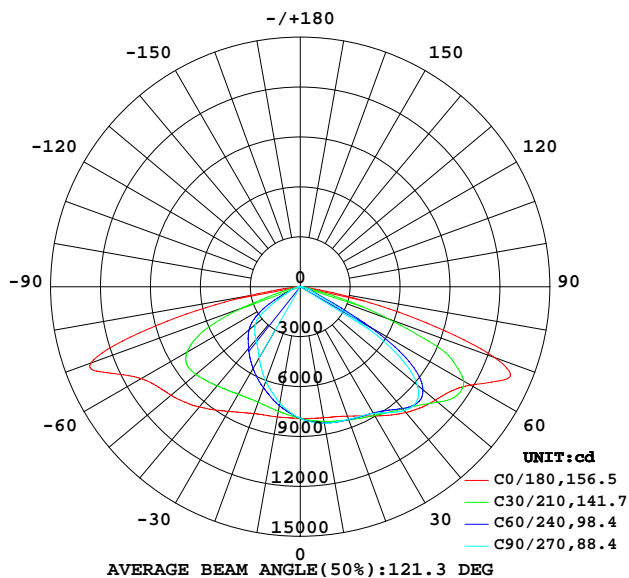
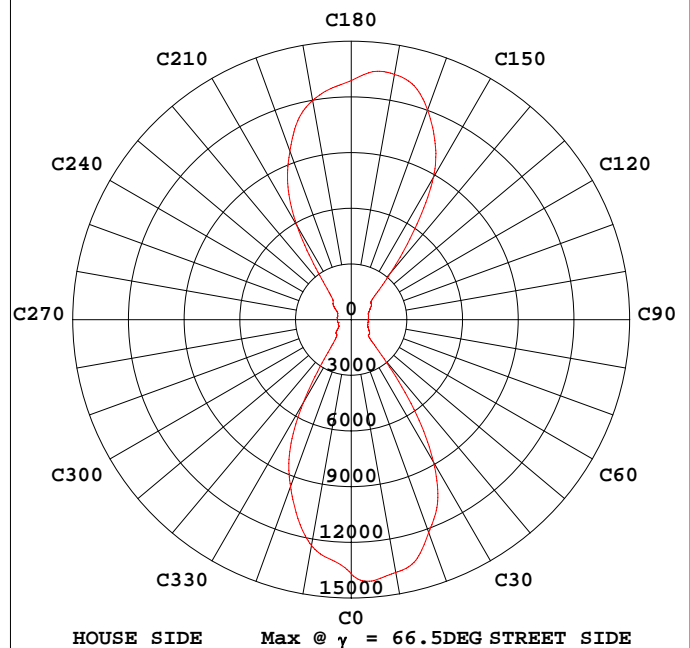


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:219.85V I:0.8236A P:175.66W PF:0.9701 Freq:50.00Hz Lamp Flux:32602.6x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740144G 180w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 185.60 lm/W			
MODEL	180W4000K	I _{max} (cd)	14111	η street_up(%)	0.1
NOMINAL POWER(W)	180	LOR(%)	100.0	η street_down(%)	57.7
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	32603	η house_up(%)	0.2
NOMINAL FLUX(lm)	32602.6	MAXIMUM @(C,γ)	5,66.5	η house_down(%)	42.0
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	22.345

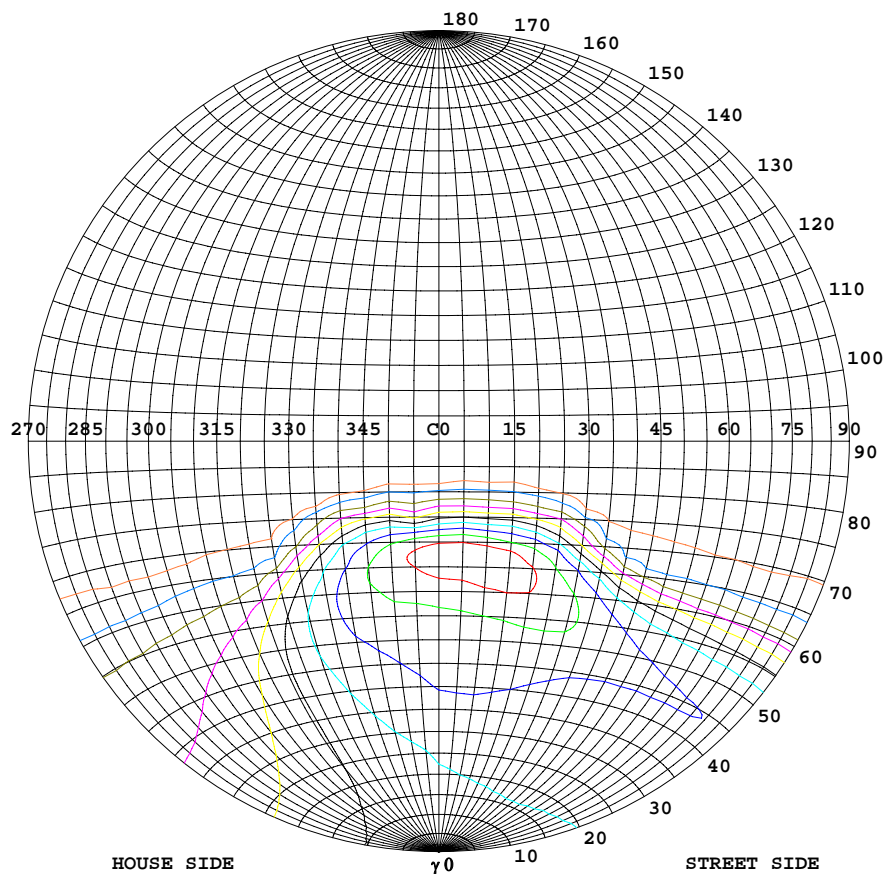
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

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:219.85V I:0.8236A P:175.66W PF:0.9701 Freq:50.00Hz Lamp Flux:32602.6x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740144G 180w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



Classification:

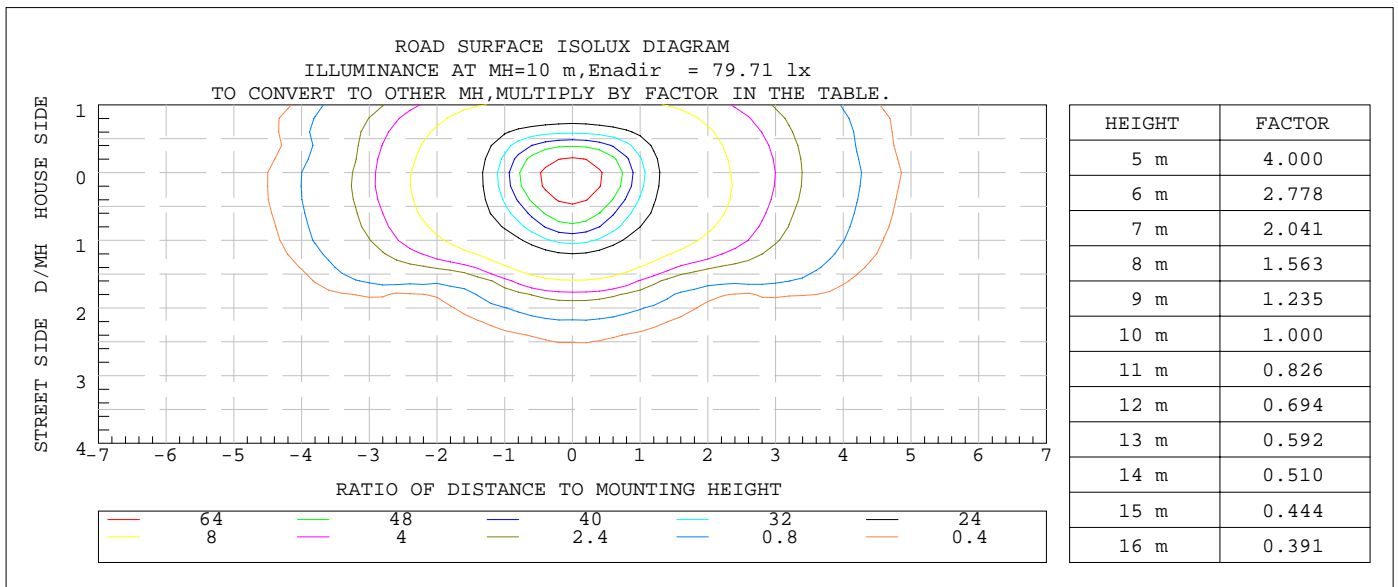
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Cut-off
CIE:Semi-cut-off
Max.At80:94.08cd/klm
Max.At90:0.4012cd/klm
Max.80-90:94.08cd/klm

ISOCANDELA DIAGRAM		
UNIT		cd
I _{max} =100%		14111
— 90%		12700
— 80%		11289
— 70%		9877
— 60%		8466
— 50%		7055
— 40%		5644
— 30%		4233
— 20%		2822
— 10%		1411
— 5%		706

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:219.85V I:0.8236A P:175.66W PF:0.9701 Freq:50.00Hz Lamp Flux:32602.6x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740144G 180w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:

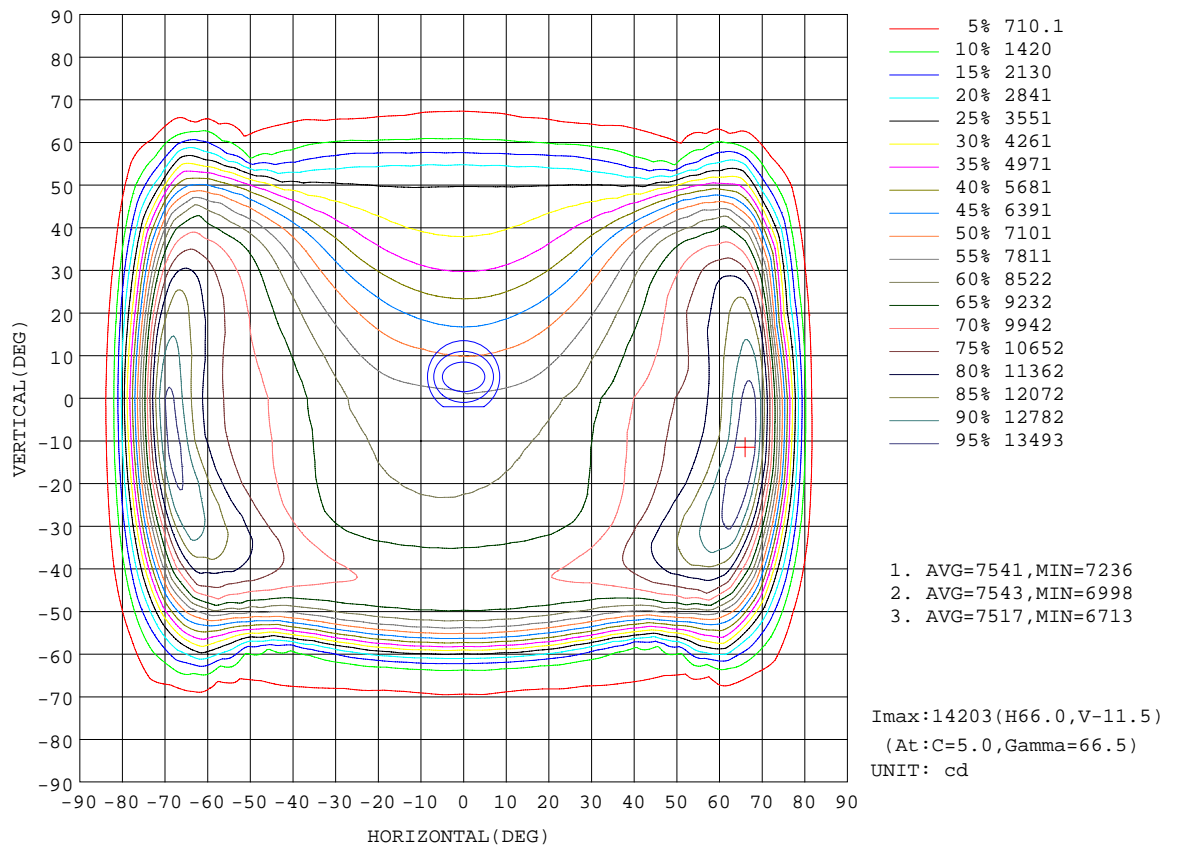
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	799.7	828.2	832.5	825.5	794.4	741.6	710.2	744.4	0- 10	751.9	751.9	2.31,2.31
20	827.7	851.8	848.1	845.5	811.6	692.0	604.9	699.8	10- 20	2204	2956	9.07,9.07
30	896.5	878.9	880.3	869.0	864.9	656.2	494.2	666.5	20- 30	3577	6532	20,20
40	987.8	937.5	970.8	922.1	943.3	619.4	414.8	635.4	30- 40	4956	11489	35.2,35.2
50	1060	1024	917.5	1014	1014	556.6	352.4	566.4	40- 50	6346	17835	54.7,54.7
60	1183	733.6	349.9	775.9	1104	345.4	158.7	320.7	50- 60	6869	24704	75.8,75.8
70	1240	90.74	67.30	98.82	1338	83.18	56.79	71.79	60- 70	5266	29970	91.9,91.9
80	159.6	22.82	18.81	26.76	306.7	18.48	16.21	15.56	70- 80	2374	32344	99.2,99.2
90	0.3810	0.0763	0.0745	0.2571	0.9261	0.1491	0.0736	0.1031	80- 90	170.5	32514	99.7,99.7
100	1.369	0.1726	0.1100	0.1595	1.596	0.4197	0.1714	0.4148	90-100	3.893	32518	99.7,99.7
110	2.168	0.5416	0.2616	0.5444	2.504	1.291	0.6683	1.212	100-110	9.096	32527	99.8,99.8
120	2.463	1.019	0.5640	1.099	2.739	2.020	1.550	1.993	110-120	14.32	32541	99.8,99.8
130	2.334	1.393	0.8945	1.413	2.461	2.293	2.310	2.437	120-130	16.53	32558	99.9,99.9
140	2.120	1.602	1.152	1.576	2.176	2.272	2.427	2.376	130-140	15.21	32573	99.9,99.9
150	2.037	1.734	1.414	1.720	2.044	2.197	2.306	2.263	140-150	12.37	32585	99.9,99.9
160	2.036	1.861	1.693	1.853	2.057	2.170	2.275	2.210	150-160	9.246	32595	100,100
170	2.126	2.025	1.965	2.028	2.156	2.188	2.266	2.211	160-170	5.877	32601	100,100
180	2.233	2.173	2.192	2.190	2.232	2.178	2.200	2.197	170-180	2.062	32603	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:2023-12-05

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

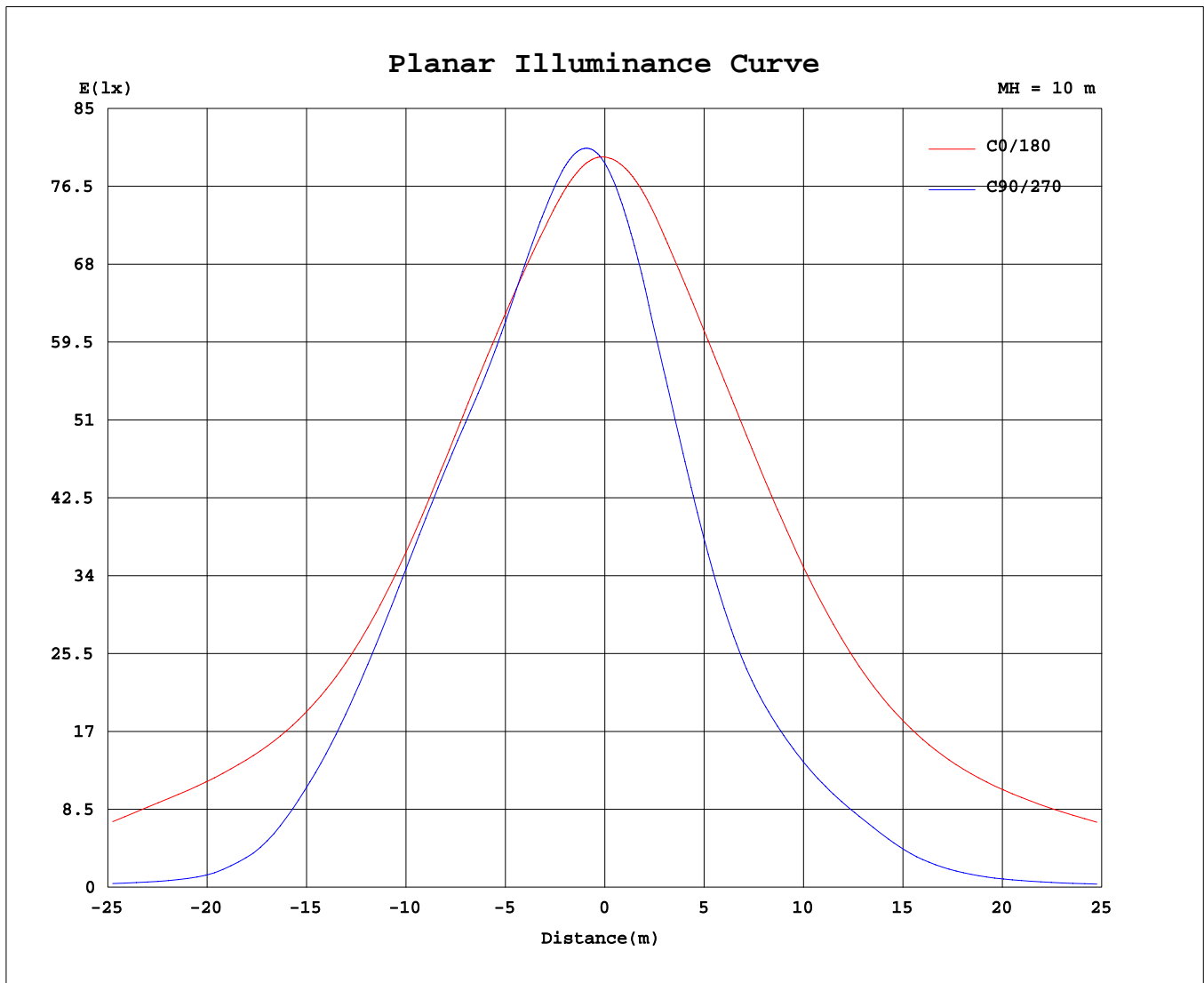
Test:U:219.85V I:0.8236A P:175.66W PF:0.9701 Freq:50.00Hz Lamp Flux:32602.6x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740144G 180w4000K With glass	DIM.: 59*27*7.5	SERIAL No.: 001
MFR.: Americanlite	SUR.: 28*23	Shielding Angle:



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

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

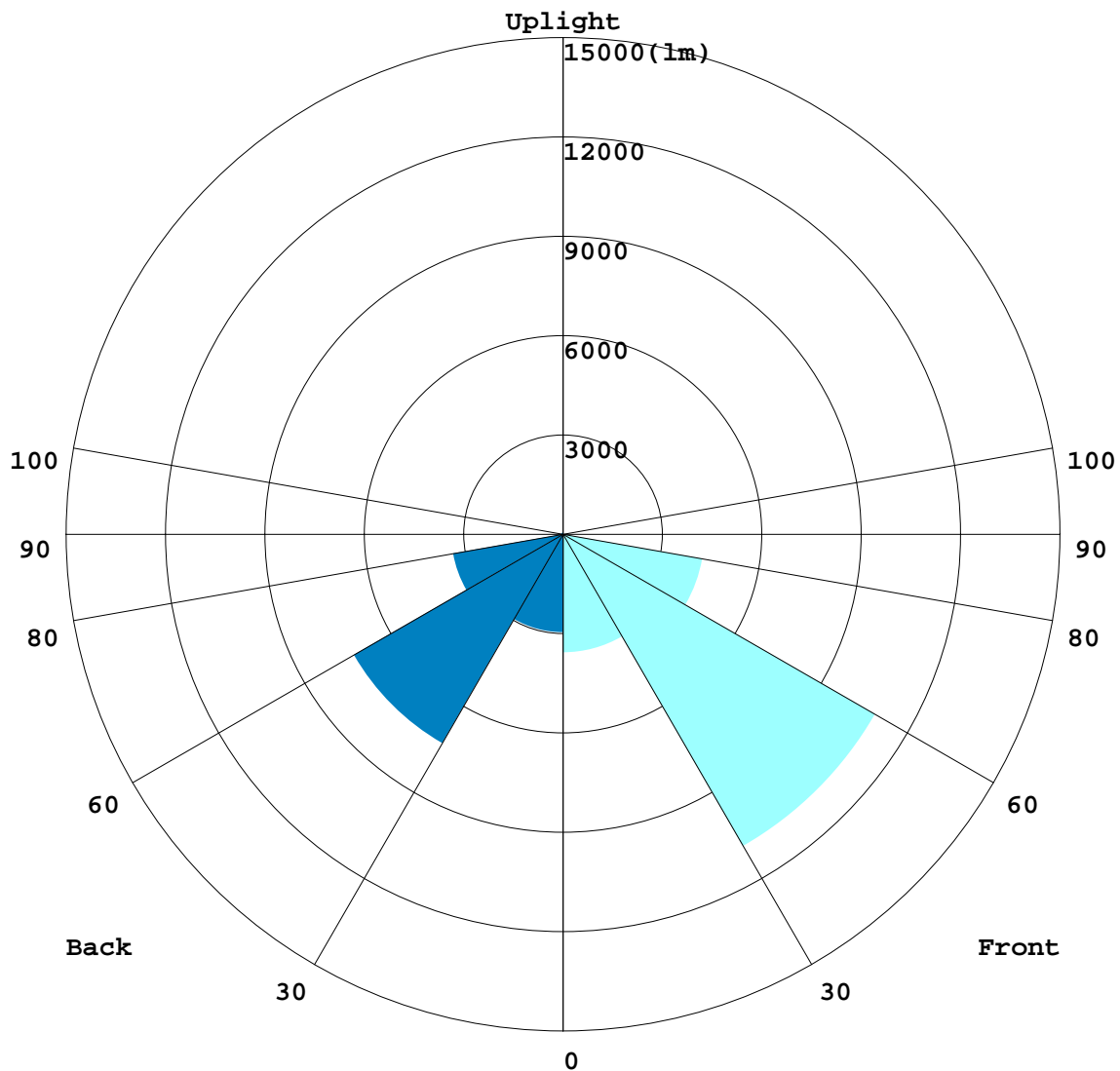


C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: zhaojicheng
Test Date: 2023-12-05

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:219.85V I:0.8236A P:175.66W PF:0.9701 Freq:50.00Hz Lamp Flux:32602.6x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740144G 180w4000K 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°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:

BUG REPORT

Test:U:219.85V I:0.8236A P:175.66W PF:0.9701 Freq:50.00Hz Lamp Flux:32602.6x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740144G 180w4000K 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)	3567.5	10.9
FM - Front-Medium(30-60)	10879	33.4
FH - Front-High(60-80)	4270.8	13.1
FVH - Front-Very High(80-90)	95.753	0.3
Total Forward Light	18849	57.8

BL - Back-Low(0-30)	2964.6	9.1
BM - Back-Medium(30-60)	7292.2	22.4
BH - Back-High(60-80)	3369.2	10.3
BVH - Back-Very High(80-90)	74.713	0.2
Total Back Light	13753	42.2

UL - Uplight-Low(90-100)	3.8934	0.0
UH - Uplight-High(100-180)	84.716	0.3
Total Up Light	88.609	0.3

BUG(Back,Up,Glare) Rating	B4-U3-G4
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	13701	52.561	13753
Street Side	18813	36.048	18849

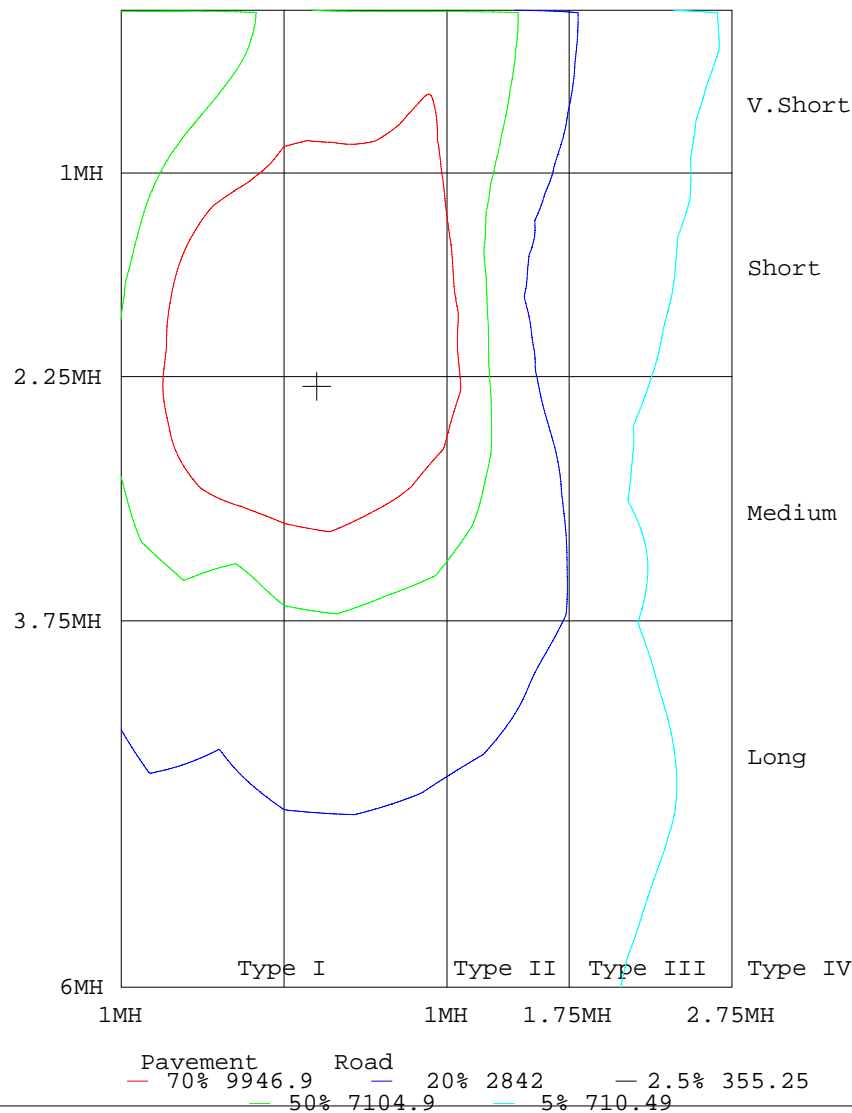
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:zhaojicheng
Test Date:2023-12-05

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:219.85V I:0.8236A P:175.66W PF:0.9701 Freq:50.00Hz Lamp Flux:32602.6x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740144G 180w4000K 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: 2023-12-05

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:219.85V I:0.8236A P:175.66W PF:0.9701 Freq:50.00Hz Lamp Flux:32602.6x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 5.8
SPEC.: AL6740144G 180w4000K 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	791	791	791	791	791	791	791	791	791	791	791	791	791	791	791	791	791	791	791
5	794	797	799	802	803	806	807	809	811	812	813	814	815	816	816	817	817	817	817
10	800	804	809	813	816	819	822	824	826	828	829	831	831	832	832	833	833	833	833
15	809	815	821	826	830	833	836	838	840	841	841	842	842	842	842	842	841	842	841
20	828	835	841	845	848	850	852	852	852	852	851	851	850	850	849	850	849	849	848
25	857	864	870	873	874	873	871	868	866	864	863	862	861	861	860	860	859	860	859
30	897	903	908	907	905	899	894	888	883	879	876	876	876	877	878	879	880	881	880
35	942	948	952	948	941	931	922	912	905	901	900	903	907	912	916	920	923	924	924
40	988	994	996	990	982	971	958	946	939	938	942	948	956	961	965	969	970	971	971
45	1027	1034	1036	1030	1024	1015	1007	998	995	993	992	992	991	990	988	988	986	986	984
50	1060	1067	1070	1071	1073	1076	1079	1070	1049	1024	999	982	963	951	936	932	921	922	918
55	1099	1108	1120	1135	1162	1167	1144	1099	1032	965	902	863	817	791	757	742	726	726	719
60	1183	1190	1231	1264	1260	1214	1134	1022	870	734	623	554	485	453	408	390	362	363	350
65	1333	1372	1380	1345	1270	1135	987	735	448	262	184	159	143	135	117	115	114	115	111
70	1240	1255	1207	1130	1054	868	558	249	98.8	90.7	83.9	78.8	72.8	71.0	66.9	65.8	66.3	68.5	67.3
75	668	700	664	641	530	414	172	68.7	57.1	52.2	49.3	46.4	42.5	41.0	39.6	39.6	39.6	41.1	40.7
80	160	172	166	145	104	64.9	36.4	30.0	24.6	22.8	20.9	21.1	18.6	18.9	18.8	19.2	18.9	19.4	18.8
85	8.64	12.4	15.3	15.4	13.8	11.4	8.28	6.85	5.40	5.53	5.08	5.29	4.81	4.99	4.78	5.08	4.73	3.90	2.94
90	0.38	0.34	0.32	0.26	0.22	0.16	0.13	0.09	0.10	0.08	0.12	0.07	0.08	0.09	0.09	0.11	0.10	0.10	0.07
95	0.82	0.77	0.71	0.59	0.49	0.35	0.26	0.17	0.12	0.10	0.09	0.09	0.08	0.09	0.08	0.08	0.08	0.08	0.08
100	1.37	1.29	1.21	1.02	0.86	0.65	0.50	0.35	0.25	0.17	0.14	0.13	0.12	0.12	0.11	0.12	0.11	0.11	0.11
105	1.85	1.75	1.64	1.43	1.23	1.00	0.80	0.60	0.45	0.33	0.25	0.22	0.20	0.19	0.18	0.17	0.17	0.17	0.16
110	2.17	2.09	1.96	1.76	1.55	1.31	1.10	0.89	0.71	0.54	0.44	0.36	0.32	0.30	0.28	0.27	0.27	0.26	0.26
115	2.39	2.32	2.20	2.03	1.84	1.61	1.40	1.17	0.97	0.78	0.65	0.55	0.49	0.45	0.43	0.42	0.41	0.40	0.40
120	2.46	2.42	2.33	2.20	2.03	1.84	1.64	1.41	1.21	1.02	0.87	0.76	0.68	0.63	0.60	0.58	0.57	0.56	0.56
125	2.44	2.39	2.33	2.22	2.08	1.95	1.77	1.59	1.40	1.23	1.08	0.96	0.88	0.82	0.78	0.75	0.74	0.73	0.73
130	2.33	2.28	2.23	2.14	2.06	1.95	1.82	1.69	1.53	1.39	1.26	1.15	1.07	1.00	0.95	0.92	0.90	0.89	0.89
135	2.21	2.16	2.12	2.06	2.02	1.94	1.84	1.74	1.63	1.51	1.40	1.30	1.22	1.15	1.10	1.06	1.04	1.03	1.03
140	2.12	2.08	2.06	2.02	2.00	1.94	1.85	1.78	1.69	1.60	1.50	1.42	1.34	1.28	1.22	1.19	1.16	1.15	1.15
145	2.06	2.03	2.03	2.01	1.99	1.94	1.88	1.82	1.74	1.67	1.59	1.52	1.45	1.39	1.34	1.31	1.29	1.28	1.28
150	2.04	2.02	2.03	2.02	1.99	1.96	1.90	1.85	1.79	1.73	1.66	1.61	1.55	1.51	1.47	1.44	1.42	1.42	1.41
155	2.03	2.03	2.03	2.03	2.01	1.98	1.93	1.89	1.84	1.79	1.74	1.70	1.65	1.62	1.59	1.58	1.56	1.56	1.56
160	2.04	2.05	2.06	2.07	2.03	2.00	1.96	1.94	1.89	1.86	1.82	1.79	1.76	1.74	1.72	1.71	1.70	1.70	1.69
165	2.06	2.09	2.10	2.09	2.06	2.04	2.01	1.99	1.95	1.94	1.91	1.90	1.87	1.87	1.85	1.85	1.84	1.84	1.83
170	2.13	2.16	2.15	2.13	2.10	2.09	2.06	2.06	2.03	2.02	2.00	2.00	1.99	1.99	1.97	1.98	1.97	1.98	1.96
175	2.20	2.22	2.18	2.17	2.14	2.14	2.12	2.12	2.11	2.11	2.09	2.10	2.08	2.09	2.08	2.09	2.08	2.09	2.08
180	2.23	2.23	2.20	2.18	2.18	2.18	2.17	2.18	2.17	2.17	2.17	2.18	2.17	2.18	2.18	2.18	2.18	2.20	2.19

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:219.85V I:0.8236A P:175.66W PF:0.9701 Freq:50.00Hz Lamp Flux:32602.6x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 5.8		
SPEC.: AL6740144G 180w4000K With glass									DIM.: 59*27*7.5						SERIAL No.: 001		
MFR.: Americanlite									SUR.: 28*23						Shielding Angle:		

Table--2

UNIT: X10cd

γ (DEG) \ C (DEG)	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170			
0	791	791	791	791	791	791	791	791	791	791	791	791	791	791	791	791			
5	817	816	816	815	815	814	813	812	810	809	807	805	804	801	799	797			
10	833	832	832	831	831	829	829	827	825	823	821	819	816	812	809	805			
15	841	840	840	839	840	839	839	838	837	835	833	831	827	824	819	814			
20	848	847	848	847	847	846	846	846	845	845	844	843	840	837	833	828			
25	859	858	858	857	857	856	856	856	856	856	856	857	858	858	855	852			
30	880	878	877	874	873	871	870	869	869	870	873	876	879	882	883	882			
35	923	921	917	913	907	901	895	891	888	889	892	898	903	911	916	918			
40	970	969	967	963	957	950	940	931	922	918	920	927	935	944	951	957			
45	987	987	991	991	992	990	988	984	975	968	963	967	973	981	987	993			
50	926	927	940	946	962	974	991	1002	1014	1024	1029	1029	1023	1023	1023	1026			
55	730	736	761	776	813	841	887	924	974	1020	1066	1098	1108	1097	1075	1066			
60	369	377	411	437	489	528	600	673	776	877	1003	1099	1163	1201	1191	1151			
65	116	116	120	125	147	160	184	228	332	492	737	961	1106	1236	1290	1313			
70	68.9	67.7	67.9	69.1	73.8	76.6	83.7	90.7	98.8	107	244	556	891	1093	1197	1288			
75	41.5	40.8	41.2	41.6	43.4	45.4	50.3	55.1	59.5	64.1	75.8	182	455	634	771	814			
80	19.6	19.6	20.2	20.1	20.6	20.8	23.7	24.7	26.8	29.1	35.7	44.4	91.2	171	222	269			
85	3.91	4.93	5.68	5.59	6.06	6.09	6.89	7.05	7.79	7.92	10.03	12.5	17.4	23.7	28.9	30.3			
90	0.10	0.12	0.17	0.16	0.19	0.18	0.22	0.20	0.26	0.24	0.30	0.30	0.42	0.45	0.59	0.57			
95	0.08	0.08	0.09	0.08	0.09	0.09	0.10	0.10	0.11	0.11	0.16	0.24	0.33	0.44	0.51	0.61			
100	0.11	0.11	0.12	0.11	0.12	0.12	0.13	0.14	0.16	0.22	0.34	0.51	0.66	0.84	0.97	1.11			
105	0.17	0.16	0.17	0.17	0.19	0.19	0.21	0.24	0.30	0.45	0.63	0.86	1.06	1.30	1.46	1.66			
110	0.26	0.26	0.27	0.28	0.30	0.32	0.35	0.43	0.54	0.75	0.97	1.23	1.44	1.68	1.87	2.06			
115	0.40	0.41	0.42	0.44	0.46	0.49	0.55	0.67	0.83	1.07	1.29	1.53	1.74	1.94	2.12	2.30			
120	0.56	0.57	0.58	0.61	0.64	0.69	0.77	0.92	1.10	1.31	1.51	1.69	1.87	2.04	2.24	2.40			
125	0.74	0.74	0.76	0.80	0.84	0.91	1.01	1.15	1.30	1.44	1.60	1.73	1.89	2.06	2.24	2.40			
130	0.90	0.90	0.92	0.96	1.01	1.09	1.18	1.30	1.41	1.52	1.64	1.76	1.92	2.08	2.22				
135	1.03	1.04	1.06	1.09	1.15	1.23	1.31	1.40	1.50	1.59	1.70	1.81	1.95	2.08	2.18				
140	1.16	1.16	1.19	1.22	1.28	1.34	1.42	1.49	1.58	1.66	1.76	1.85	1.96	2.06	2.14				
145	1.29	1.30	1.32	1.35	1.39	1.44	1.51	1.58	1.65	1.72	1.80	1.88	1.96	2.03	2.08				
150	1.43	1.43	1.45	1.47	1.51	1.54	1.60	1.65	1.72	1.77	1.84	1.90	1.96	2.02	2.05				
155	1.56	1.56	1.58	1.59	1.62	1.64	1.69	1.73	1.78	1.82	1.88	1.91	1.97	2.01	2.05				
160	1.70	1.70	1.71	1.71	1.74	1.75	1.79	1.81	1.85	1.88	1.92	1.95	1.99	2.02	2.05				
165	1.84	1.83	1.84	1.84	1.86	1.87	1.90	1.91	1.94	1.95	1.98	2.00	2.03	2.04	2.07				
170	1.97	1.97	1.97	1.97	1.98	1.98	2.00	2.01	2.03	2.03	2.06	2.07	2.09	2.09	2.11				
175	2.10	2.08	2.09	2.08	2.09	2.09	2.11	2.10	2.12	2.12	2.14	2.14	2.15	2.15	2.17				
180	2.20	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.19	2.20				