

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:220.50V I:0.4539A P:98.488W PF:0.9840 Freq:50.00Hz
Lamp Flux:18256.8x1 lm

NAME: Skylite

TYPE: LED

WEIGHT: 3

SPEC.: AL6740104G 100w4000K With glass

DIM.: 48*27*10

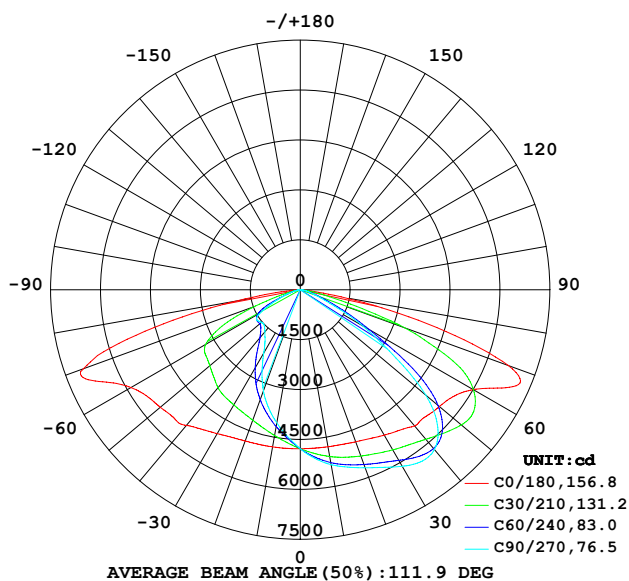
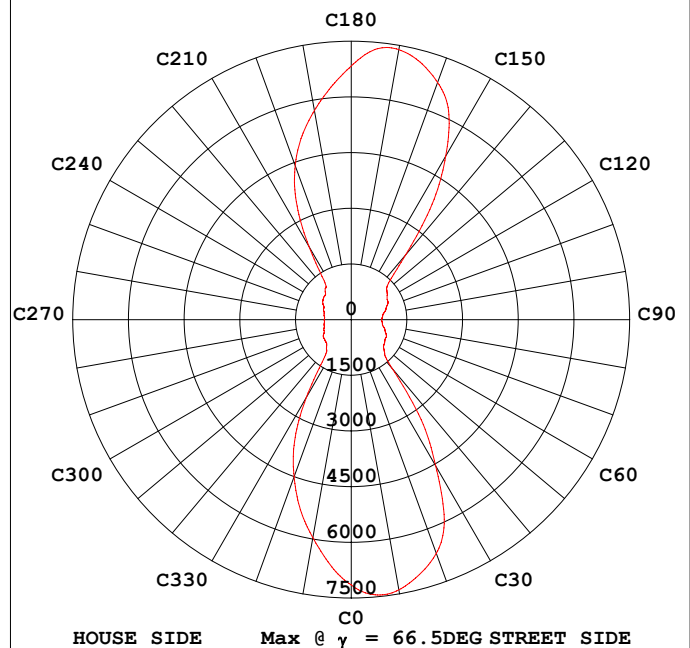
SERIAL No.: 001

MFR.: Americanlite

SUR.: 23*19

Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 185.37 lm/W
MODEL	100W4000K	Imax (cd)	7440	η street_up (%)	0.1	
NOMINAL POWER (W)	100	LOR (%)	100.0	η street_down (%)	61.8	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	18257	η house_up (%)	0.2	
NOMINAL FLUX (lm)	18256.8	MAXIMUM @ (C, γ)	5,66.5	η house_down (%)	37.9	
LAMPS INSIDE	1	η up (%)	0.3	76 FLASHAREA (m2)	0.00100	
TEST VOLTAGE (V)	220	η down (%)	99.7	SLI	21.962	

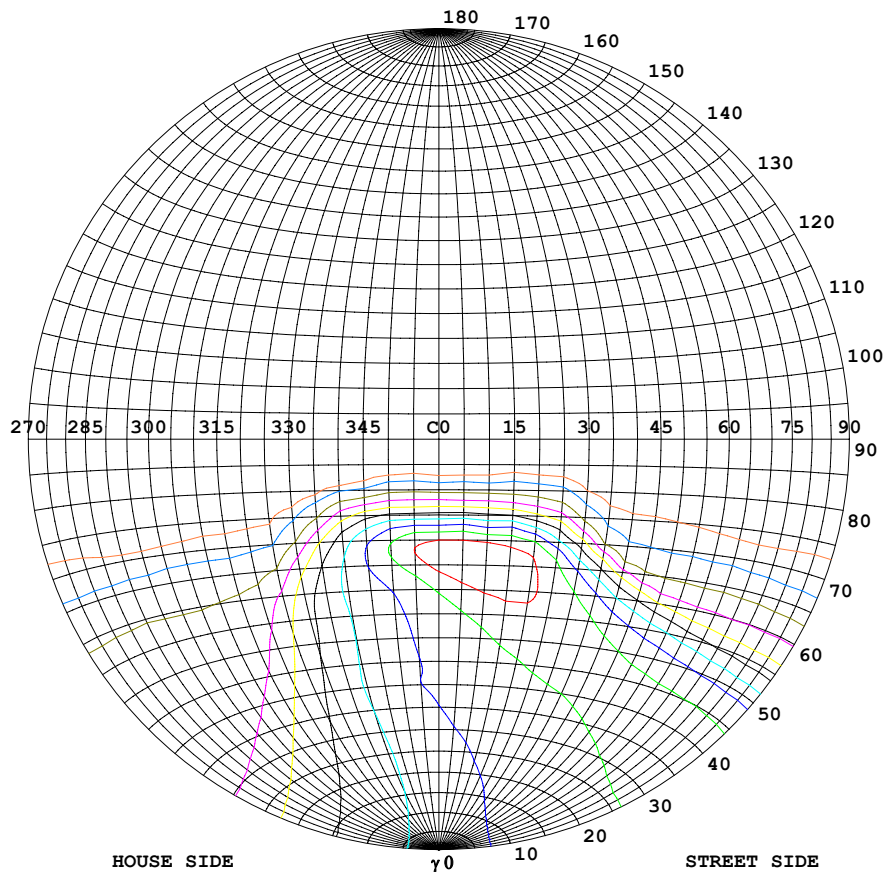
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: zhaojicheng
Test Date: 2024-01-06

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:220.50V I:0.4539A P:98.488W PF:0.9840 Freq:50.00Hz Lamp Flux:18256.8x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740104G 100w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



Classification:

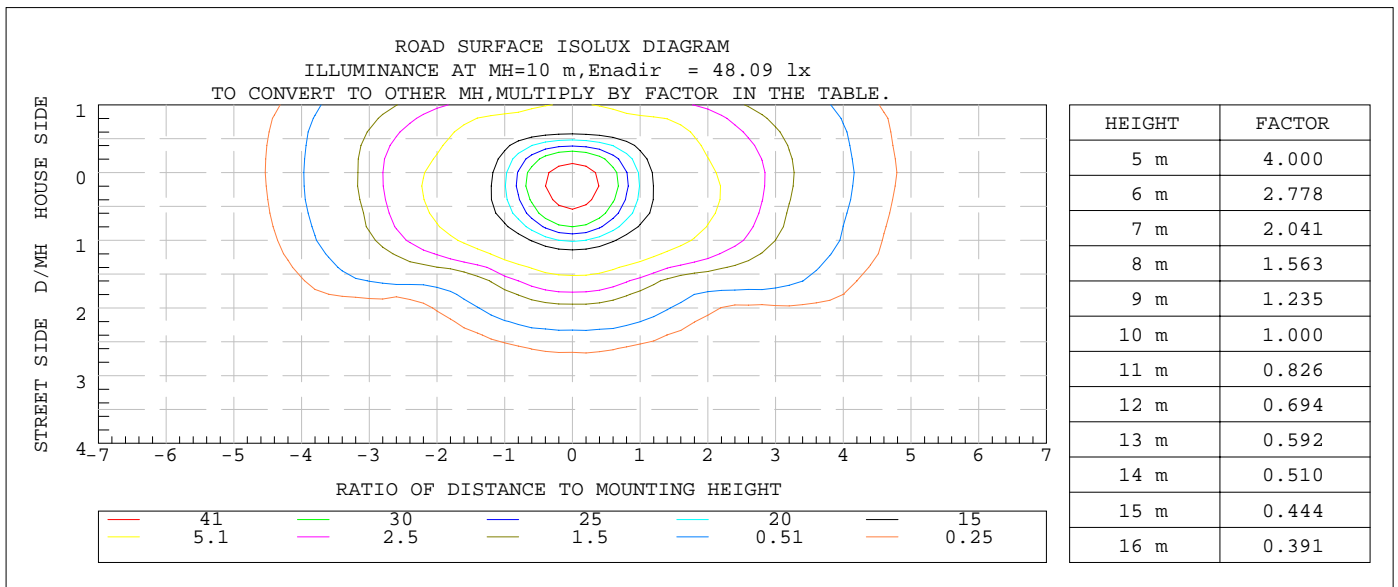
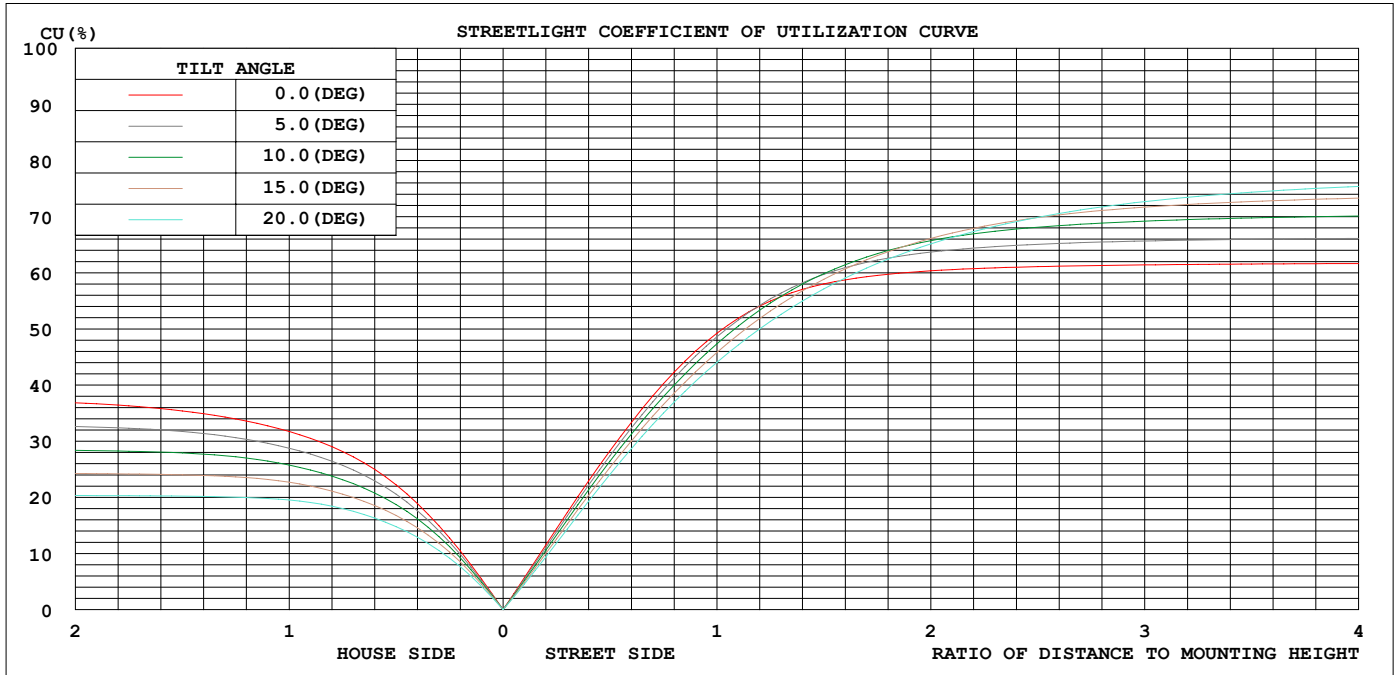
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:105.6cd/klm
Max.At90:0.2817cd/klm
Max.80-90:105.6cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
Imax=100%	7440
90%	6696
80%	5952
70%	5208
60%	4464
50%	3720
40%	2976
30%	2232
20%	1488
10%	744
5%	372

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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



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C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: zhaojicheng
Test Date: 2024-01-06

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:220.50V I:0.4539A P:98.488W PF:0.9840 Freq:50.00Hz Lamp Flux:18256.8x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740104G 100w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:

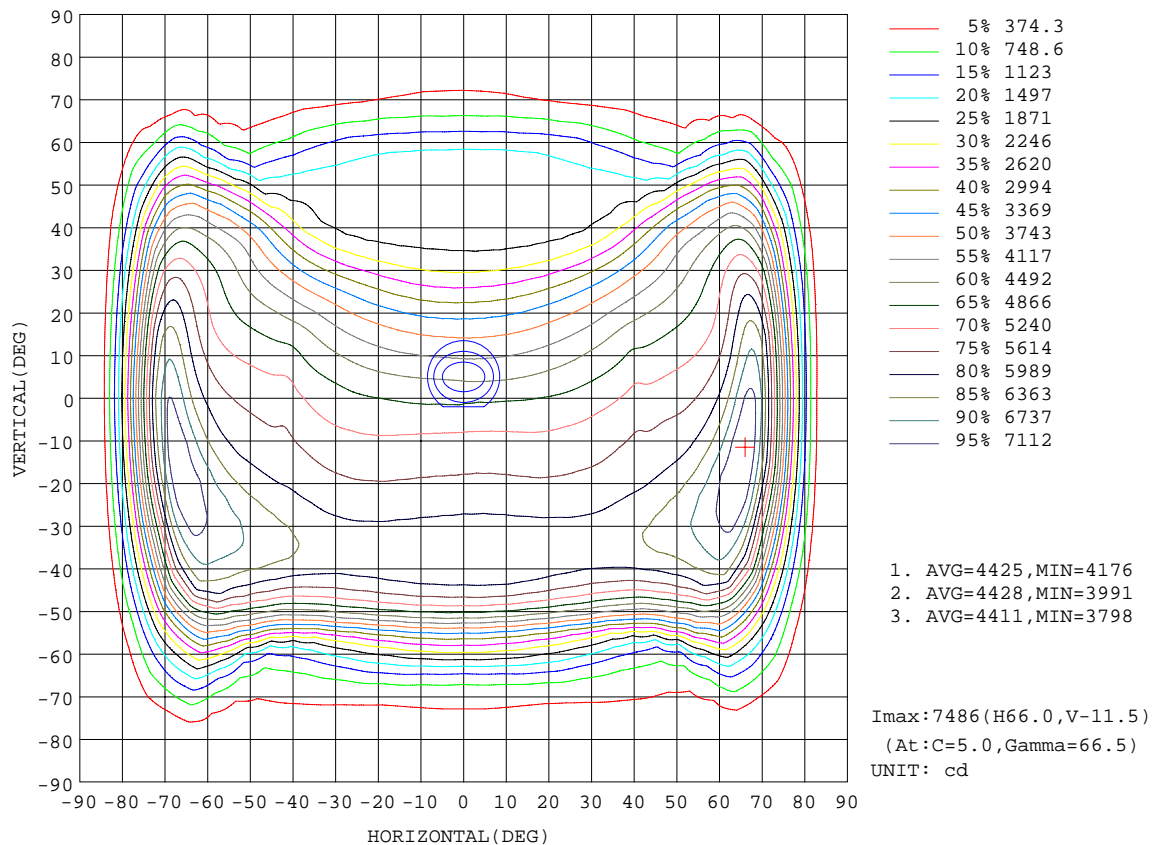
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	lum,lamp
10	4792	5198	5336	5202	4795	4300	4065	4297	0- 10	454.6	454.6	2.49,2.49
20	4863	5471	5694	5480	4838	3828	3239	3857	10- 20	1333	1787	9.79,9.79
30	5046	5729	6126	5726	4993	3340	2200	3388	20- 30	2132	3920	21.5,21.5
40	5344	6090	6268	6101	5322	2650	1658	2719	30- 40	2857	6777	37.1,37.1
50	5458	5952	4921	6101	5492	1906	1525	1975	40- 50	3425	10202	55.9,55.9
60	6005	3768	2159	4161	5878	1623	1368	1588	50- 60	3517	13719	75.1,75.1
70	6642	755.4	516.8	841.7	6922	572.5	490.7	545.7	60- 70	2911	16630	91.1,91.1
80	1246	174.0	134.6	199.1	1927	121.6	101.5	117.0	70- 80	1434	18065	98.9,98.9
90	2.537	0.8082	0.6223	1.658	5.143	0.9046	0.5877	1.012	80- 90	141.8	18206	99.7,99.7
100	7.653	1.120	0.8064	1.223	8.905	2.628	1.364	2.880	90-100	2.451	18209	99.7,99.7
110	11.67	2.752	1.966	2.895	13.12	7.217	4.018	7.316	100-110	5.221	18214	99.8,99.8
120	13.22	4.615	3.330	4.979	14.04	11.58	8.847	11.93	110-120	7.840	18222	99.8,99.8
130	13.01	6.141	4.221	6.388	13.05	13.77	13.70	15.00	120-130	8.973	18231	99.9,99.9
140	12.20	7.482	5.070	7.470	12.13	14.18	15.69	15.38	130-140	8.497	18239	99.9,99.9
150	12.01	8.788	6.692	8.597	11.89	14.11	15.45	14.83	140-150	7.143	18247	99.9,99.9
160	12.17	10.17	8.770	10.03	12.19	13.86	14.95	14.27	150-160	5.462	18252	100,100
170	12.89	11.74	11.10	11.73	12.93	13.66	14.23	13.90	160-170	3.510	18256	100,100
180	13.51	13.09	13.18	13.31	13.51	13.15	13.24	13.32	170-180	1.237	18257	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:2024-01-06

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

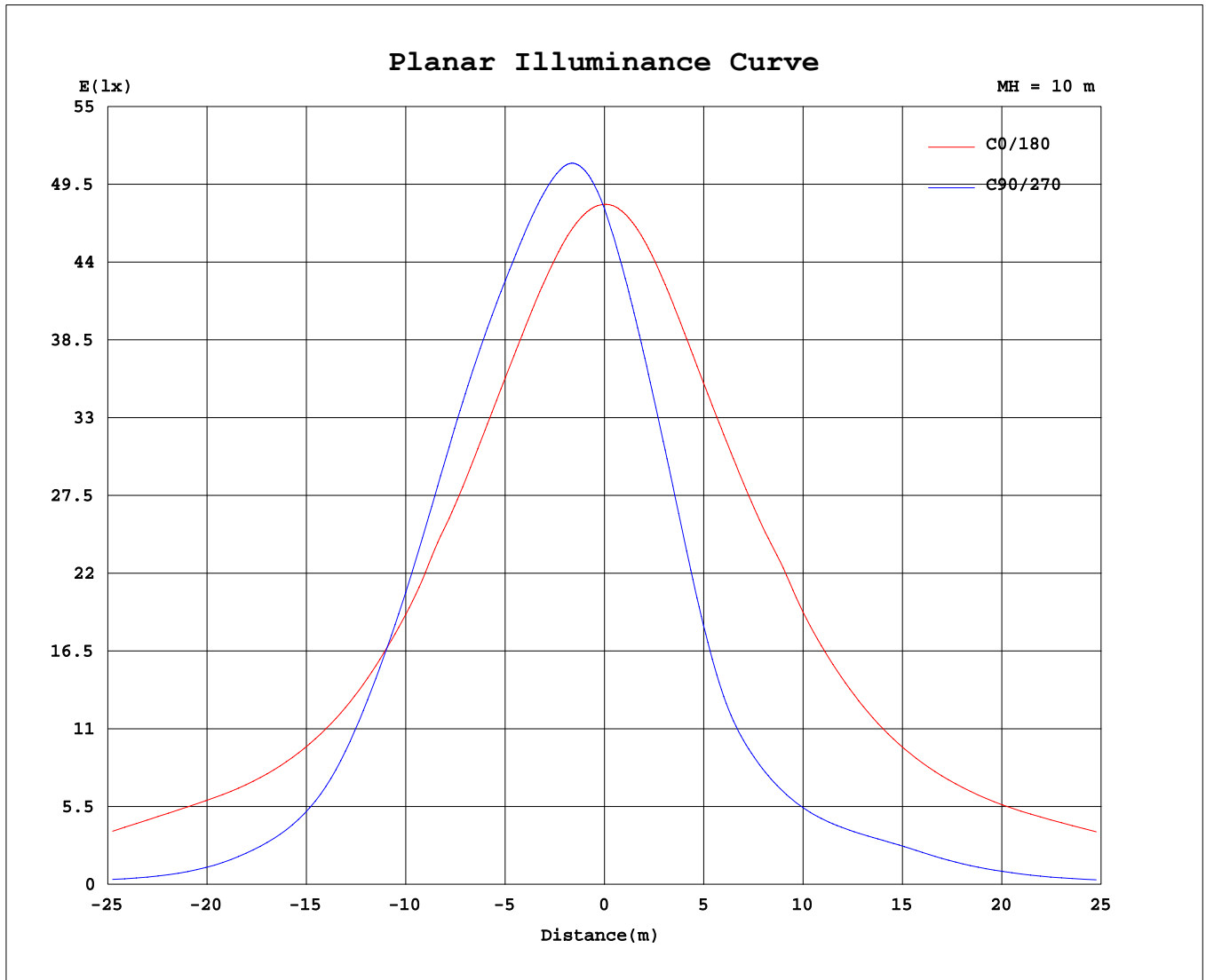
Test:U:220.50V I:0.4539A P:98.488W PF:0.9840 Freq:50.00Hz Lamp Flux:18256.8x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740104G 100w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



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C Interval: 5.0DEG
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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



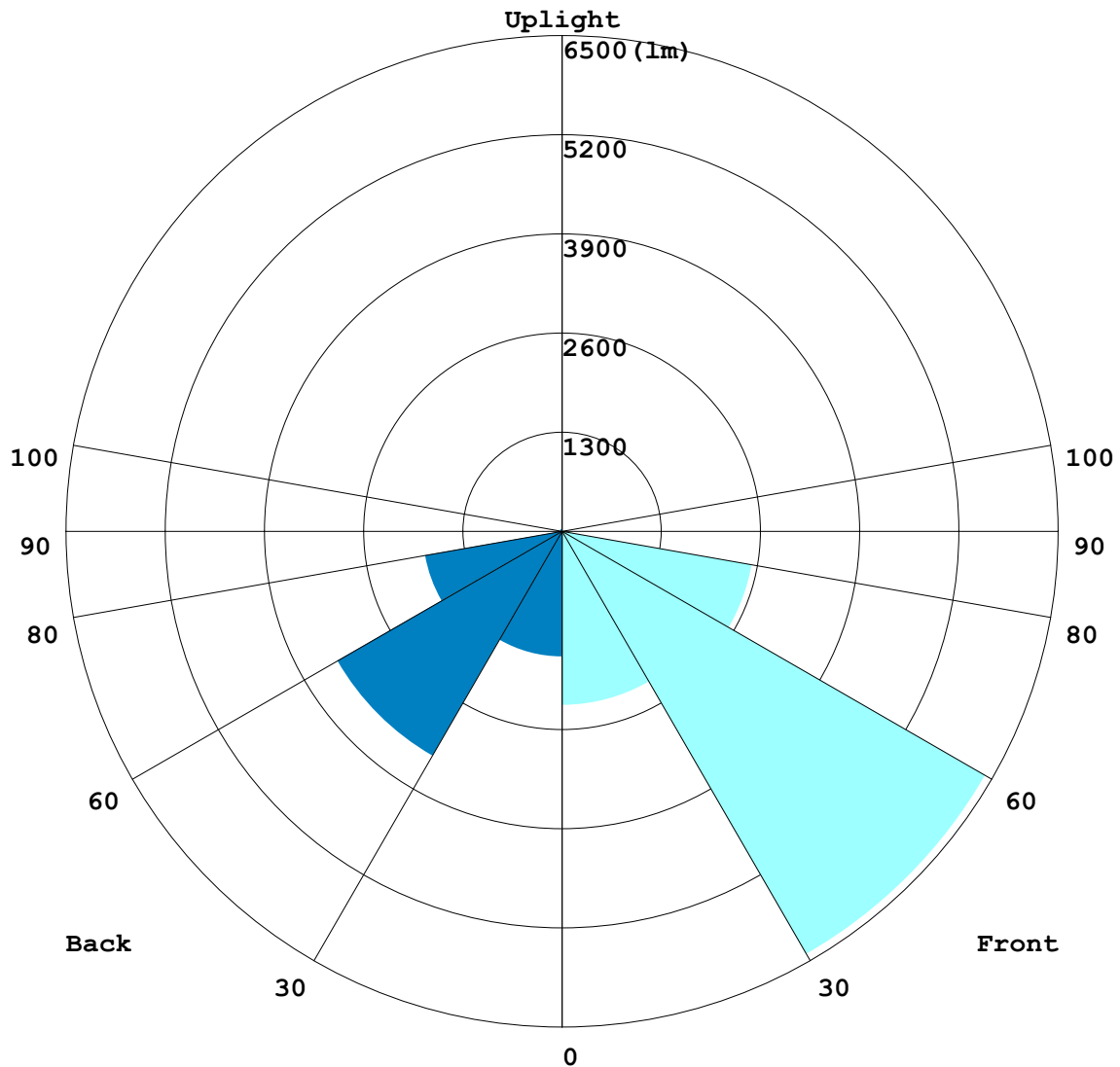
C Range: 0 - 360DEG
 C Interval: 5.0DEG
 Test Speed: HIGH
 Temperature: 25.0°C
 Operators: zhaojicheng
 Test Date: 2024-01-06

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:220.50V I:0.4539A P:98.488W PF:0.9840 Freq:50.00Hz Lamp Flux:18256.8x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740104G 100w4000K With 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: HIGH
Temperature:25.0°C
Operators:zhaojicheng
Test Date:2024-01-06

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:220.50V I:0.4539A P:98.488W PF:0.9840 Freq:50.00Hz Lamp Flux:18256.8x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740104G 100w4000K With 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)	2277.6	12.5
FM - Front-Medium(30-60)	6402	35.1
FH - Front-High(60-80)	2523.5	13.8
FVH - Front-Very High(80-90)	83.172	0.5
Total Forward Light	11305	61.9

BL - Back-Low(0-30)	1641.9	9.0
BM - Back-Medium(30-60)	3397.5	18.6
BH - Back-High(60-80)	1822.2	10.0
BVH - Back-Very High(80-90)	58.586	0.3
Total Back Light	6951.9	38.1

UL - Uplight-Low(90-100)	2.4506	0.0
UH - Uplight-High(100-180)	47.883	0.3
Total Up Light	50.334	0.3

BUG(Back,Up,Glare) Rating	B3-U2-G3
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	6920.2	31.68	6951.9
Street Side	11286	18.654	11305

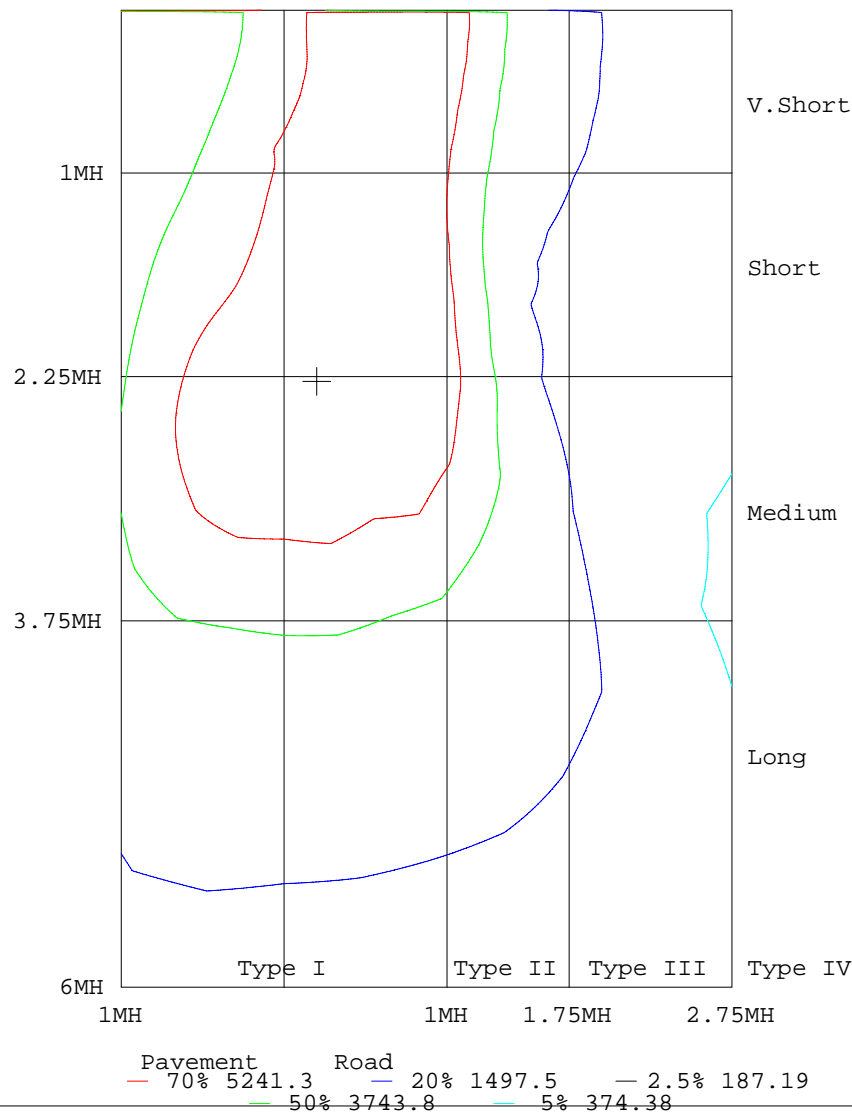
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C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:zhaojicheng
Test Date:2024-01-06

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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:220.50V I:0.4539A P:98.488W PF:0.9840 Freq:50.00Hz Lamp Flux:18256.8x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740104G 100w4000K With 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: HIGH
Temperature: 25.0°C
Operators: zhaojicheng
Test Date: 2024-01-06

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:220.50V I:0.4539A P:98.488W PF:0.9840 Freq:50.00Hz Lamp Flux:18256.8x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740104G 100w4000K With 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	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778
5	4780	4807	4836	4864	4890	4916	4940	4963	4980	5002	5019	5034	5047	5061	5069	5079	5082	5087	5087
10	4792	4846	4900	4951	5000	5045	5087	5127	5161	5198	5225	5253	5274	5296	5309	5326	5329	5339	5336
15	4815	4889	4964	5032	5096	5156	5211	5264	5306	5352	5384	5419	5442	5471	5487	5507	5511	5522	5518
20	4863	4955	5044	5122	5193	5260	5317	5373	5419	5471	5512	5556	5588	5626	5649	5676	5685	5698	5694
25	4937	5040	5139	5223	5299	5368	5427	5485	5535	5592	5637	5691	5735	5785	5819	5857	5874	5892	5889
30	5046	5156	5261	5348	5425	5493	5557	5616	5668	5729	5788	5856	5919	5986	6036	6082	6105	6127	6126
35	5163	5284	5394	5483	5560	5628	5689	5755	5825	5909	5984	6063	6130	6194	6235	6278	6296	6316	6311
40	5344	5468	5575	5651	5726	5796	5868	5942	6014	6090	6144	6196	6230	6273	6278	6297	6277	6284	6268
45	5366	5528	5662	5770	5886	6001	6095	6151	6171	6169	6129	6097	6032	6008	5954	5943	5887	5881	5841
50	5458	5637	5819	5983	6161	6277	6319	6273	6127	5952	5737	5585	5402	5283	5132	5067	4961	4963	4921
55	5603	5860	6134	6364	6508	6513	6362	6066	5622	5229	4817	4494	4121	3883	3622	3544	3423	3428	3388
60	6005	6413	6773	6862	6768	6500	6005	5345	4480	3768	3041	2619	2388	2321	2215	2219	2169	2185	2159
65	6937	7339	7410	7149	6777	6158	5063	3855	2474	1626	1425	1373	1310	1305	1234	1200	1114	1087	1049
70	6642	6643	6487	6303	5916	4617	3335	1515	837	755	692	680	620	597	540	542	533	527	517
75	3961	4010	3836	3742	3162	2571	1270	578	440	418	377	343	309	287	279	283	288	294	291
80	1246	1236	1193	1176	1097	898	387	216	184	174	158	157	142	139	136	141	137	139	135
85	94.2	101	152	165	151	133	65.2	51.4	43.8	44.4	41.1	42.5	40.1	39.8	36.7	38.8	35.7	28.9	21.7
90	2.54	2.37	2.23	1.86	1.61	1.21	1.02	0.80	0.76	0.81	1.24	1.51	0.85	0.96	0.94	1.08	0.95	0.76	0.62
95	4.90	4.47	4.09	3.33	2.71	2.05	1.49	1.10	0.80	0.76	0.72	0.69	0.64	0.65	0.62	0.64	0.63	0.62	0.57
100	7.65	7.04	6.37	5.35	4.39	3.38	2.53	1.88	1.36	1.12	0.97	0.98	0.90	0.93	0.84	0.89	0.83	0.89	0.81
105	10.00	9.31	8.41	7.25	6.07	4.90	3.85	2.96	2.24	1.84	1.54	1.51	1.42	1.45	1.35	1.38	1.33	1.37	1.30
110	11.7	11.0	10.1	8.82	7.53	6.28	5.17	4.22	3.33	2.75	2.33	2.21	2.08	2.11	2.00	2.05	1.97	2.04	1.97
115	12.8	12.2	11.3	10.1	8.85	7.62	6.43	5.38	4.42	3.68	3.15	2.93	2.79	2.78	2.69	2.73	2.66	2.74	2.67
120	13.2	12.8	12.0	11.0	9.80	8.63	7.42	6.37	5.35	4.61	3.99	3.66	3.44	3.42	3.31	3.37	3.30	3.39	3.33
125	13.3	12.7	12.1	11.1	10.1	9.13	8.03	7.14	6.15	5.43	4.76	4.40	4.08	4.02	3.89	3.94	3.84	3.93	3.87
130	13.0	12.4	11.9	11.0	10.2	9.38	8.47	7.71	6.82	6.14	5.46	5.05	4.65	4.52	4.32	4.34	4.22	4.30	4.22
135	12.5	12.0	11.5	10.9	10.2	9.64	8.85	8.21	7.42	6.83	6.14	5.69	5.24	5.04	4.77	4.72	4.57	4.64	4.55
140	12.2	11.7	11.4	10.9	10.4	9.90	9.21	8.69	8.01	7.48	6.83	6.41	5.94	5.68	5.36	5.26	5.10	5.13	5.07
145	12.0	11.7	11.4	11.1	10.6	10.2	9.67	9.18	8.57	8.13	7.55	7.16	6.70	6.42	6.10	5.99	5.82	5.85	5.79
150	12.0	11.8	11.5	11.3	10.9	10.6	10.1	9.70	9.18	8.79	8.27	7.95	7.52	7.28	6.98	6.88	6.72	6.75	6.69
155	12.0	12.0	11.8	11.6	11.3	11.0	10.6	10.2	9.79	9.47	9.01	8.76	8.40	8.24	7.98	7.91	7.75	7.80	7.71
160	12.2	12.2	12.1	12.0	11.7	11.4	11.0	10.8	10.4	10.2	9.81	9.66	9.35	9.25	9.00	8.98	8.84	8.88	8.77
165	12.5	12.6	12.5	12.3	12.0	11.9	11.5	11.4	11.0	10.9	10.7	10.6	10.3	10.3	10.1	10.1	9.98	10.0	9.92
170	12.9	13.0	12.8	12.7	12.5	12.3	12.1	12.0	11.8	11.7	11.5	11.5	11.3	11.4	11.2	11.2	11.1	11.2	11.1
175	13.3	13.4	13.2	13.0	12.8	12.8	12.6	12.6	12.4	12.5	12.4	12.4	12.2	12.3	12.2	12.3	12.2	12.3	12.2
180	13.5	13.5	13.3	13.2	13.2	13.2	13.1	13.2	13.1	13.1	13.0	13.1	13.0	13.1	13.1	13.1	13.1	13.3	13.2

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2024-01-06

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:220.50V I:0.4539A P:98.488W PF:0.9840 Freq:50.00Hz Lamp Flux:18256.8x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740104G 100w4000K With 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	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778
5	5088	5084	5081	5071	5064	5051	5039	5023	5008	4987	4967	4945	4921	4896	4872	4842	4816	4785	4755
10	5340	5332	5328	5312	5300	5278	5258	5231	5202	5167	5132	5092	5049	5003	4957	4903	4852	4795	4734
15	5521	5511	5506	5487	5474	5446	5424	5391	5359	5314	5270	5218	5163	5102	5039	4965	4892	4811	4725
20	5695	5680	5671	5646	5625	5591	5562	5519	5480	5430	5382	5323	5261	5190	5117	5031	4940	4838	4731
25	5886	5866	5848	5813	5782	5736	5697	5644	5597	5540	5487	5425	5360	5282	5201	5109	5008	4891	4775
30	6123	6098	6072	6026	5977	5914	5854	5785	5726	5664	5608	5543	5475	5398	5315	5223	5119	4993	4866
35	6314	6293	6273	6227	6183	6118	6052	5975	5899	5823	5754	5689	5623	5549	5468	5373	5265	5128	4986
40	6287	6278	6293	6274	6270	6233	6207	6157	6101	6031	5960	5890	5817	5741	5655	5570	5466	5322	5175
45	5879	5889	5955	5979	6052	6090	6163	6199	6235	6233	6207	6148	6058	5952	5833	5712	5582	5411	5231
50	4983	5008	5141	5229	5395	5525	5724	5885	6101	6272	6396	6420	6343	6193	6007	5845	5685	5492	5280
55	3462	3498	3654	3767	4059	4339	4733	5065	5480	5880	6303	6565	6645	6570	6359	6096	5855	5602	5351
60	2200	2197	2258	2274	2415	2535	2902	3436	4161	4899	5704	6299	6724	6892	6856	6647	6267	5878	5536
65	1092	1127	1221	1269	1357	1378	1476	1573	1950	3045	4353	5537	6376	6893	7167	7292	7073	6550	6054
70	530	540	555	559	635	657	726	751	842	1018	2161	3789	5259	6334	6652	6967	7050	6922	6507
75	294	290	288	290	307	332	377	417	472	526	797	1808	3128	3849	4515	4507	4803	4829	4672
80	140	140	146	141	147	153	173	175	199	223	288	617	1281	1508	1689	1724	1801	1927	1837
85	31.7	38.0	41.1	39.9	43.6	44.9	49.4	49.1	55.3	58.2	72.5	120	237	266	312	245	202	241	296
90	1.17	1.11	1.32	1.18	1.43	1.25	1.53	1.35	1.66	1.53	1.95	1.99	2.67	2.65	3.39	3.05	3.43	5.14	4.42
95	0.63	0.63	0.66	0.66	0.72	0.72	0.78	0.80	0.86	0.93	1.28	1.71	2.30	2.90	3.36	3.89	4.06	5.91	6.19
100	0.89	0.85	0.93	0.88	0.98	0.95	1.06	1.03	1.22	1.50	2.15	2.98	3.92	4.88	5.62	6.39	6.78	8.90	9.28
105	1.38	1.33	1.42	1.38	1.49	1.48	1.57	1.62	1.91	2.47	3.39	4.56	5.76	6.92	7.88	8.83	9.46	11.4	11.8
110	2.03	1.98	2.06	2.04	2.14	2.12	2.25	2.39	2.90	3.72	4.85	6.08	7.33	8.53	9.65	10.7	11.5	13.1	13.5
115	2.74	2.66	2.76	2.71	2.80	2.79	2.97	3.26	3.99	4.93	6.10	7.21	8.39	9.49	10.7	11.8	12.7	14.0	14.3
120	3.39	3.30	3.40	3.35	3.45	3.47	3.73	4.18	4.98	5.85	6.87	7.75	8.82	9.84	11.1	12.2	13.1	14.0	14.5
125	3.94	3.84	3.92	3.88	4.02	4.10	4.48	4.99	5.76	6.47	7.32	8.05	9.01	9.97	11.1	12.2	12.9	13.7	14.1
130	4.30	4.19	4.29	4.28	4.50	4.69	5.18	5.70	6.39	6.94	7.69	8.32	9.28	10.1	11.1	12.0	12.6	13.1	13.5
135	4.66	4.55	4.70	4.75	5.08	5.36	5.88	6.33	6.93	7.41	8.09	8.68	9.54	10.3	11.0	11.8	12.2	12.5	13.0
140	5.18	5.13	5.31	5.43	5.78	6.08	6.58	6.93	7.47	7.88	8.51	9.04	9.75	10.3	11.0	11.7	12.0	12.1	12.5
145	5.89	5.87	6.08	6.21	6.54	6.78	7.23	7.53	8.02	8.36	8.91	9.36	10.00	10.5	11.1	11.6	12.0	11.9	12.3
150	6.80	6.79	6.96	7.03	7.32	7.51	7.88	8.14	8.60	8.91	9.42	9.76	10.3	10.7	11.2	11.6	12.0	11.9	12.1
155	7.81	7.76	7.90	7.95	8.17	8.29	8.64	8.86	9.26	9.55	9.96	10.2	10.7	11.0	11.4	11.7	12.1	12.0	12.1
160	8.87	8.79	8.93	8.94	9.14	9.24	9.53	9.68	10.03	10.2	10.6	10.8	11.1	11.3	11.7	11.9	12.2	12.2	12.2
165	10.0	9.94	10.1	10.0	10.2	10.3	10.5	10.6	10.8	11.0	11.3	11.4	11.6	11.8	12.0	12.2	12.5	12.5	12.5
170	11.2	11.1	11.2	11.2	11.3	11.3	11.5	11.5	11.7	11.8	12.0	12.0	12.2	12.3	12.5	12.6	12.9	12.9	12.8
175	12.3	12.2	12.3	12.2	12.3	12.3	12.5	12.4	12.6	12.6	12.7	12.7	12.9	12.9	13.0	13.1	13.4	13.4	13.1
180	13.3	13.2	13.2	13.1	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.5	13.6	13.5	13.5

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2024-01-06

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:220.50V I:0.4539A P:98.488W PF:0.9840 Freq:50.00Hz Lamp Flux:18256.8x1 lm																		
NAME: Skylite									TYPE: LED					WEIGHT: 3				
SPEC.: AL6740104G 100w4000K With 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	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778
5	4725	4692	4665	4637	4610	4584	4557	4535	4514	4494	4477	4462	4450	4440	4433	4428	4426	4427	4431
10	4677	4615	4560	4504	4449	4396	4346	4300	4255	4213	4177	4144	4117	4095	4080	4068	4065	4068	4079
15	4640	4551	4469	4384	4301	4220	4139	4062	3990	3919	3858	3803	3760	3722	3699	3680	3678	3682	3703
20	4622	4511	4400	4288	4173	4060	3942	3828	3718	3612	3519	3429	3362	3301	3267	3239	3239	3247	3282
25	4644	4510	4369	4225	4074	3919	3758	3600	3441	3282	3141	3004	2901	2810	2760	2720	2720	2732	2783
30	4714	4553	4381	4197	3997	3786	3564	3340	3120	2900	2711	2537	2411	2308	2247	2203	2200	2210	2262
35	4817	4636	4427	4197	3934	3652	3348	3041	2751	2476	2261	2090	1990	1922	1885	1859	1852	1854	1878
40	4980	4767	4506	4201	3846	3453	3047	2650	2309	2038	1889	1798	1744	1705	1680	1664	1658	1658	1672
45	5020	4775	4479	4118	3687	3190	2682	2229	1919	1767	1681	1616	1577	1554	1542	1537	1534	1536	1541
50	5028	4758	4438	4044	3551	2932	2320	1906	1753	1659	1594	1554	1527	1522	1519	1525	1525	1531	1529
55	5064	4767	4440	4032	3461	2698	2035	1828	1716	1639	1595	1578	1569	1580	1586	1596	1595	1599	1591
60	5207	4912	4567	4072	3276	2247	1766	1623	1535	1486	1477	1472	1448	1407	1388	1365	1368	1372	1398
65	5587	5116	4522	3711	2600	1506	1287	1159	1122	1095	1069	988	954	917	900	867	873	873	903
70	5815	4965	4017	2772	1431	713	636	573	581	533	492	465	465	474	493	489	491	485	477
75	4410	3691	2684	1319	522	309	287	275	263	244	235	226	228	230	245	245	249	241	236
80	1750	1277	898	312	163	151	128	122	120	110	108	106	109	102	102	99.7	101	98.7	101
85	199	88.8	57.8	44.9	42.3	34.1	31.9	28.7	28.8	26.3	26.7	24.8	25.1	21.9	21.2	19.6	20.5	19.4	21.4
90	4.38	3.52	3.14	2.49	1.96	1.51	1.06	0.90	0.76	0.74	0.68	0.67	0.64	0.64	0.60	0.67	0.59	0.63	0.60
95	5.91	5.60	4.88	4.28	3.42	2.62	1.89	1.28	1.10	0.96	0.97	0.85	0.90	0.80	0.84	0.74	0.81	0.77	0.83
100	9.05	8.63	7.75	6.90	5.79	4.75	3.56	2.63	1.96	1.64	1.58	1.47	1.48	1.37	1.38	1.32	1.36	1.31	1.38
105	11.7	11.3	10.4	9.51	8.31	7.21	5.88	4.77	3.71	3.11	2.78	2.62	2.51	2.44	2.41	2.36	2.36	2.37	2.41
110	13.6	13.1	12.4	11.6	10.6	9.55	8.35	7.22	6.10	5.37	4.77	4.51	4.25	4.15	4.05	4.06	4.02	4.06	4.06
115	14.5	14.2	13.8	13.1	12.3	11.5	10.5	9.62	8.58	7.87	7.19	6.88	6.55	6.46	6.28	6.32	6.23	6.32	6.30
120	14.7	14.6	14.3	13.8	13.4	12.8	12.2	11.6	10.8	10.3	9.72	9.46	9.12	9.07	8.87	8.95	8.85	8.93	8.89
125	14.3	14.4	14.2	14.0	13.8	13.5	13.3	13.0	12.7	12.4	12.0	11.8	11.6	11.5	11.5	11.6	11.5	11.6	11.5
130	13.7	13.9	13.9	14.0	13.9	13.8	13.8	13.8	13.8	13.7	13.7	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7
135	13.2	13.5	13.6	13.8	13.8	13.9	14.0	14.1	14.3	14.3	14.5	14.6	14.7	14.8	15.0	15.1	15.2	15.2	15.2
140	12.8	13.1	13.2	13.6	13.6	13.9	14.0	14.2	14.3	14.5	14.7	14.9	15.0	15.3	15.5	15.6	15.7	15.7	15.7
145	12.4	12.8	13.0	13.3	13.5	13.8	13.9	14.2	14.3	14.6	14.7	14.9	15.0	15.4	15.5	15.7	15.6	15.7	15.6
150	12.4	12.6	12.8	13.2	13.3	13.7	13.8	14.1	14.2	14.5	14.6	14.9	14.9	15.3	15.4	15.6	15.5	15.6	15.4
155	12.4	12.6	12.8	13.1	13.3	13.6	13.7	14.0	14.0	14.4	14.4	14.8	14.8	15.1	15.1	15.4	15.2	15.3	15.1
160	12.4	12.6	12.8	13.1	13.3	13.5	13.5	13.9	13.9	14.2	14.3	14.6	14.6	14.9	14.9	15.1	15.0	15.1	14.8
165	12.6	12.7	13.0	13.1	13.3	13.5	13.5	13.8	13.8	14.0	14.0	14.3	14.3	14.6	14.6	14.7	14.6	14.7	14.6
170	12.9	12.9	13.1	13.2	13.3	13.4	13.4	13.7	13.6	13.9	13.9	14.1	14.0	14.2	14.2	14.3	14.2	14.3	14.2
175	13.2	13.1	13.2	13.2	13.3	13.4	13.3	13.5	13.4	13.6	13.5	13.7	13.6	13.8	13.7	13.9	13.7	13.9	13.7
180	13.3	13.2	13.2	13.2	13.2	13.2	13.1	13.1	13.1	13.2	13.1	13.2	13.1	13.2	13.2	13.3	13.2	13.3	13.2

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2024-01-06

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:220.50V I:0.4539A P:98.488W PF:0.9840 Freq:50.00Hz Lamp Flux:18256.8x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 3		
SPEC.: AL6740104G 100w4000K With 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	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778	4778				
5	4437	4447	4458	4473	4490	4510	4531	4554	4579	4606	4633	4661	4691	4720	4750				
10	4093	4115	4141	4175	4210	4252	4297	4345	4397	4450	4506	4563	4621	4679	4738				
15	3729	3769	3813	3869	3931	3999	4072	4150	4232	4316	4403	4488	4574	4657	4741				
20	3323	3388	3458	3545	3639	3745	3857	3974	4093	4211	4330	4445	4561	4666	4772				
25	2841	2937	3040	3176	3317	3477	3638	3802	3966	4124	4280	4427	4572	4703	4834				
30	2328	2440	2569	2746	2939	3162	3388	3619	3842	4055	4258	4444	4622	4779	4930				
35	1917	1993	2102	2282	2502	2784	3082	3396	3699	3983	4249	4482	4694	4872	5038				
40	1697	1740	1801	1902	2069	2360	2719	3127	3528	3907	4247	4539	4799	5012	5203				
45	1557	1584	1630	1700	1794	1968	2320	2803	3315	3795	4197	4521	4786	5001	5205				
50	1538	1547	1579	1620	1690	1793	1975	2463	3099	3675	4131	4495	4796	5044	5277				
55	1586	1580	1588	1606	1649	1724	1842	2137	2864	3587	4119	4512	4828	5103	5374				
60	1417	1456	1459	1457	1461	1508	1588	1732	2381	3375	4112	4604	4967	5264	5625				
65	915	950	984	1054	1052	1075	1110	1227	1564	2730	3779	4582	5241	5783	6372				
70	449	444	447	479	518	540	546	620	721	1573	2941	4147	5080	5868	6471				
75	222	224	222	237	246	271	277	295	319	650	1415	2622	3411	3886	3934				
80	103	107	102	105	107	118	117	128	142	157	272	698	850	1261	1329				
85	21.3	23.3	22.2	23.7	22.7	24.8	24.3	26.5	28.2	33.2	37.5	47.8	56.4	103	143				
90	0.63	0.62	0.67	0.68	0.80	0.76	1.01	1.17	1.54	2.01	2.58	3.06	3.56	3.81	4.06				
95	0.81	0.89	0.85	0.98	0.97	1.18	1.49	2.10	2.83	3.64	4.60	5.38	6.23	6.66	6.98				
100	1.37	1.47	1.48	1.62	1.79	2.19	2.88	3.74	4.83	5.85	7.06	8.11	9.20	9.80	10.1				
105	2.46	2.54	2.70	2.93	3.33	3.99	4.94	5.91	7.11	8.23	9.54	10.7	11.8	12.5	12.8				
110	4.21	4.32	4.63	4.95	5.58	6.29	7.32	8.33	9.49	10.5	11.8	12.9	13.9	14.5	14.6				
115	6.52	6.64	7.04	7.38	8.08	8.74	9.74	10.6	11.7	12.7	13.8	14.7	15.3	15.6	15.4				
120	9.13	9.24	9.65	9.95	10.6	11.1	11.9	12.7	13.6	14.5	15.2	15.6	15.8	15.8	15.5				
125	11.7	11.8	12.1	12.3	12.8	13.2	13.8	14.3	14.9	15.3	15.5	15.6	15.6	15.2	14.9				
130	13.8	13.8	14.1	14.2	14.4	14.8	15.0	15.2	15.3	15.3	15.4	15.1	14.9	14.4	14.0				
135	15.1	15.2	15.3	15.3	15.3	15.5	15.4	15.3	15.3	15.1	15.0	14.5	14.2	13.7	13.4				
140	15.6	15.6	15.6	15.5	15.5	15.4	15.4	15.1	15.1	14.7	14.5	14.1	13.8	13.3	12.9				
145	15.7	15.5	15.6	15.4	15.4	15.2	15.1	14.8	14.8	14.3	14.2	13.8	13.6	13.1	12.7				
150	15.4	15.2	15.3	15.0	15.1	14.8	14.8	14.5	14.4	14.1	14.0	13.6	13.5	13.1	12.6				
155	15.2	14.9	15.0	14.8	14.8	14.5	14.5	14.3	14.2	13.9	13.9	13.5	13.4	13.2	12.6				
160	14.9	14.7	14.7	14.5	14.5	14.3	14.3	14.0	14.0	13.8	13.8	13.5	13.4	13.2	12.8				
165	14.6	14.4	14.4	14.2	14.3	14.0	14.1	13.8	13.9	13.7	13.7	13.5	13.4	13.4	13.1				
170	14.2	14.1	14.2	14.0	14.0	13.8	13.9	13.7	13.7	13.6	13.6	13.5	13.4	13.5	13.3				
175	13.8	13.7	13.8	13.6	13.7	13.6	13.7	13.5	13.6	13.5	13.6	13.4	13.4	13.5	13.6				
180	13.2	13.2	13.3	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.4	13.4	13.4	13.5	13.6				

C Range: 0 - 360DEG

C Interval: 5.0DEG

Test Speed: HIGH

Temperature:25.0℃

Operators:zhaojicheng

Test Date:2024-01-06

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: