	2.70	2.80	2.68	2.81	2.71	2.82	2.83	2.88	2.83	2.94	2.85	2.97	2.85
145	2.65	2.74	2.63	2.75	2.62	2.73	2.64	2.73	2.66	2.76	2.67	2.80	2.70	2.83	2.76	2.87	2.75	2.85	2.71
150	2.61	2.67	2.60	2.66	2.60	2.66	2.62	2.68	2.63	2.71	2.65	2.74	2.67	2.77	2.68	2.79	2.68	2.77	2.69
155	2.60	2.63	2.60	2.64	2.60	2.64	2.61	2.65	2.63	2.68	2.65	2.70	2.65	2.73	2.68	2.75	2.68	2.72	2.68
160	2.59	2.59	2.60	2.61	2.60	2.61	2.61	2.64	2.64	2.65	2.65	2.64	2.65	2.69	2.68	2.71	2.68	2.69	2.68
165	2.62	2.59	2.60	2.61	2.60	2.61	2.61	2.64	2.64	2.65	2.65	2.64	2.65	2.69	2.68	2.69	2.68	2.67	2.68
170	2.64	2.59	2.65	2.61	2.60	2.61	2.61	2.64	2.64	2.65	2.65	2.64	2.65	2.69	2.68	2.69	2.68	2.67	2.69
175	2.67	2.59	2.66	2.61	2.60	2.61	2.61	2.64	2.64	2.65	2.65	2.64	2.65	2.69	2.68	2.69	2.68	2.67	2.68
180	2.68	2.62	2.67	2.61	2.60	2.61	2.61	2.64	2.64	2.65	2.65	2.65	2.65	2.69	2.68	2.69	2.68	2.69	2.68

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-23

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:221.22V I:0.1104A P:23.809W PF:0.9749 Freq:50.00Hz Lamp Flux:4292x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 1.8		
SPEC.: AL6740004 24w 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	984	984	984	984	984	984	984	984	984	984	984	984	984	984	984				
5	950	953	955	957	959	962	964	967	970	974	977	980	983	986	988				
10	909	914	920	925	931	938	945	952	959	966	973	979	985	991	997				
15	855	865	874	886	897	911	925	939	952	965	979	990	1001	1010	1018				
20	785	802	818	838	859	882	906	930	953	976	998	1017	1034	1047	1058				
25	690	715	740	773	808	847	885	925	962	997	1031	1059	1084	1102	1117				
30	583	609	645	689	736	794	853	914	973	1025	1074	1113	1145	1167	1182				
35	482	506	541	589	650	725	808	899	985	1060	1124	1172	1210	1234	1250				
40	419	433	456	491	550	639	748	872	990	1092	1174	1234	1276	1302	1319				
45	371	381	398	422	462	532	658	822	980	1112	1217	1290	1338	1364	1378				
50	328	333	342	360	388	435	531	730	944	1124	1260	1354	1415	1443	1456				
55	298	294	294	299	312	342	396	562	855	1111	1298	1432	1520	1559	1579				
60	236	243	243	241	237	245	262	323	640	1026	1290	1494	1652	1738	1783				
65	137	140	145	159	160	156	156	165	237	704	1152	1458	1673	1861	1965				
70	63.4	63.0	66.6	73.9	84.6	93.5	90.3	96.0	97.3	255	658	1133	1465	1622	1556				
75	28.4	29.6	30.6	35.4	39.0	45.5	48.8	51.5	49.8	58.3	113	354	545	888	917				
80	13.4	13.8	13.5	14.0	14.5	17.7	17.7	18.7	19.8	21.4	25.2	33.2	43.5	104	200				
85	0.53	0.61	0.57	0.72	0.62	0.84	0.82	1.10	1.15	1.49	1.44	1.87	1.65	1.83	2.00				
90	0.09	0.09	0.09	0.10	0.12	0.13	0.17	0.26	0.41	0.56	0.70	0.88	0.95	1.07	1.29				
95	0.08	0.13	0.09	0.16	0.13	0.26	0.30	0.59	0.74	1.07	1.26	1.57	1.70	1.88	2.06				
100	0.17	0.28	0.19	0.35	0.36	0.60	0.73	1.05	1.28	1.65	1.88	2.26	2.44	2.66	2.86				
105	0.44	0.58	0.55	0.74	0.82	1.08	1.24	1.59	1.79	2.17	2.39	2.78	2.95	3.22	3.48				
110	0.94	1.07	1.07	1.28	1.36	1.64	1.76	2.09	2.28	2.63	2.82	3.18	3.30	3.51	3.85				
115	1.50	1.64	1.64	1.84	1.89	2.13	2.22	2.52	2.68	3.02	3.16	3.33	3.49	3.52	3.91				
120	2.06	2.19	2.18	2.35	2.36	2.57	2.63	2.90	2.95	3.20	3.23	3.32	3.46	3.36	3.88				
125	2.57	2.69	2.63	2.77	2.74	2.89	2.85	2.98	3.00	3.03	3.16	3.07	3.18	3.09	3.64				
130	2.86	2.89	2.88	2.88	2.88	2.89	2.89	2.86	2.98	2.87	2.97	2.82	2.93	2.83	3.41				
135	2.92	2.89	2.88	2.85	2.89	2.85	2.87	2.76	2.85	2.70	2.80	2.67	2.74	2.67	3.29				
140	2.89	2.83	2.86	2.79	2.83	2.69	2.78	2.66	2.73	2.61	2.70	2.59	2.65	2.59	3.22				
145	2.81	2.67	2.76	2.64	2.73	2.66	2.69	2.59	2.66	2.58	2.64	2.58	2.60	2.58	3.19				
150	2.73	2.65	2.69	2.64	2.67	2.64	2.63	2.59	2.62	2.58	2.60	2.58	2.58	2.59	3.19				
155	2.69	2.65	2.65	2.64	2.63	2.62	2.61	2.59	2.60	2.58	2.58	2.57	2.57	2.60	3.21				
160	2.66	2.65	2.65	2.63	2.61	2.61	2.60	2.59	2.58	2.58	2.58	2.59	2.57	2.60	3.35				
165	2.65	2.66	2.65	2.65	2.61	2.62	2.60	2.62	2.58	2.60	2.58	2.60	2.57	2.64	3.51				
170	2.65	2.67	2.65	2.66	2.61	2.65	2.60	2.64	2.58	2.62	2.58	2.63	2.57	2.68	3.64				
175	2.65	2.67	2.65	2.66	2.61	2.67	2.60	2.65	2.58	2.64	2.58	2.64	2.57	2.69	3.85				
180	2.65	2.67	2.65	2.66	2.61	2.67	2.60	2.63	2.58	2.64	2.58	2.65	2.59	2.69	4.02				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-23

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: