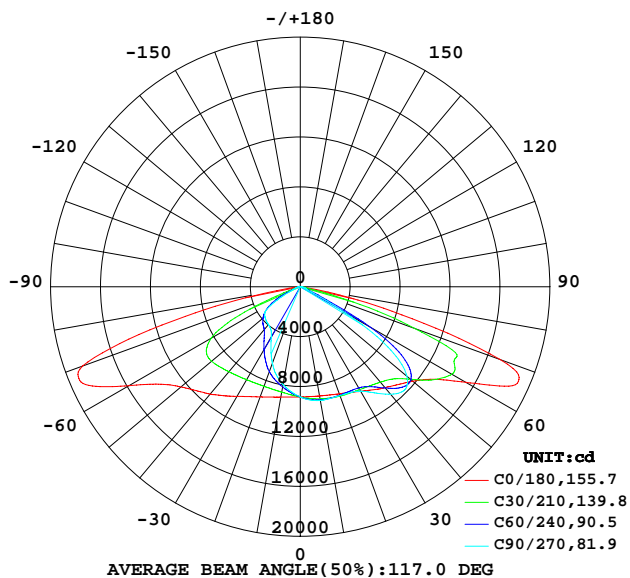
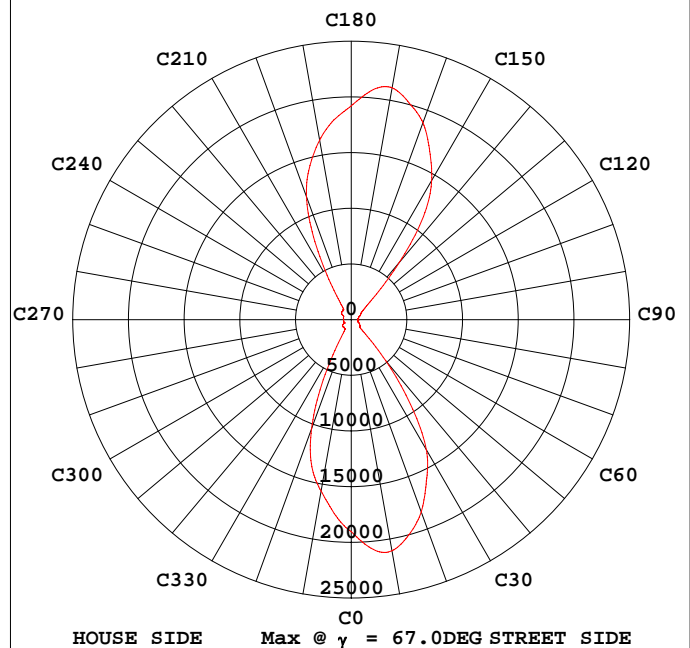


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.26V I:0.9062A P:195.27W PF:0.9739 Freq:50.00Hz Lamp Flux:37746.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154 200w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 193.30 lm/W			
MODEL	200W4000K	I _{max} (cd)	21145	η street_up(%)	0.1
NOMINAL POWER(W)	200	LOR(%)	100.0	η street_down(%)	60.7
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	37747	η house_up(%)	0.2
NOMINAL FLUX(lm)	37746.7	MAXIMUM @(C,γ)	170,67.0	η house_down(%)	39.0
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	22.099

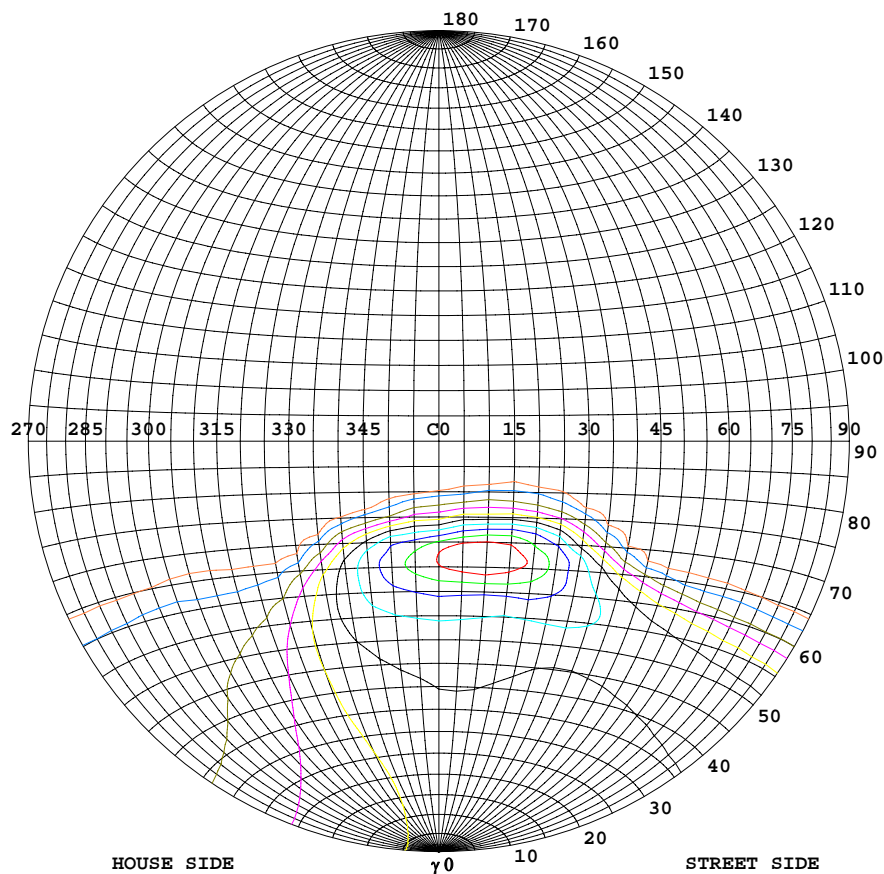
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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

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:221.26V I:0.9062A P:195.27W PF:0.9739 Freq:50.00Hz Lamp Flux:37746.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154 200w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



Classification:

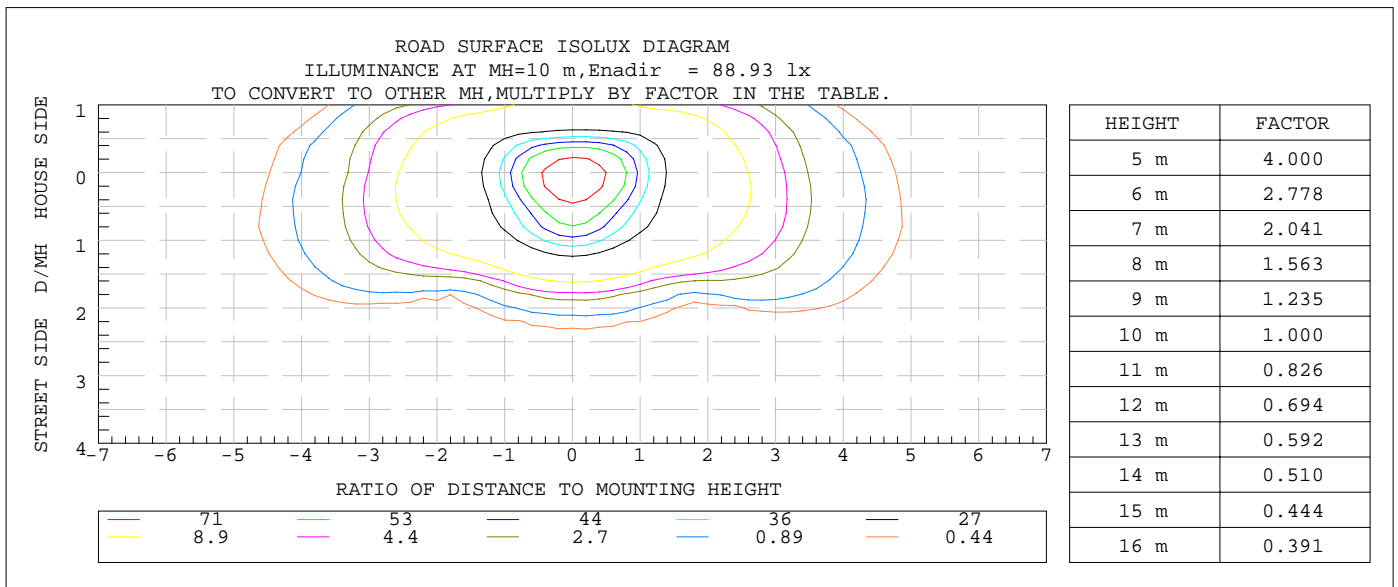
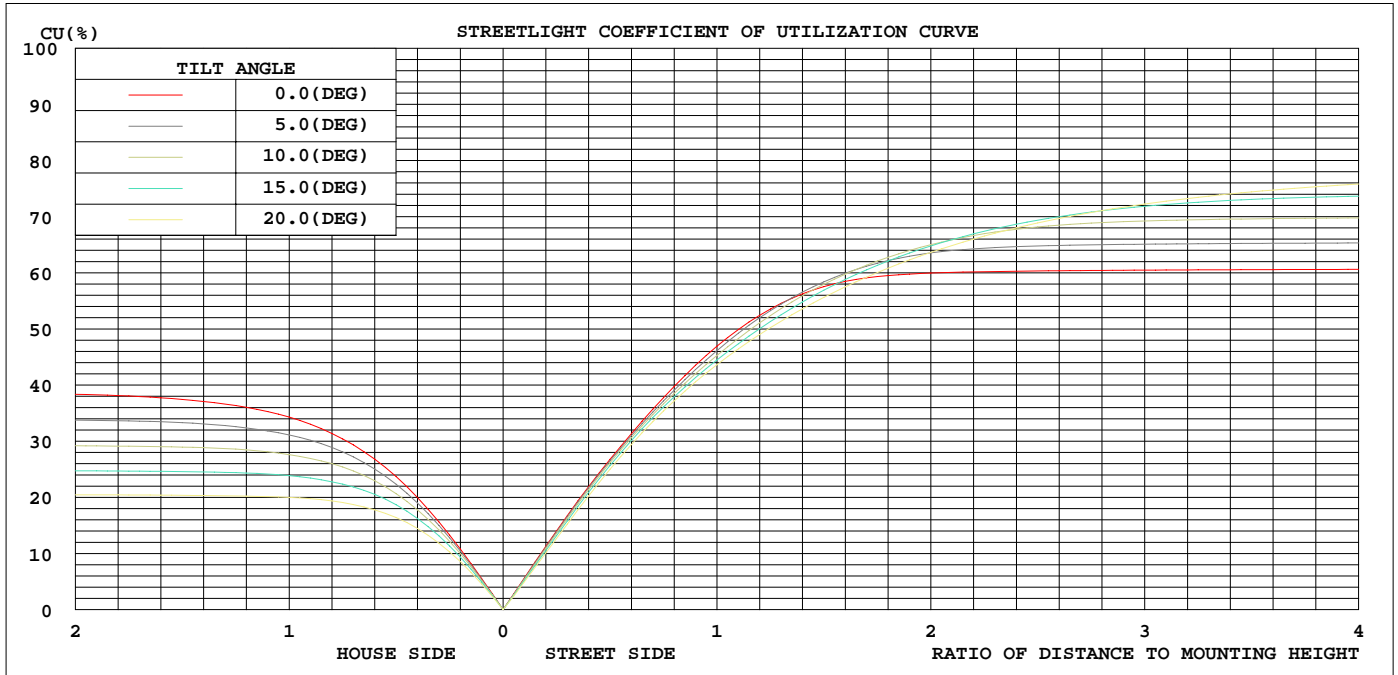
IES:Type II - Medium
 CIE:Narrow - Intermediate
 IES:Cut-off
 CIE:Semi-cut-off
 Max.At80:94.51cd/klm
 Max.At90:0.2289cd/klm
 Max.80-90:94.51cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
I _{max} =100%		21145
90%		19031
80%		16916
70%		14802
60%		12687
50%		10573
40%		8458
30%		6344
20%		4229
10%		2115
5%		1057

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:221.26V I:0.9062A P:195.27W PF:0.9739 Freq:50.00Hz Lamp Flux:37746.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154 200w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

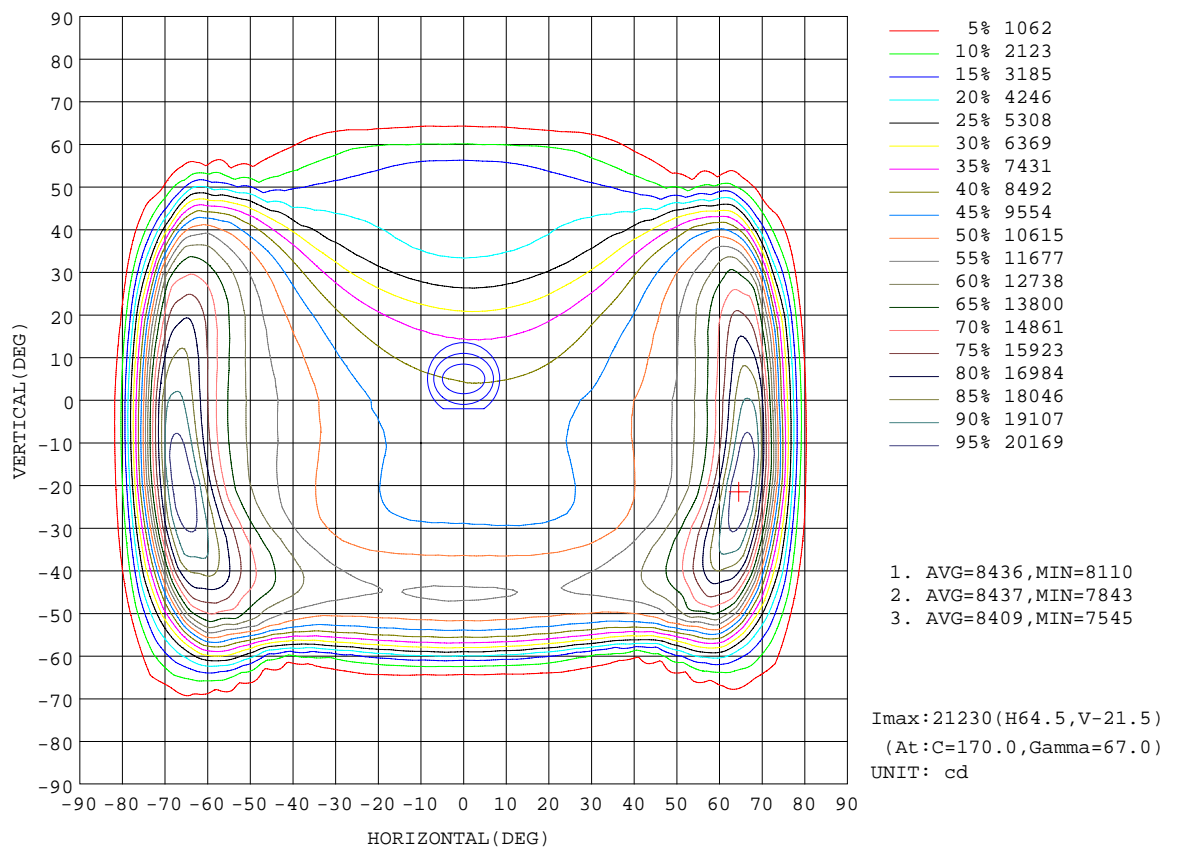
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	888.7	917.7	924.8	925.2	898.2	835.5	795.9	826.8	0- 10	840.0	840.0	2.23,2.23
20	913.1	927.5	928.6	945.0	939.7	786.6	653.5	764.9	10- 20	2457	3297	8.74,8.74
30	967.4	935.8	966.4	963.3	1015	721.8	466.0	693.2	20- 30	3918	7215	19.1,19.1
40	1056	996.6	1125	1028	1123	626.3	396.7	596.7	30- 40	5357	12573	33.3,33.3
50	1178	1181	1115	1212	1249	488.2	371.4	473.6	40- 50	7009	19581	51.9,51.9
60	1533	1017	416.5	1085	1585	295.4	215.9	276.4	50- 60	8087	27668	73.3,73.3
70	1700	75.40	49.67	82.74	1854	66.97	52.42	59.90	60- 70	6929	34598	91.7,91.7
80	129.3	21.76	20.31	25.37	239.9	19.34	20.50	16.71	70- 80	2871	37469	99.3,99.3
90	0.4132	0.0826	0.0820	0.1654	0.8345	0.1326	0.0797	0.1157	80- 90	170.2	37639	99.7,99.7
100	1.855	0.1517	0.1205	0.1528	2.139	0.6612	0.1694	0.6704	90-100	4.908	37644	99.7,99.7
110	3.099	0.4978	0.3209	0.4668	3.347	1.827	0.8085	1.724	100-110	12.19	37656	99.8,99.8
120	3.471	1.032	0.6695	1.046	3.485	2.610	1.966	2.694	110-120	18.46	37674	99.8,99.8
130	3.101	1.491	0.9807	1.481	2.895	2.750	2.911	3.097	120-130	20.28	37695	99.9,99.9
140	2.673	1.772	1.196	1.688	2.464	2.636	2.938	2.868	130-140	17.88	37713	99.9,99.9
150	2.499	1.972	1.511	1.878	2.321	2.540	2.721	2.686	140-150	14.24	37727	99.9,99.9
160	2.468	2.151	1.886	2.080	2.359	2.511	2.683	2.620	150-160	10.67	37737	100,100
170	2.546	2.365	2.268	2.339	2.509	2.560	2.671	2.617	160-170	6.828	37744	100,100
180	2.649	2.550	2.583	2.579	2.649	2.550	2.585	2.589	170-180	2.408	37747	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

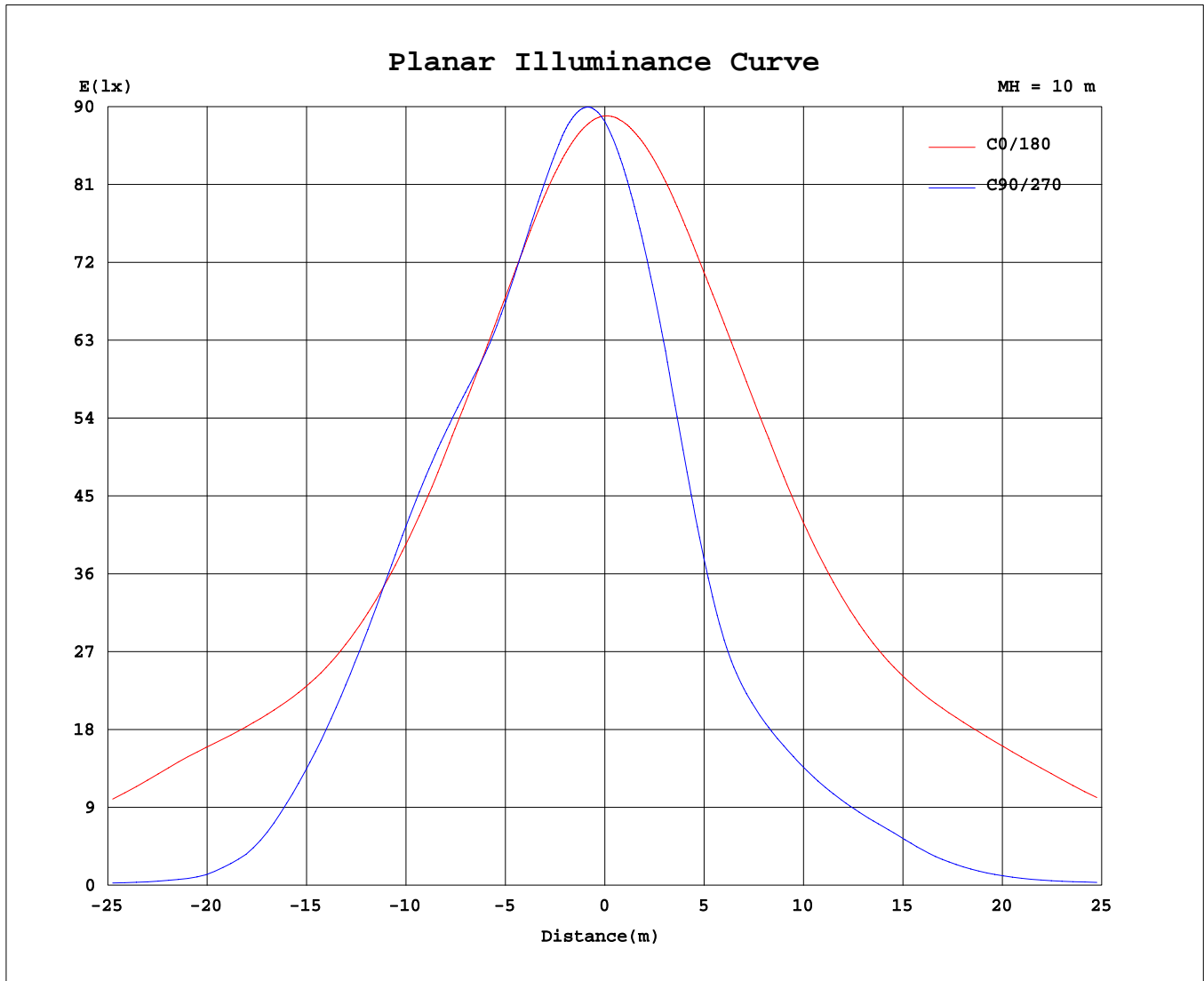
Test:U:221.26V I:0.9062A P:195.27W PF:0.9739 Freq:50.00Hz Lamp Flux:37746.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154 200w 4000K No glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



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

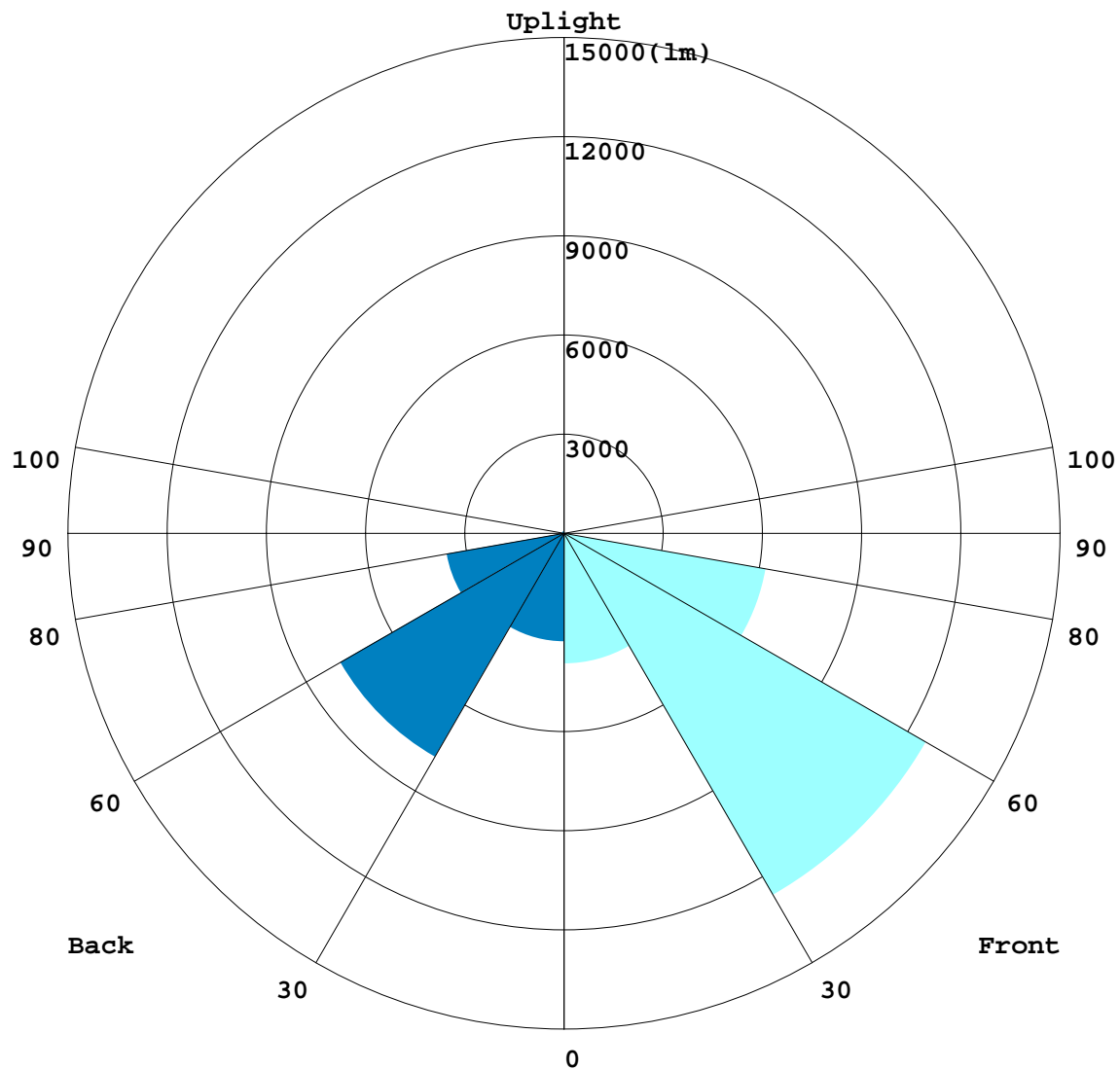


C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.0°C
 Operators: yangbin
 Test Date: 2023-12-01

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:221.26V I:0.9062A P:195.27W PF:0.9739 Freq:50.00Hz Lamp Flux:37746.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154 200w 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:221.26V I:0.9062A P:195.27W PF:0.9739 Freq:50.00Hz Lamp Flux:37746.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154 200w 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)	3943.3	10.4
FM - Front-Medium(30-60)	12642	33.5
FH - Front-High(60-80)	6198.7	16.4
FVH - Front-Very High(80-90)	116.75	0.3
Total Forward Light	22942	60.8

BL - Back-Low(0-30)	3272.1	8.7
BM - Back-Medium(30-60)	7811	20.7
BH - Back-High(60-80)	3601.7	9.5
BVH - Back-Very High(80-90)	53.44	0.1
Total Back Light	14805	39.2

UL - Uplight-Low(90-100)	4.9078	0.0
UH - Uplight-High(100-180)	102.95	0.3
Total Up Light	107.85	0.3

BUG(Back,Up,Glare) Rating	B4-U3-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	14738	66.836	14805
Street Side	22901	41.019	22942

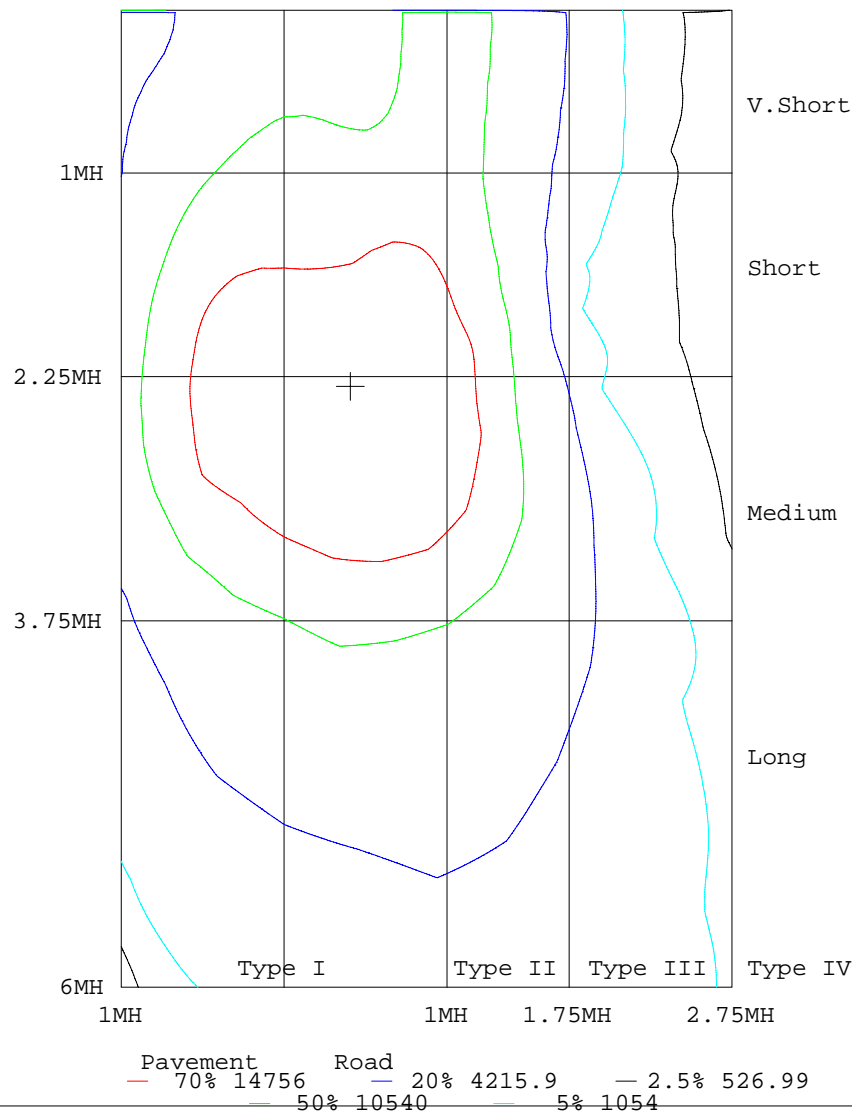
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-12-01

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:221.26V I:0.9062A P:195.27W PF:0.9739 Freq:50.00Hz Lamp Flux:37746.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154 200w 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:221.26V I:0.9062A P:195.27W PF:0.9739 Freq:50.00Hz Lamp Flux:37746.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154 200w 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	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884
5	884	886	889	892	894	896	898	901	902	904	905	907	907	909	909	910	910	911	911
10	889	893	899	902	906	909	912	914	916	918	919	921	921	922	923	924	924	925	925
15	898	905	911	915	919	921	923	924	925	926	925	926	925	926	925	926	926	927	927
20	913	920	927	930	933	933	933	931	929	928	926	926	924	925	925	926	926	928	929
25	935	942	948	949	948	945	941	937	933	930	928	927	926	927	928	931	933	935	937
30	967	973	976	973	967	959	952	945	939	936	934	935	937	941	947	954	960	964	966
35	1009	1013	1013	1004	993	981	970	960	953	951	955	964	977	991	1006	1018	1029	1034	1038
40	1056	1058	1055	1044	1030	1014	999	987	986	997	1018	1038	1059	1076	1094	1106	1117	1122	1125
45	1109	1109	1102	1087	1072	1055	1046	1048	1069	1089	1114	1129	1142	1151	1159	1167	1171	1174	1175
50	1178	1175	1163	1145	1135	1134	1153	1168	1180	1181	1178	1171	1157	1146	1132	1128	1118	1120	1115
55	1293	1282	1269	1252	1274	1300	1300	1273	1238	1188	1129	1081	1026	992	948	932	903	901	887
60	1533	1523	1517	1532	1544	1483	1402	1284	1142	1017	873	759	653	585	507	474	433	430	417
65	1877	1983	2056	1954	1832	1614	1368	1146	762	483	258	168	157	141	119	105	92.3	92.3	89.8
70	1700	1859	1905	1856	1655	1436	972	525	141	75.4	64.3	59.8	52.6	48.4	46.9	47.4	48.6	49.7	49.7
75	762	941	958	975	872	644	298	82.8	55.8	47.9	40.0	35.1	32.9	30.7	30.1	32.3	33.4	34.7	34.5
80	129	168	237	235	190	113	42.9	34.8	27.1	21.8	19.2	18.9	19.6	20.2	19.5	21.6	21.3	21.3	20.3
85	8.18	10.5	17.7	22.3	21.3	19.7	14.1	10.9	7.80	7.14	7.99	8.40	8.06	8.14	7.10	7.66	7.20	5.60	4.38
90	0.41	0.32	0.27	0.19	0.14	0.11	0.13	0.09	0.11	0.08	0.09	0.08	0.09	0.08	0.08	0.08	0.08	0.08	0.08
95	1.01	0.86	0.72	0.54	0.41	0.26	0.17	0.12	0.10	0.10	0.10	0.10	0.09	0.09	0.08	0.09	0.09	0.09	0.09
100	1.86	1.63	1.39	1.10	0.85	0.59	0.42	0.26	0.18	0.15	0.14	0.14	0.13	0.13	0.12	0.13	0.12	0.13	0.12
105	2.62	2.38	2.08	1.71	1.37	1.02	0.76	0.53	0.39	0.28	0.24	0.23	0.22	0.21	0.21	0.20	0.20	0.20	0.19
110	3.10	2.86	2.56	2.17	1.82	1.44	1.14	0.86	0.66	0.50	0.41	0.37	0.35	0.34	0.34	0.33	0.33	0.32	0.32
115	3.39	3.18	2.91	2.54	2.19	1.81	1.51	1.20	0.97	0.76	0.64	0.56	0.53	0.51	0.50	0.49	0.49	0.49	0.49
120	3.47	3.31	3.09	2.80	2.49	2.14	1.83	1.51	1.26	1.03	0.88	0.77	0.72	0.69	0.68	0.67	0.67	0.67	0.67
125	3.34	3.23	3.08	2.86	2.61	2.34	2.05	1.76	1.51	1.28	1.12	1.00	0.92	0.88	0.87	0.85	0.85	0.84	0.84
130	3.10	3.02	2.92	2.76	2.59	2.37	2.14	1.91	1.69	1.49	1.32	1.19	1.11	1.05	1.02	1.00	0.99	0.98	0.98
135	2.85	2.80	2.73	2.63	2.51	2.34	2.17	2.00	1.82	1.65	1.49	1.36	1.26	1.19	1.14	1.11	1.09	1.09	1.08
140	2.67	2.63	2.60	2.53	2.45	2.32	2.19	2.06	1.91	1.77	1.63	1.52	1.41	1.34	1.28	1.24	1.21	1.20	1.20
145	2.56	2.52	2.51	2.47	2.42	2.33	2.22	2.11	1.99	1.88	1.76	1.66	1.56	1.48	1.42	1.38	1.35	1.34	1.33
150	2.50	2.47	2.48	2.45	2.41	2.34	2.25	2.16	2.06	1.97	1.87	1.79	1.70	1.64	1.59	1.55	1.52	1.51	1.51
155	2.47	2.47	2.48	2.45	2.42	2.36	2.28	2.22	2.14	2.06	1.98	1.92	1.85	1.80	1.76	1.73	1.71	1.70	1.70
160	2.47	2.48	2.48	2.48	2.43	2.39	2.33	2.28	2.21	2.15	2.09	2.05	2.00	1.97	1.94	1.92	1.90	1.90	1.89
165	2.48	2.51	2.52	2.50	2.45	2.43	2.38	2.34	2.29	2.26	2.22	2.19	2.16	2.14	2.12	2.11	2.09	2.09	2.08
170	2.55	2.58	2.57	2.54	2.50	2.47	2.43	2.42	2.38	2.37	2.34	2.33	2.31	2.31	2.29	2.29	2.27	2.28	2.27
175	2.62	2.63	2.59	2.57	2.53	2.51	2.49	2.49	2.47	2.47	2.45	2.46	2.44	2.44	2.43	2.44	2.43	2.45	2.43
180	2.65	2.64	2.59	2.57	2.55	2.56	2.55	2.56	2.55	2.55	2.54	2.55	2.54	2.55	2.56	2.57	2.57	2.58	2.58

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:221.26V I:0.9062A P:195.27W PF:0.9739 Freq:50.00Hz Lamp Flux:37746.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154 200w 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	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884
5	911	911	911	911	911	910	909	908	907	906	904	902	901	898	896	894	891	888	885
10	926	926	927	926	927	926	927	926	925	924	923	921	919	916	913	909	904	898	893
15	929	929	931	931	933	934	936	937	938	939	939	939	938	936	933	929	924	916	908
20	931	931	933	933	935	936	939	941	945	948	952	955	957	958	957	955	949	940	930
25	939	938	940	939	940	940	944	946	952	957	964	970	977	982	985	985	981	971	961
30	967	965	962	959	956	954	955	958	963	971	980	991	1002	1014	1022	1027	1025	1015	1004
35	1037	1034	1026	1017	1005	995	986	982	983	990	1003	1019	1035	1051	1064	1074	1075	1066	1055
40	1124	1121	1113	1103	1088	1072	1054	1039	1028	1027	1038	1056	1076	1096	1112	1127	1131	1123	1111
45	1178	1176	1173	1166	1159	1151	1140	1130	1116	1109	1104	1112	1126	1146	1163	1179	1185	1178	1168
50	1122	1123	1135	1141	1158	1169	1185	1198	1212	1223	1223	1218	1208	1215	1228	1246	1255	1249	1240
55	903	909	943	965	1013	1051	1107	1162	1235	1298	1343	1376	1375	1353	1340	1357	1368	1362	1361
60	441	452	501	541	619	704	822	934	1085	1231	1378	1490	1569	1625	1609	1598	1601	1585	1565
65	94.0	96.6	115	140	160	184	210	337	604	942	1266	1467	1702	1863	1964	2037	1973	1870	1786
70	49.4	48.2	46.8	46.6	48.7	53.2	62.6	67.0	82.7	240	716	1151	1535	1728	1945	2004	1982	1854	1675
75	34.9	34.0	33.0	31.2	31.9	34.1	37.7	42.7	51.3	62.7	151	462	833	1086	1205	1216	1199	1050	948
80	21.5	21.8	22.6	20.6	21.1	21.0	21.1	21.6	25.4	33.0	45.8	60.4	146	272	341	357	287	240	166
85	5.43	7.56	8.69	8.37	9.58	10.1	10.9	10.6	10.3	11.6	16.8	22.6	28.8	30.8	31.6	26.9	16.1	13.7	12.9
90	0.08	0.09	0.10	0.11	0.14	0.12	0.14	0.14	0.17	0.18	0.21	0.22	0.29	0.33	0.42	0.46	0.52	0.83	0.86
95	0.09	0.09	0.09	0.09	0.10	0.10	0.11	0.11	0.12	0.12	0.12	0.16	0.23	0.38	0.50	0.65	0.76	1.28	1.43
100	0.13	0.12	0.13	0.12	0.13	0.13	0.14	0.14	0.15	0.16	0.23	0.40	0.60	0.86	1.09	1.36	1.56	2.14	2.31
105	0.20	0.20	0.20	0.21	0.22	0.22	0.23	0.23	0.25	0.34	0.52	0.81	1.12	1.48	1.81	2.15	2.40	2.90	3.07
110	0.32	0.32	0.33	0.34	0.34	0.35	0.37	0.40	0.47	0.65	0.90	1.27	1.63	2.03	2.35	2.71	2.96	3.35	3.49
115	0.48	0.49	0.49	0.50	0.51	0.52	0.55	0.62	0.75	1.00	1.31	1.68	2.01	2.34	2.66	2.95	3.18	3.53	3.63
120	0.67	0.67	0.67	0.68	0.69	0.71	0.75	0.87	1.05	1.32	1.62	1.91	2.18	2.43	2.68	2.95	3.14	3.49	3.55
125	0.84	0.84	0.84	0.85	0.87	0.91	0.98	1.12	1.31	1.53	1.75	1.95	2.14	2.35	2.58	2.83	3.02	3.24	3.26
130	0.98	0.97	0.98	0.99	1.03	1.09	1.18	1.32	1.48	1.63	1.79	1.94	2.11	2.32	2.52	2.73	2.87	2.89	2.91
135	1.09	1.08	1.09	1.12	1.17	1.25	1.35	1.47	1.59	1.70	1.84	1.97	2.14	2.31	2.47	2.62	2.72	2.62	2.64
140	1.20	1.20	1.22	1.26	1.32	1.40	1.50	1.59	1.69	1.78	1.90	2.01	2.16	2.29	2.41	2.52	2.59	2.46	2.48
145	1.34	1.34	1.37	1.41	1.47	1.53	1.62	1.70	1.79	1.87	1.96	2.06	2.17	2.27	2.35	2.44	2.49	2.37	2.38
150	1.52	1.52	1.54	1.57	1.62	1.66	1.73	1.80	1.88	1.95	2.03	2.10	2.19	2.26	2.33	2.40	2.44	2.32	2.34
155	1.70	1.70	1.71	1.73	1.76	1.80	1.85	1.90	1.97	2.03	2.10	2.15	2.22	2.27	2.33	2.38	2.42	2.33	2.33
160	1.89	1.88	1.89	1.90	1.92	1.95	1.99	2.03	2.08	2.12	2.17	2.21	2.26	2.30	2.35	2.38	2.42	2.36	2.34
165	2.08	2.07	2.08	2.08	2.10	2.12	2.15	2.17	2.21	2.23	2.27	2.29	2.33	2.35	2.38	2.41	2.45	2.42	2.40
170	2.27	2.26	2.26	2.26	2.28	2.28	2.30	2.31	2.34	2.35	2.38	2.39	2.41	2.42	2.45	2.46	2.50	2.51	2.47
175	2.44	2.42	2.43	2.42	2.43	2.43	2.45	2.45	2.47	2.47	2.49	2.49	2.51	2.51	2.53	2.54	2.58	2.62	2.56
180	2.59	2.57	2.58	2.56	2.57	2.57	2.58	2.58	2.58	2.59	2.59	2.59	2.59	2.59	2.59	2.59	2.61	2.64	2.63

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:221.26V I:0.9062A P:195.27W PF:0.9739 Freq:50.00Hz Lamp Flux:37746.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154 200w 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	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884
5	882	879	875	872	869	866	863	860	857	854	852	850	848	847	846	845	844	844	845
10	886	880	873	865	858	850	843	836	829	822	816	810	806	802	799	796	796	795	797
15	898	888	876	864	851	838	825	811	799	786	775	763	755	746	741	736	735	734	738
20	918	904	887	869	849	829	808	787	766	744	725	705	688	675	664	657	654	654	658
25	945	927	905	880	852	823	792	758	725	691	658	630	605	585	571	561	557	558	565
30	984	962	932	900	860	818	771	722	670	624	582	546	516	494	478	469	466	468	475
35	1033	1007	970	928	873	812	745	677	612	554	506	469	444	429	419	416	414	416	420
40	1088	1058	1015	961	890	806	716	626	548	488	450	428	413	405	399	398	397	399	399
45	1144	1114	1065	1000	909	799	673	564	486	448	423	408	396	392	388	388	386	388	387
50	1220	1189	1131	1047	929	774	606	488	439	409	390	379	373	372	371	373	371	372	370
55	1339	1295	1208	1087	918	696	485	412	375	351	340	336	336	338	340	341	341	340	338
60	1507	1414	1266	1071	824	507	347	295	273	260	261	260	254	234	225	215	216	213	221
65	1655	1459	1240	932	534	219	169	152	151	151	145	123	109	101	98.4	93.2	93.3	92.0	95.8
70	1531	1296	931	424	118	71.0	71.8	67.0	71.9	62.4	51.9	48.0	45.7	46.7	50.2	51.7	52.4	51.4	49.6
75	743	422	201	49.1	40.0	39.9	39.6	36.1	35.6	33.2	31.2	29.7	30.1	30.8	32.2	32.3	32.5	32.3	31.7
80	72.3	30.4	25.6	21.3	20.1	20.1	18.2	19.3	20.8	20.3	20.1	20.6	21.5	21.8	22.1	20.7	20.5	20.7	21.8
85	12.0	9.67	8.61	7.11	6.93	7.04	7.00	7.16	7.80	8.42	9.49	9.26	9.59	9.05	8.80	7.95	7.86	7.54	7.93
90	0.85	0.81	0.72	0.60	0.45	0.31	0.20	0.13	0.12	0.10	0.09	0.10	0.08	0.09	0.08	0.09	0.08	0.08	0.08
95	1.44	1.43	1.29	1.15	0.90	0.68	0.42	0.25	0.15	0.12	0.12	0.11	0.11	0.10	0.11	0.10	0.10	0.10	0.10
100	2.34	2.32	2.15	1.94	1.62	1.30	0.95	0.66	0.41	0.29	0.23	0.21	0.19	0.18	0.18	0.17	0.17	0.17	0.17
105	3.09	3.02	2.83	2.61	2.28	1.95	1.58	1.24	0.93	0.73	0.57	0.52	0.45	0.44	0.40	0.41	0.39	0.41	0.40
110	3.49	3.41	3.21	2.99	2.71	2.44	2.11	1.83	1.53	1.30	1.12	1.01	0.92	0.89	0.84	0.84	0.81	0.83	0.83
115	3.61	3.53	3.37	3.19	2.98	2.77	2.53	2.30	2.04	1.86	1.68	1.58	1.49	1.44	1.39	1.38	1.37	1.38	1.38
120	3.54	3.47	3.34	3.20	3.04	2.91	2.76	2.61	2.44	2.32	2.18	2.13	2.06	2.02	1.99	1.99	1.97	1.97	1.97
125	3.24	3.19	3.12	3.03	2.93	2.86	2.79	2.74	2.70	2.66	2.61	2.60	2.56	2.56	2.53	2.55	2.53	2.54	2.51
130	2.91	2.88	2.86	2.83	2.79	2.77	2.74	2.75	2.75	2.77	2.79	2.82	2.84	2.86	2.88	2.91	2.91	2.92	2.90
135	2.65	2.66	2.66	2.66	2.66	2.67	2.67	2.70	2.72	2.76	2.79	2.84	2.87	2.92	2.96	3.00	3.01	3.01	3.00
140	2.48	2.50	2.52	2.54	2.55	2.59	2.60	2.64	2.65	2.69	2.71	2.76	2.80	2.85	2.89	2.93	2.94	2.95	2.93
145	2.38	2.41	2.42	2.45	2.47	2.52	2.54	2.58	2.60	2.63	2.64	2.69	2.71	2.76	2.78	2.81	2.81	2.81	2.79
150	2.34	2.36	2.38	2.41	2.43	2.47	2.49	2.54	2.55	2.59	2.61	2.65	2.66	2.69	2.71	2.73	2.72	2.73	2.70
155	2.34	2.36	2.37	2.40	2.43	2.46	2.48	2.51	2.54	2.57	2.59	2.62	2.63	2.67	2.68	2.71	2.69	2.69	2.67
160	2.36	2.36	2.39	2.41	2.44	2.46	2.49	2.51	2.54	2.56	2.59	2.62	2.63	2.66	2.66	2.69	2.68	2.69	2.66
165	2.41	2.41	2.43	2.45	2.47	2.48	2.51	2.54	2.56	2.57	2.60	2.62	2.63	2.65	2.66	2.69	2.67	2.69	2.66
170	2.47	2.47	2.49	2.50	2.52	2.53	2.55	2.56	2.57	2.59	2.60	2.62	2.63	2.65	2.65	2.68	2.67	2.68	2.66
175	2.55	2.54	2.55	2.54	2.55	2.55	2.55	2.57	2.56	2.59	2.58	2.61	2.60	2.62	2.62	2.65	2.64	2.66	2.64
180	2.59	2.56	2.56	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.56	2.56	2.57	2.57	2.59	2.58	2.59	2.58

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:221.26V I:0.9062A P:195.27W PF:0.9739 Freq:50.00Hz Lamp Flux:37746.7x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 5.8		
SPEC.: AL6740154 200w 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	884	884	884	884	884	884	884	884	884	884	884	884	884	884	884				
5	845	847	848	850	851	854	856	859	862	865	868	871	874	877	881				
10	798	802	805	810	815	821	827	834	841	848	855	862	869	876	882				
15	741	748	754	764	774	785	796	809	821	834	846	857	869	879	889				
20	667	677	692	710	726	746	765	785	805	823	842	858	875	889	902				
25	577	594	615	640	669	702	732	763	793	820	846	868	890	907	923				
30	489	508	533	565	604	646	693	740	783	823	858	888	915	936	954				
35	428	440	461	492	536	589	650	714	776	832	880	918	951	975	995				
40	405	411	423	440	472	525	597	678	762	839	905	956	996	1022	1043				
45	391	395	406	418	439	472	538	635	747	849	935	998	1046	1075	1097				
50	371	372	379	388	406	431	474	570	715	859	974	1057	1117	1146	1166				
55	336	334	334	338	347	368	400	459	625	830	1000	1127	1218	1264	1289				
60	228	246	253	255	251	261	276	321	418	709	969	1171	1333	1435	1494				
65	96.6	102	112	133	138	136	133	143	166	362	775	1145	1383	1598	1760				
70	45.8	43.5	45.5	48.9	56.2	64.4	59.9	64.1	61.6	74.4	259	729	1118	1434	1539				
75	30.1	29.5	28.6	29.4	31.1	32.8	33.6	36.2	35.1	34.6	38.3	121	271	456	716				
80	21.2	20.5	19.2	18.5	18.1	18.1	16.7	15.9	16.0	15.9	17.2	22.3	25.7	30.9	62.1				
85	7.63	7.84	7.24	7.04	5.82	5.35	4.55	4.33	4.10	4.30	4.17	5.08	5.64	7.48	8.43				
90	0.09	0.08	0.09	0.08	0.09	0.09	0.12	0.18	0.29	0.40	0.56	0.67	0.77	0.80	0.81				
95	0.10	0.11	0.11	0.12	0.13	0.18	0.29	0.44	0.67	0.89	1.15	1.35	1.56	1.63	1.68				
100	0.18	0.19	0.22	0.24	0.33	0.45	0.67	0.90	1.20	1.52	1.86	2.15	2.43	2.57	2.66				
105	0.44	0.46	0.52	0.58	0.74	0.91	1.18	1.44	1.77	2.10	2.48	2.83	3.17	3.37	3.46				
110	0.88	0.91	1.00	1.10	1.27	1.47	1.72	1.97	2.29	2.60	2.99	3.33	3.66	3.84	3.91				
115	1.42	1.46	1.55	1.66	1.82	1.99	2.24	2.46	2.78	3.07	3.41	3.67	3.88	3.99	4.02				
120	2.00	2.03	2.11	2.19	2.34	2.47	2.69	2.90	3.16	3.39	3.58	3.73	3.83	3.86	3.85				
125	2.55	2.56	2.63	2.67	2.78	2.88	3.01	3.14	3.26	3.36	3.45	3.51	3.53	3.53	3.49				
130	2.91	2.92	2.95	2.97	3.01	3.04	3.10	3.12	3.15	3.17	3.18	3.19	3.18	3.17	3.15				
135	3.00	3.00	3.00	3.00	3.01	3.00	3.01	2.99	2.97	2.95	2.95	2.92	2.91	2.89	2.88				
140	2.93	2.91	2.91	2.90	2.90	2.87	2.87	2.84	2.83	2.80	2.80	2.77	2.76	2.72	2.71				
145	2.78	2.77	2.78	2.77	2.78	2.76	2.76	2.73	2.74	2.71	2.71	2.69	2.67	2.62	2.59				
150	2.69	2.67	2.68	2.66	2.68	2.67	2.69	2.67	2.67	2.66	2.66	2.64	2.63	2.58	2.54				
155	2.66	2.65	2.65	2.63	2.64	2.62	2.64	2.63	2.64	2.62	2.63	2.61	2.61	2.58	2.52				
160	2.66	2.65	2.64	2.63	2.63	2.62	2.62	2.61	2.62	2.60	2.61	2.60	2.60	2.58	2.54				
165	2.66	2.65	2.64	2.63	2.63	2.62	2.62	2.61	2.61	2.60	2.61	2.60	2.59	2.59	2.56				
170	2.66	2.64	2.64	2.64	2.63	2.62	2.62	2.61	2.61	2.60	2.61	2.60	2.60	2.61	2.59				
175	2.65	2.62	2.64	2.62	2.63	2.62	2.62	2.61	2.61	2.60	2.61	2.60	2.61	2.62	2.63				
180	2.58	2.57	2.58	2.57	2.58	2.58	2.59	2.59	2.59	2.59	2.59	2.59	2.60	2.61	2.64				

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: