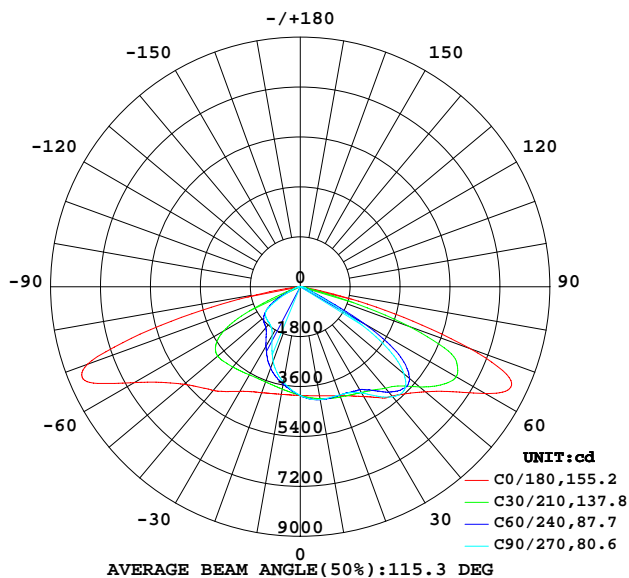
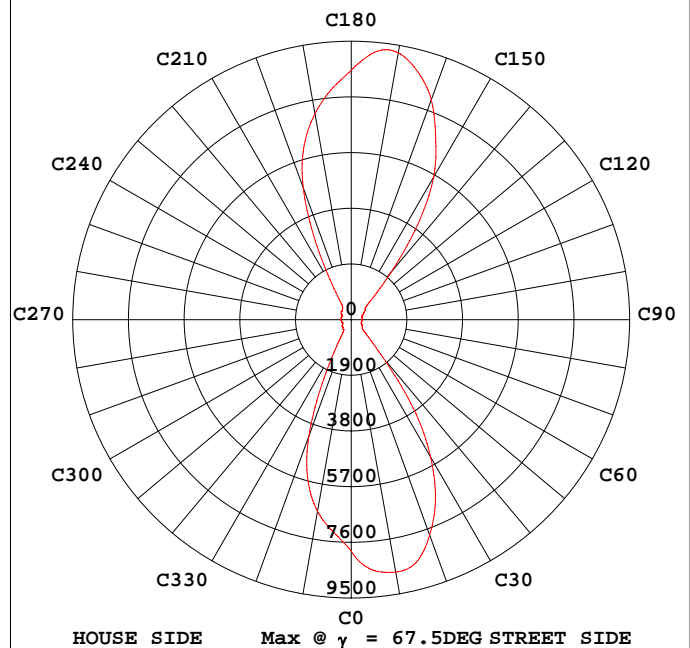


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.52V I:0.4037A P:87.499W PF:0.9785 Freq:50.00Hz Lamp Flux:16807x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094 90w4 000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 192.08 lm/W			
MODEL	90W4000K	I _{max} (cd)	9249	η street_up(%)	0.1
NOMINAL POWER(W)	90	LOR(%)	100.0	η street_down(%)	60.9
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	16807	η house_up(%)	0.2
NOMINAL FLUX(lm)	16807	MAXIMUM @(C,γ)	170,67.5	η house_down(%)	38.9
LAMPS INSIDE	1	η up(%)	0.3	76 FLASHAREA(m2)	0.00100
TEST VOLTAGE(V)	220	η down(%)	99.7	SLI	19.948

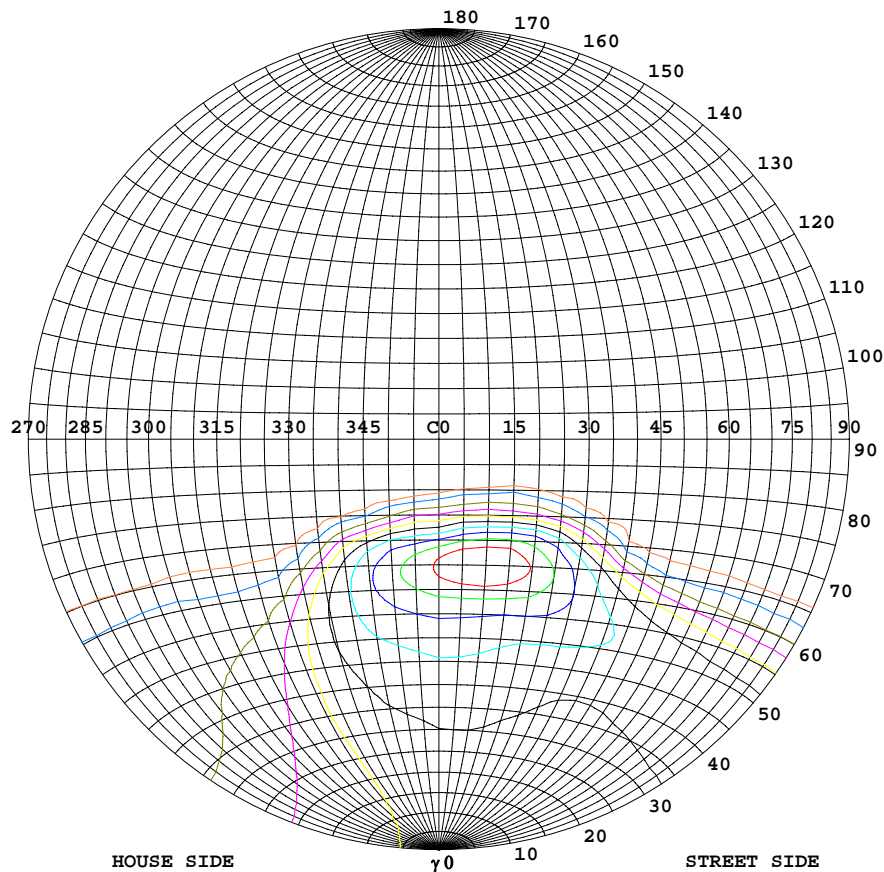
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-18

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:221.52V I:0.4037A P:87.499W PF:0.9785 Freq:50.00Hz Lamp Flux:16807x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094 90w4 000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



Classification:

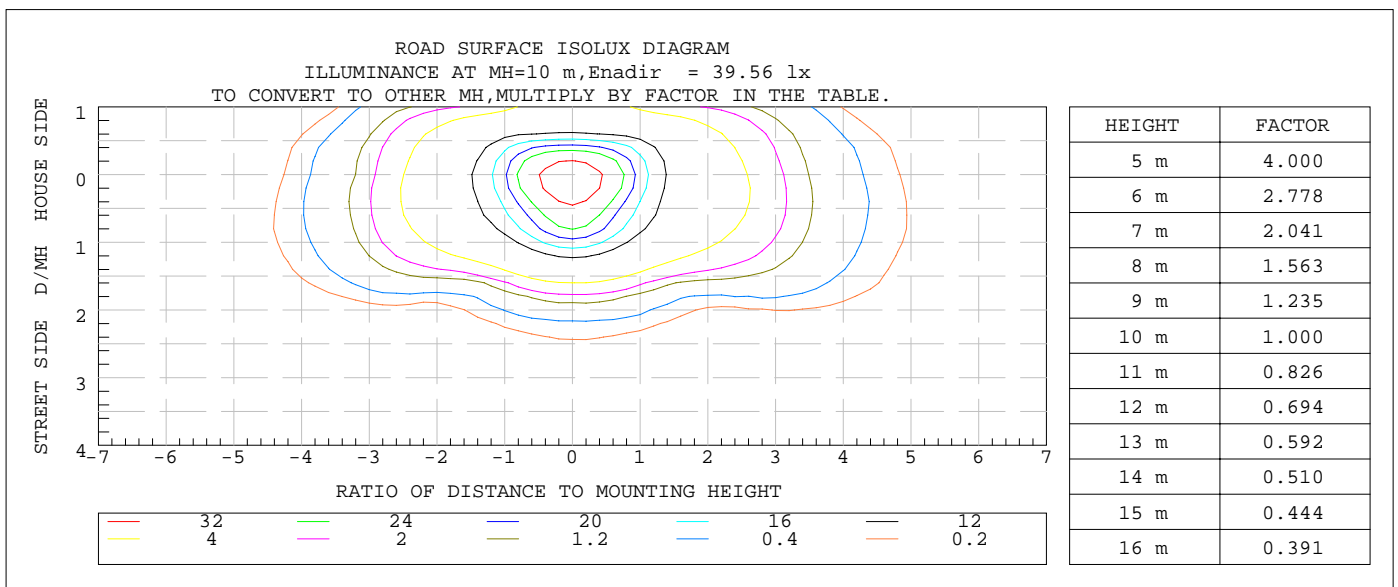
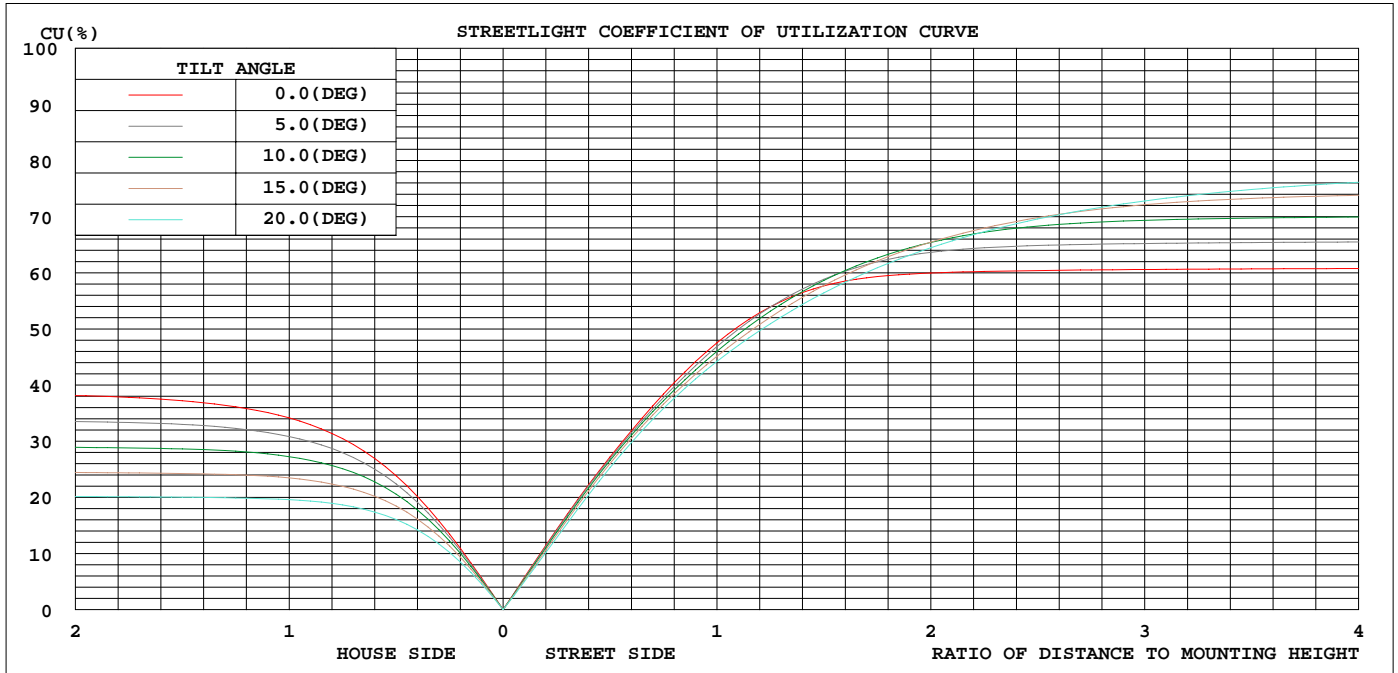
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:110.7cd/klm
Max.At90:0.1962cd/klm
Max.80-90:110.7cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	9249
90%	8324
80%	7399
70%	6475
60%	5550
50%	4625
40%	3700
30%	2775
20%	1850
10%	925
5%	462

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-18

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: MEDIUM
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-18

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:221.52V I:0.4037A P:87.499W PF:0.9785 Freq:50.00Hz Lamp Flux:16807x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094 90w4 000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

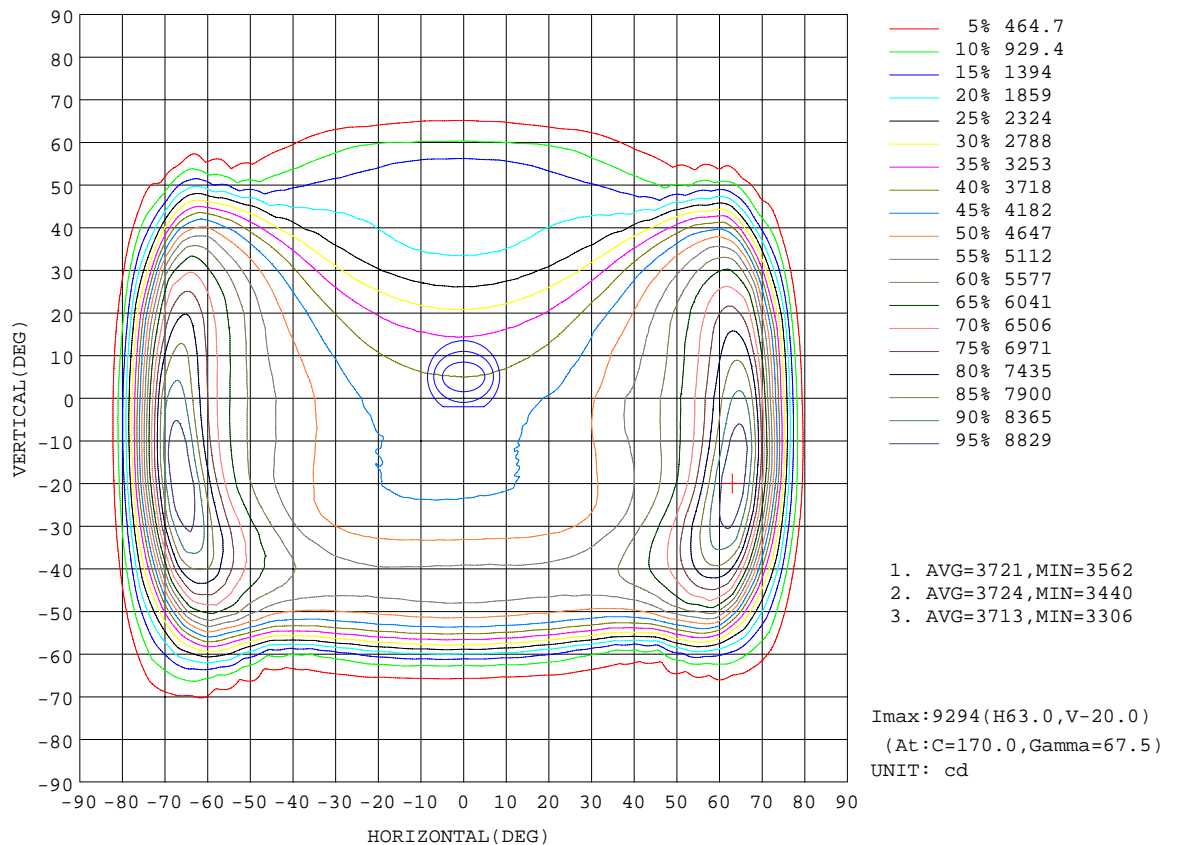
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	3992	4121	4128	4107	3940	3652	3496	3699	0- 10	372.7	372.7	2.22,2.22
20	4180	4189	4153	4152	4068	3389	2863	3453	10- 20	1090	1463	8.7,8.7
30	4574	4284	4423	4237	4358	3068	2035	3172	20- 30	1745	3208	19.1,19.1
40	5147	4700	5174	4603	4883	2620	1733	2709	30- 40	2425	5632	33.5,33.5
50	5895	5417	4875	5337	5474	2100	1638	2052	40- 50	3180	8812	52.4,52.4
60	7696	4322	1829	4459	6923	1290	966.3	1148	50- 60	3621	12433	74,74
70	6492	409.8	299.4	485.4	8158	299.5	274.9	291.3	60- 70	3027	15460	92,92
80	301.2	131.8	100.6	163.0	1309	100.3	94.23	90.25	70- 80	1219	16679	99.2,99.2
90	2.040	0.4356	0.3884	0.5469	3.298	0.5786	0.3677	0.5471	80- 90	84.41	16763	99.7,99.7
100	8.081	0.7228	0.5441	0.7482	7.643	2.203	0.7795	2.488	90-100	1.919	16765	99.8,99.7
110	12.95	2.064	1.404	2.047	13.43	6.744	3.109	6.671	100-110	4.773	16770	99.8,99.8
120	14.33	4.214	2.759	4.344	14.84	10.49	7.525	10.31	110-120	7.378	16777	99.8,99.8
130	12.62	6.044	3.965	6.180	12.93	11.43	11.44	12.07	120-130	8.242	16785	99.9,99.9
140	10.83	7.196	4.860	7.031	10.98	11.28	11.95	11.59	130-140	7.367	16793	99.9,99.9
150	10.09	8.021	6.085	7.777	10.11	10.83	11.23	10.93	140-150	5.903	16799	100,100
160	9.968	8.724	7.639	8.588	10.07	10.55	10.91	10.59	150-160	4.399	16803	100,100
170	10.22	9.664	9.257	9.619	10.40	10.55	10.74	10.56	160-170	2.792	16806	100,100
180	10.70	10.43	10.59	10.45	10.76	10.51	10.60	10.53	170-180	0.9817	16807	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-18

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

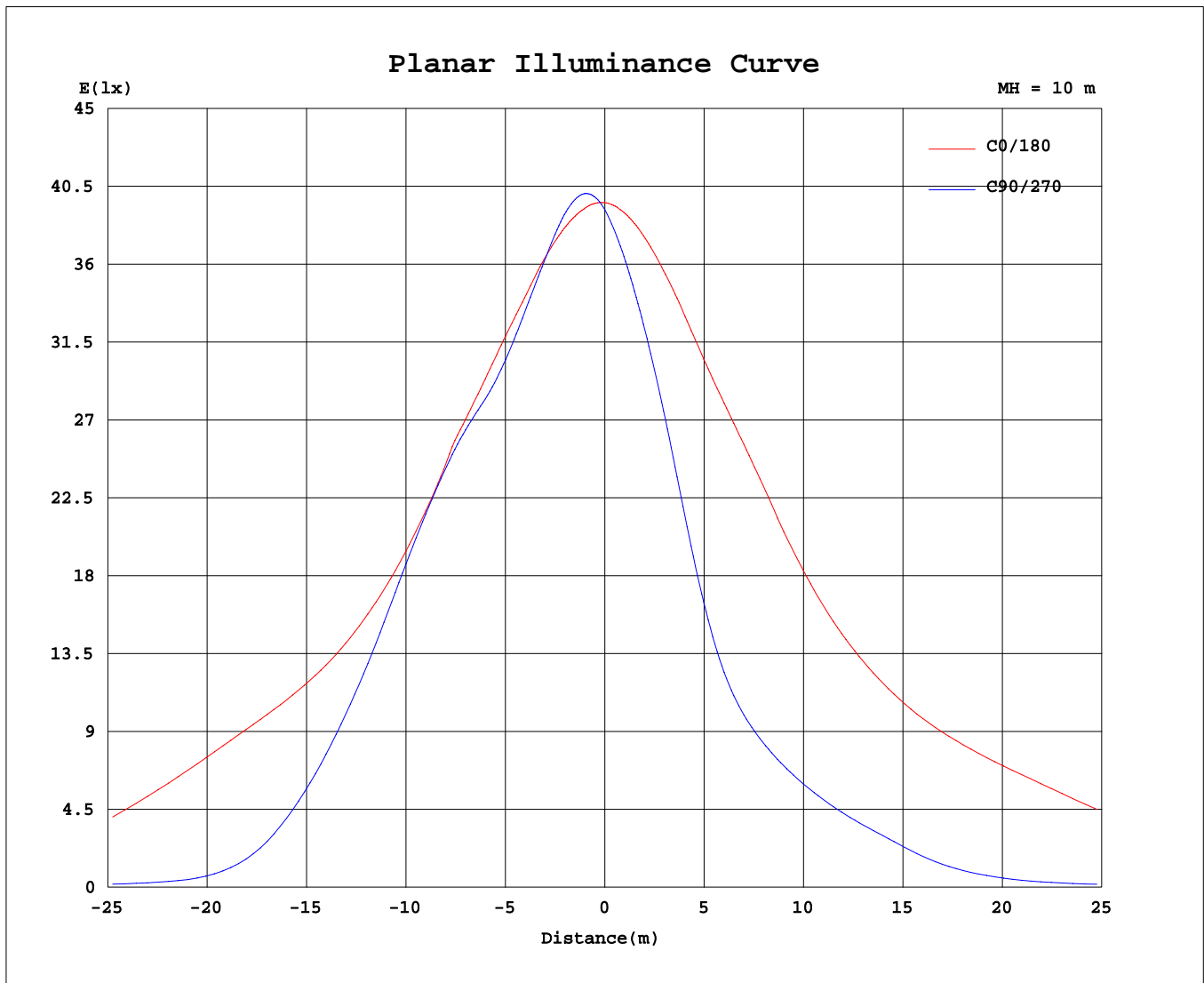
Test:U:221.52V I:0.4037A P:87.499W PF:0.9785 Freq:50.00Hz Lamp Flux:16807x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094 90w4 000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-18

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



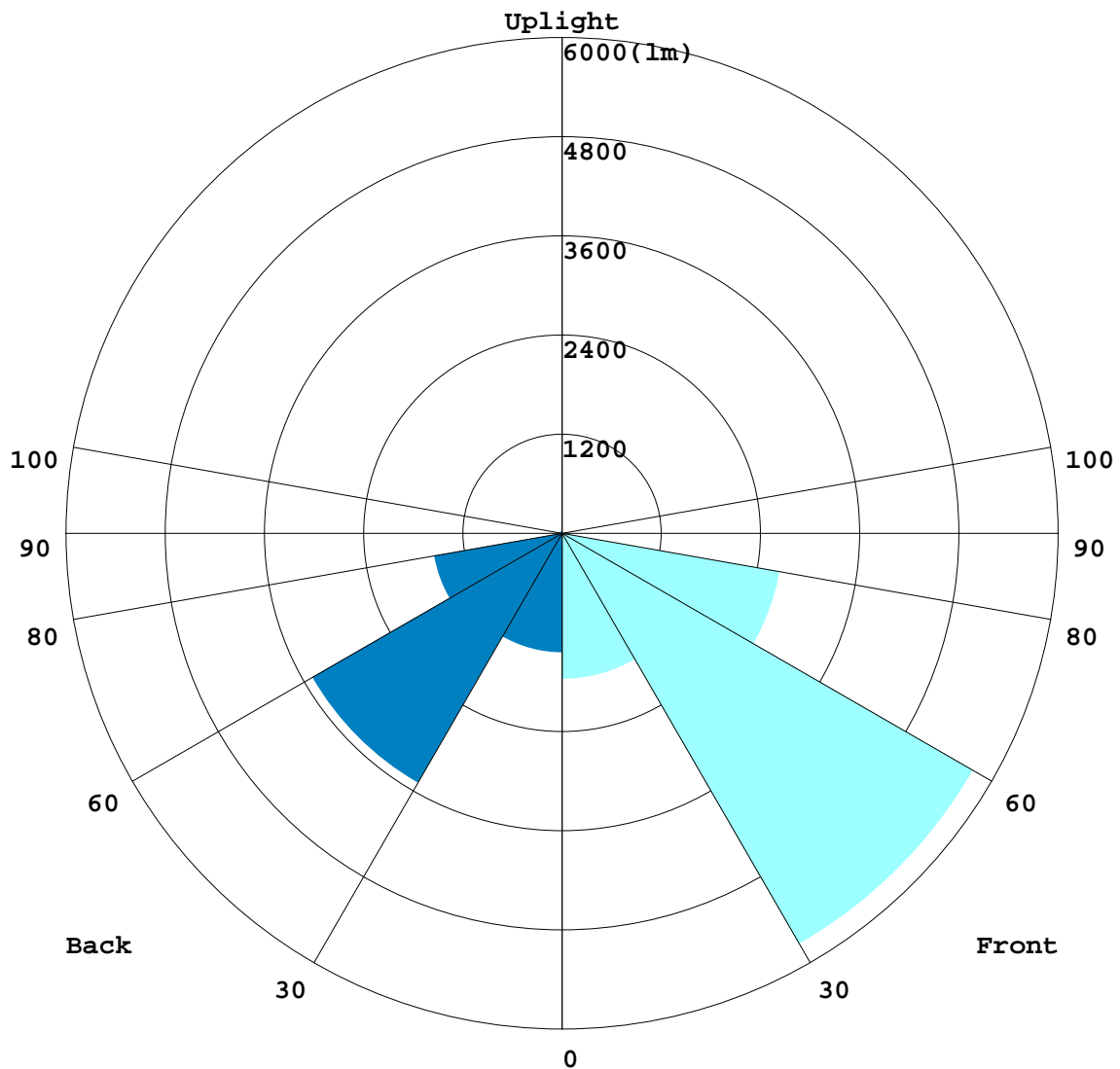
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-18

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:221.52V I:0.4037A P:87.499W PF:0.9785 Freq:50.00Hz Lamp Flux:16807x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094 90w4 000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-18

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:221.52V I:0.4037A P:87.499W PF:0.9785 Freq:50.00Hz Lamp Flux:16807x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094 90w4 000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	1763.7	10.5
FM - Front-Medium(30-60)	5739.1	34.1
FH - Front-High(60-80)	2673.9	15.9
FVH - Front-Very High(80-90)	56.363	0.3
Total Forward Light	10250	61.0

BL - Back-Low(0-30)	1443.9	8.6
BM - Back-Medium(30-60)	3486.4	20.7
BH - Back-High(60-80)	1571.7	9.4
BVH - Back-Very High(80-90)	28.049	0.2
Total Back Light	6556.8	39.0

UL - Uplight-Low(90-100)	1.9191	0.0
UH - Uplight-High(100-180)	41.836	0.2
Total Up Light	43.755	0.3

BUG(Back,Up,Glare) Rating	B3-U2-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6530	26.761	6556.8
Street Side	10233	16.994	10250

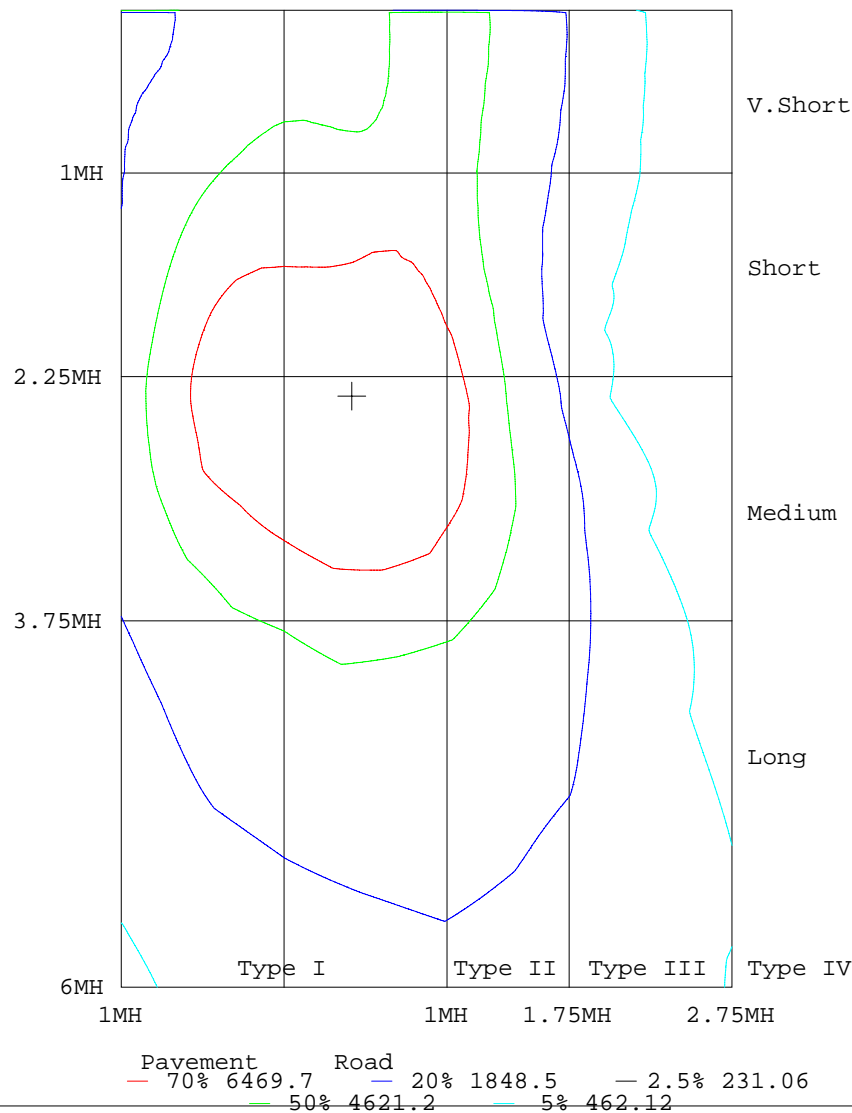
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-18

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:221.52V I:0.4037A P:87.499W PF:0.9785 Freq:50.00Hz Lamp Flux:16807x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094 90w4 000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: MEDIUM
 Temperature: 25.0°C
 Operators: yangbin
 Test Date: 2023-11-18

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:221.52V I:0.4037A P:87.499W PF:0.9785 Freq:50.00Hz Lamp Flux:16807x1 lm																		
NAME: Skylite									TYPE: LED					WEIGHT: 3				
SPEC.: AL6740094 90w4 000K No glass									DIM.: 48*27*10					SERIAL No.: 001				
MFR.: Americanlite									SUR.: 23*19					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	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922
5	3945	3958	3971	3983	3992	4006	4015	4032	4020	4039	4036	4045	4065	4071	4060	4054	4061	4063	4061
10	3992	4015	4036	4055	4072	4085	4095	4107	4099	4121	4115	4130	4140	4129	4137	4126	4127	4132	4128
15	4071	4101	4124	4140	4155	4161	4165	4173	4154	4166	4168	4171	4163	4166	4166	4135	4140	4144	4139
20	4180	4211	4234	4243	4247	4242	4231	4227	4191	4189	4186	4173	4163	4164	4155	4150	4150	4155	4153
25	4344	4372	4383	4374	4357	4331	4304	4276	4231	4223	4209	4204	4204	4207	4215	4213	4215	4221	4221
30	4574	4592	4589	4554	4511	4456	4404	4361	4296	4284	4279	4270	4283	4311	4362	4373	4404	4415	4423
35	4877	4884	4862	4794	4722	4635	4557	4483	4415	4405	4432	4484	4569	4632	4706	4748	4785	4806	4816
40	5147	5150	5117	5042	4962	4872	4776	4709	4670	4700	4799	4865	4963	5018	5088	5104	5149	5167	5174
45	5448	5442	5387	5285	5196	5106	5062	5071	5102	5140	5159	5189	5211	5241	5264	5256	5276	5295	5292
50	5895	5873	5795	5671	5614	5600	5620	5587	5481	5417	5350	5252	5148	5084	4962	4934	4887	4899	4875
55	6592	6567	6511	6429	6471	6379	6177	5940	5614	5264	4914	4670	4420	4246	4077	3952	3824	3828	3781
60	7696	7894	8006	7881	7645	7108	6488	5793	5027	4322	3631	3132	2649	2396	2126	2032	1883	1884	1829
65	8403	9034	9230	8837	8250	7264	6174	4909	3209	1936	1025	867	745	754	641	626	522	521	515
70	6492	7188	7561	7480	6997	5983	4158	2271	596	410	347	319	302	280	271	280	291	300	299
75	2838	3437	3553	3425	3014	2125	1004	387	296	256	216	199	185	177	167	173	177	184	183
80	301	535	606	773	505	301	245	198	160	132	115	108	106	106	101	105	103	105	101
85	27.0	34.9	58.8	86.4	80.6	85.8	68.4	56.8	40.8	37.3	39.5	40.0	36.6	36.7	31.7	32.6	30.0	23.2	13.2
90	2.04	1.69	1.37	1.04	0.75	0.58	0.55	0.43	0.45	0.44	0.43	0.39	0.45	0.39	0.42	0.37	0.42	0.38	0.39
95	4.70	3.98	3.33	2.52	1.88	1.28	0.79	0.61	0.46	0.50	0.45	0.48	0.43	0.45	0.44	0.44	0.39	0.45	0.36
100	8.08	7.08	6.10	4.77	3.68	2.62	1.79	1.20	0.77	0.72	0.62	0.67	0.57	0.64	0.54	0.61	0.54	0.62	0.54
105	11.0	10.0	8.78	7.21	5.77	4.35	3.17	2.26	1.55	1.23	1.02	1.04	0.94	1.00	0.91	0.97	0.87	0.94	0.87
110	13.0	12.1	10.7	9.11	7.56	6.04	4.72	3.55	2.62	2.06	1.70	1.65	1.50	1.52	1.46	1.48	1.43	1.45	1.40
115	14.1	13.3	12.1	10.6	9.05	7.55	6.19	4.98	3.88	3.10	2.57	2.37	2.20	2.19	2.11	2.12	2.05	2.11	2.03
120	14.3	13.7	12.8	11.6	10.2	8.85	7.49	6.23	5.05	4.21	3.51	3.18	2.93	2.90	2.81	2.82	2.75	2.82	2.76
125	13.7	13.3	12.7	11.7	10.7	9.59	8.33	7.20	6.03	5.21	4.48	4.08	3.74	3.62	3.47	3.49	3.39	3.47	3.39
130	12.6	12.3	11.9	11.2	10.6	9.57	8.67	7.83	6.77	6.04	5.30	4.87	4.46	4.31	4.12	4.10	3.98	4.04	3.96
135	11.6	11.3	11.1	10.6	10.2	9.47	8.79	8.17	7.32	6.69	5.99	5.55	5.08	4.87	4.60	4.55	4.40	4.46	4.37
140	10.8	10.6	10.5	10.1	9.95	9.38	8.87	8.40	7.67	7.20	6.55	6.15	5.67	5.44	5.13	5.03	4.87	4.91	4.86
145	10.3	10.1	10.1	9.88	9.76	9.39	8.92	8.58	7.99	7.61	7.07	6.73	6.27	6.05	5.72	5.61	5.44	5.46	5.38
150	10.1	9.98	10.0	9.87	9.74	9.45	9.04	8.79	8.31	8.02	7.55	7.28	6.86	6.68	6.39	6.28	6.14	6.16	6.09
155	9.97	9.96	9.99	9.89	9.73	9.53	9.20	9.03	8.57	8.36	7.97	7.80	7.46	7.36	7.11	7.05	6.90	6.93	6.87
160	9.97	10.0	10.0	10.00	9.75	9.63	9.37	9.25	8.84	8.72	8.44	8.36	8.09	8.04	7.85	7.81	7.67	7.73	7.64
165	9.99	10.1	10.1	10.1	9.87	9.82	9.56	9.48	9.19	9.18	8.95	8.94	8.73	8.74	8.60	8.60	8.48	8.54	8.43
170	10.2	10.4	10.3	10.3	10.1	10.0	9.84	9.85	9.64	9.66	9.51	9.55	9.42	9.48	9.36	9.38	9.25	9.36	9.26
175	10.5	10.7	10.4	10.4	10.2	10.2	10.1	10.2	10.0	10.1	10.0	10.1	10.0	10.1	9.99	10.1	9.94	10.1	9.94
180	10.7	10.7	10.5	10.5	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-18

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:221.52V I:0.4037A P:87.499W PF:0.9785 Freq:50.00Hz Lamp Flux:16807x1 lm																		
NAME: Skylite									TYPE: LED					WEIGHT: 3				
SPEC.: AL6740094 90w4 000K No glass									DIM.: 48*27*10					SERIAL No.: 001				
MFR.: Americanlite									SUR.: 23*19					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	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922
5	4062	4059	4058	4053	4036	4043	4054	4029	4039	3999	3999	3998	3987	3971	3970	3952	3935	3919	3906
10	4130	4124	4127	4122	4108	4118	4111	4095	4107	4083	4065	4069	4050	4027	4024	3994	3969	3940	3914
15	4142	4137	4140	4138	4127	4141	4147	4125	4148	4125	4108	4115	4104	4102	4089	4062	4027	3987	3953
20	4154	4150	4151	4145	4134	4141	4156	4136	4152	4158	4158	4162	4168	4168	4171	4145	4112	4068	4025
25	4217	4210	4203	4192	4173	4176	4174	4162	4170	4183	4195	4210	4233	4244	4260	4258	4228	4177	4127
30	4411	4396	4367	4334	4288	4264	4248	4223	4237	4235	4246	4294	4318	4371	4406	4418	4401	4358	4307
35	4800	4775	4727	4674	4578	4523	4446	4366	4343	4345	4346	4419	4479	4555	4607	4652	4660	4615	4555
40	5164	5140	5101	5052	4969	4918	4809	4705	4603	4551	4532	4596	4670	4768	4842	4906	4920	4883	4823
45	5299	5285	5277	5252	5222	5205	5152	5095	5024	4951	4879	4859	4870	4952	5051	5125	5156	5127	5071
50	4918	4925	4985	5017	5084	5169	5254	5276	5337	5354	5370	5361	5304	5300	5359	5432	5489	5474	5432
55	3861	3897	4048	4149	4340	4529	4762	4990	5271	5516	5723	5892	6001	5965	5892	5967	6030	6022	5998
60	1928	1974	2173	2317	2624	2930	3411	3869	4459	5031	5657	6195	6629	6942	7016	6992	6996	6923	6802
65	576	551	678	713	851	890	1045	1413	2380	3495	4892	5926	6943	7882	8426	8828	8702	8221	7809
70	304	300	296	294	302	330	369	408	485	883	2592	4559	6319	7488	8455	8842	8783	8158	7308
75	187	184	183	181	190	208	228	249	298	348	604	1765	3427	4806	5530	5590	5544	4822	4432
80	106	110	113	109	116	120	127	134	163	205	256	327	794	1301	1666	1861	1579	1309	929
85	25.5	33.8	38.6	39.0	46.2	49.6	54.9	57.8	59.6	70.4	102	135	162	189	198	204	86.7	71.0	68.6
90	0.47	0.49	0.49	0.55	0.61	0.58	0.53	0.62	0.55	0.67	0.76	0.78	0.86	1.04	1.20	1.38	1.46	3.30	2.35
95	0.45	0.40	0.46	0.44	0.48	0.49	0.52	0.52	0.56	0.61	0.64	0.80	1.14	1.60	2.08	2.57	2.95	4.24	4.73
100	0.61	0.54	0.62	0.54	0.64	0.58	0.69	0.63	0.75	0.79	1.18	1.80	2.57	3.52	4.37	5.31	5.99	7.64	8.28
105	0.94	0.87	0.94	0.89	0.99	0.93	1.03	0.99	1.19	1.55	2.35	3.39	4.61	5.98	7.17	8.47	9.39	11.0	11.7
110	1.45	1.41	1.48	1.45	1.50	1.48	1.59	1.65	2.05	2.72	3.78	5.17	6.63	8.16	9.54	10.9	11.9	13.4	13.9
115	2.11	2.05	2.12	2.05	2.14	2.14	2.29	2.52	3.15	4.08	5.30	6.71	8.17	9.59	11.0	12.2	13.2	14.7	15.0
120	2.81	2.75	2.81	2.76	2.83	2.86	3.13	3.51	4.34	5.34	6.59	7.80	9.05	10.2	11.3	12.5	13.4	14.8	15.2
125	3.46	3.39	3.47	3.43	3.53	3.63	4.05	4.55	5.41	6.28	7.29	8.18	9.08	10.2	11.1	12.4	13.1	14.1	14.4
130	4.05	3.96	4.05	4.02	4.23	4.39	4.89	5.39	6.18	6.82	7.58	8.22	9.10	10.1	10.9	11.9	12.6	12.9	13.1
135	4.48	4.41	4.54	4.57	4.82	5.09	5.59	6.01	6.66	7.13	7.79	8.37	9.15	10.01	10.7	11.5	11.9	11.8	12.0
140	4.94	4.90	5.07	5.16	5.43	5.70	6.18	6.51	7.03	7.42	8.01	8.52	9.20	9.89	10.4	10.9	11.2	11.0	11.2
145	5.51	5.51	5.68	5.78	6.04	6.27	6.69	6.92	7.39	7.69	8.22	8.66	9.22	9.77	10.1	10.5	10.7	10.4	10.6
150	6.19	6.20	6.37	6.42	6.66	6.82	7.17	7.35	7.78	8.03	8.49	8.80	9.27	9.69	9.92	10.3	10.4	10.1	10.3
155	6.96	6.92	7.07	7.06	7.23	7.33	7.63	7.76	8.15	8.31	8.72	8.96	9.33	9.68	9.88	10.1	10.2	10.1	10.2
160	7.72	7.65	7.77	7.75	7.88	7.94	8.19	8.25	8.59	8.70	8.99	9.13	9.44	9.69	9.89	10.1	10.2	10.1	10.1
165	8.53	8.45	8.55	8.54	8.63	8.65	8.82	8.84	9.09	9.11	9.34	9.42	9.62	9.74	9.95	10.1	10.2	10.2	10.1
170	9.36	9.25	9.36	9.29	9.37	9.34	9.49	9.43	9.62	9.57	9.74	9.73	9.88	9.91	10.1	10.1	10.4	10.4	10.2
175	10.1	9.94	10.0	9.94	10.0	9.93	10.1	9.96	10.1	10.0	10.2	10.1	10.2	10.2	10.4	10.3	10.6	10.7	10.5
180	10.6	10.6	10.6	10.6	10.5	10.4	10.5	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.6	10.6	10.6	10.8	10.6

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-18

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:221.52V I:0.4037A P:87.499W PF:0.9785 Freq:50.00Hz Lamp Flux:16807x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740094 90w4 000K No glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	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	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922
5	3888	3874	3859	3843	3826	3818	3800	3791	3778	3763	3755	3749	3745	3721	3726	3724	3725	3726	3731
10	3881	3852	3819	3786	3750	3720	3669	3652	3627	3594	3577	3553	3532	3503	3498	3494	3496	3498	3510
15	3904	3858	3804	3748	3691	3637	3565	3505	3464	3418	3373	3321	3291	3247	3235	3221	3224	3229	3250
20	3961	3898	3823	3744	3655	3575	3473	3389	3300	3209	3125	3044	2986	2917	2888	2863	2863	2870	2905
25	4052	3975	3875	3769	3647	3528	3372	3246	3089	2951	2818	2697	2608	2507	2465	2428	2426	2435	2481
30	4218	4119	3987	3843	3672	3481	3271	3068	2855	2649	2477	2324	2216	2120	2073	2037	2035	2044	2086
35	4445	4322	4156	3963	3721	3459	3142	2846	2577	2331	2151	2003	1925	1859	1834	1818	1815	1823	1844
40	4700	4559	4365	4112	3780	3396	2993	2620	2311	2079	1939	1849	1802	1759	1743	1735	1733	1741	1754
45	4958	4822	4598	4281	3848	3340	2809	2364	2089	1941	1844	1774	1733	1703	1694	1692	1690	1695	1701
50	5327	5182	4896	4465	3889	3184	2498	2100	1916	1797	1719	1670	1649	1632	1634	1637	1638	1635	1631
55	5867	5623	5186	4558	3726	2751	2052	1783	1647	1549	1503	1481	1478	1479	1493	1490	1492	1481	1481
60	6525	6076	5363	4406	3187	1914	1475	1290	1197	1151	1152	1134	1113	1032	1001	963	966	954	982
65	7197	6300	5212	3641	1851	895	747	663	666	658	643	558	517	491	487	473	474	466	474
70	6626	5517	3817	1548	444	335	324	299	303	283	248	240	244	253	268	271	275	266	260
75	3400	2174	1178	305	220	213	189	174	176	169	162	155	157	156	160	160	162	160	159
80	481	216	161	132	122	115	100	100	106	103	102	102	103	103	101	94.6	94.2	95.3	98.9
85	69.4	58.9	54.4	43.6	38.6	35.1	33.3	33.0	35.5	35.4	38.1	35.0	34.5	29.9	27.7	22.7	23.5	21.2	24.6
90	2.40	2.59	2.04	1.94	1.31	0.98	0.87	0.58	0.48	0.53	0.48	0.46	0.39	0.47	0.45	0.41	0.37	0.39	0.39
95	4.69	4.69	4.21	3.66	2.86	2.14	1.39	0.86	0.66	0.52	0.56	0.45	0.53	0.45	0.50	0.43	0.50	0.42	0.52
100	8.24	8.13	7.40	6.63	5.46	4.40	3.16	2.20	1.48	1.04	0.96	0.83	0.85	0.73	0.79	0.71	0.78	0.71	0.81
105	11.6	11.3	10.5	9.51	8.24	6.99	5.56	4.39	3.27	2.56	2.12	1.88	1.75	1.64	1.60	1.54	1.58	1.57	1.64
110	13.8	13.4	12.7	11.6	10.4	9.23	7.87	6.74	5.60	4.77	4.10	3.73	3.44	3.30	3.16	3.14	3.11	3.17	3.21
115	15.0	14.5	13.9	13.0	12.1	11.1	9.92	8.88	7.81	7.02	6.35	5.96	5.64	5.47	5.31	5.30	5.23	5.31	5.34
120	15.1	14.8	14.2	13.5	12.7	12.0	11.3	10.5	9.74	9.07	8.50	8.18	7.91	7.76	7.59	7.62	7.53	7.59	7.57
125	14.3	14.1	13.7	13.2	12.5	12.1	11.6	11.3	11.0	10.6	10.4	10.2	10.0	9.90	9.81	9.84	9.77	9.80	9.76
130	13.0	12.9	12.7	12.5	12.1	11.9	11.5	11.4	11.4	11.3	11.4	11.3	11.4	11.3	11.4	11.4	11.4	11.4	11.4
135	11.9	12.0	11.9	11.8	11.6	11.6	11.3	11.4	11.3	11.4	11.5	11.6	11.7	11.8	11.9	12.0	12.0	12.0	12.0
140	11.1	11.2	11.2	11.3	11.2	11.3	11.1	11.3	11.2	11.4	11.3	11.6	11.6	11.8	11.8	12.1	12.0	12.1	11.9
145	10.5	10.7	10.7	10.8	10.8	11.0	10.9	11.1	11.0	11.2	11.2	11.4	11.4	11.5	11.5	11.7	11.6	11.7	11.5
150	10.2	10.4	10.4	10.5	10.5	10.7	10.6	10.8	10.8	11.0	11.0	11.2	11.2	11.3	11.2	11.4	11.2	11.3	11.1
155	10.1	10.3	10.3	10.4	10.4	10.5	10.5	10.6	10.6	10.9	10.9	11.0	11.0	11.1	11.0	11.2	11.0	11.1	11.0
160	10.1	10.2	10.3	10.3	10.4	10.4	10.5	10.6	10.6	10.7	10.7	10.9	10.9	11.0	10.9	11.0	10.9	11.0	10.8
165	10.2	10.2	10.3	10.3	10.4	10.5	10.5	10.6	10.6	10.7	10.7	10.8	10.8	10.9	10.8	10.9	10.8	10.9	10.8
170	10.3	10.3	10.5	10.3	10.5	10.5	10.5	10.6	10.6	10.7	10.6	10.8	10.7	10.8	10.7	10.8	10.7	10.8	10.7
175	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.7	10.6	10.7	10.7	10.8	10.7	10.8	10.7	10.8	10.7
180	10.6	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-18

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:221.52V I:0.4037A P:87.499W PF:0.9785 Freq:50.00Hz Lamp Flux:16807x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 3		
SPEC.: AL6740094 90w4 000K No glass									DIM.: 48*27*10						SERIAL No.: 001		
MFR.: Americanlite									SUR.: 23*19						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	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922	3922				
5	3738	3744	3740	3762	3779	3784	3809	3815	3817	3846	3860	3881	3911	3917	3929				
10	3524	3544	3551	3592	3631	3644	3699	3714	3745	3792	3827	3866	3915	3937	3964				
15	3275	3312	3340	3407	3463	3504	3585	3630	3694	3760	3816	3880	3949	3995	4032				
20	2947	3013	3076	3175	3265	3350	3453	3558	3651	3764	3845	3928	4023	4080	4137				
25	2536	2631	2723	2869	3015	3164	3330	3486	3626	3778	3912	4027	4140	4226	4291				
30	2143	2241	2351	2524	2719	2931	3172	3404	3626	3839	4034	4183	4327	4436	4521				
35	1880	1943	2029	2192	2400	2654	2960	3290	3619	3931	4190	4399	4594	4714	4820				
40	1780	1819	1872	1967	2113	2354	2709	3138	3574	3994	4362	4629	4854	4991	5092				
45	1717	1744	1777	1852	1945	2091	2393	2908	3508	4073	4525	4882	5135	5289	5395				
50	1631	1641	1659	1704	1768	1873	2052	2513	3270	4054	4691	5172	5527	5702	5838				
55	1464	1454	1437	1450	1478	1555	1675	1916	2731	3798	4705	5410	5952	6273	6488				
60	1003	1066	1076	1079	1060	1083	1148	1287	1696	3083	4432	5489	6358	6947	7370				
65	469	481	507	572	579	577	574	639	712	1546	3313	4995	6221	7085	7783				
70	240	231	231	247	274	286	291	320	339	431	1210	3048	4406	5626	6057				
75	153	152	151	157	166	173	172	189	204	230	291	430	855	1738	2652				
80	98.5	98.1	95.5	95.4	96.2	98.5	90.3	88.5	93.4	105	128	171	195	214	253				
85	25.0	27.5	25.8	26.5	23.1	23.3	20.3	20.3	19.6	22.4	23.4	29.8	30.9	36.8	33.4				
90	0.41	0.39	0.42	0.42	0.46	0.50	0.55	0.75	1.16	1.60	2.14	2.58	2.99	3.06	3.12				
95	0.45	0.53	0.46	0.58	0.55	0.76	1.08	1.74	2.57	3.46	4.49	5.27	6.07	6.27	6.48				
100	0.78	0.89	0.89	1.06	1.26	1.74	2.49	3.46	4.70	5.89	7.22	8.32	9.41	9.88	10.2				
105	1.71	1.84	2.02	2.30	2.79	3.48	4.51	5.61	6.90	8.23	9.59	10.9	12.1	12.8	13.2				
110	3.37	3.54	3.88	4.27	4.90	5.63	6.67	7.71	8.90	10.1	11.4	12.7	13.8	14.6	14.8				
115	5.53	5.69	6.02	6.41	7.04	7.71	8.61	9.57	10.7	11.9	13.0	14.1	14.8	15.2	15.3				
120	7.75	7.87	8.14	8.49	8.99	9.54	10.3	11.2	12.1	13.1	13.7	14.4	14.9	14.9	15.0				
125	9.85	9.96	10.1	10.4	10.7	11.1	11.6	12.2	12.6	13.1	13.5	13.7	14.0	13.8	13.7				
130	11.4	11.4	11.4	11.6	11.7	11.9	12.1	12.2	12.4	12.5	12.6	12.6	12.6	12.5	12.5				
135	11.9	11.9	11.9	11.9	11.9	11.8	12.0	11.8	11.9	11.8	11.9	11.7	11.7	11.5	11.5				
140	11.9	11.7	11.8	11.7	11.7	11.5	11.6	11.4	11.4	11.3	11.3	11.1	11.1	10.8	10.8				
145	11.5	11.3	11.3	11.2	11.3	11.2	11.2	11.0	11.1	10.9	10.9	10.7	10.7	10.4	10.3				
150	11.2	11.0	11.0	10.8	10.9	10.8	10.9	10.7	10.8	10.7	10.7	10.6	10.5	10.3	10.1				
155	11.0	10.8	10.8	10.7	10.8	10.6	10.7	10.6	10.7	10.5	10.6	10.4	10.5	10.3	10.1				
160	10.9	10.7	10.7	10.6	10.7	10.5	10.6	10.5	10.5	10.5	10.5	10.4	10.4	10.3	10.1				
165	10.8	10.6	10.7	10.6	10.6	10.5	10.6	10.5	10.5	10.5	10.4	10.4	10.4	10.3	10.2				
170	10.8	10.6	10.7	10.6	10.6	10.5	10.6	10.5	10.5	10.5	10.4	10.5	10.4	10.4	10.3				
175	10.8	10.6	10.7	10.6	10.6	10.5	10.6	10.5	10.4	10.5	10.4	10.4	10.5	10.5	10.5				
180	10.6	10.6	10.5	10.5	10.6	10.5	10.5	10.5	10.4	10.5	10.4	10.4	10.5	10.6	10.6				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: MEDIUM
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-18

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: