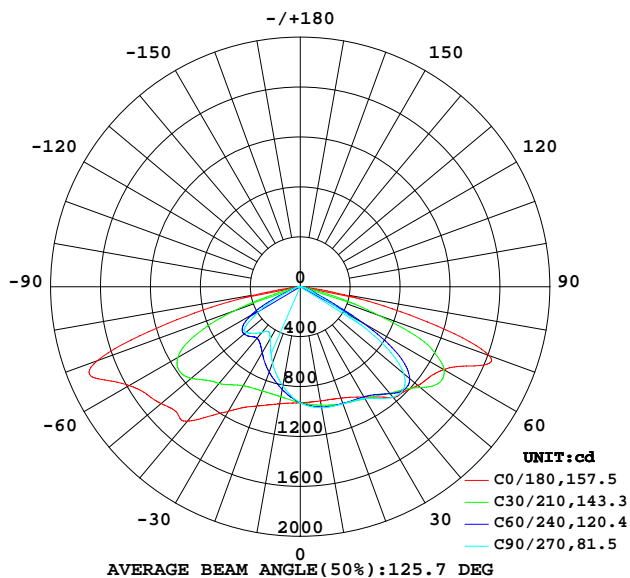
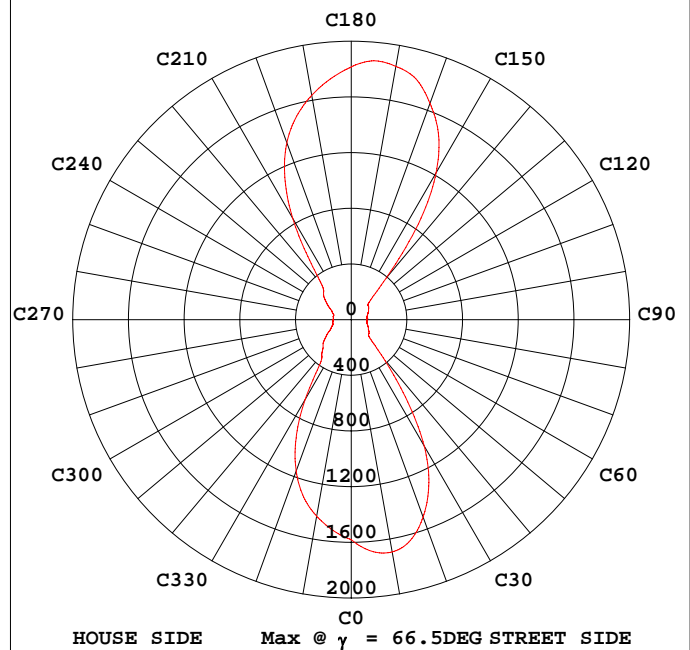


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.61V I:0.1102A P:23.716W PF:0.9797 Freq:50.00Hz Lamp Flux:4068.83x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004G 24w4000K 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: 171.57 lm/W			
MODEL	24W4000K	Imax(cd)	1867	η street_up(%)	0.1
NOMINAL POWER(W)	24	LOR(%)	100.0	η street_down(%)	57.2
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	4069	η house_up(%)	0.2
NOMINAL FLUX(lm)	4068.83	MAXIMUM @(C, γ)	175,66.5	η house_down(%)	42.5
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	20.020

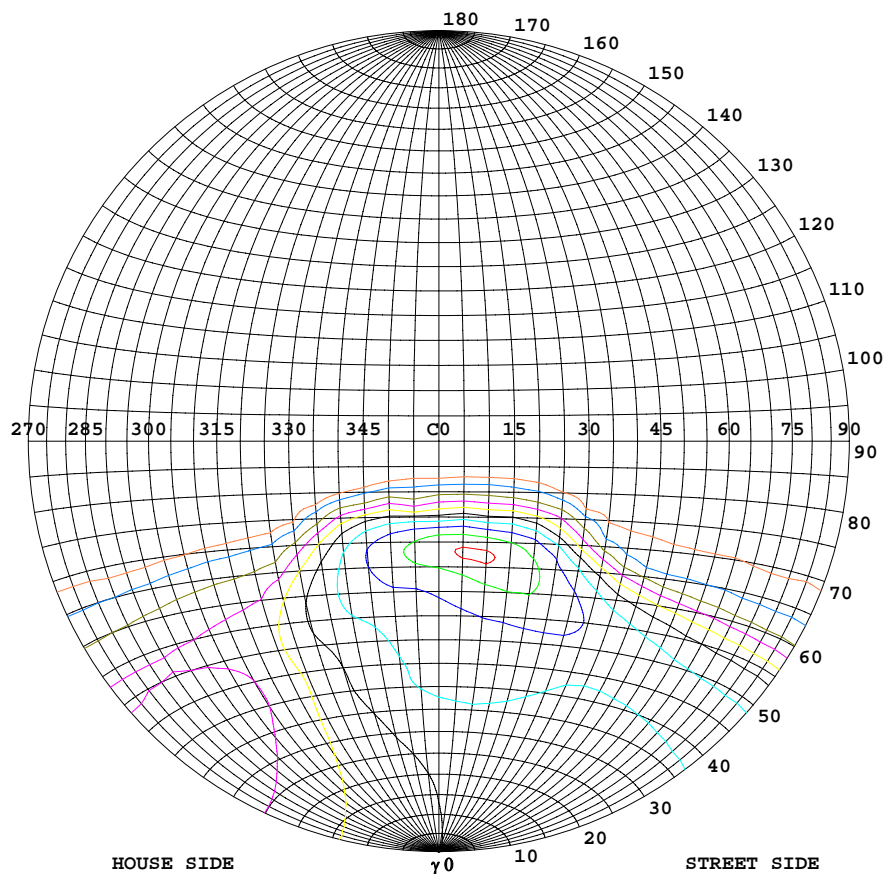
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:zhaojicheng
Test Date:2023-12-05

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:219.61V I:0.1102A P:23.716W PF:0.9797 Freq:50.00Hz Lamp Flux:4068.83x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004G 24w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:



Classification:

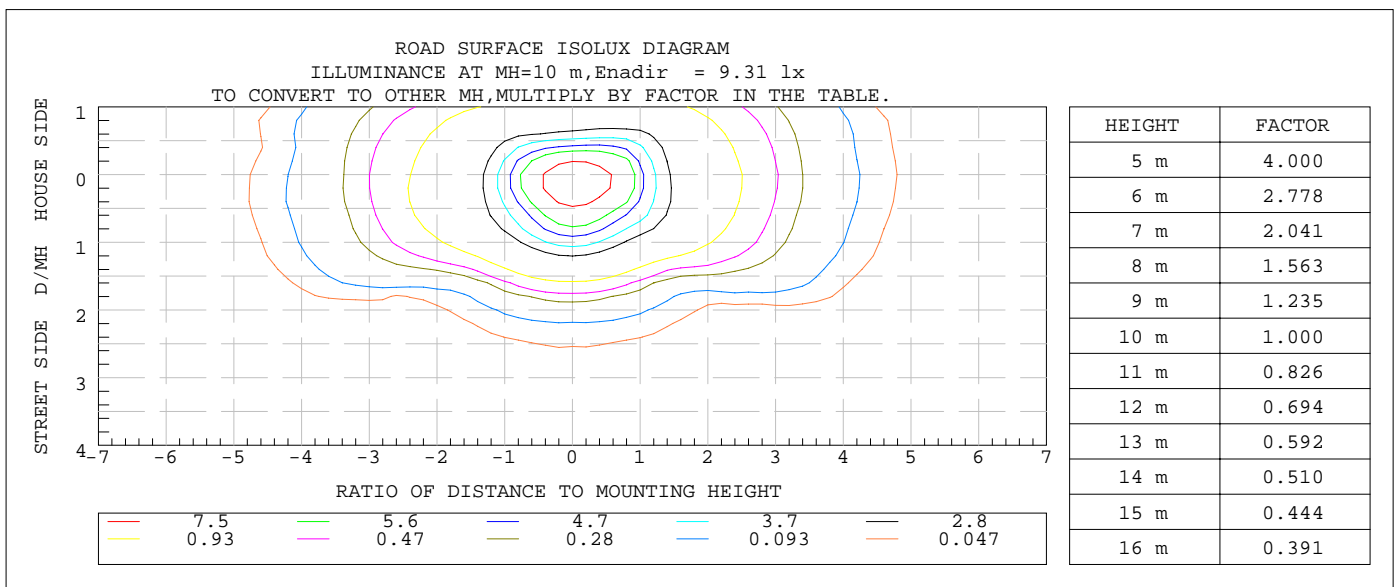
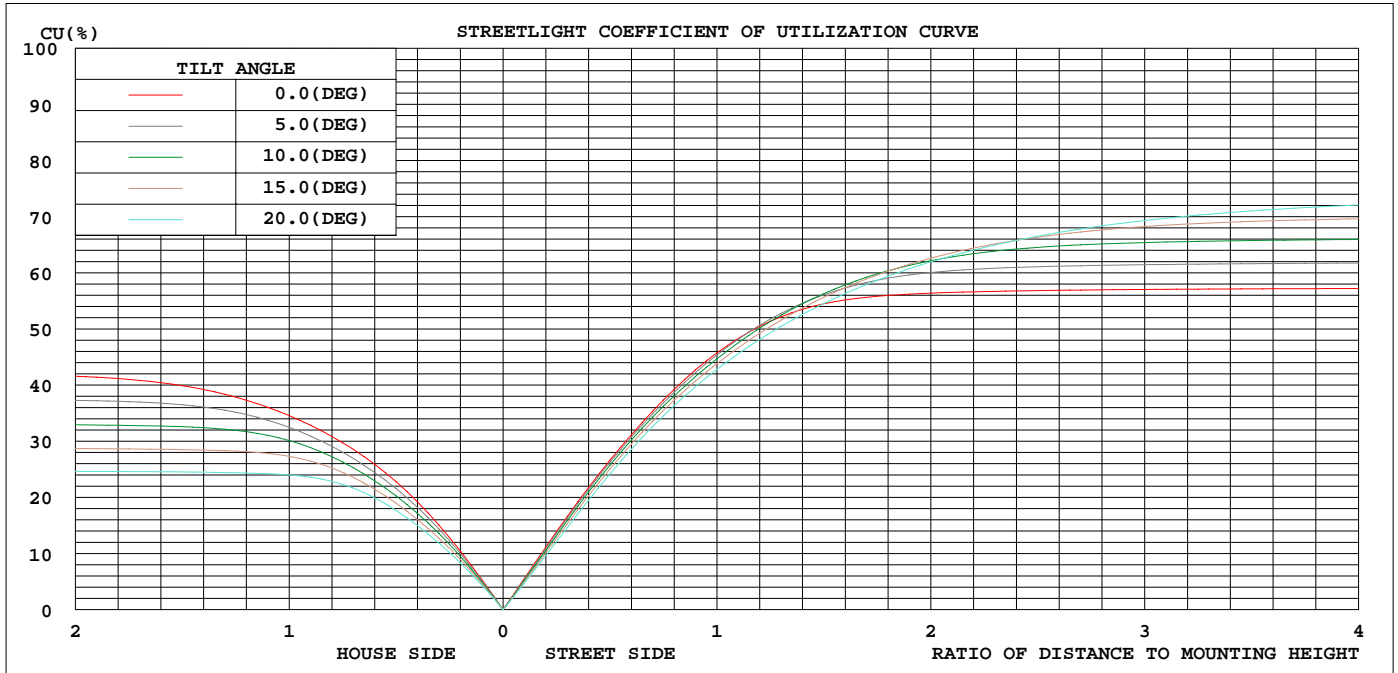
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:79.79cd/klm
Max.At90:0.1934cd/klm
Max.80-90:79.79cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	1867
90%	1680
80%	1494
70%	1307
60%	1120
50%	934
40%	747
30%	560
20%	373
10%	187
5%	93

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:zhaojicheng
Test Date:2023-12-05

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: zhaojicheng
Test Date: 2023-12-05

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:219.61V I:0.1102A P:23.716W PF:0.9797 Freq:50.00Hz Lamp Flux:4068.83x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004G 24w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:

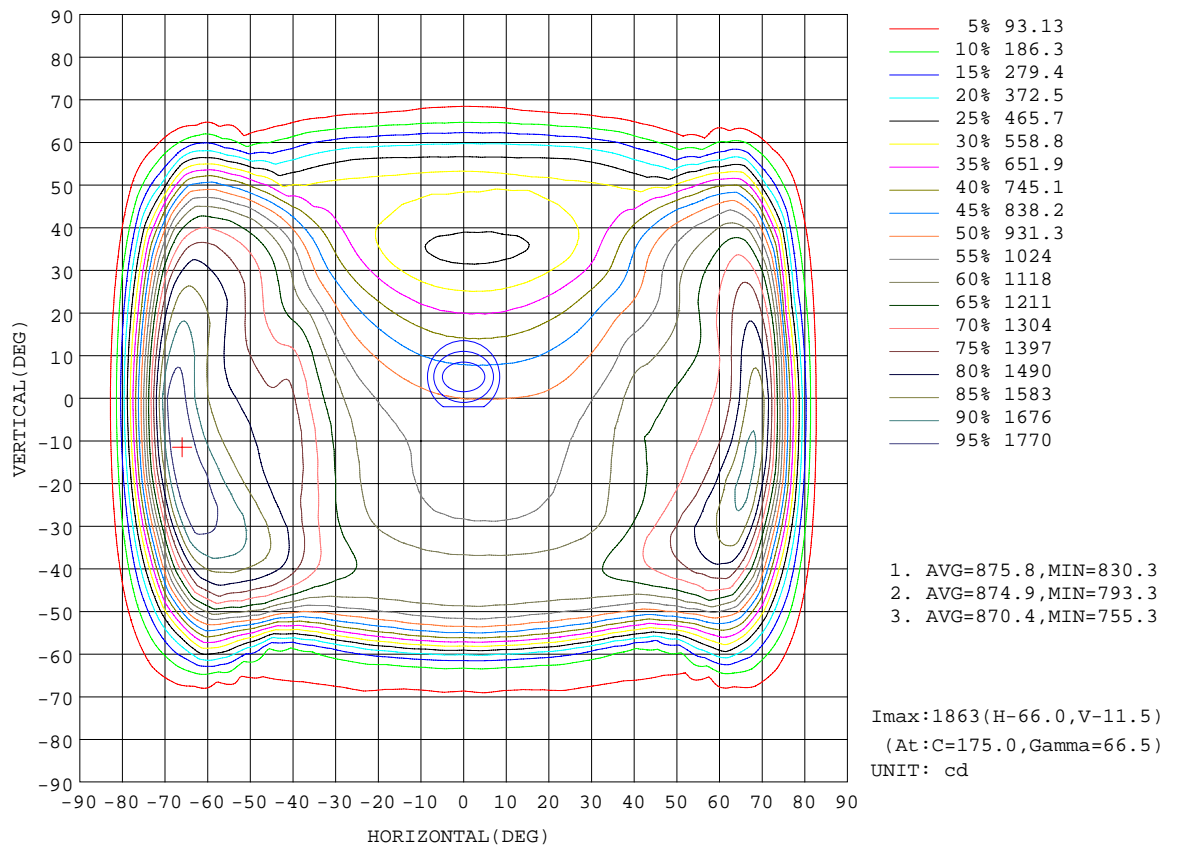
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	929.3	973.6	984.9	987.8	952.7	863.9	807.7	847.8	0- 10	88.13	88.13	2.17,2.17
20	950.5	999.2	998.2	1033	1017	806.1	650.4	761.2	10- 20	257.7	345.8	8.5,8.5
30	1020	1024	1035	1088	1152	762.8	483.6	689.3	20- 30	416.6	762.4	18.7,18.7
40	1159	1089	1155	1187	1406	726.4	477.2	620.1	30- 40	589.1	1352	33.2,33.2
50	1230	1212	1082	1273	1456	719.2	568.8	626.3	40- 50	786.7	2138	52.6,52.6
60	1328	882.5	384.1	875.1	1583	533.7	363.4	526.3	50- 60	885.7	3024	74.3,74.3
70	1610	117.3	82.42	118.0	1729	127.6	76.61	131.5	60- 70	699.1	3723	91.5,91.5
80	305.7	29.87	19.90	31.91	324.6	22.55	18.97	21.59	70- 80	313.9	4037	99.2,99.2
90	0.4517	0.0843	0.0837	0.3436	0.7641	0.1633	0.0837	0.1363	80- 90	20.80	4058	99.7,99.7
100	1.630	0.2531	0.0837	0.2630	2.094	0.4469	0.2096	0.4380	90-100	0.4653	4058	99.7,99.7
110	2.938	0.8174	0.3654	0.7886	3.129	1.466	0.7775	1.445	100-110	1.153	4059	99.8,99.8
120	3.516	1.520	0.8785	1.427	3.212	2.398	1.843	2.496	110-120	1.854	4061	99.8,99.8
130	3.508	1.949	1.235	1.695	2.835	2.744	2.795	3.156	120-130	2.128	4063	99.9,99.9
140	3.119	2.095	1.352	1.797	2.501	2.740	2.869	3.158	130-140	1.918	4065	99.9,99.9
150	2.846	2.159	1.507	1.896	2.402	2.678	2.755	2.958	140-150	1.516	4067	99.9,99.9
160	2.690	2.253	1.811	2.087	2.443	2.630	2.701	2.815	150-160	1.113	4068	100,100
170	2.645	2.431	2.187	2.360	2.553	2.630	2.690	2.727	160-170	0.6983	4069	100,100
180	2.679	2.557	2.544	2.548	2.679	2.630	2.628	2.632	170-180	0.2434	4069	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:zhaojicheng
Test Date:2023-12-05

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

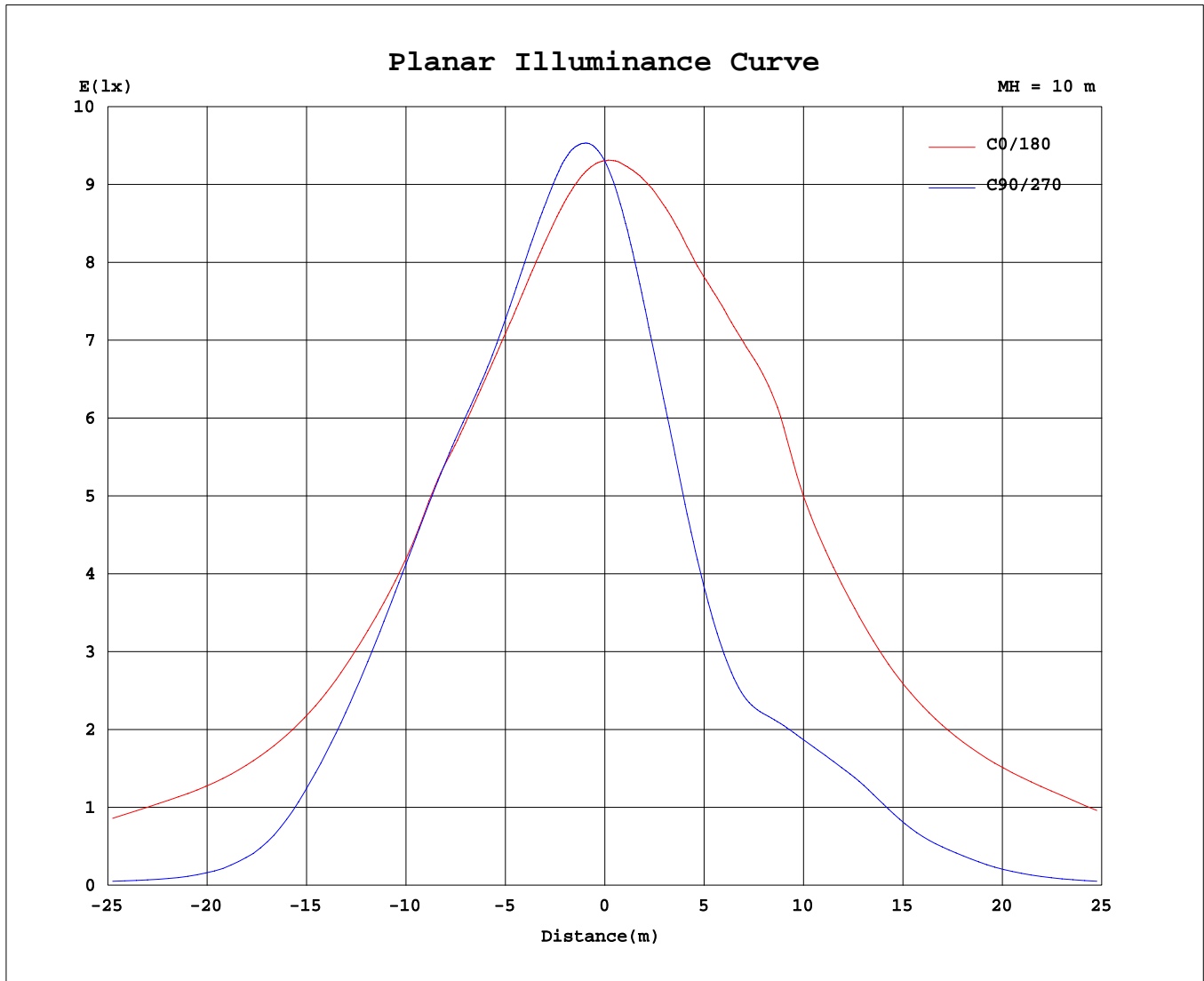
Test:U:219.61V I:0.1102A P:23.716W PF:0.9797 Freq:50.00Hz Lamp Flux:4068.83x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004G 24w4000K With glass	DIM.: 42.5*19*9	SERIAL No.: 001
MFR.: Americanlite	SUR.: 16.5*11.5	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:zhaojicheng
Test Date:2023-12-05

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



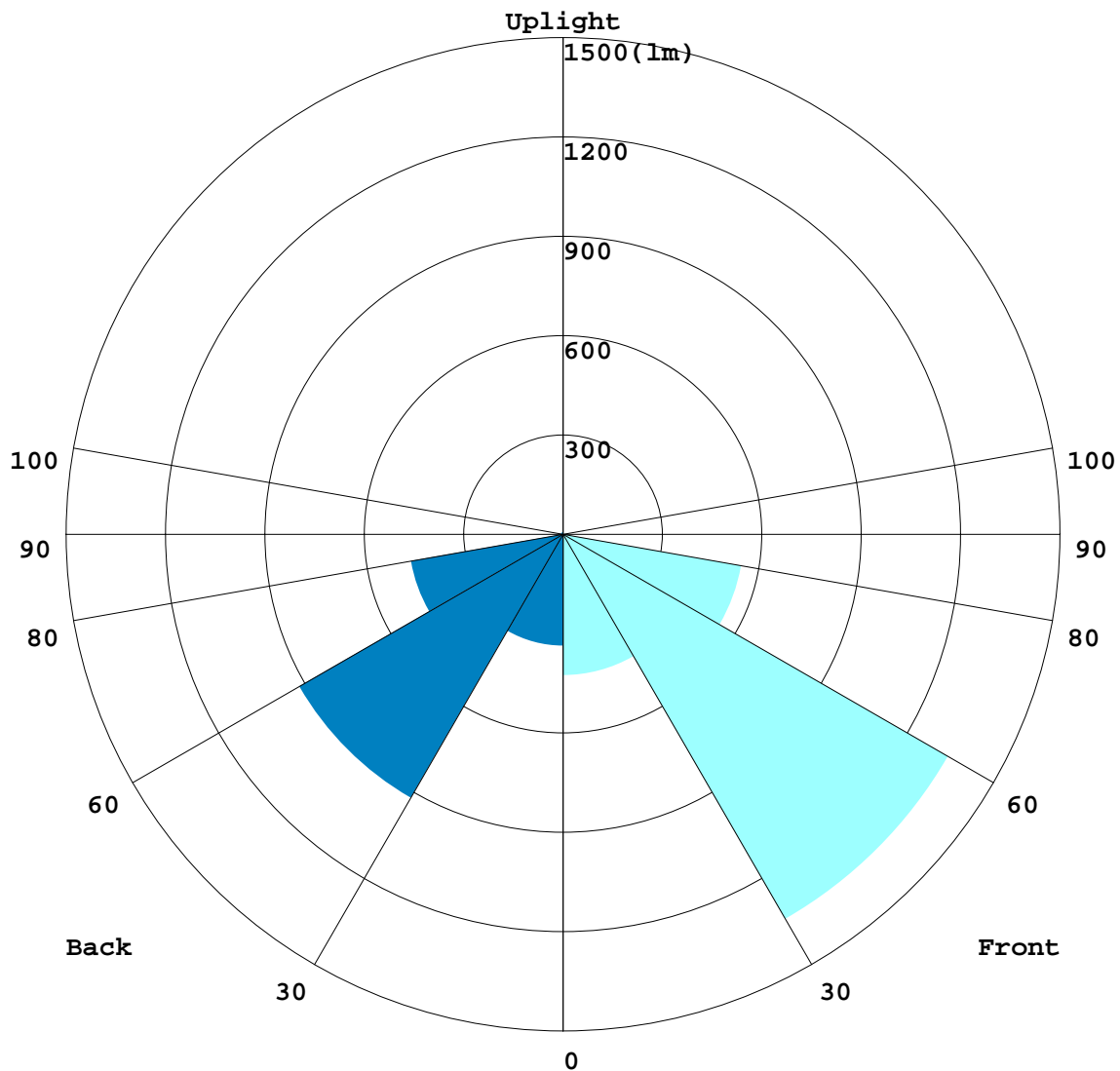
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.0°C
 Operators: zhaojicheng
 Test Date: 2023-12-05

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:219.61V I:0.1102A P:23.716W PF:0.9797 Freq:50.00Hz Lamp Flux:4068.83x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004G 24w4000K 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℃
Operators:zhaojicheng
Test Date:2023-12-05

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:219.61V I:0.1102A P:23.716W PF:0.9797 Freq:50.00Hz Lamp Flux:4068.83x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004G 24w4000K 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)	425.75	10.5
FM - Front-Medium(30-60)	1342.3	33.0
FH - Front-High(60-80)	546.5	13.4
FVH - Front-Very High(80-90)	12.103	0.3
Total Forward Light	2331.2	57.3

BL - Back-Low(0-30)	336.69	8.3
BM - Back-Medium(30-60)	919.24	22.6
BH - Back-High(60-80)	466.48	11.5
BVH - Back-Very High(80-90)	8.6995	0.2
Total Back Light	1737.6	42.7

UL - Uplight-Low(90-100)	0.46531	0.0
UH - Uplight-High(100-180)	10.625	0.3
Total Up Light	11.09	0.3

BUG(Back,Up,Glare) Rating	B1-U2-G1
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	1731.1	6.5329	1737.6
Street Side	2326.6	4.5574	2331.2

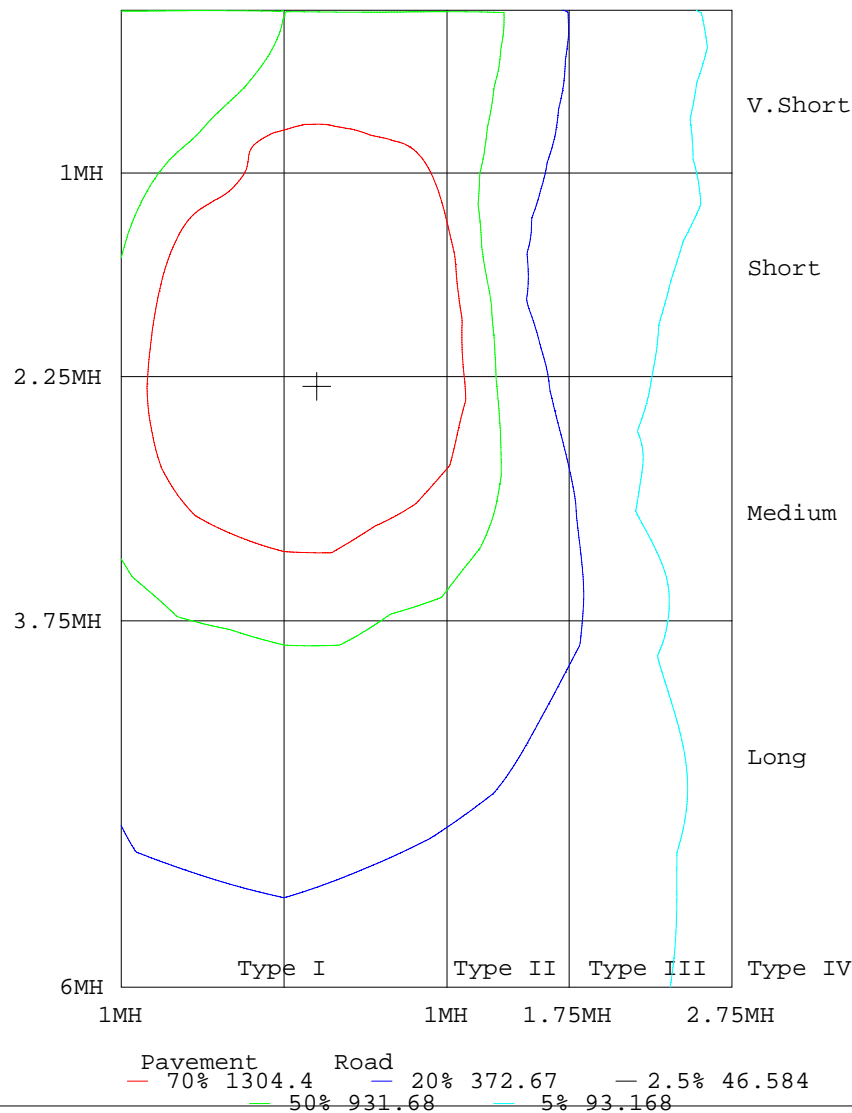
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:zhaojicheng
Test Date:2023-12-05

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:219.61V I:0.1102A P:23.716W PF:0.9797 Freq:50.00Hz Lamp Flux:4068.83x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004G 24w4000K 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: zhaojicheng
Test Date: 2023-12-05

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:219.61V I:0.1102A P:23.716W PF:0.9797 Freq:50.00Hz Lamp Flux:4068.83x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004G 24w4000K 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	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929
5	928	931	935	938	941	944	947	949	952	953	955	957	958	960	961	961	963	963	963
10	929	936	943	949	955	960	964	968	971	974	976	978	978	981	981	983	983	984	985
15	935	946	956	963	970	976	981	985	987	990	991	991	991	991	991	991	990	992	992
20	951	963	974	982	990	995	996	998	998	999	997	998	996	997	995	996	996	997	998
25	976	991	1003	1009	1013	1013	1013	1011	1010	1010	1008	1007	1004	1005	1002	1004	1004	1007	1009
30	1020	1035	1044	1046	1045	1041	1036	1031	1026	1024	1021	1020	1019	1021	1023	1026	1030	1033	1035
35	1079	1094	1101	1098	1091	1079	1069	1059	1050	1045	1045	1049	1055	1063	1071	1078	1086	1090	1094
40	1159	1174	1179	1167	1152	1134	1114	1097	1088	1089	1098	1107	1118	1129	1139	1146	1151	1154	1155
45	1185	1208	1217	1210	1197	1183	1167	1155	1155	1161	1170	1171	1172	1173	1171	1172	1168	1169	1166
50	1230	1252	1261	1255	1253	1253	1257	1248	1232	1212	1191	1170	1144	1128	1108	1100	1091	1092	1082
55	1263	1288	1308	1325	1358	1376	1349	1293	1217	1151	1084	1031	971	934	891	878	851	850	831
60	1328	1368	1425	1484	1495	1438	1331	1186	1014	882	753	663	584	534	467	440	406	404	384
65	1504	1585	1656	1621	1540	1363	1149	857	536	349	249	211	190	177	154	149	142	141	133
70	1610	1622	1583	1494	1363	1097	668	293	131	117	106	101	97.5	96.5	89.9	86.3	84.4	86.6	82.4
75	981	1046	960	945	797	568	230	88.3	74.9	68.5	63.6	61.1	55.6	53.2	47.6	45.3	43.7	45.9	43.5
80	306	319	307	259	206	99.3	46.3	38.2	31.9	29.9	26.5	24.8	21.9	21.5	20.8	20.8	20.6	20.8	19.9
85	22.3	28.0	27.1	26.1	17.5	12.9	9.59	8.18	6.47	6.56	5.62	5.59	4.92	4.87	4.52	4.68	4.42	4.57	3.67
90	0.45	0.41	0.36	0.32	0.31	0.20	0.18	0.10	0.08	0.08	0.09	0.07	0.09	0.08	0.08	0.08	0.10	0.07	0.08
95	0.89	0.90	0.77	0.71	0.50	0.46	0.23	0.22	0.09	0.13	0.08	0.11	0.08	0.11	0.07	0.10	0.08	0.09	0.08
100	1.63	1.62	1.46	1.31	1.02	0.88	0.57	0.48	0.28	0.25	0.15	0.19	0.09	0.17	0.07	0.17	0.08	0.16	0.08
105	2.38	2.35	2.11	1.94	1.59	1.38	1.00	0.84	0.55	0.50	0.30	0.35	0.22	0.30	0.18	0.27	0.18	0.27	0.16
110	2.94	2.92	2.65	2.48	2.10	1.86	1.50	1.27	0.93	0.82	0.58	0.59	0.45	0.51	0.40	0.48	0.37	0.46	0.37
115	3.34	3.32	3.06	2.91	2.54	2.29	1.89	1.69	1.32	1.19	0.90	0.89	0.71	0.77	0.65	0.72	0.63	0.71	0.64
120	3.52	3.48	3.32	3.15	2.84	2.64	2.24	2.04	1.66	1.52	1.22	1.18	0.98	1.03	0.91	0.99	0.87	1.00	0.88
125	3.53	3.46	3.32	3.18	2.94	2.66	2.44	2.26	1.91	1.76	1.48	1.45	1.22	1.27	1.13	1.23	1.14	1.22	1.15
130	3.51	3.34	3.31	3.06	2.93	2.68	2.50	2.36	2.05	1.95	1.65	1.61	1.40	1.44	1.30	1.36	1.24	1.33	1.23
135	3.34	3.17	3.15	2.96	2.90	2.66	2.50	2.37	2.16	2.05	1.79	1.74	1.52	1.52	1.37	1.45	1.34	1.40	1.33
140	3.12	2.96	2.99	2.79	2.80	2.54	2.50	2.38	2.19	2.10	1.83	1.81	1.58	1.61	1.48	1.49	1.35	1.45	1.35
145	2.95	2.81	2.87	2.68	2.72	2.53	2.50	2.39	2.20	2.13	1.88	1.89	1.65	1.69	1.54	1.57	1.43	1.52	1.39
150	2.85	2.69	2.78	2.66	2.69	2.53	2.50	2.39	2.21	2.16	1.98	1.95	1.76	1.78	1.60	1.68	1.55	1.63	1.51
155	2.77	2.69	2.75	2.63	2.65	2.53	2.47	2.39	2.22	2.21	2.00	2.03	1.85	1.90	1.73	1.79	1.66	1.74	1.62
160	2.69	2.67	2.70	2.63	2.62	2.53	2.47	2.42	2.23	2.25	2.08	2.14	1.98	2.02	1.86	1.94	1.82	1.91	1.81
165	2.65	2.66	2.66	2.63	2.58	2.54	2.47	2.44	2.29	2.35	2.18	2.24	2.10	2.18	2.04	2.13	2.01	2.11	2.00
170	2.65	2.68	2.66	2.63	2.58	2.55	2.47	2.48	2.37	2.43	2.33	2.38	2.26	2.36	2.22	2.31	2.20	2.30	2.19
175	2.65	2.69	2.66	2.64	2.58	2.58	2.49	2.54	2.46	2.55	2.43	2.51	2.40	2.50	2.38	2.49	2.40	2.50	2.38
180	2.68	2.69	2.66	2.65	2.57	2.58	2.55	2.56	2.55	2.56	2.54	2.55	2.53	2.54	2.53	2.55	2.56	2.57	2.54

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-05

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:219.61V I:0.1102A P:23.716W PF:0.9797 Freq:50.00Hz Lamp Flux:4068.83x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004G 24w4000K 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	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929
5	964	963	964	963	963	963	962	961	960	959	957	955	952	949	946	943	940	936	932
10	986	986	988	987	989	989	989	988	988	987	985	983	980	976	972	968	960	953	945
15	995	996	999	1000	1005	1007	1010	1012	1014	1016	1017	1016	1014	1010	1006	1000	991	980	969
20	1001	1003	1007	1009	1014	1018	1023	1027	1033	1040	1045	1048	1050	1050	1046	1041	1031	1017	1003
25	1012	1014	1018	1021	1027	1032	1039	1047	1056	1066	1075	1084	1090	1094	1095	1093	1083	1067	1049
30	1037	1040	1041	1044	1050	1055	1064	1076	1088	1102	1118	1136	1150	1165	1174	1179	1172	1152	1132
35	1095	1096	1097	1098	1100	1103	1107	1115	1129	1150	1175	1208	1237	1263	1280	1293	1287	1266	1243
40	1157	1159	1161	1162	1163	1163	1164	1172	1187	1213	1250	1301	1348	1388	1415	1432	1429	1406	1376
45	1169	1169	1174	1175	1182	1191	1205	1224	1247	1286	1340	1394	1424	1442	1452	1455	1442	1411	1379
50	1084	1081	1091	1095	1115	1137	1174	1213	1273	1355	1444	1500	1514	1510	1504	1501	1489	1456	1416
55	843	839	859	867	907	946	1011	1073	1178	1335	1488	1583	1634	1637	1606	1573	1538	1501	1469
60	398	397	427	446	505	550	627	722	875	1113	1367	1541	1671	1734	1748	1711	1643	1583	1565
65	141	142	149	151	174	184	199	230	333	584	1023	1331	1544	1711	1805	1846	1828	1758	1713
70	85.7	84.0	85.3	89.4	97.7	98.0	101	107	118	133	436	819	1227	1442	1555	1647	1704	1729	1610
75	45.6	44.2	46.2	49.3	55.1	57.4	62.6	65.7	71.4	77.5	94.9	315	627	789	934	953	1045	1025	977
80	20.8	21.0	21.6	21.9	22.6	23.1	26.0	28.0	31.9	34.9	41.1	51.7	96.2	176	237	281	299	325	303
85	4.61	4.67	5.02	4.88	5.33	5.43	6.20	6.43	7.39	7.67	9.77	12.1	16.9	21.5	27.1	28.3	28.5	25.7	18.6
90	0.07	0.11	0.08	0.10	0.09	0.13	0.09	0.13	0.34	0.15	0.26	0.19	0.22	0.33	0.36	0.48	0.44	0.76	0.79
95	0.10	0.07	0.09	0.09	0.12	0.12	0.13	0.12	0.14	0.14	0.23	0.24	0.48	0.52	0.73	0.76	0.93	1.36	1.32
100	0.15	0.08	0.17	0.09	0.18	0.12	0.21	0.14	0.26	0.23	0.48	0.63	0.92	1.05	1.32	1.41	1.57	2.09	2.06
105	0.28	0.18	0.29	0.19	0.32	0.25	0.37	0.31	0.48	0.53	0.85	1.05	1.43	1.60	1.91	2.03	2.24	2.73	2.69
110	0.47	0.39	0.48	0.43	0.54	0.48	0.61	0.57	0.79	0.90	1.28	1.50	1.88	2.03	2.36	2.49	2.70	3.13	3.10
115	0.72	0.63	0.75	0.67	0.79	0.73	0.87	0.86	1.13	1.29	1.65	1.82	2.16	2.33	2.59	2.73	2.99	3.25	3.29
120	0.99	0.88	1.01	0.91	1.05	0.96	1.13	1.14	1.43	1.52	1.86	2.00	2.19	2.35	2.60	2.82	3.00	3.21	3.31
125	1.23	1.13	1.21	1.13	1.22	1.15	1.34	1.34	1.59	1.65	1.93	2.00	2.19	2.37	2.58	2.84	2.99	3.07	3.23
130	1.34	1.22	1.32	1.19	1.33	1.30	1.46	1.49	1.69	1.71	1.96	2.00	2.19	2.38	2.55	2.83	2.88	2.84	3.02
135	1.38	1.29	1.37	1.29	1.41	1.35	1.55	1.54	1.75	1.75	1.98	2.00	2.19	2.39	2.53	2.71	2.72	2.66	2.82
140	1.42	1.33	1.43	1.34	1.48	1.48	1.63	1.60	1.80	1.83	2.01	2.03	2.19	2.37	2.39	2.60	2.55	2.50	2.66
145	1.51	1.40	1.51	1.46	1.60	1.53	1.70	1.66	1.86	1.88	2.02	2.04	2.19	2.33	2.38	2.51	2.48	2.40	2.55
150	1.60	1.50	1.62	1.53	1.67	1.61	1.77	1.72	1.90	1.89	2.06	2.05	2.19	2.29	2.37	2.46	2.47	2.40	2.46
155	1.74	1.64	1.73	1.65	1.77	1.71	1.86	1.83	1.96	1.93	2.10	2.06	2.24	2.29	2.37	2.44	2.47	2.42	2.45
160	1.89	1.82	1.90	1.83	1.92	1.83	1.98	1.92	2.09	2.02	2.19	2.16	2.29	2.30	2.39	2.44	2.47	2.44	2.45
165	2.09	1.99	2.08	1.99	2.11	2.02	2.16	2.09	2.22	2.15	2.28	2.21	2.36	2.32	2.44	2.44	2.50	2.48	2.45
170	2.31	2.19	2.27	2.17	2.29	2.20	2.32	2.23	2.36	2.28	2.41	2.33	2.44	2.36	2.49	2.44	2.56	2.55	2.48
175	2.47	2.37	2.48	2.36	2.48	2.37	2.49	2.38	2.50	2.40	2.52	2.43	2.54	2.47	2.56	2.54	2.66	2.65	2.52
180	2.62	2.55	2.56	2.54	2.55	2.53	2.55	2.54	2.55	2.54	2.55	2.55	2.56	2.56	2.57	2.67	2.70	2.68	2.66

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-05

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:219.61V I:0.1102A P:23.716W PF:0.9797 Freq:50.00Hz Lamp Flux:4068.83x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 1.8
SPEC.: AL6740004G 24w4000K 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	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929
5	929	924	919	915	911	907	902	898	894	890	887	884	881	879	878	876	876	875	876
10	937	927	916	906	896	885	874	864	854	844	836	828	822	815	812	809	808	807	809
15	955	940	923	906	888	870	850	832	815	797	782	767	756	745	739	733	732	730	733
20	984	963	939	915	889	862	834	806	780	753	729	707	688	671	662	653	650	649	655
25	1024	998	965	934	897	860	821	784	745	706	672	639	612	591	576	566	561	561	566
30	1099	1063	1016	968	916	865	815	763	710	658	610	572	540	516	499	488	484	484	489
35	1203	1158	1098	1034	959	884	810	740	675	614	560	520	488	467	452	447	442	443	444
40	1327	1270	1194	1110	1012	914	812	726	654	591	539	512	495	490	482	484	477	478	471
45	1336	1285	1222	1151	1060	948	831	727	649	590	564	554	542	539	532	533	528	528	522
50	1373	1331	1282	1227	1141	1013	850	719	637	607	589	581	571	571	567	571	569	569	562
55	1440	1420	1376	1297	1180	1011	801	646	607	585	565	555	545	534	526	519	518	518	525
60	1559	1507	1417	1297	1133	896	620	534	503	478	456	424	397	376	370	362	363	365	373
65	1632	1525	1388	1196	935	629	400	350	322	286	255	219	202	182	179	173	176	176	184
70	1519	1378	1189	914	559	258	165	128	111	87.5	81.2	73.8	70.9	70.3	74.3	75.6	76.6	76.3	74.9
75	955	848	682	392	151	57.2	54.3	50.1	47.6	44.8	44.1	43.0	42.4	41.0	42.2	42.9	43.8	43.1	42.1
80	280	168	93.3	36.6	30.9	27.5	26.0	22.5	21.9	20.7	20.5	19.9	19.9	19.0	18.9	18.5	19.0	18.4	18.6
85	15.9	12.3	10.5	8.11	7.24	6.12	5.76	5.04	5.01	4.77	4.86	4.49	4.61	4.07	4.07	3.39	3.58	3.32	3.91
90	0.74	0.75	0.59	0.60	0.36	0.26	0.31	0.16	0.15	0.13	0.12	0.12	0.08	0.11	0.09	0.09	0.08	0.09	0.07
95	1.35	1.19	1.10	0.84	0.72	0.44	0.35	0.16	0.18	0.13	0.16	0.13	0.14	0.09	0.13	0.09	0.13	0.07	0.14
100	2.08	1.90	1.77	1.48	1.28	0.92	0.73	0.45	0.36	0.20	0.26	0.14	0.24	0.13	0.21	0.13	0.21	0.12	0.21
105	2.71	2.50	2.38	2.07	1.88	1.48	1.28	0.91	0.76	0.53	0.56	0.41	0.46	0.35	0.42	0.31	0.41	0.33	0.41
110	3.13	2.91	2.82	2.53	2.39	2.04	1.84	1.47	1.31	1.03	1.02	0.85	0.88	0.74	0.80	0.70	0.78	0.69	0.78
115	3.27	3.16	3.10	2.84	2.76	2.45	2.33	1.98	1.86	1.59	1.55	1.37	1.39	1.27	1.32	1.21	1.28	1.19	1.29
120	3.26	3.21	3.12	2.99	2.86	2.71	2.66	2.40	2.32	2.09	2.06	1.93	1.93	1.82	1.87	1.77	1.84	1.75	1.84
125	3.13	3.19	3.04	3.01	2.89	2.83	2.79	2.64	2.67	2.50	2.52	2.38	2.44	2.32	2.40	2.31	2.39	2.29	2.37
130	2.95	3.05	2.93	3.00	2.84	2.86	2.79	2.74	2.71	2.70	2.75	2.68	2.78	2.69	2.80	2.72	2.80	2.69	2.80
135	2.78	2.88	2.76	2.88	2.75	2.85	2.73	2.75	2.71	2.73	2.73	2.78	2.85	2.87	2.84	2.87	2.89	2.87	2.89
140	2.57	2.71	2.65	2.75	2.64	2.77	2.66	2.74	2.69	2.73	2.72	2.80	2.82	2.86	2.86	2.87	2.87	2.88	2.87
145	2.48	2.60	2.52	2.66	2.57	2.69	2.60	2.72	2.67	2.73	2.67	2.79	2.71	2.85	2.81	2.86	2.82	2.88	2.82
150	2.46	2.52	2.51	2.57	2.54	2.63	2.59	2.68	2.66	2.73	2.67	2.79	2.68	2.83	2.75	2.85	2.76	2.88	2.78
155	2.46	2.50	2.51	2.55	2.54	2.60	2.59	2.65	2.61	2.71	2.67	2.76	2.68	2.80	2.70	2.84	2.75	2.85	2.73
160	2.47	2.49	2.52	2.53	2.54	2.59	2.59	2.63	2.61	2.69	2.67	2.73	2.68	2.77	2.70	2.80	2.70	2.83	2.70
165	2.51	2.50	2.54	2.53	2.54	2.59	2.59	2.63	2.61	2.68	2.67	2.73	2.68	2.75	2.68	2.79	2.69	2.79	2.68
170	2.54	2.51	2.55	2.53	2.54	2.59	2.59	2.63	2.61	2.68	2.67	2.71	2.65	2.73	2.67	2.76	2.69	2.77	2.65
175	2.61	2.52	2.55	2.53	2.54	2.59	2.59	2.63	2.61	2.66	2.62	2.68	2.62	2.70	2.64	2.71	2.66	2.73	2.63
180	2.67	2.55	2.55	2.54	2.54	2.59	2.59	2.63	2.61	2.63	2.61	2.62	2.61	2.63	2.63	2.64	2.63	2.64	2.62

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-05

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:219.61V I:0.1102A P:23.716W PF:0.9797 Freq:50.00Hz Lamp Flux:4068.83x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 1.8		
SPEC.: AL6740004G 24w4000K 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	929	929	929	929	929	929	929	929	929	929	929	929	929	929	929				
5	877	879	880	883	885	888	891	896	900	904	908	911	916	920	924				
10	810	815	820	827	833	841	848	857	865	875	884	894	903	913	921				
15	737	744	752	763	774	789	803	820	835	851	865	880	896	909	923				
20	659	671	684	702	719	740	761	785	808	832	855	877	898	916	934				
25	575	589	610	635	663	694	726	759	792	824	856	885	913	936	958				
30	501	516	539	567	603	646	689	735	780	823	866	904	942	972	999				
35	451	461	482	510	550	597	654	715	776	833	889	938	984	1021	1055				
40	473	468	473	482	513	558	620	691	769	847	920	983	1042	1088	1130				
45	522	518	521	521	533	559	619	691	774	856	934	1002	1064	1114	1154				
50	561	557	561	562	572	581	626	713	815	906	979	1036	1094	1145	1192				
55	532	543	554	560	571	583	605	684	819	949	1048	1112	1155	1185	1229				
60	382	403	428	459	481	502	526	566	730	916	1063	1171	1248	1286	1296				
65	188	208	225	263	293	329	353	395	482	750	990	1172	1308	1403	1471				
70	70.2	70.4	72.9	82.0	90.1	114	131	167	210	421	754	1056	1267	1407	1501				
75	40.6	41.7	41.6	42.8	44.1	47.8	50.8	55.2	57.2	77.1	289	620	832	968	972				
80	18.6	19.3	18.9	19.6	19.7	21.1	21.6	24.7	26.2	28.6	33.7	82.4	163	258	248				
85	3.84	4.26	4.08	4.41	4.17	4.38	4.31	4.84	5.00	5.88	6.62	8.53	10.01	14.2	19.8				
90	0.10	0.08	0.11	0.08	0.13	0.11	0.14	0.23	0.25	0.33	0.46	0.53	0.64	0.67	0.77				
95	0.09	0.14	0.09	0.15	0.12	0.18	0.15	0.36	0.43	0.68	0.81	1.07	1.16	1.35	1.44				
100	0.14	0.22	0.14	0.26	0.18	0.38	0.44	0.72	0.88	1.22	1.43	1.77	1.95	2.16	2.29				
105	0.32	0.44	0.37	0.52	0.50	0.76	0.88	1.21	1.43	1.82	2.07	2.47	2.68	2.95	3.09				
110	0.71	0.83	0.80	0.96	1.01	1.29	1.45	1.79	2.00	2.41	2.66	3.09	3.31	3.58	3.69				
115	1.21	1.34	1.31	1.49	1.56	1.84	1.99	2.34	2.55	2.94	3.20	3.61	3.78	3.96	4.06				
120	1.77	1.88	1.86	2.04	2.11	2.37	2.50	2.83	3.02	3.40	3.56	3.82	3.97	4.00	4.16				
125	2.31	2.41	2.38	2.56	2.59	2.84	2.91	3.22	3.33	3.51	3.64	3.82	4.00	3.92	4.05				
130	2.71	2.82	2.75	2.94	2.93	3.11	3.16	3.25	3.37	3.47	3.61	3.58	3.72	3.62	3.75				
135	2.89	2.99	2.92	3.00	3.01	3.14	3.17	3.20	3.37	3.28	3.44	3.33	3.45	3.35	3.46				
140	2.89	2.89	2.94	2.95	3.01	3.01	3.16	3.14	3.22	3.16	3.25	3.18	3.21	3.08	3.20				
145	2.90	2.85	2.94	2.85	3.01	2.93	3.04	2.99	3.10	3.01	3.11	3.00	3.08	2.90	3.02				
150	2.89	2.79	2.89	2.81	2.92	2.83	2.96	2.84	2.99	2.87	3.00	2.87	2.96	2.83	2.89				
155	2.83	2.72	2.84	2.73	2.86	2.76	2.88	2.78	2.90	2.82	2.89	2.77	2.89	2.72	2.83				
160	2.80	2.71	2.81	2.70	2.81	2.70	2.81	2.73	2.80	2.70	2.80	2.71	2.80	2.69	2.78				
165	2.79	2.67	2.75	2.69	2.77	2.69	2.74	2.72	2.77	2.68	2.77	2.69	2.73	2.68	2.75				
170	2.75	2.65	2.74	2.65	2.73	2.66	2.73	2.65	2.71	2.62	2.71	2.65	2.70	2.67	2.74				
175	2.71	2.65	2.70	2.61	2.69	2.62	2.70	2.64	2.68	2.61	2.68	2.64	2.69	2.67	2.74				
180	2.63	2.61	2.63	2.60	2.62	2.61	2.63	2.62	2.63	2.61	2.63	2.63	2.66	2.67	2.72				

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-05

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: