

STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:221.36V I:0.5395A P:116.82W PF:0.9782 Freq:50.00Hz
Lamp Flux:20825.7x1 lm

NAME: Skylite

TYPE: LED

WEIGHT: 3

SPEC.: AL6740114G 120w4000K With glass

DIM.: 48*27*10

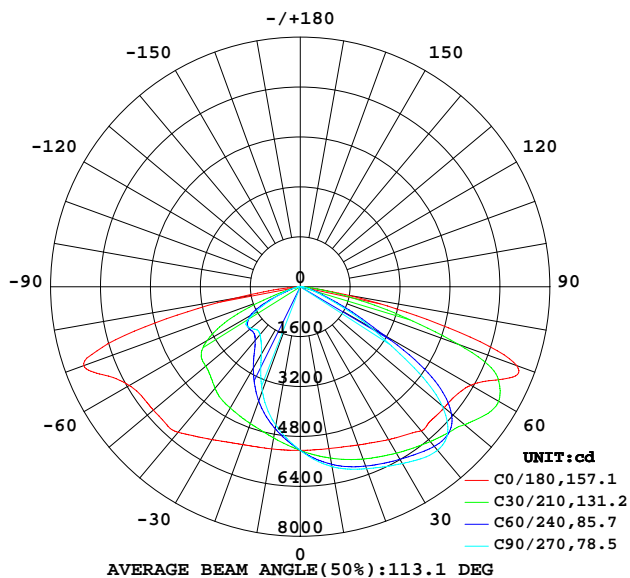
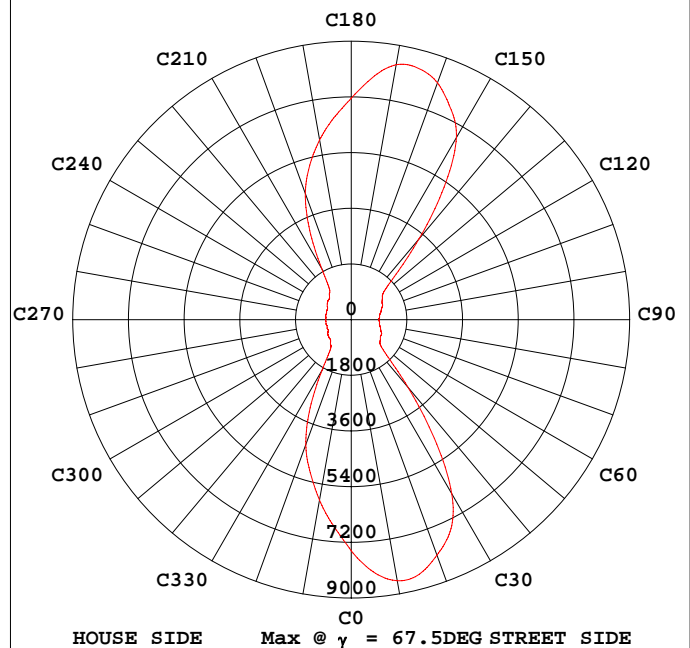
SERIAL No.: 001

MFR.: Americanlite

SUR.: 23*19

Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 178.27 lm/W
MODEL	120W4000K	I _{max} (cd)	8567	η _{street_up} (%)	0.1	
NOMINAL POWER(W)	120	LOR(%)	100.0	η _{street_down} (%)	62.7	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	20826	η _{house_up} (%)	0.2	
NOMINAL FLUX(lm)	20825.7	MAXIMUM @(C,γ)	10,67.5	η _{house_down} (%)	37.0	
LAMPS INSIDE	1	η _{up} (%)	0.3	76 FLASHAREA(m2)	0.00100	
TEST VOLTAGE(V)	220	η _{down} (%)	99.7	SLI	22.217	

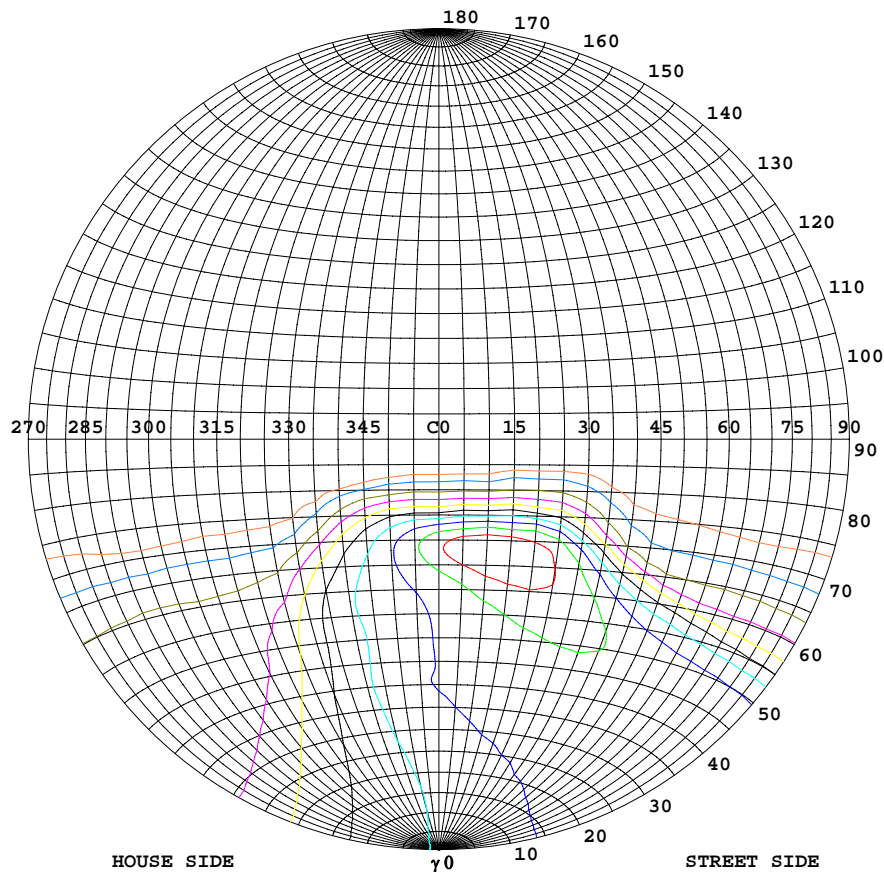
INTENSITY DISTRIBUTION DIAGRAM
IN C PLANSMAX INTENSITY CONE SURFACE
DISTRIBUTION DIAGRAM

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-30

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:221.36V I:0.5395A P:116.82W PF:0.9782 Freq:50.00Hz Lamp Flux:20825.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114G 120w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



Classification:

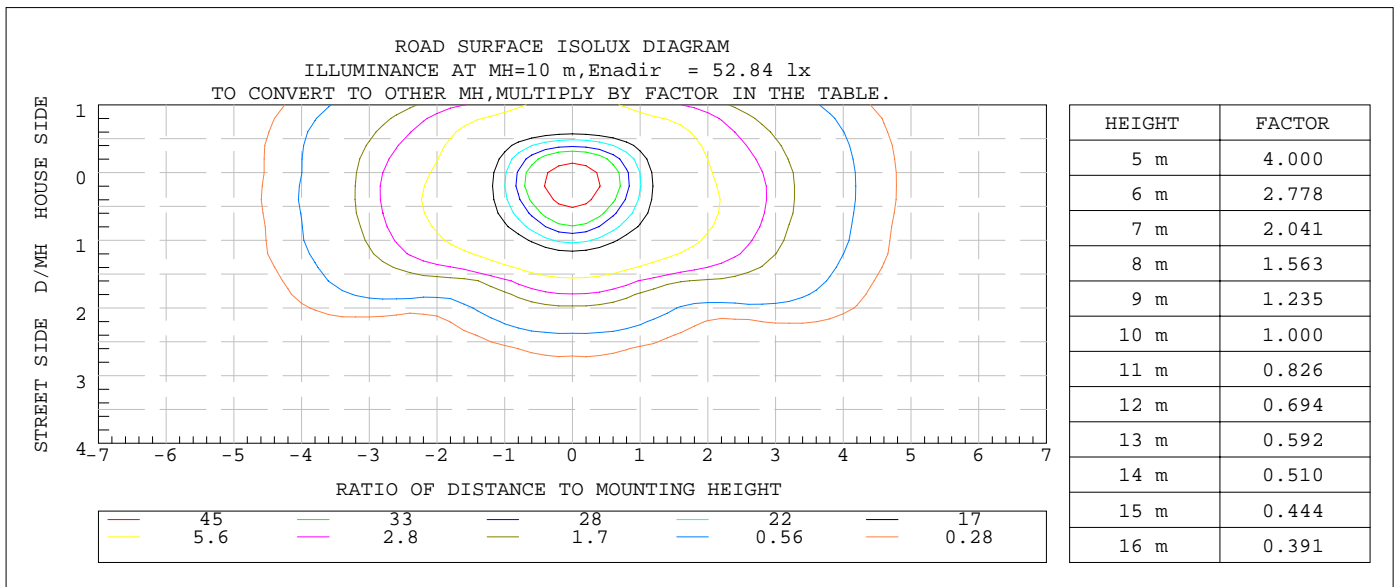
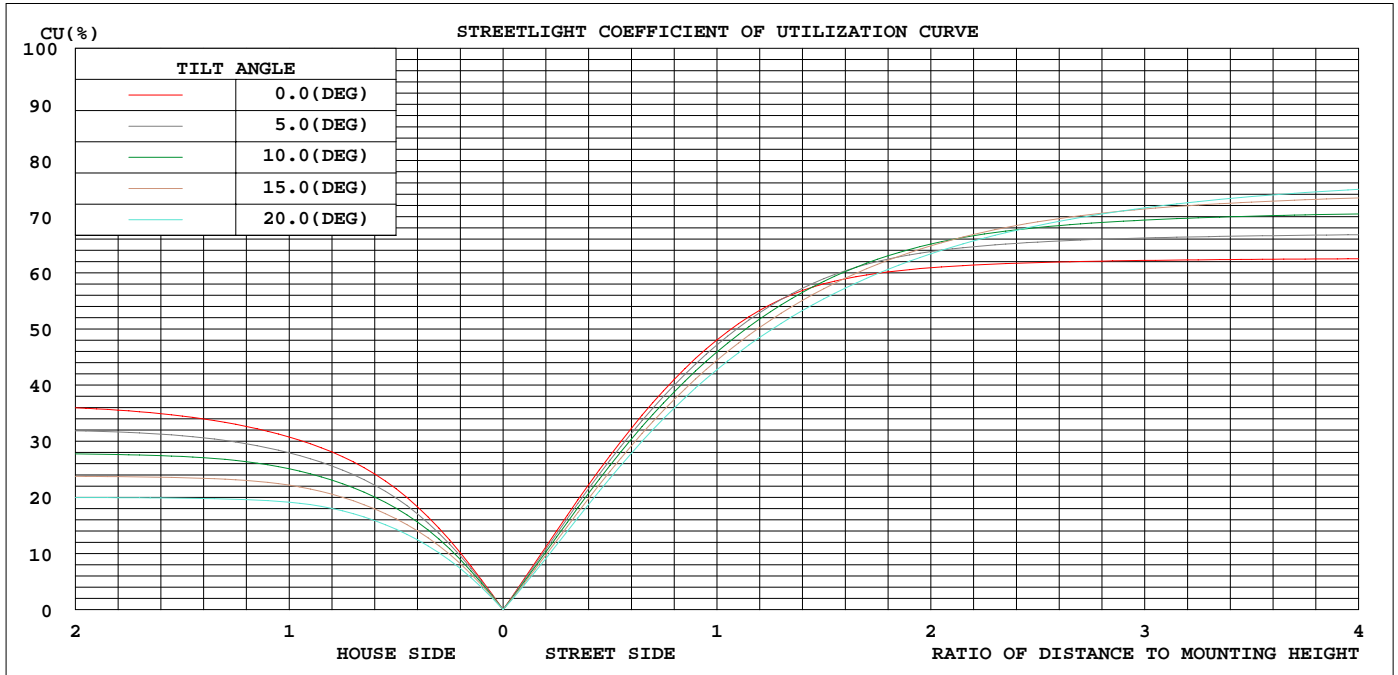
IES:Type II - Medium
CIE:Narrow - Intermediate
IES:Semi cut-off
CIE:Non-cut-off
Max.At80:105.7cd/klm
Max.At90:0.2504cd/klm
Max.80-90:105.7cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	8567
90%	7710
80%	6853
70%	5997
60%	5140
50%	4283
40%	3427
30%	2570
20%	1713
10%	857
5%	428

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-30

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: 2023-11-30

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:221.36V I:0.5395A P:116.82W PF:0.9782 Freq:50.00Hz Lamp Flux:20825.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114G 120w4000K 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	5269	5693	5852	5712	5278	4757	4507	4760	0- 10	500.0	500.0	2.4,2.4
20	5400	6017	6205	6037	5386	4266	3561	4275	10- 20	1471	1971	9.46,9.46
30	5659	6264	6541	6281	5657	3699	2497	3700	20- 30	2355	4325	20.8,20.8
40	6026	6557	6839	6595	6088	2939	2009	2966	30- 40	3160	7485	35.9,35.9
50	6026	6736	5936	6855	6149	2419	2072	2442	40- 50	3862	11347	54.5,54.5
60	6313	5148	2621	5497	6330	1976	1733	1926	50- 60	4106	15453	74.2,74.2
70	7376	975.5	640.2	1183	7384	655.0	637.3	629.1	60- 70	3398	18850	90.5,90.5
80	1473	217.2	158.4	255.5	2135	141.2	125.9	131.9	70- 80	1740	20590	98.9,98.9
90	2.730	0.5543	0.5277	2.355	5.214	0.9713	0.5462	1.010	80- 90	181.3	20771	99.7,99.7
100	8.262	1.195	0.9752	1.274	8.945	3.518	1.432	3.855	90-100	2.625	20774	99.8,99.8
110	12.66	3.061	2.453	3.152	13.46	8.690	4.434	8.781	100-110	5.764	20780	99.8,99.8
120	14.57	5.255	4.175	5.425	14.81	12.86	9.725	13.24	110-120	8.626	20788	99.8,99.8
130	14.12	6.974	5.165	7.019	13.84	14.60	14.51	15.79	120-130	9.738	20798	99.9,99.9
140	13.32	8.313	5.920	8.116	13.00	14.96	16.14	15.91	130-140	9.098	20807	99.9,99.9
150	13.09	9.671	7.423	9.262	12.87	14.87	15.98	15.44	140-150	7.609	20815	99.9,99.9
160	13.15	11.03	9.529	10.69	13.15	14.73	15.58	14.91	150-160	5.820	20821	100,100
170	13.77	12.62	11.89	12.46	13.88	14.63	15.01	14.59	160-170	3.737	20824	100,100
180	14.47	14.08	14.01	14.00	14.47	14.15	14.10	14.09	170-180	1.319	20826	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

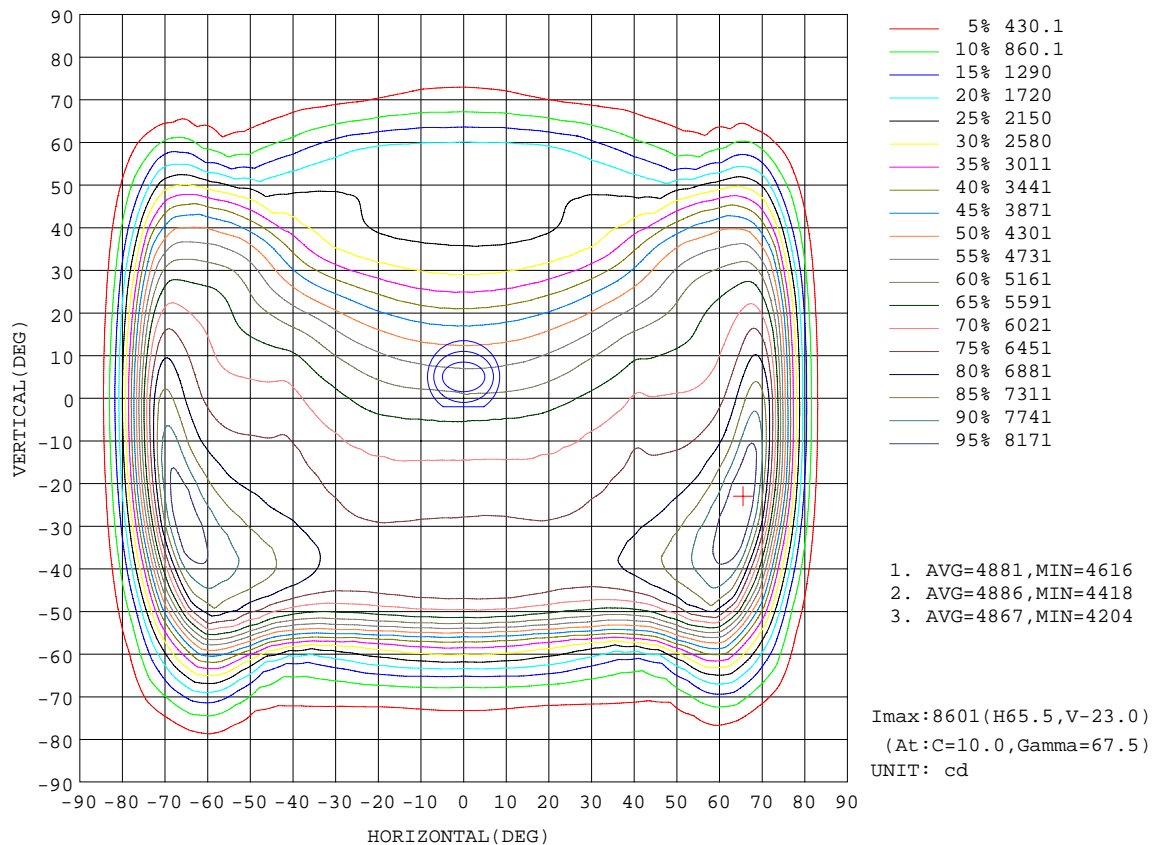
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-30

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:221.36V I:0.5395A P:116.82W PF:0.9782 Freq:50.00Hz
Lamp Flux:20825.7x1 lm

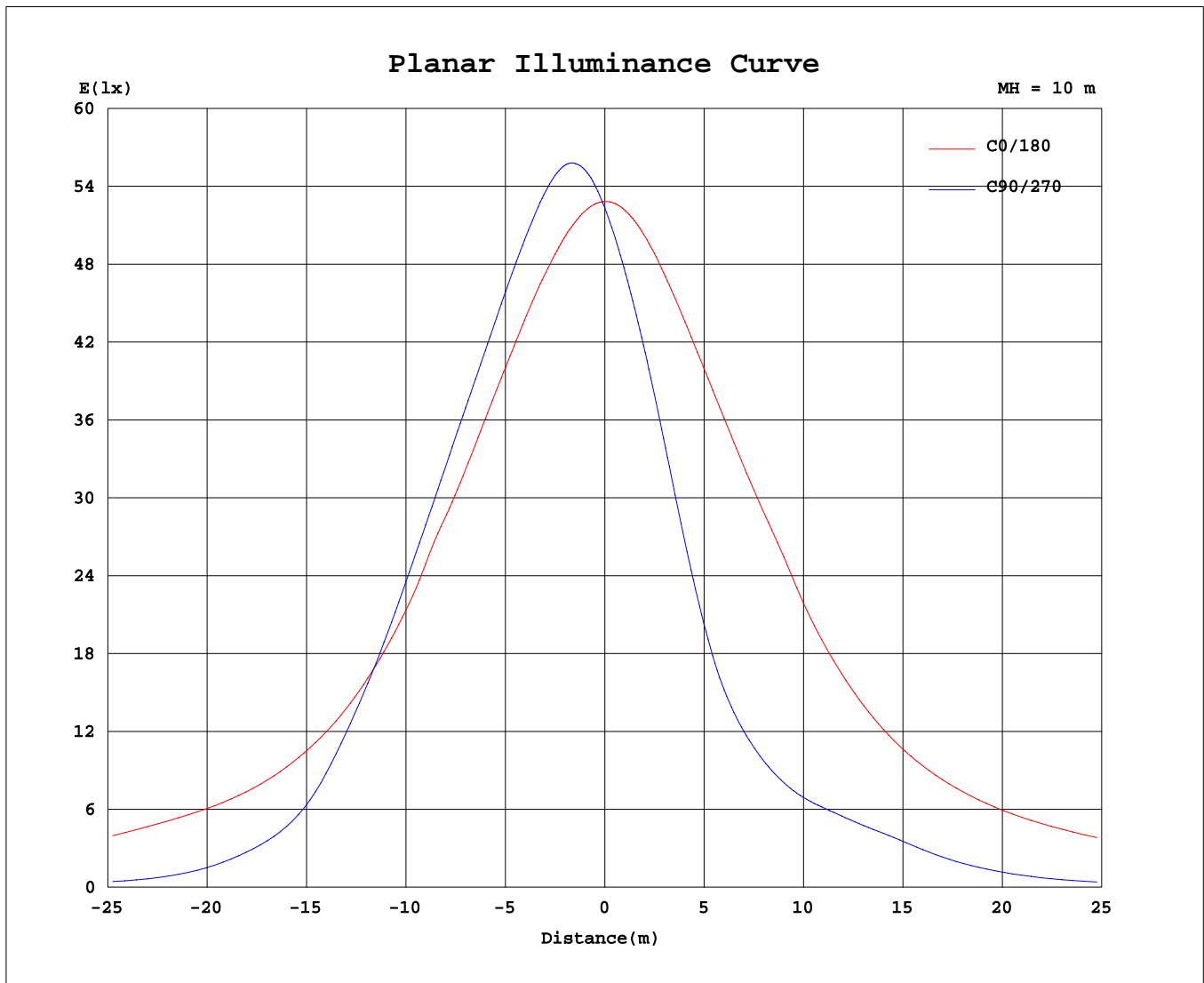
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114G 120w4000K With glass	DIM.: 48*27*10	SERIAL No.: 001
MFR.: Americanlite	SUR.: 23*19	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0°C
Operators:yangbin
Test Date:2023-11-30

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



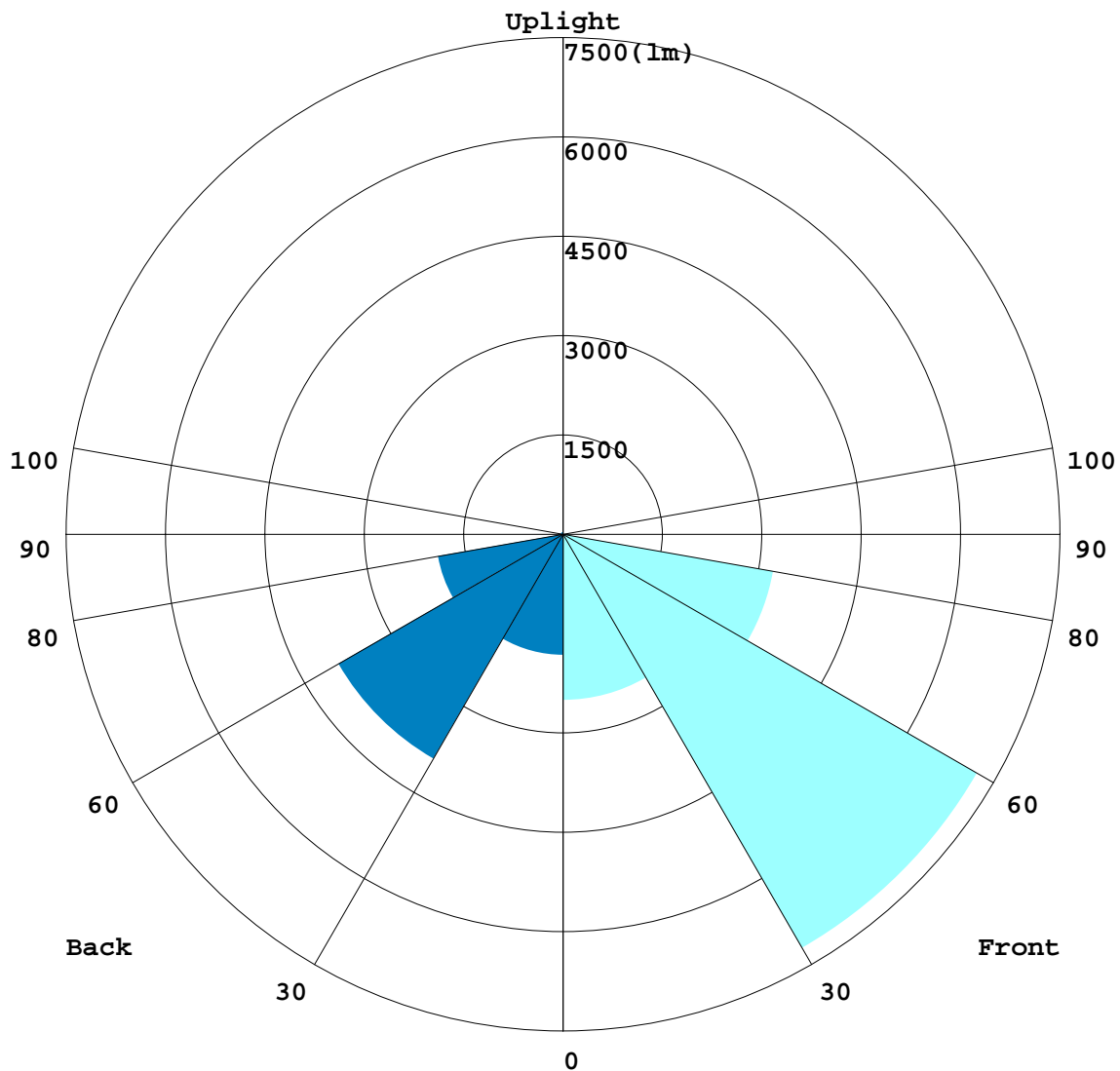
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature: 25.0°C
Operators: yangbin
Test Date: 2023-11-30

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:221.36V I:0.5395A P:116.82W PF:0.9782 Freq:50.00Hz Lamp Flux:20825.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114G 120w4000K 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: yangbin
Test Date: 2023-11-30

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:221.36V I:0.5395A P:116.82W PF:0.9782 Freq:50.00Hz
Lamp Flux:20825.7x1 lm

NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114G 120w4000K 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)	2502.4	12.0
FM - Front-Medium(30-60)	7213.9	34.6
FH - Front-High(60-80)	3221.1	15.5
FVH - Front-Very High(80-90)	119.72	0.6
Total Forward Light	13077	62.8

BL - Back-Low(0-30)	1822.9	8.8
BM - Back-Medium(30-60)	3913.6	18.8
BH - Back-High(60-80)	1916.3	9.2
BVH - Back-Very High(80-90)	61.582	0.3
Total Back Light	7748.4	37.2

UL - Uplight-Low(90-100)	2.6246	0.0
UH - Uplight-High(100-180)	51.711	0.2
Total Up Light	54.335	0.3

BUG(Back,Up,Glare) Rating	B3-U3-G3
---------------------------	----------

Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	7714.4	34.052	7748.4
Street Side	13057	20.283	13077

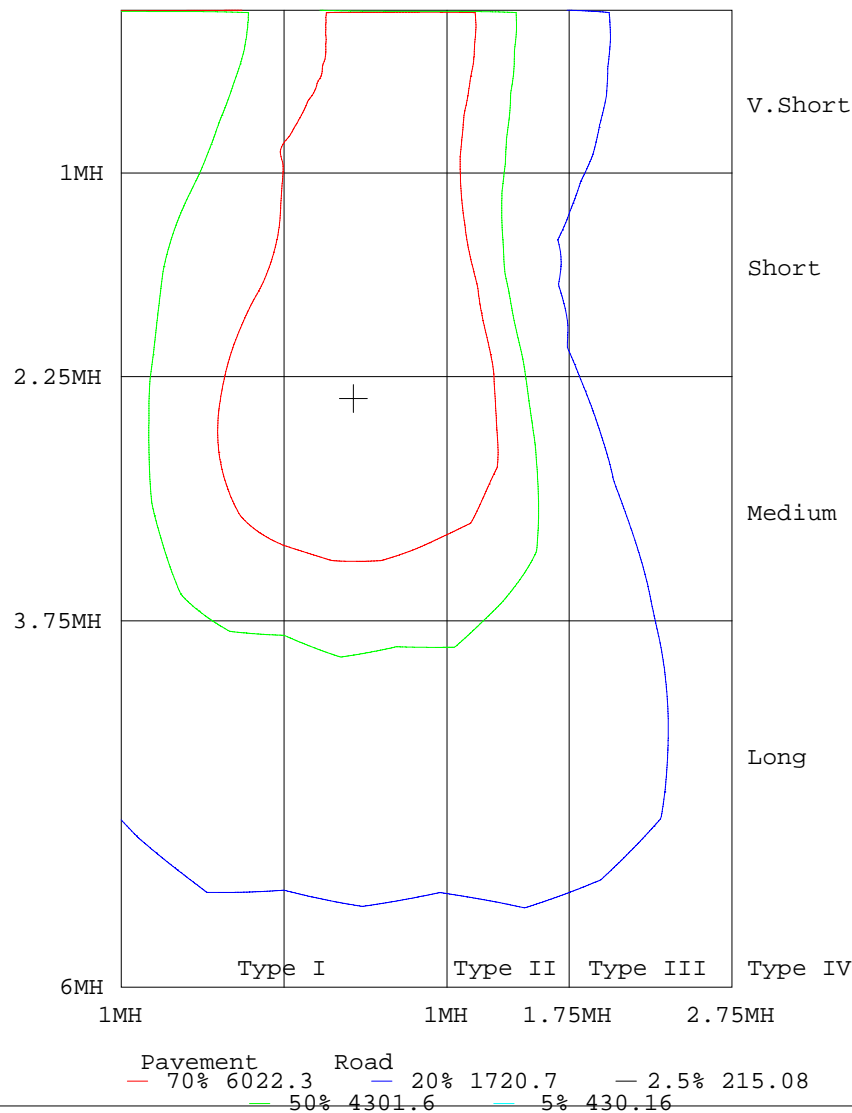
C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-30

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:221.36V I:0.5395A P:116.82W PF:0.9782 Freq:50.00Hz Lamp Flux:20825.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114G 120w4000K 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:yangbin
Test Date:2023-11-30

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:221.36V I:0.5395A P:116.82W PF:0.9782 Freq:50.00Hz Lamp Flux:20825.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114G 120w4000K 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	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245
5	5247	5277	5305	5334	5361	5388	5413	5437	5459	5481	5499	5517	5533	5547	5557	5567	5572	5578	5579
10	5269	5325	5380	5433	5483	5530	5575	5617	5656	5693	5724	5754	5778	5801	5818	5834	5842	5852	5852
15	5314	5392	5471	5542	5609	5672	5731	5786	5835	5878	5912	5946	5970	5997	6014	6034	6040	6053	6052
20	5400	5497	5591	5674	5751	5821	5877	5931	5973	6017	6053	6090	6117	6149	6167	6189	6196	6208	6205
25	5509	5620	5726	5819	5895	5960	6010	6059	6096	6139	6174	6217	6250	6291	6319	6348	6359	6370	6367
30	5659	5781	5897	5989	6060	6115	6158	6198	6227	6264	6296	6343	6388	6438	6475	6514	6532	6546	6541
35	5814	5950	6074	6166	6231	6279	6311	6347	6378	6411	6440	6486	6533	6593	6639	6692	6717	6738	6733
40	6026	6173	6293	6361	6411	6447	6478	6503	6524	6557	6586	6632	6678	6739	6776	6818	6829	6848	6839
45	5996	6183	6330	6446	6536	6609	6649	6675	6686	6690	6687	6695	6691	6717	6714	6725	6696	6696	6672
50	6026	6223	6399	6547	6663	6766	6877	6883	6853	6736	6585	6466	6324	6243	6140	6095	6005	5993	5936
55	6081	6329	6576	6800	7029	7136	7196	7050	6758	6356	5947	5628	5275	5017	4707	4568	4367	4344	4272
60	6313	6662	7119	7426	7639	7578	7338	6775	5993	5148	4378	3770	3097	2876	2714	2699	2637	2655	2621
65	7045	7648	8224	8326	8137	7655	6998	5740	4128	2856	1866	1720	1618	1603	1521	1486	1398	1374	1327
70	7376	7939	8115	8016	7631	7087	5377	3473	1627	975	840	803	751	724	661	674	661	668	640
75	4560	4958	4978	5080	4713	4127	2891	1482	695	518	462	417	370	346	334	334	338	348	349
80	1473	1572	1535	1739	1723	1567	1089	552	263	217	187	186	167	162	157	164	159	163	158
85	136	111	194	220	238	221	216	118	53.9	51.0	47.0	47.6	44.8	45.2	42.1	44.6	42.1	36.8	29.7
90	2.73	2.40	2.11	1.69	1.39	1.00	0.83	0.61	0.63	0.55	0.62	0.67	0.61	0.76	0.69	0.85	0.78	0.73	0.53
95	5.35	4.66	4.06	3.22	2.52	1.89	1.33	0.99	0.75	0.72	0.64	0.69	0.61	0.66	0.58	0.64	0.58	0.66	0.57
100	8.26	7.34	6.44	5.29	4.30	3.26	2.45	1.82	1.36	1.19	1.06	1.07	1.00	1.04	0.97	1.03	0.96	1.03	0.98
105	10.8	9.76	8.70	7.37	6.16	4.92	3.90	3.00	2.37	2.00	1.78	1.76	1.67	1.71	1.63	1.67	1.61	1.65	1.60
110	12.7	11.7	10.6	9.18	7.85	6.54	5.44	4.44	3.59	3.06	2.70	2.61	2.51	2.53	2.47	2.49	2.44	2.50	2.45
115	13.9	13.1	12.0	10.7	9.40	8.06	6.86	5.78	4.85	4.20	3.74	3.53	3.40	3.40	3.32	3.37	3.32	3.39	3.33
120	14.6	13.9	12.9	11.8	10.5	9.21	7.99	6.93	5.95	5.25	4.69	4.41	4.22	4.22	4.13	4.19	4.14	4.22	4.17
125	14.6	13.8	13.0	11.9	10.9	9.86	8.81	7.85	6.89	6.19	5.55	5.23	4.95	4.90	4.78	4.83	4.75	4.85	4.79
130	14.1	13.4	12.8	11.9	11.0	10.3	9.34	8.52	7.65	6.97	6.31	5.90	5.54	5.44	5.26	5.28	5.17	5.26	5.17
135	13.6	13.0	12.6	11.9	11.2	10.5	9.77	9.08	8.29	7.67	6.97	6.54	6.11	5.92	5.68	5.65	5.51	5.56	5.49
140	13.3	12.8	12.5	12.0	11.4	10.8	10.2	9.60	8.88	8.31	7.65	7.22	6.74	6.49	6.19	6.12	5.94	5.99	5.92
145	13.1	12.8	12.5	12.1	11.6	11.2	10.6	10.1	9.48	8.97	8.38	7.98	7.48	7.22	6.90	6.78	6.58	6.62	6.55
150	13.1	12.8	12.6	12.3	11.9	11.6	11.0	10.6	10.1	9.67	9.12	8.75	8.31	8.07	7.78	7.65	7.48	7.47	7.42
155	13.1	13.0	12.8	12.6	12.3	12.0	11.5	11.2	10.7	10.3	9.87	9.59	9.23	9.04	8.78	8.68	8.52	8.51	8.44
160	13.1	13.2	13.1	13.0	12.6	12.4	12.0	11.7	11.3	11.0	10.7	10.5	10.2	10.1	9.85	9.79	9.63	9.64	9.53
165	13.4	13.5	13.4	13.3	13.0	12.8	12.5	12.3	11.9	11.8	11.5	11.4	11.2	11.1	11.0	10.9	10.8	10.8	10.7
170	13.8	13.9	13.8	13.7	13.4	13.3	13.0	12.9	12.7	12.6	12.4	12.4	12.2	12.2	12.1	12.1	12.0	12.0	11.9
175	14.2	14.3	14.1	14.0	13.8	13.7	13.5	13.5	13.4	13.4	13.3	13.4	13.2	13.3	13.1	13.2	13.1	13.1	13.0
180	14.5	14.5	14.3	14.2	14.1	14.1	14.0	14.0	14.1	14.1	14.0	14.1	14.0	14.1	14.1	14.1	14.1	14.1	14.0

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-30

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:221.36V I:0.5395A P:116.82W PF:0.9782 Freq:50.00Hz Lamp Flux:20825.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114G 120w4000K 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	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245
5	5580	5575	5572	5563	5554	5541	5528	5512	5493	5473	5451	5426	5401	5373	5345	5316	5287	5255	5225
10	5855	5848	5843	5829	5816	5793	5772	5743	5712	5676	5637	5595	5550	5501	5449	5395	5338	5278	5219
15	6056	6048	6046	6028	6014	5988	5965	5931	5897	5853	5804	5750	5691	5627	5556	5483	5404	5316	5231
20	6209	6200	6196	6177	6161	6132	6108	6072	6037	5993	5950	5892	5830	5758	5677	5590	5494	5386	5282
25	6369	6357	6349	6322	6299	6261	6232	6191	6158	6116	6078	6027	5973	5902	5819	5730	5623	5495	5376
30	6541	6525	6510	6476	6444	6398	6359	6312	6281	6245	6213	6169	6127	6073	6002	5913	5799	5657	5517
35	6729	6705	6682	6638	6599	6544	6499	6454	6425	6395	6371	6344	6316	6274	6215	6127	6008	5852	5695
40	6845	6825	6809	6769	6735	6682	6648	6616	6595	6578	6567	6550	6524	6492	6445	6369	6249	6088	5909
45	6699	6695	6723	6715	6731	6719	6736	6743	6767	6790	6789	6761	6721	6665	6591	6483	6340	6144	5928
50	5986	6013	6118	6179	6311	6416	6566	6690	6855	7001	7028	7021	6898	6789	6674	6542	6373	6149	5920
55	4400	4449	4656	4838	5160	5428	5793	6126	6567	6985	7256	7355	7255	7114	6876	6671	6432	6169	5940
60	2672	2664	2740	2786	3000	3356	4068	4688	5497	6336	7091	7543	7664	7624	7352	7051	6659	6330	6091
65	1380	1405	1501	1547	1647	1687	1843	2164	3342	4629	6207	7169	7765	8102	8113	7892	7304	6781	6386
70	672	670	687	680	756	790	857	917	1183	2143	4087	5921	7332	7787	8281	8326	8051	7384	6597
75	351	342	342	348	370	399	453	507	593	907	1925	3415	4727	5408	5661	5757	5677	5503	5036
80	165	162	169	165	174	181	206	211	256	342	775	1415	1980	2185	2202	2122	2120	2135	2077
85	37.4	43.6	47.7	46.1	50.4	51.8	56.5	57.8	66.0	78.5	188	323	371	380	410	307	233	304	286
90	0.63	0.88	1.05	0.97	1.11	1.01	1.28	1.13	2.36	1.27	1.84	1.72	2.62	2.48	3.30	3.01	3.57	5.21	4.61
95	0.65	0.57	0.66	0.60	0.68	0.63	0.75	0.70	0.81	0.83	1.13	1.55	2.14	2.81	3.38	4.07	4.46	5.82	6.37
100	1.01	0.98	1.03	0.98	1.06	1.03	1.13	1.12	1.27	1.47	2.06	2.87	3.77	4.86	5.72	6.74	7.38	8.95	9.64
105	1.64	1.62	1.68	1.65	1.71	1.69	1.79	1.83	2.08	2.54	3.35	4.48	5.66	6.94	8.04	9.21	10.1	11.6	12.3
110	2.49	2.46	2.51	2.47	2.54	2.52	2.63	2.74	3.15	3.86	4.85	6.05	7.29	8.59	9.82	11.0	12.1	13.5	14.1
115	3.38	3.33	3.36	3.31	3.38	3.38	3.53	3.77	4.35	5.15	6.20	7.32	8.51	9.65	10.9	12.1	13.2	14.6	15.2
120	4.23	4.16	4.20	4.16	4.21	4.20	4.42	4.75	5.43	6.22	7.18	8.10	9.11	10.1	11.3	12.5	13.5	14.8	15.4
125	4.84	4.76	4.81	4.74	4.85	4.90	5.22	5.62	6.32	7.01	7.82	8.56	9.47	10.4	11.5	12.6	13.4	14.5	15.1
130	5.25	5.15	5.22	5.16	5.37	5.49	5.90	6.35	7.02	7.59	8.30	8.95	9.81	10.7	11.7	12.6	13.2	13.8	14.4
135	5.58	5.50	5.62	5.62	5.88	6.08	6.54	6.97	7.59	8.09	8.75	9.38	10.2	10.9	11.8	12.6	13.0	13.3	13.9
140	6.04	5.99	6.13	6.18	6.47	6.73	7.20	7.57	8.12	8.56	9.18	9.74	10.4	11.1	11.8	12.5	12.8	13.0	13.5
145	6.67	6.66	6.82	6.92	7.21	7.44	7.86	8.20	8.68	9.05	9.60	10.1	10.7	11.2	11.8	12.4	12.8	12.9	13.2
150	7.52	7.53	7.70	7.77	8.01	8.19	8.55	8.81	9.26	9.58	10.1	10.5	11.0	11.4	12.0	12.4	12.8	12.9	13.1
155	8.52	8.51	8.64	8.67	8.88	8.98	9.32	9.54	9.92	10.2	10.6	10.9	11.4	11.7	12.2	12.5	12.9	13.0	13.1
160	9.61	9.55	9.68	9.70	9.85	9.93	10.2	10.3	10.7	10.9	11.2	11.5	11.8	12.1	12.5	12.7	13.1	13.1	13.2
165	10.8	10.7	10.8	10.8	10.9	11.0	11.2	11.3	11.5	11.7	11.9	12.1	12.4	12.6	12.8	13.0	13.3	13.4	13.4
170	12.0	11.9	12.0	12.0	12.1	12.1	12.2	12.2	12.5	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.7	13.9	13.7
175	13.1	13.0	13.1	13.0	13.2	13.1	13.2	13.2	13.3	13.3	13.4	13.4	13.6	13.6	13.8	13.9	14.1	14.4	14.1
180	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.1	14.1	14.2	14.3	14.5	14.5

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-30

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:221.36V I:0.5395A P:116.82W PF:0.9782 Freq:50.00Hz Lamp Flux:20825.7x1 lm		
NAME: Skylite	TYPE: LED	WEIGHT: 3
SPEC.: AL6740114G 120w4000K 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	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245
5	5195	5167	5136	5108	5079	5054	5026	5002	4979	4959	4941	4924	4913	4902	4894	4889	4888	4888	4894
10	5158	5101	5041	4982	4921	4866	4809	4757	4709	4662	4624	4587	4560	4535	4521	4509	4507	4508	4521
15	5143	5058	4965	4875	4779	4687	4598	4510	4429	4349	4281	4214	4167	4122	4096	4075	4074	4078	4104
20	5168	5054	4930	4806	4672	4537	4401	4266	4136	4008	3895	3788	3708	3635	3593	3558	3561	3568	3608
25	5238	5094	4930	4763	4576	4386	4195	4000	3811	3625	3465	3315	3206	3108	3052	3008	3007	3014	3066
30	5354	5175	4963	4738	4490	4231	3964	3699	3451	3211	3011	2834	2708	2606	2547	2505	2497	2502	2546
35	5509	5298	5035	4738	4405	4054	3701	3356	3048	2773	2568	2420	2329	2263	2223	2196	2188	2190	2212
40	5678	5411	5081	4693	4254	3791	3347	2939	2615	2386	2250	2157	2099	2058	2031	2015	2009	2011	2025
45	5683	5396	5038	4596	4066	3497	2985	2570	2331	2196	2107	2042	1999	1979	1965	1965	1960	1967	1969
50	5667	5381	5021	4556	3958	3279	2715	2419	2276	2183	2118	2085	2066	2068	2067	2078	2072	2075	2069
55	5696	5442	5110	4606	3876	3001	2501	2303	2182	2105	2070	2062	2072	2093	2108	2120	2122	2121	2108
60	5867	5565	5113	4407	3441	2391	2123	1976	1892	1845	1849	1849	1829	1777	1757	1724	1733	1733	1769
65	5937	5402	4691	3716	2590	1694	1495	1363	1324	1303	1279	1197	1178	1147	1141	1101	1107	1104	1138
70	5759	4846	3850	2431	1246	801	731	655	670	609	583	548	572	588	630	632	637	624	609
75	4446	3488	2225	957	399	340	328	316	304	288	277	267	271	284	308	315	321	311	295
80	1710	1279	660	231	173	162	147	141	141	132	131	128	130	121	123	122	126	120	121
85	193	85.8	63.6	51.0	48.0	41.0	39.1	35.7	36.1	33.6	34.4	31.4	32.0	28.7	28.6	26.7	28.7	25.5	27.4
90	4.67	3.92	3.57	2.95	2.46	1.81	1.29	0.97	0.71	0.81	0.61	0.65	0.57	0.61	0.55	0.59	0.55	0.57	0.55
95	6.36	6.35	5.78	5.22	4.33	3.47	2.51	1.73	1.21	0.94	0.93	0.85	0.88	0.79	0.85	0.75	0.81	0.74	0.82
100	9.78	9.72	9.05	8.26	7.08	6.02	4.71	3.52	2.48	1.89	1.66	1.57	1.54	1.46	1.46	1.39	1.43	1.39	1.45
105	12.6	12.5	11.8	11.0	9.80	8.64	7.31	6.05	4.68	3.81	3.17	2.94	2.76	2.67	2.62	2.57	2.57	2.57	2.60
110	14.4	14.3	13.8	13.0	12.0	11.0	9.87	8.69	7.34	6.36	5.54	5.16	4.81	4.68	4.50	4.51	4.43	4.50	4.51
115	15.6	15.5	15.2	14.5	13.8	12.9	12.1	11.0	9.91	9.02	8.18	7.80	7.40	7.26	7.02	7.05	6.92	7.04	6.99
120	15.7	15.8	15.6	15.2	14.7	14.0	13.5	12.9	12.1	11.5	10.8	10.5	10.1	10.0	9.80	9.86	9.72	9.81	9.74
125	15.3	15.5	15.4	15.2	14.9	14.5	14.3	14.0	13.7	13.4	13.1	12.9	12.6	12.5	12.4	12.5	12.4	12.4	12.4
130	14.7	15.0	15.0	15.0	14.9	14.8	14.7	14.6	14.6	14.6	14.5	14.6	14.5	14.5	14.5	14.5	14.5	14.5	14.5
135	14.1	14.4	14.6	14.8	14.7	14.8	14.8	14.9	15.0	15.0	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.7	15.7
140	13.7	14.0	14.2	14.5	14.6	14.8	14.8	15.0	15.1	15.2	15.4	15.6	15.7	15.8	16.0	16.1	16.1	16.1	16.1
145	13.4	13.8	13.9	14.2	14.3	14.7	14.7	14.9	15.0	15.2	15.4	15.6	15.7	15.9	16.0	16.1	16.1	16.1	16.0
150	13.4	13.6	13.8	14.1	14.2	14.4	14.6	14.9	14.9	15.3	15.4	15.6	15.7	15.9	15.9	16.1	16.0	16.1	15.9
155	13.4	13.6	13.8	14.0	14.1	14.4	14.5	14.8	14.9	15.2	15.2	15.5	15.6	15.8	15.8	15.9	15.8	15.9	15.7
160	13.5	13.6	13.8	13.9	14.1	14.3	14.4	14.7	14.8	15.1	15.1	15.4	15.4	15.6	15.6	15.7	15.6	15.7	15.5
165	13.7	13.6	13.9	14.0	14.2	14.3	14.4	14.7	14.7	15.0	14.9	15.2	15.2	15.4	15.3	15.5	15.3	15.4	15.3
170	13.9	13.9	14.1	14.0	14.2	14.3	14.4	14.6	14.6	14.8	14.8	15.0	14.9	15.1	15.0	15.2	15.0	15.1	15.0
175	14.2	14.1	14.2	14.2	14.2	14.3	14.3	14.5	14.4	14.6	14.5	14.7	14.6	14.8	14.6	14.8	14.7	14.8	14.6
180	14.3	14.1	14.1	14.1	14.1	14.1	14.1	14.2	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-30

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:221.36V I:0.5395A P:116.82W PF:0.9782 Freq:50.00Hz Lamp Flux:20825.7x1 lm																	
NAME: Skylite									TYPE: LED						WEIGHT: 3		
SPEC.: AL6740114G 120w4000K 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	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245	5245				
5	4901	4911	4922	4939	4956	4977	4998	5021	5046	5072	5101	5128	5158	5186	5216				
10	4537	4563	4591	4628	4667	4712	4760	4810	4865	4919	4977	5034	5093	5150	5209				
15	4133	4182	4232	4297	4364	4441	4521	4607	4694	4785	4879	4966	5058	5143	5229				
20	3656	3732	3810	3916	4024	4150	4275	4409	4543	4679	4815	4940	5067	5180	5294				
25	3125	3225	3334	3482	3639	3821	4008	4203	4395	4585	4769	4939	5103	5247	5383				
30	2605	2713	2841	3017	3214	3452	3700	3968	4235	4493	4738	4965	5178	5354	5515				
35	2249	2318	2414	2566	2771	3044	3351	3695	4047	4392	4715	5003	5258	5467	5652				
40	2052	2094	2158	2257	2398	2633	2966	3378	3821	4268	4681	5043	5351	5604	5826				
45	1987	2009	2056	2120	2213	2353	2607	3042	3563	4113	4603	5003	5324	5582	5801				
50	2071	2069	2092	2127	2196	2292	2442	2772	3361	4011	4557	4973	5311	5581	5817				
55	2089	2063	2049	2053	2085	2162	2273	2482	3045	3881	4558	5047	5385	5625	5851				
60	1789	1840	1839	1821	1810	1851	1926	2063	2381	3414	4329	4996	5463	5776	6026				
65	1141	1168	1190	1260	1256	1271	1303	1429	1626	2556	3684	4599	5321	5910	6429				
70	561	539	528	567	594	638	629	707	764	1231	2423	3820	4828	5754	6592				
75	272	266	261	275	285	308	316	330	338	415	972	2152	3248	4140	4533				
80	122	127	122	125	126	135	132	141	151	163	211	511	917	1222	1515				
85	26.8	29.2	28.0	30.1	28.6	30.3	29.4	31.4	32.4	36.8	39.5	49.5	58.2	96.7	147				
90	0.58	0.56	0.69	0.61	0.81	0.76	1.01	1.38	1.88	2.40	2.97	3.33	3.73	3.68	3.77				
95	0.78	0.88	0.84	0.96	1.02	1.40	1.98	2.78	3.76	4.60	5.60	6.28	6.95	6.97	6.97				
100	1.45	1.55	1.57	1.76	2.13	2.81	3.85	4.90	6.14	7.25	8.52	9.45	10.3	10.4	10.3				
105	2.67	2.78	3.02	3.36	4.12	5.00	6.24	7.36	8.66	9.86	11.2	12.2	13.0	13.2	13.1				
110	4.70	4.84	5.28	5.73	6.62	7.54	8.78	9.89	11.1	12.2	13.3	14.3	15.0	15.2	15.0				
115	7.25	7.41	7.91	8.37	9.22	10.1	11.2	12.2	13.3	14.3	15.2	16.0	16.3	16.4	15.9				
120	10.00	10.1	10.6	11.0	11.6	12.3	13.2	14.1	15.0	15.8	16.3	16.6	16.6	16.4	16.0				
125	12.5	12.6	13.0	13.3	13.8	14.3	14.9	15.5	15.9	16.2	16.4	16.3	16.2	15.8	15.4				
130	14.5	14.6	14.8	15.0	15.3	15.6	15.8	16.0	16.0	16.0	15.9	15.6	15.4	15.0	14.7				
135	15.7	15.8	15.8	15.9	16.0	15.9	16.0	15.9	15.9	15.6	15.5	15.1	14.8	14.3	14.1				
140	16.0	16.0	16.0	16.0	16.0	15.9	15.9	15.7	15.6	15.3	15.2	14.8	14.4	13.9	13.7				
145	16.0	15.8	15.9	15.8	15.9	15.7	15.7	15.4	15.3	15.0	14.9	14.6	14.3	13.8	13.4				
150	15.9	15.7	15.7	15.5	15.6	15.4	15.4	15.2	15.1	14.9	14.7	14.4	14.3	13.8	13.4				
155	15.8	15.5	15.6	15.3	15.4	15.1	15.2	14.9	14.9	14.7	14.6	14.3	14.2	13.9	13.4				
160	15.5	15.3	15.4	15.1	15.1	14.9	14.9	14.7	14.7	14.5	14.4	14.2	14.1	14.0	13.6				
165	15.3	15.1	15.2	14.9	15.0	14.8	14.8	14.5	14.5	14.3	14.3	14.1	14.1	14.0	13.7				
170	15.1	14.9	15.0	14.7	14.8	14.6	14.6	14.4	14.4	14.2	14.3	14.1	14.1	14.1	14.0				
175	14.7	14.5	14.6	14.4	14.5	14.3	14.5	14.3	14.3	14.2	14.2	14.1	14.2	14.2	14.2				
180	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.2	14.3				

C Range: 0 - 360DEG
C Interval: 5.0DEG
Test Speed: HIGH
Temperature:25.0℃
Operators:yangbin
Test Date:2023-11-30

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: