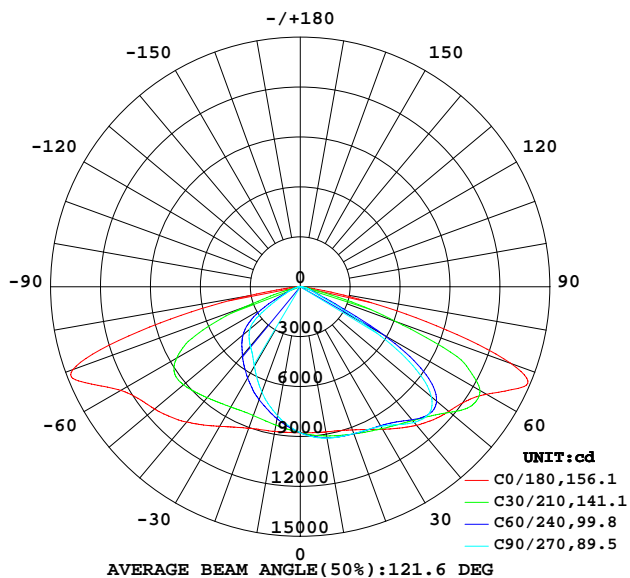
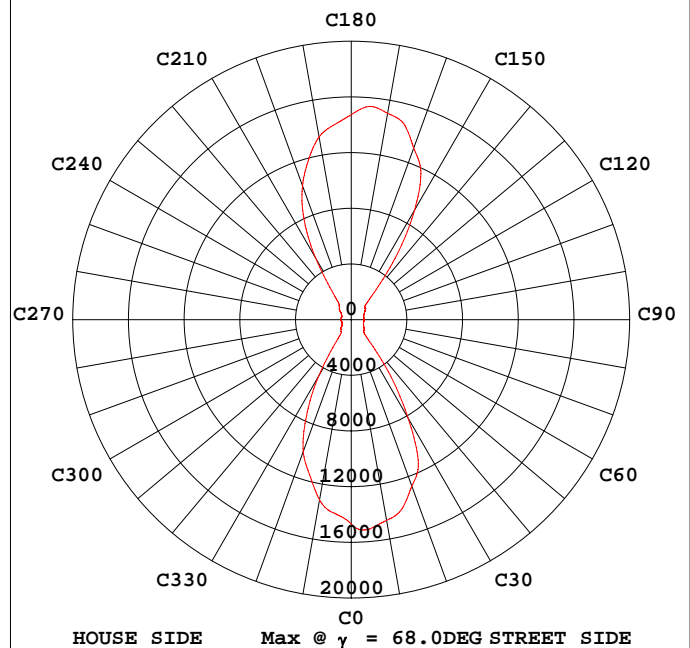


## STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.79V I:0.9150A P:195.99W PF:0.9745 Freq:50.00Hz Lamp Flux:36224.3x1 lm		
NAME: Slylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154G 200w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 184.83 lm/W			
MODEL	200W4000K	I <sub>max</sub> (cd)	15384	η street_up(%)	0.1
NOMINAL POWER(W)	200	LOR(%)	100.0	η street_down(%)	57.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	36224	η house_up(%)	0.2
NOMINAL FLUX(lm)	36224.3	MAXIMUM @(C,γ )	175,68.0	η house_down(%)	41.9
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	22.589

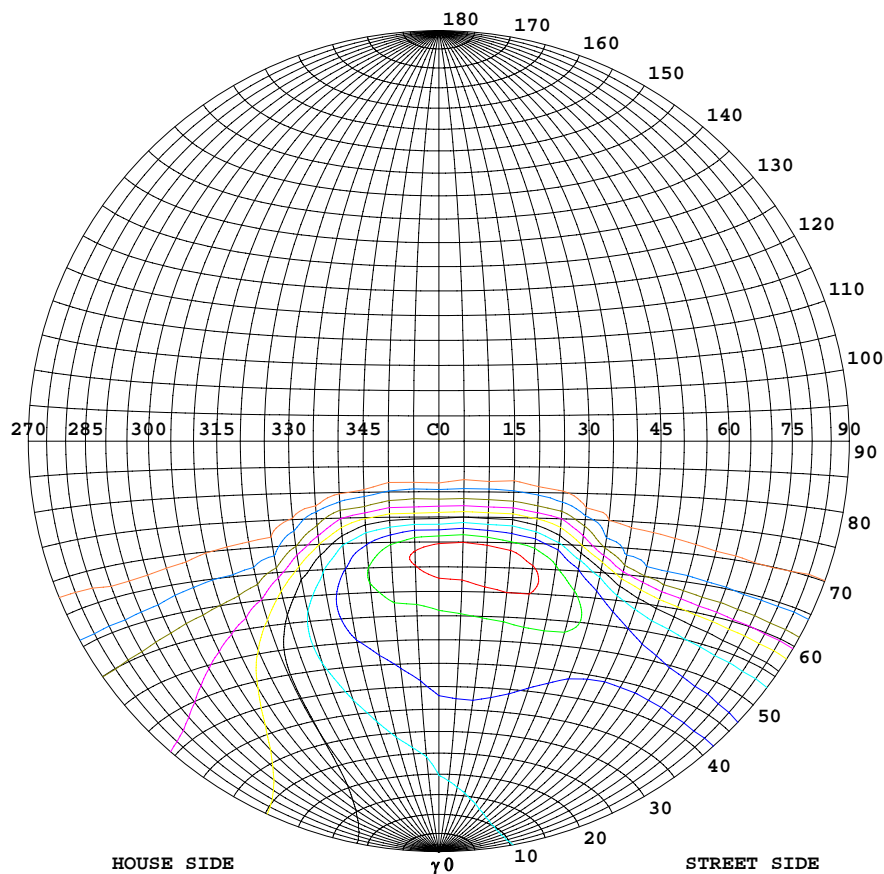
INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANSMAX INTENSITY CONE SURFACE  
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:zhaojicheng  
Test Date:2023-12-04

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:219.79V I:0.9150A P:195.99W PF:0.9745 Freq:50.00Hz Lamp Flux:36224.3x1 lm		
NAME: Slylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154G 200w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



## Classification:

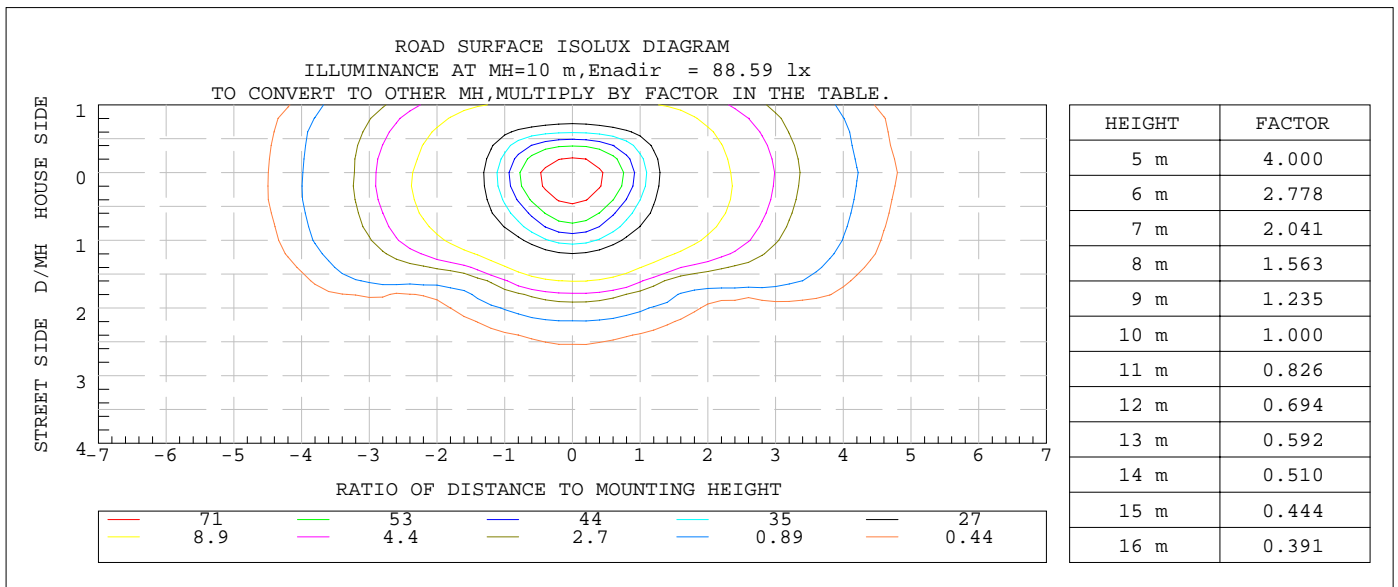
IES:Type II - Medium  
CIE:Narrow - Intermediate  
IES:Cut-off  
CIE:Semi-cut-off  
Max.At80:86.94cd/klm  
Max.At90:0.2796cd/klm  
Max.80-90:86.94cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
I <sub>max</sub> =100%		15384
— 90%		13846
— 80%		12307
— 70%		10769
— 60%		9230
— 50%		7692
— 40%		6154
— 30%		4615
— 20%		3077
— 10%		1538
— 5%		769

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:zhaojicheng  
Test Date:2023-12-04

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: 2023-12-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:219.79V I:0.9150A P:195.99W PF:0.9745 Freq:50.00Hz Lamp Flux:36224.3x1 lm		
NAME: Slylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154G 200w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

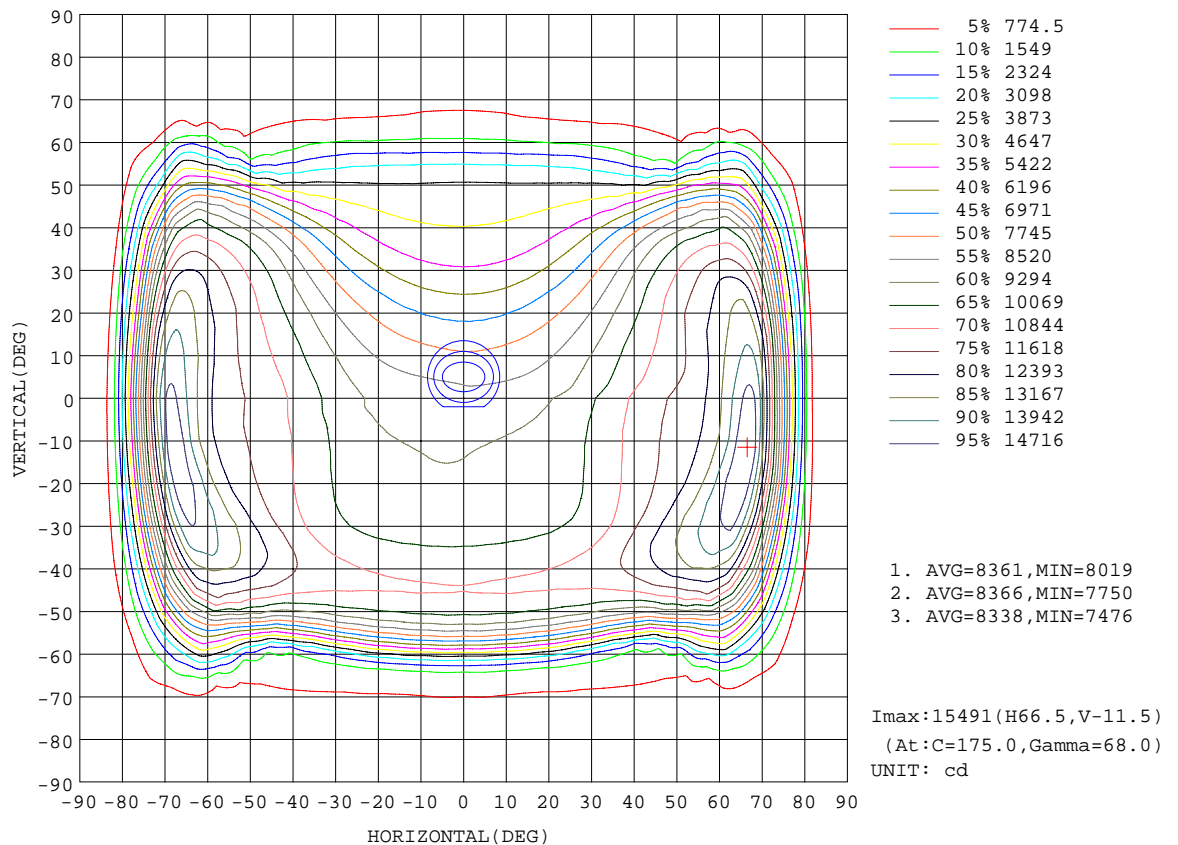
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	885.8	917.6	923.6	917.4	883.2	824.2	787.2	825.2	0- 10	834.1	834.1	2.3,2.3
20	915.7	941.5	939.3	940.8	904.9	770.9	674.0	775.9	10- 20	2447	3281	9.06,9.06
30	988.7	968.2	968.8	966.1	968.7	732.7	552.1	739.5	20- 30	3970	7251	20,20
40	1088	1025	1065	1019	1061	691.4	467.0	705.1	30- 40	5493	12743	35.2,35.2
50	1165	1124	1028	1124	1143	614.6	394.9	629.1	40- 50	7037	19780	54.6,54.6
60	1293	838.3	427.6	890.5	1246	375.8	173.9	360.2	50- 60	7664	27444	75.8,75.8
70	1344	105.1	77.85	113.9	1453	92.31	63.32	82.30	60- 70	5881	33325	92,92
80	187.8	27.36	22.65	32.18	315.0	21.21	17.74	18.31	70- 80	2608	35933	99.2,99.2
90	0.4079	0.0887	0.0908	0.2821	1.013	0.1372	0.0862	0.1411	80- 90	192.7	36126	99.7,99.7
100	1.496	0.1870	0.1228	0.1806	1.741	0.4809	0.2021	0.5012	90-100	4.219	36130	99.7,99.7
110	2.410	0.5859	0.2905	0.6096	2.749	1.455	0.7828	1.402	100-110	10.15	36141	99.8,99.8
120	2.758	1.120	0.6292	1.219	3.011	2.240	1.766	2.257	110-120	15.97	36156	99.8,99.8
130	2.610	1.554	1.005	1.571	2.711	2.535	2.571	2.715	120-130	18.35	36175	99.9,99.9
140	2.373	1.790	1.291	1.753	2.397	2.494	2.673	2.634	130-140	16.85	36192	99.9,99.9
150	2.283	1.939	1.587	1.907	2.252	2.410	2.541	2.505	140-150	13.68	36205	99.9,99.9
160	2.274	2.071	1.890	2.049	2.268	2.384	2.512	2.448	150-160	10.22	36216	100,100
170	2.367	2.249	2.179	2.232	2.379	2.419	2.498	2.445	160-170	6.486	36222	100,100
180	2.478	2.411	2.418	2.422	2.479	2.413	2.423	2.427	170-180	2.270	36224	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:zhaojicheng  
Test Date:2023-12-04

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

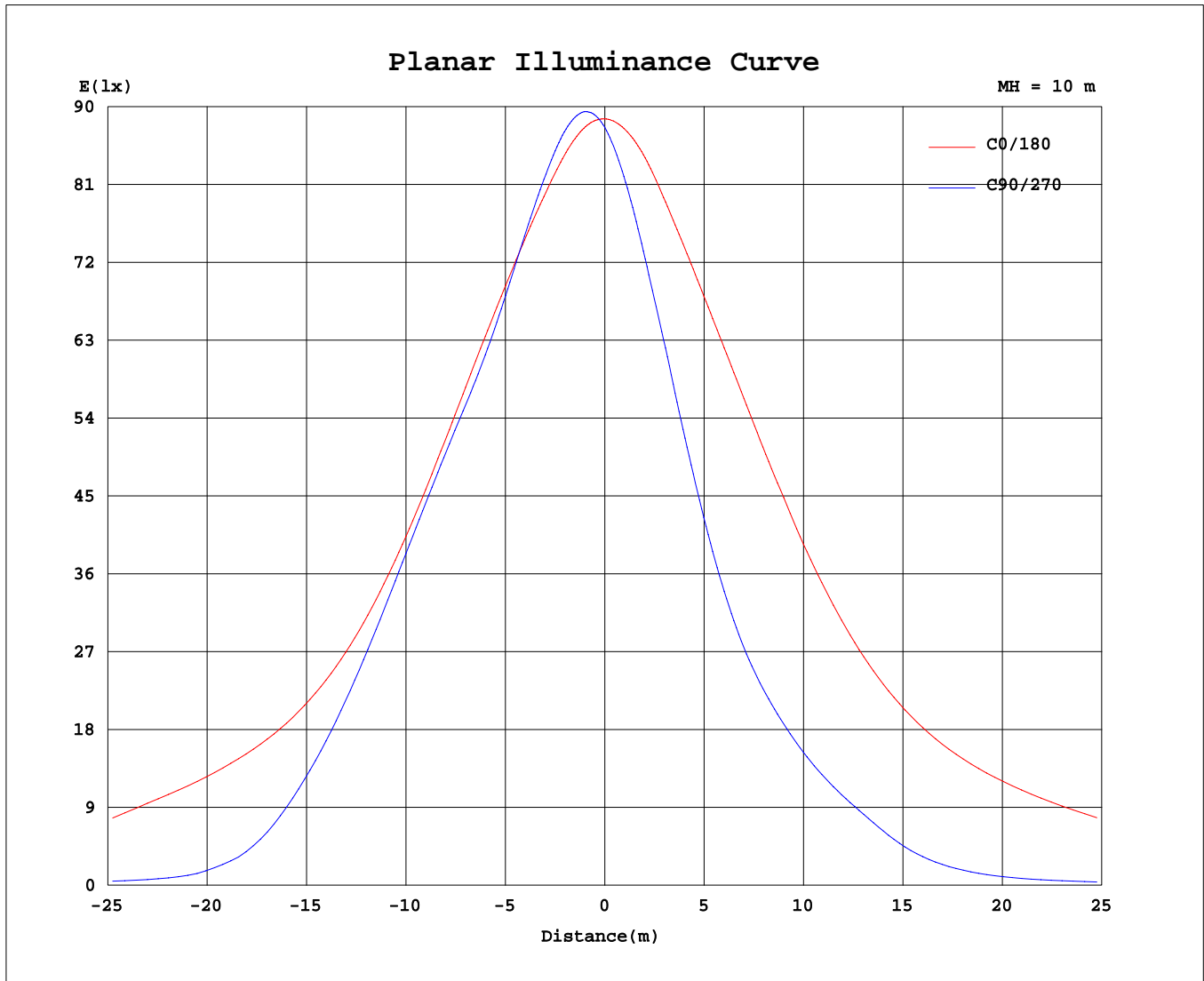
Test:U:219.79V I:0.9150A P:195.99W PF:0.9745 Freq:50.00Hz Lamp Flux:36224.3x1 lm		
NAME: Slylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154G 200w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0°C  
Operators:zhaojicheng  
Test Date:2023-12-04

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



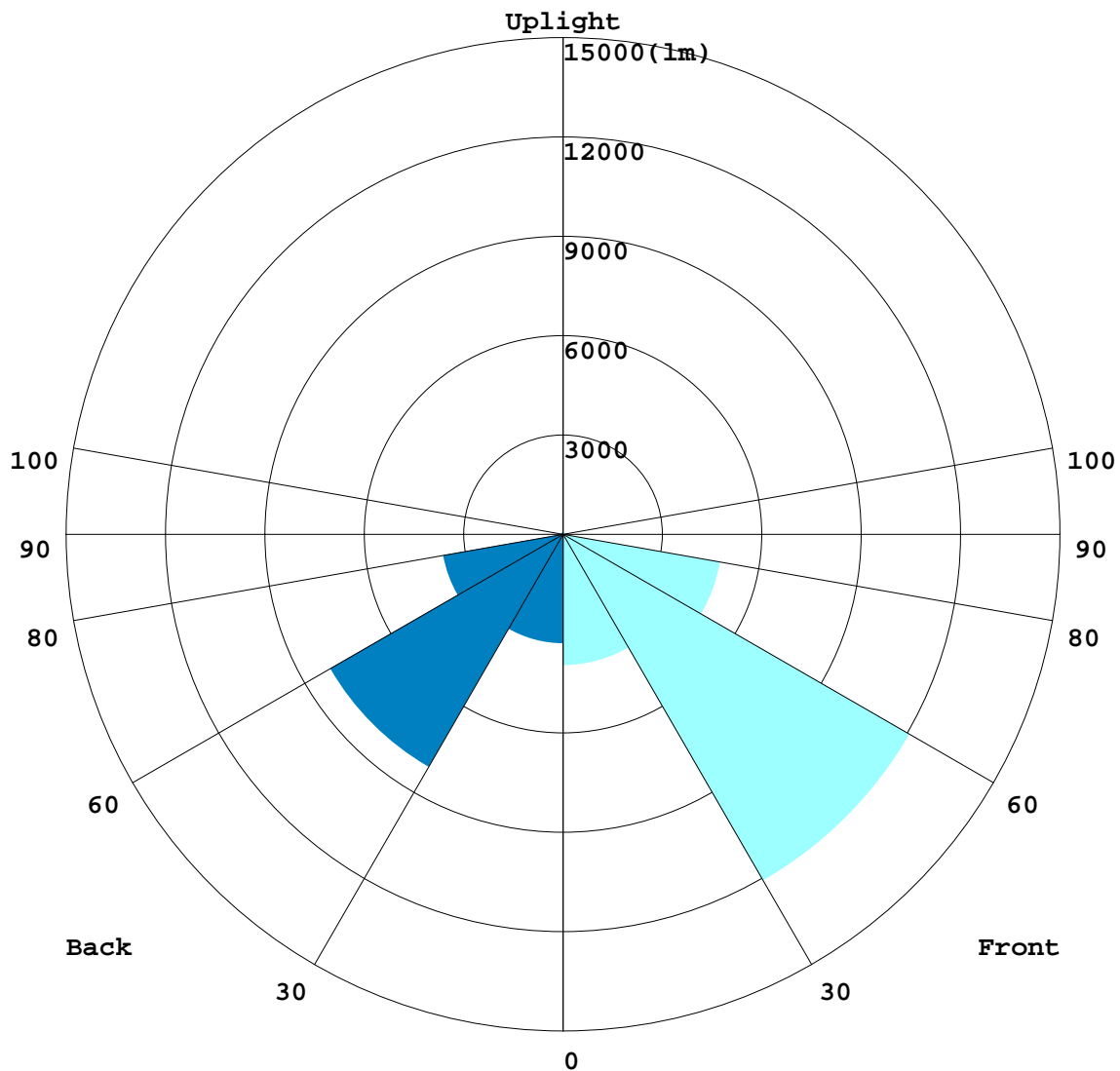
C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature: 25.0°C  
Operators: zhaojicheng  
Test Date: 2023-12-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:219.79V I:0.9150A P:195.99W PF:0.9745 Freq:50.00Hz Lamp Flux:36224.3x1 lm		
NAME: Slylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154G 200w4000K With 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℃  
Operators:zhaojicheng  
Test Date:2023-12-04

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:219.79V I:0.9150A P:195.99W PF:0.9745 Freq:50.00Hz Lamp Flux:36224.3x1 lm		
NAME: Slylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154G 200w4000K With 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)	3954.4	10.9
FM - Front-Medium(30-60)	12078	33.3
FH - Front-High(60-80)	4816.7	13.3
FVH - Front-Very High(80-90)	111.15	0.3
Total Forward Light	21000	58.0

BL - Back-Low(0-30)	3296.3	9.1
BM - Back-Medium(30-60)	8114.6	22.4
BH - Back-High(60-80)	3673.3	10.1
BVH - Back-Very High(80-90)	81.552	0.2
Total Back Light	15224	42.0

UL - Uplight-Low(90-100)	4.2193	0.0
UH - Uplight-High(100-180)	93.987	0.3
Total Up Light	98.206	0.3

BUG(Back,Up,Glare) Rating	B4-U3-G4
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	15166	58.35	15224
Street Side	20960	39.857	21000

C Range: 0 - 360DEG  
C Interval: 5.0DEG  
Test Speed: HIGH  
Temperature:25.0℃  
Operators:zhaojicheng  
Test Date:2023-12-04

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:

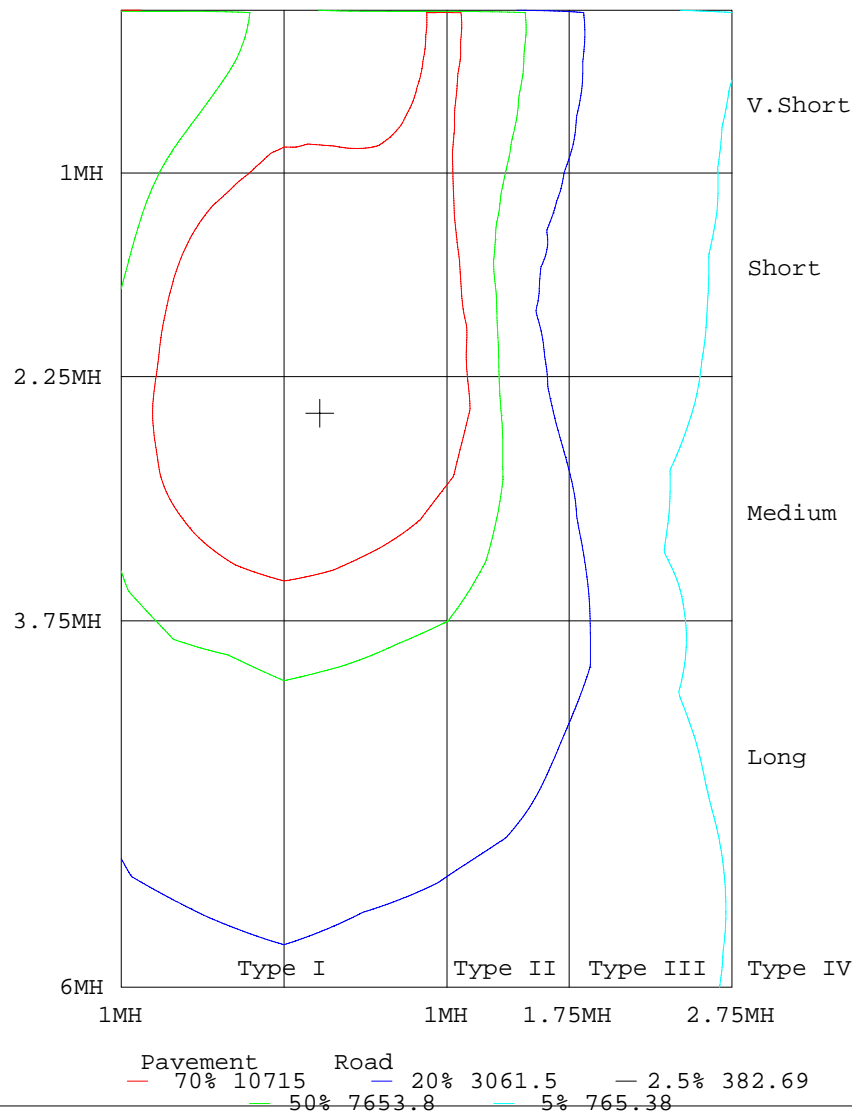


### ROAD ISOCANDELA REPORT

Test:U:219.79V I:0.9150A P:195.99W PF:0.9745 Freq:50.00Hz  
Lamp Flux:36224.3x1 lm

NAME: Slylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154G 200w4000K With 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:zhaojicheng  
Test Date:2023-12-04

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:219.79V I:0.9150A P:195.99W PF:0.9745 Freq:50.00Hz Lamp Flux:36224.3x1 lm		
NAME: Slylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154G 200w4000K With 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	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878
5	880	883	886	888	891	893	895	897	898	900	901	903	904	905	905	906	906	907	906
10	886	891	896	900	904	907	910	913	915	918	919	921	921	923	923	924	923	924	924
15	896	902	909	914	918	922	925	928	929	931	932	933	933	934	933	934	933	933	932
20	916	923	930	934	938	940	941	942	942	942	941	941	940	941	940	941	940	940	939
25	947	955	961	963	965	964	961	958	955	954	952	951	950	951	950	950	949	950	949
30	989	996	1001	1000	997	991	985	978	972	968	965	965	964	966	966	968	968	969	969
35	1037	1044	1047	1043	1035	1024	1013	1003	994	989	987	990	994	998	1003	1007	1010	1011	1012
40	1088	1095	1096	1088	1078	1064	1050	1036	1028	1025	1029	1035	1044	1051	1057	1060	1063	1064	1065
45	1130	1138	1138	1131	1123	1111	1100	1088	1084	1082	1085	1086	1087	1088	1088	1089	1088	1088	1087
50	1165	1172	1175	1174	1173	1173	1174	1165	1147	1124	1102	1086	1069	1058	1045	1041	1031	1032	1028
55	1206	1215	1225	1237	1263	1270	1252	1205	1138	1072	1011	972	925	898	864	854	833	835	826
60	1293	1298	1336	1374	1376	1329	1246	1130	970	838	721	644	577	539	491	470	439	439	428
65	1445	1489	1504	1468	1394	1248	1088	828	518	324	238	194	174	163	142	138	135	136	132
70	1344	1367	1322	1239	1155	957	613	281	113	105	97.2	91.3	84.7	82.2	77.4	76.3	76.9	79.0	77.9
75	719	761	729	707	592	460	191	77.2	66.2	61.6	57.7	54.1	50.0	48.4	46.8	46.5	46.7	48.3	47.8
80	188	195	194	167	125	86.6	42.2	34.9	29.1	27.4	25.5	25.2	22.6	22.9	22.7	23.1	22.8	23.2	22.7
85	13.2	15.6	20.3	18.6	17.5	13.6	10.0	8.47	6.92	7.06	6.62	6.78	6.30	6.52	6.23	6.57	5.91	4.89	4.20
90	0.41	0.36	0.34	0.27	0.23	0.17	0.14	0.10	0.12	0.09	0.10	0.10	0.10	0.12	0.12	0.15	0.12	0.11	0.09
95	0.88	0.82	0.76	0.61	0.51	0.37	0.27	0.18	0.13	0.11	0.10	0.10	0.09	0.10	0.09	0.10	0.09	0.09	0.09
100	1.50	1.40	1.28	1.08	0.91	0.69	0.53	0.37	0.26	0.19	0.15	0.15	0.14	0.13	0.13	0.13	0.12	0.13	0.12
105	2.04	1.92	1.78	1.55	1.33	1.07	0.86	0.64	0.49	0.35	0.28	0.24	0.22	0.21	0.20	0.19	0.19	0.19	0.18
110	2.41	2.31	2.16	1.92	1.69	1.42	1.20	0.96	0.77	0.59	0.48	0.40	0.36	0.33	0.32	0.30	0.30	0.29	0.29
115	2.67	2.57	2.43	2.23	2.02	1.76	1.53	1.27	1.06	0.86	0.72	0.60	0.55	0.50	0.48	0.46	0.45	0.45	0.45
120	2.76	2.69	2.59	2.44	2.25	2.03	1.81	1.56	1.33	1.12	0.96	0.83	0.76	0.70	0.67	0.65	0.63	0.63	0.63
125	2.73	2.67	2.60	2.48	2.33	2.17	1.97	1.76	1.56	1.36	1.20	1.07	0.98	0.91	0.87	0.84	0.83	0.82	0.82
130	2.61	2.56	2.50	2.41	2.31	2.18	2.03	1.88	1.71	1.55	1.41	1.28	1.19	1.12	1.07	1.03	1.01	1.00	1.01
135	2.47	2.42	2.39	2.32	2.27	2.17	2.06	1.95	1.82	1.69	1.56	1.45	1.36	1.29	1.23	1.19	1.16	1.15	1.15
140	2.37	2.34	2.32	2.27	2.25	2.17	2.08	1.99	1.89	1.79	1.68	1.59	1.50	1.43	1.37	1.33	1.30	1.29	1.29
145	2.32	2.28	2.28	2.26	2.23	2.17	2.10	2.03	1.94	1.87	1.78	1.70	1.62	1.56	1.51	1.47	1.45	1.44	1.44
150	2.28	2.27	2.27	2.26	2.23	2.19	2.12	2.07	2.00	1.94	1.86	1.80	1.73	1.69	1.64	1.61	1.59	1.59	1.59
155	2.27	2.27	2.27	2.27	2.24	2.21	2.15	2.11	2.05	2.00	1.94	1.89	1.84	1.81	1.78	1.76	1.74	1.74	1.74
160	2.27	2.29	2.30	2.30	2.26	2.23	2.19	2.16	2.10	2.07	2.02	2.00	1.96	1.94	1.92	1.91	1.89	1.89	1.89
165	2.30	2.33	2.35	2.33	2.29	2.27	2.23	2.21	2.17	2.16	2.12	2.11	2.09	2.08	2.06	2.06	2.04	2.05	2.04
170	2.37	2.40	2.39	2.36	2.33	2.32	2.29	2.28	2.25	2.25	2.23	2.23	2.21	2.21	2.19	2.20	2.18	2.19	2.18
175	2.45	2.46	2.43	2.40	2.37	2.37	2.35	2.36	2.34	2.34	2.33	2.33	2.32	2.32	2.30	2.31	2.30	2.32	2.30
180	2.48	2.47	2.43	2.41	2.41	2.42	2.41	2.42	2.41	2.41	2.40	2.41	2.40	2.41	2.40	2.41	2.41	2.42	2.42

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-04

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:219.79V I:0.9150A P:195.99W PF:0.9745 Freq:50.00Hz Lamp Flux:36224.3x1 lm		
NAME: Slylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740154G 200w4000K With 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	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878
5	906	906	906	905	904	903	902	901	900	898	896	894	892	890	887	885	882	879	876
10	924	923	924	923	923	921	920	919	917	915	913	910	907	903	899	895	890	883	878
15	933	932	933	932	933	932	932	931	931	929	927	924	921	917	912	906	899	890	883
20	940	939	940	939	940	939	940	940	941	941	940	939	937	934	929	924	916	905	895
25	949	948	949	948	949	949	951	951	952	953	954	956	958	958	956	952	945	931	921
30	968	968	967	965	965	964	964	964	966	969	973	978	983	988	990	989	983	969	957
35	1011	1009	1006	1002	996	992	988	985	986	989	996	1004	1013	1023	1029	1033	1028	1014	1002
40	1064	1063	1060	1055	1049	1041	1032	1024	1019	1020	1026	1039	1051	1063	1072	1078	1075	1061	1049
45	1089	1090	1092	1091	1091	1089	1086	1081	1074	1071	1072	1083	1094	1105	1114	1121	1119	1104	1091
50	1036	1037	1049	1055	1070	1082	1098	1109	1124	1137	1144	1149	1147	1151	1154	1158	1156	1143	1130
55	841	843	868	883	921	951	998	1039	1093	1146	1199	1234	1242	1228	1208	1200	1192	1179	1173
60	447	455	494	522	577	621	692	778	891	1009	1150	1250	1316	1351	1331	1288	1262	1246	1251
65	138	137	144	152	179	201	222	281	415	602	909	1112	1275	1405	1455	1474	1429	1384	1358
70	79.5	78.1	78.4	80.7	86.3	89.7	97.9	105	114	126	352	689	1051	1227	1338	1420	1470	1453	1370
75	48.7	47.6	48.4	49.2	51.4	53.8	59.5	64.5	69.6	75.1	90.6	267	544	713	843	875	924	936	883
80	23.6	23.6	24.3	24.2	24.8	25.5	28.6	29.8	32.2	35.0	42.9	53.5	109	195	239	277	290	315	289
85	5.24	6.29	7.27	7.17	7.77	7.81	8.74	8.97	9.75	10.03	12.6	15.6	21.1	27.3	31.8	32.0	30.7	30.2	26.4
90	0.13	0.16	0.22	0.19	0.24	0.22	0.26	0.24	0.28	0.26	0.34	0.32	0.44	0.44	0.56	0.52	0.59	1.01	0.89
95	0.09	0.09	0.10	0.10	0.10	0.10	0.11	0.11	0.12	0.13	0.18	0.27	0.37	0.49	0.57	0.68	0.72	1.08	1.12
100	0.13	0.12	0.13	0.13	0.14	0.14	0.15	0.16	0.18	0.25	0.38	0.57	0.73	0.93	1.08	1.23	1.32	1.74	1.79
105	0.19	0.19	0.19	0.20	0.21	0.22	0.24	0.27	0.35	0.50	0.69	0.95	1.17	1.43	1.61	1.81	1.91	2.34	2.39
110	0.29	0.30	0.30	0.32	0.34	0.36	0.40	0.48	0.61	0.83	1.07	1.36	1.59	1.85	2.05	2.26	2.37	2.75	2.79
115	0.45	0.45	0.46	0.49	0.51	0.55	0.62	0.75	0.93	1.18	1.43	1.69	1.91	2.13	2.33	2.52	2.66	2.97	3.00
120	0.63	0.64	0.65	0.69	0.72	0.78	0.87	1.03	1.22	1.45	1.66	1.86	2.06	2.25	2.46	2.64	2.78	3.01	3.04
125	0.82	0.83	0.85	0.89	0.93	1.01	1.12	1.28	1.44	1.60	1.77	1.92	2.09	2.27	2.46	2.65	2.75	2.90	2.92
130	1.01	1.01	1.04	1.07	1.13	1.21	1.32	1.44	1.57	1.69	1.82	1.95	2.12	2.29	2.44	2.59	2.68	2.71	2.73
135	1.16	1.16	1.18	1.22	1.29	1.37	1.46	1.56	1.66	1.76	1.88	2.00	2.15	2.29	2.40	2.51	2.57	2.53	2.55
140	1.30	1.31	1.33	1.37	1.43	1.50	1.59	1.66	1.75	1.84	1.95	2.05	2.16	2.27	2.35	2.43	2.47	2.40	2.42
145	1.45	1.45	1.48	1.51	1.56	1.61	1.69	1.75	1.83	1.91	2.00	2.07	2.16	2.24	2.30	2.37	2.39	2.30	2.33
150	1.60	1.60	1.62	1.64	1.68	1.72	1.78	1.83	1.91	1.97	2.04	2.10	2.17	2.23	2.27	2.33	2.35	2.25	2.27
155	1.74	1.74	1.76	1.77	1.80	1.83	1.88	1.92	1.97	2.02	2.07	2.12	2.17	2.22	2.26	2.31	2.33	2.25	2.25
160	1.89	1.89	1.90	1.90	1.93	1.94	1.98	2.01	2.05	2.08	2.12	2.15	2.19	2.22	2.27	2.30	2.33	2.27	2.25
165	2.04	2.03	2.04	2.04	2.06	2.07	2.09	2.11	2.14	2.15	2.19	2.20	2.24	2.26	2.29	2.31	2.35	2.31	2.29
170	2.18	2.17	2.18	2.17	2.19	2.19	2.21	2.21	2.23	2.24	2.26	2.27	2.30	2.31	2.33	2.35	2.38	2.38	2.34
175	2.31	2.29	2.30	2.29	2.31	2.30	2.32	2.32	2.33	2.33	2.35	2.36	2.37	2.37	2.39	2.41	2.44	2.46	2.41
180	2.42	2.41	2.42	2.41	2.41	2.41	2.41	2.41	2.42	2.42	2.43	2.42	2.43	2.43	2.43	2.44	2.48	2.48	2.46

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-04

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:219.79V I:0.9150A P:195.99W PF:0.9745 Freq:50.00Hz Lamp Flux:36224.3x1 lm																		
NAME: Slylite									TYPE: LED					WEIGHT: 5.8				
SPEC.: AL6740154G 200w4000K With 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	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878
5	872	869	866	863	860	857	854	851	848	846	844	841	840	838	838	837	837	837	838
10	871	865	858	851	845	838	831	824	818	811	806	800	796	792	789	787	787	787	789
15	873	864	853	843	832	821	809	797	785	773	763	754	747	740	736	733	733	733	737
20	883	870	855	841	824	807	788	771	754	738	723	709	698	687	679	676	674	676	680
25	905	889	869	849	825	801	776	751	726	702	679	659	642	630	620	615	613	616	620
30	939	920	894	866	835	803	768	733	699	664	633	608	586	571	560	554	552	555	561
35	981	958	926	891	850	807	760	712	665	625	587	558	534	519	508	503	501	504	510
40	1027	1000	964	922	871	814	752	691	632	583	541	511	490	479	471	468	467	470	474
45	1069	1042	1003	956	894	822	743	664	593	536	497	472	455	445	438	436	435	438	442
50	1111	1086	1046	992	917	824	719	615	532	482	449	426	410	402	397	395	395	396	399
55	1163	1140	1090	1020	919	786	639	516	451	407	376	354	340	325	317	308	307	306	315
60	1232	1189	1117	1009	858	670	479	376	324	285	260	229	207	189	182	174	174	172	177
65	1306	1225	1086	912	695	421	249	192	172	148	124	107	104	98.7	98.7	96.4	95.9	95.1	95.9
70	1278	1119	966	668	358	115	101	92.3	83.4	70.6	67.4	61.9	60.8	60.1	62.6	63.1	63.3	62.7	61.2
75	844	740	543	277	91.5	53.7	52.5	47.7	44.2	41.1	39.2	37.8	37.7	36.8	37.3	37.2	37.4	37.0	36.4
80	258	165	114	34.6	28.4	25.5	24.0	21.2	21.2	19.9	19.4	18.7	19.1	18.4	18.2	17.5	17.7	17.3	17.7
85	18.0	13.4	11.4	8.97	8.19	7.01	6.56	5.84	5.88	5.49	5.53	5.04	5.00	4.40	4.42	3.89	3.98	3.72	4.08
90	0.89	0.72	0.65	0.48	0.39	0.25	0.19	0.14	0.12	0.12	0.10	0.11	0.09	0.09	0.09	0.09	0.09	0.09	0.09
95	1.08	1.02	0.90	0.78	0.60	0.46	0.30	0.20	0.16	0.14	0.14	0.13	0.13	0.12	0.12	0.12	0.12	0.12	0.12
100	1.74	1.67	1.51	1.33	1.10	0.90	0.65	0.48	0.33	0.28	0.24	0.23	0.22	0.21	0.20	0.20	0.20	0.20	0.21
105	2.33	2.24	2.06	1.89	1.63	1.42	1.15	0.94	0.72	0.61	0.52	0.49	0.45	0.45	0.42	0.43	0.41	0.43	0.42
110	2.73	2.64	2.46	2.29	2.08	1.89	1.65	1.46	1.23	1.09	0.95	0.91	0.84	0.84	0.80	0.81	0.78	0.81	0.80
115	2.96	2.86	2.72	2.57	2.40	2.26	2.07	1.90	1.71	1.58	1.44	1.40	1.32	1.32	1.27	1.29	1.26	1.29	1.27
120	3.01	2.94	2.82	2.71	2.59	2.48	2.36	2.24	2.10	2.00	1.90	1.87	1.81	1.81	1.77	1.80	1.77	1.79	1.76
125	2.90	2.86	2.79	2.71	2.63	2.56	2.51	2.46	2.40	2.35	2.29	2.28	2.24	2.25	2.23	2.26	2.24	2.25	2.22
130	2.73	2.71	2.68	2.65	2.60	2.57	2.54	2.53	2.53	2.52	2.52	2.52	2.52	2.54	2.55	2.58	2.57	2.57	2.56
135	2.55	2.56	2.55	2.55	2.53	2.53	2.52	2.54	2.53	2.55	2.56	2.58	2.60	2.63	2.65	2.68	2.69	2.69	2.68
140	2.42	2.43	2.43	2.45	2.45	2.47	2.47	2.49	2.50	2.53	2.53	2.56	2.57	2.62	2.64	2.67	2.67	2.68	2.66
145	2.33	2.34	2.34	2.37	2.38	2.42	2.42	2.45	2.45	2.48	2.48	2.51	2.53	2.56	2.58	2.61	2.60	2.60	2.58
150	2.27	2.29	2.29	2.33	2.33	2.37	2.38	2.41	2.41	2.44	2.45	2.48	2.48	2.52	2.53	2.55	2.54	2.55	2.52
155	2.26	2.28	2.29	2.31	2.33	2.35	2.36	2.39	2.40	2.42	2.44	2.46	2.47	2.50	2.50	2.53	2.52	2.52	2.50
160	2.27	2.28	2.30	2.31	2.34	2.35	2.37	2.38	2.40	2.42	2.44	2.46	2.46	2.49	2.50	2.52	2.51	2.52	2.50
165	2.30	2.31	2.33	2.34	2.36	2.37	2.39	2.39	2.41	2.42	2.44	2.46	2.46	2.49	2.49	2.51	2.50	2.52	2.50
170	2.35	2.35	2.37	2.38	2.39	2.40	2.41	2.42	2.43	2.43	2.44	2.46	2.46	2.48	2.48	2.51	2.50	2.51	2.49
175	2.40	2.39	2.41	2.41	2.42	2.42	2.42	2.42	2.42	2.44	2.43	2.45	2.44	2.46	2.46	2.48	2.47	2.49	2.47
180	2.43	2.41	2.41	2.42	2.42	2.42	2.42	2.41	2.41	2.41	2.41	2.41	2.41	2.42	2.42	2.43	2.42	2.43	2.42

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-04

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:219.79V I:0.9150A P:195.99W PF:0.9745 Freq:50.00Hz Lamp Flux:36224.3x1 lm																	
NAME: Slylite									TYPE: LED						WEIGHT: 5.8		
SPEC.: AL6740154G 200w4000K With 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	878	878	878	878	878	878	878	878	878	878	878	878	878	878	878				
5	838	840	842	844	846	849	852	854	858	861	864	867	871	874	877				
10	792	796	800	806	812	819	825	832	839	846	853	860	867	873	880				
15	741	748	755	765	775	787	799	812	824	835	846	857	868	877	887				
20	688	699	711	726	741	758	776	794	813	830	848	863	878	891	904				
25	631	644	662	682	706	731	757	783	809	834	859	880	901	917	933				
30	573	589	612	637	670	704	739	775	812	846	879	908	935	955	974				
35	522	538	563	593	632	673	722	770	819	864	907	943	976	999	1021				
40	484	496	518	549	593	644	705	768	832	889	943	984	1021	1048	1070				
45	450	462	481	506	548	607	682	763	846	919	982	1027	1064	1090	1112				
50	405	415	432	456	490	543	629	739	850	945	1023	1077	1113	1133	1151				
55	324	340	355	378	409	452	518	649	806	945	1048	1121	1173	1195	1197				
60	181	198	217	250	274	311	360	468	673	866	1027	1146	1219	1266	1291				
65	94.8	98.4	99.4	111	130	150	165	213	384	672	913	1079	1238	1332	1386				
70	58.6	58.6	59.5	63.6	66.1	75.2	82.3	88.5	102	290	615	904	1064	1203	1305				
75	35.8	36.3	36.1	37.1	38.4	40.9	43.1	46.5	47.9	82.3	233	452	587	697	718				
80	17.5	17.8	17.3	17.7	17.8	18.6	18.3	20.5	21.4	24.0	29.3	63.4	100	166	199				
85	3.85	4.32	4.18	4.47	4.24	4.40	4.26	4.66	4.81	5.68	6.09	7.55	8.52	10.4	13.3				
90	0.09	0.09	0.11	0.09	0.10	0.11	0.14	0.15	0.21	0.29	0.39	0.47	0.57	0.61	0.66				
95	0.12	0.13	0.13	0.14	0.15	0.16	0.22	0.32	0.47	0.60	0.79	0.94	1.10	1.19	1.26				
100	0.21	0.22	0.24	0.26	0.30	0.36	0.50	0.65	0.87	1.05	1.30	1.50	1.71	1.84	1.94				
105	0.45	0.46	0.51	0.54	0.63	0.73	0.92	1.09	1.33	1.53	1.80	2.01	2.26	2.41	2.53				
110	0.84	0.85	0.92	0.97	1.09	1.21	1.40	1.57	1.79	1.97	2.22	2.44	2.68	2.82	2.91				
115	1.32	1.33	1.40	1.45	1.58	1.68	1.86	2.00	2.21	2.39	2.62	2.80	2.97	3.07	3.11				
120	1.81	1.81	1.88	1.91	2.02	2.11	2.26	2.39	2.57	2.72	2.87	2.98	3.07	3.11	3.11				
125	2.26	2.26	2.31	2.33	2.41	2.47	2.58	2.67	2.76	2.82	2.90	2.94	2.97	2.97	2.95				
130	2.57	2.58	2.60	2.61	2.65	2.68	2.72	2.74	2.77	2.78	2.79	2.77	2.77	2.76	2.75				
135	2.68	2.67	2.68	2.68	2.69	2.69	2.71	2.69	2.69	2.67	2.66	2.63	2.61	2.59	2.58				
140	2.66	2.64	2.66	2.64	2.65	2.63	2.63	2.61	2.61	2.58	2.57	2.54	2.51	2.47	2.46				
145	2.58	2.56	2.57	2.56	2.58	2.56	2.56	2.54	2.54	2.51	2.51	2.48	2.46	2.40	2.38				
150	2.52	2.49	2.50	2.49	2.50	2.49	2.50	2.48	2.49	2.47	2.47	2.44	2.43	2.38	2.33				
155	2.50	2.48	2.48	2.46	2.47	2.45	2.46	2.45	2.46	2.44	2.45	2.42	2.42	2.39	2.33				
160	2.49	2.48	2.48	2.46	2.46	2.45	2.45	2.43	2.44	2.42	2.43	2.41	2.42	2.39	2.34				
165	2.49	2.48	2.48	2.46	2.46	2.45	2.44	2.43	2.43	2.42	2.43	2.41	2.41	2.41	2.38				
170	2.49	2.48	2.48	2.46	2.46	2.45	2.44	2.44	2.43	2.43	2.43	2.42	2.42	2.43	2.41				
175	2.48	2.46	2.47	2.45	2.46	2.45	2.44	2.43	2.44	2.43	2.43	2.43	2.44	2.44	2.46				
180	2.42	2.41	2.42	2.42	2.42	2.42	2.43	2.42	2.43	2.43	2.43	2.43	2.44	2.44	2.48				

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2023-12-04

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: