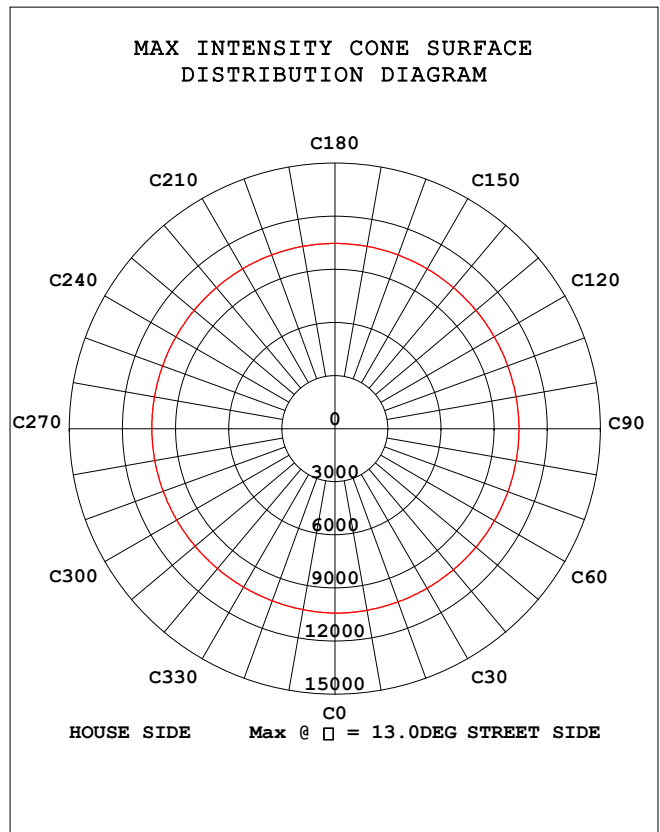
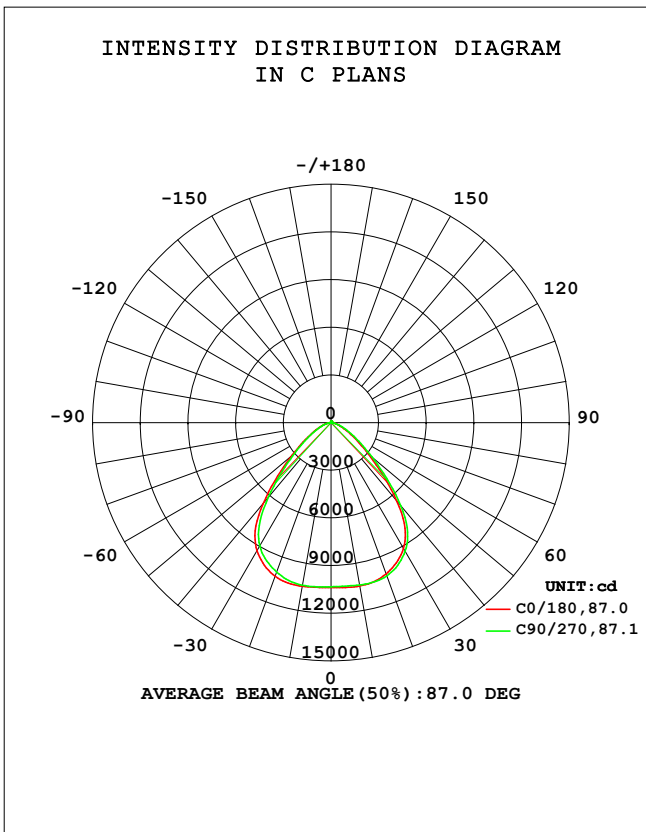


STREETLIGHT PHOTOMETRIC TEST REPORT

Test:U:121.3V I:1.219A P:150W PF:0.9979 Freq:59.98Hz Lamp Flux:21750 x1 lm		
NAME: ASD-UHB3-150ADAC-WH-150W-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP.	SUR.:0.235*0.235m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 145 lm/W			
MODEL		I _{max} (cd)	10470	<input type="checkbox"/> street_up (%)	0.5
NOMINAL POWER (W)	150	LOR (%)	100.0	<input type="checkbox"/> street_down (%)	50.6
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	21750	<input type="checkbox"/> house_up (%)	0.5
NOMINAL FLUX (lm)	21750	MAXIMUM @ (C, <input type="checkbox"/>)	180,13.0	<input type="checkbox"/> house_down (%)	48.5
LAMPS INSIDE	1	<input type="checkbox"/> up (%)	1.0	76 FLASHAREA (m2)	0.05000
TEST VOLTAGE (V)	120	<input type="checkbox"/> down (%)	99.0	SLI	20.920

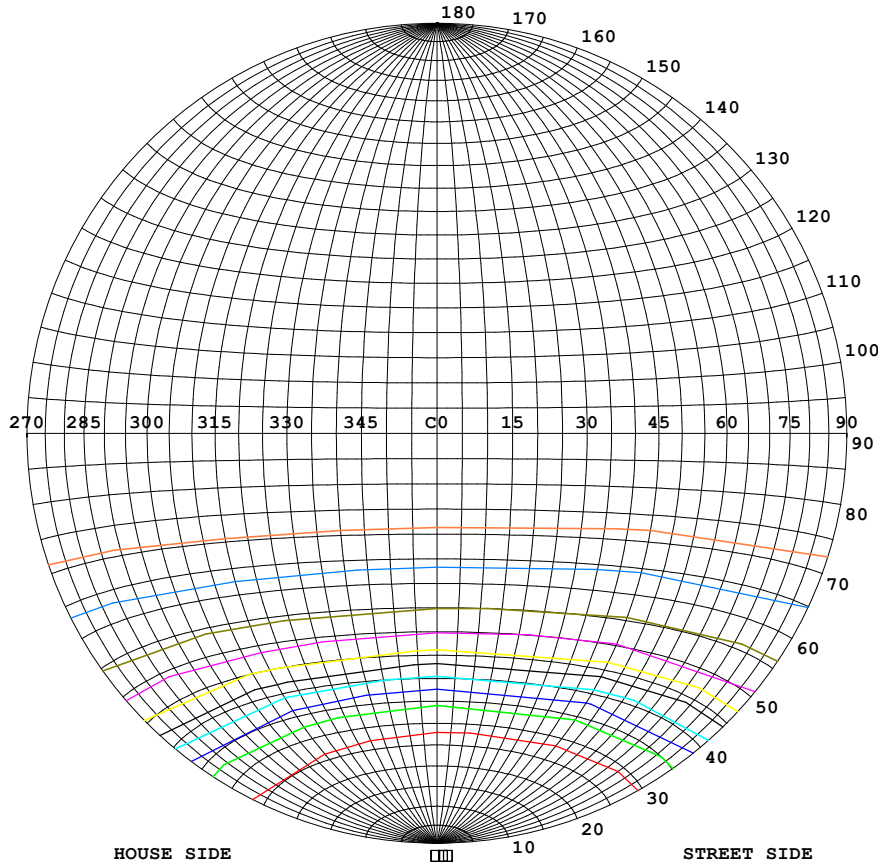


C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: lianghaizhu
 Test Date: 2023-03-10

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity: 56%
 Test Distance: 6.500m [K=1.0000]
 Remarks:

STREETLIGHT ISOCANDELA DIAGRAM

Test:U:121.3V I:1.219A P:150W PF:0.9979 Freq:59.98Hz Lamp Flux:21750 x1 lm		
NAME: ASD-UHB3-150ADAC-WH-150W-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP.	SUR.:0.235*0.235m	Shielding Angle:



Classification:

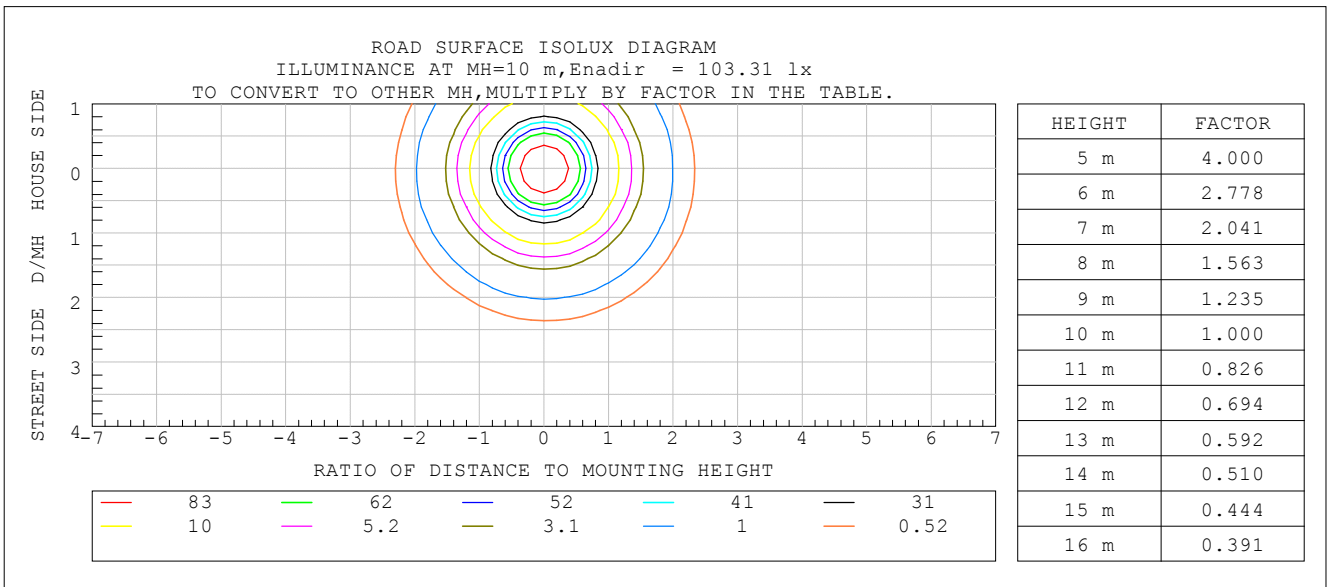
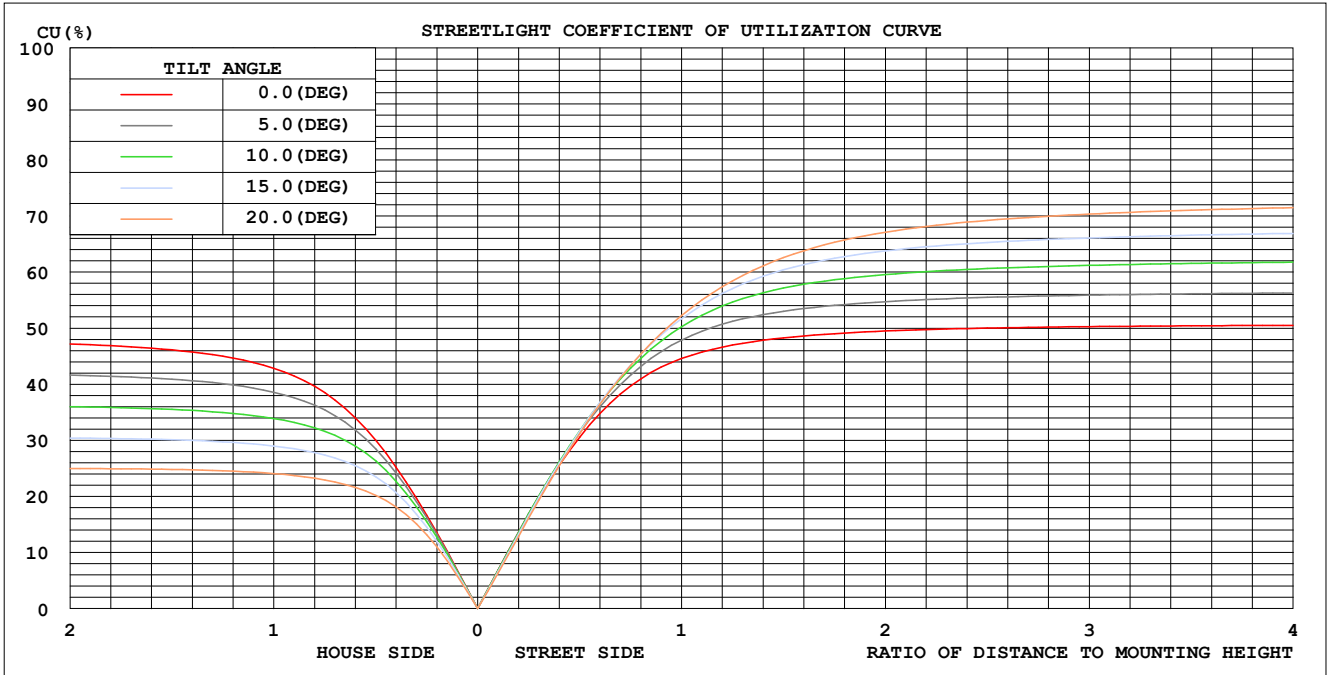
IES:Type V - Very Short
 CIE:Narrow - Short
 IES:Cut-off
 CIE:Full cut-off
 Max.At80:10.72cd/klm
 Max.At90:0.5716cd/klm
 Max.80-90:10.72cd/klm

ISOCANDELA DIAGRAM	
UNIT	cd
I _{max} =100%	10470
90%	9423
80%	8376
70%	7329
60%	6282
50%	5235
40%	4188
30%	3141
20%	2094
10%	1047
5%	524

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:lianghaizhu
 Test Date:2023-03-10

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

COEFFICIENT OF UTILIZATION CURVE
AND ISOLUX DIAGRAM



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: lianghaizhu
 Test Date: 2023-03-10

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity: 56%
 Test Distance: 6.500m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

Test:U:121.3V I:1.219A P:150W PF:0.9979 Freq:59.98Hz Lamp Flux:21750 x1 lm		
NAME: ASD-UHB3-150ADAC-WH-150W-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP.	SUR.:0.235*0.235m	Shielding Angle:

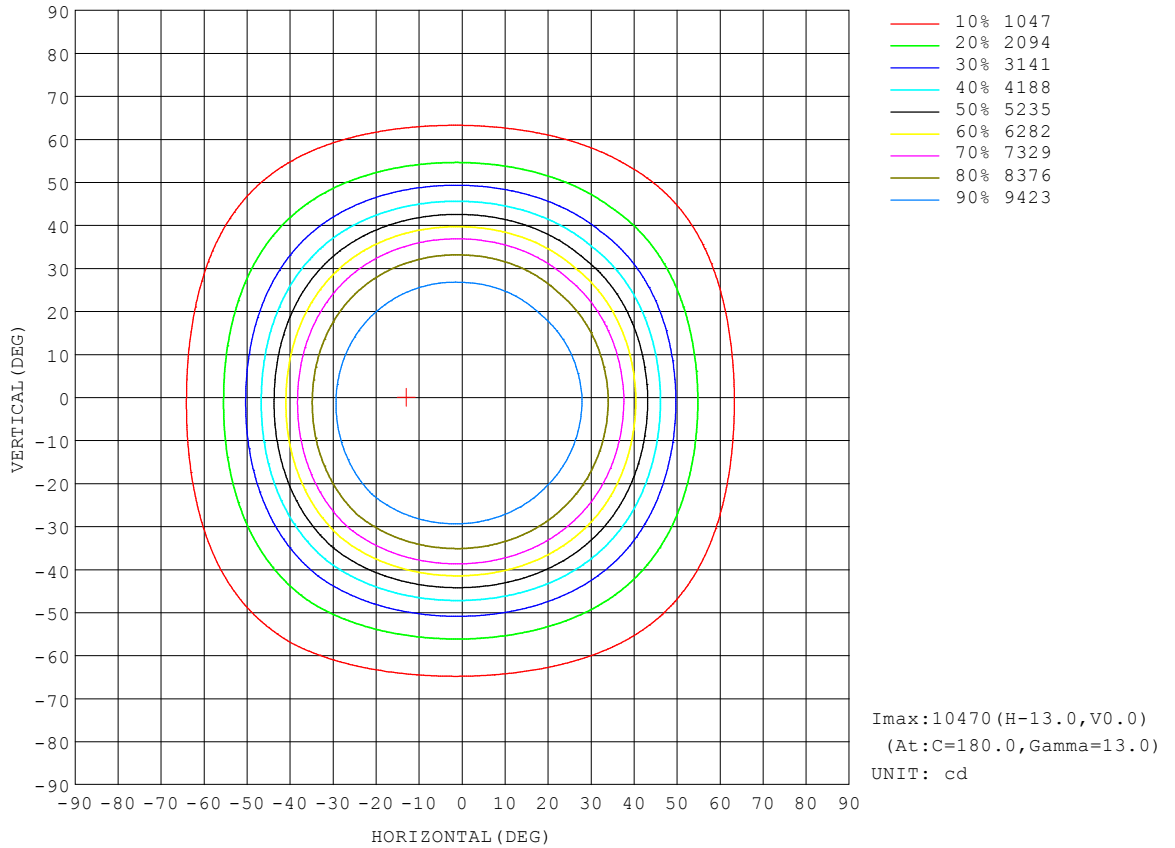
mm	C0	C45	C90	C135	C180	C225	C270	C315	mm	zone	total	lum,lamp
10	1044	1040	1037	1037	1046	1042	1039	1037	0- 10	991.2	991.2	4.79,4.79
20	1014	1018	1027	1035	1029	1013	1001	997.0	10- 20	2927	3918	19,19
30	913.7	918.0	933.9	947.9	932.4	912.7	897.2	889.8	20- 30	4499	8417	40.7,40.7
40	644.1	659.2	685.9	709.5	665.6	642.4	614.8	594.1	30- 40	5032	13449	65.1,65.1
50	306.8	321.5	336.8	350.2	321.8	311.9	296.6	280.4	40- 50	3620	17069	82.6,82.6
60	137.8	146.5	155.1	159.4	145.3	142.0	136.0	128.3	50- 60	1951	19020	92,92
70	58.98	64.09	66.37	69.90	63.23	61.11	58.80	55.28	60- 70	969.6	19990	96.7,96.7
80	18.49	19.38	20.02	22.17	19.20	18.96	18.28	16.35	70- 80	405.9	20396	98.7,98.7
90	1.172	1.182	1.102	1.020	0.6815	0.9670	0.9631	1.064	80- 90	80.80	20476	99,99
100	1.027	1.003	0.9698	0.9263	0.9471	0.9628	1.003	1.032	90-100	9.496	20486	99.1,99.1
110	1.784	1.722	1.697	1.607	1.669	1.675	1.760	1.783	100-110	13.98	20500	99.2,99.2
120	2.787	2.669	2.675	2.521	2.637	2.615	2.750	2.753	110-120	21.57	20521	99.3,99.3
130	3.938	3.747	3.806	3.576	3.788	3.704	3.907	3.860	120-130	28.87	20550	99.4,99.4
140	4.977	4.814	4.832	4.630	4.904	4.789	4.995	4.945	130-140	33.48	20584	99.6,99.6
150	5.838	5.853	5.715	5.657	5.821	5.897	5.917	6.010	140-150	33.61	20617	99.7,99.7
160	6.797	6.725	6.688	6.561	6.830	6.822	6.903	6.926	150-160	29.02	20646	99.9,99.9
170	7.734	7.612	7.635	7.504	7.781	7.691	7.811	7.769	160-170	20.43	20667	100,100
180	8.212	8.125	8.191	8.102	8.231	8.112	8.193	8.105	170-180	7.543	20674	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:lianghaizhu
 Test Date:2023-03-10

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

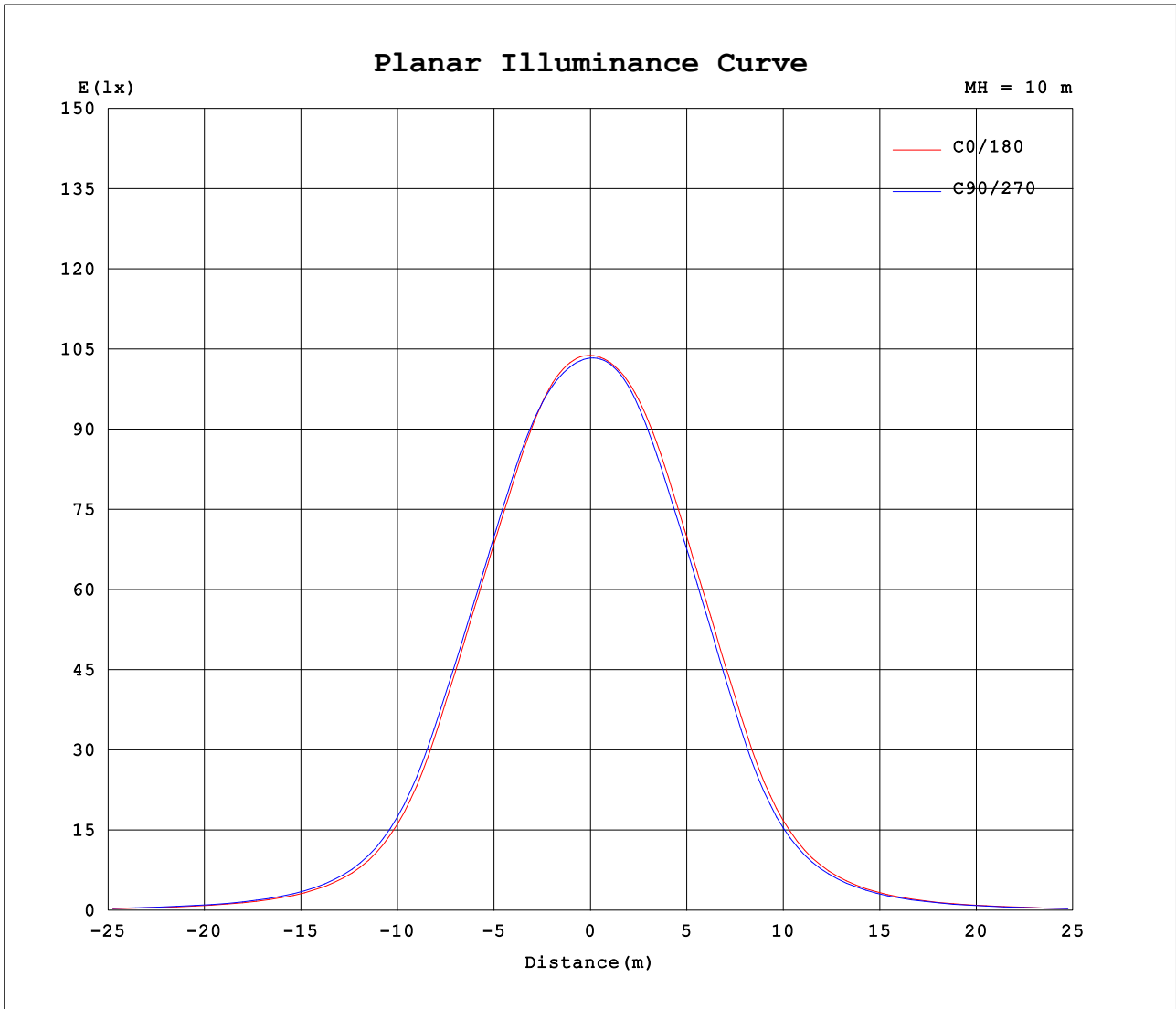
Test:U:121.3V I:1.219A P:150W PF:0.9979 Freq:59.98Hz Lamp Flux:21750 x1 lm		
NAME: ASD-UHB3-150ADAC-WH-150W-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP.	SUR.:0.235*0.235m	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:lianghaizhu
 Test Date:2023-03-10

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

Planar Illuminance Curve



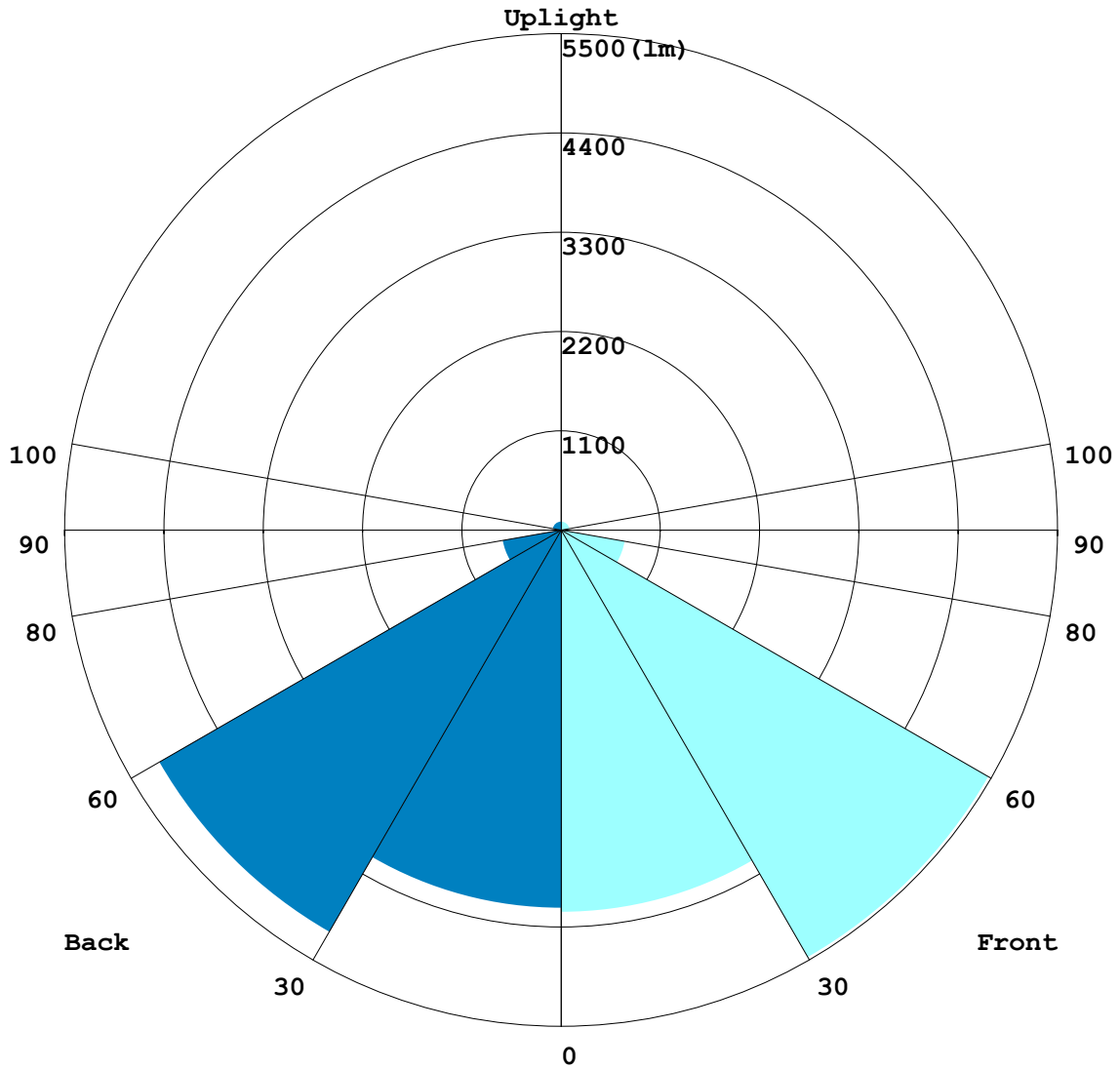
C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature: 25.1DEG
 Operators: lianghaizhu
 Test Date: 2023-03-10

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity: 56%
 Test Distance: 6.500m [K=1.0000]
 Remarks:

LCS REPORT

Test:U:121.3V I:1.219A P:150W PF:0.9979 Freq:59.98Hz Lamp Flux:21750 x1 lm		
NAME: ASD-UHB3-150ADAC-WH-150W-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP.	SUR.:0.235*0.235m	Shielding Angle:

LUMINAIRE CLASSIFICATION SYSTEM(LCS) GRAPH



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:lianghaizhu
 Test Date:2023-03-10

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

BUG REPORT

Test:U:121.3V I:1.219A P:150W PF:0.9979 Freq:59.98Hz Lamp Flux:21750 x1 lm		
NAME: ASD-UHB3-150ADAC-WH-150W-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP.	SUR.:0.235*0.235m	Shielding Angle:

IESNA Luminaire Flux Distribution Table:

Zone	Lumens	Luminaire %
FL - Front-Low(0-30)	4232	20.5
FM - Front-Medium(30-60)	5464.1	26.4
FH - Front-High(60-80)	716.74	3.5
FVH - Front-Very High(80-90)	43.316	0.2
Total Forward Light	10555	51.1

BL - Back-Low(0-30)	4185	20.2
BM - Back-Medium(30-60)	5138.9	24.9
BH - Back-High(60-80)	658.82	3.2
BVH - Back-Very High(80-90)	37.488	0.2
Total Back Light	10120	48.9

UL - Uplight-Low(90-100)	9.4959	0.0
UH - Uplight-High(100-180)	188.51	0.9
Total Up Light	198.01	1.0

BUG(Back,Up,Glare) Rating	B4-U3-G1
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Zone	Downward Lumens	Upward Lumens	Total Lumens
House Side	10020	99.652	10120
Street Side	10456	98.357	10555

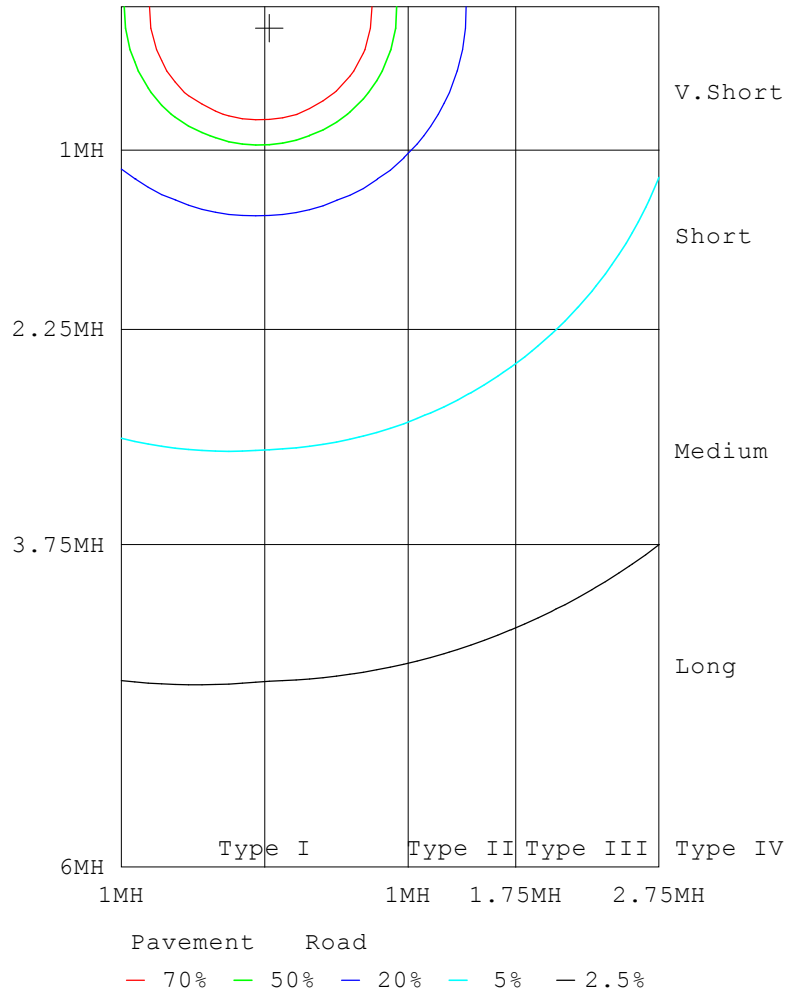
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:lianghaizhu
Test Date:2023-03-10

Range: 0 - 180DEG
 Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
Humidity:56%
Test Distance:6.500m [K=1.0000]
Remarks:

ROAD ISOCANDELA REPORT

Test:U:121.3V I:1.219A P:150W PF:0.9979 Freq:59.98Hz Lamp Flux:21750 x1 lm		
NAME: ASD-UHB3-150ADAC-WH-150W-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP.	SUR.:0.235*0.235m	Shielding Angle:

ROAD SURFACE ISOCANDELA DIAGRAM



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:lianghaizhu
 Test Date:2023-03-10

Range: 0 - 180DEG
 Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:121.3V I:1.219A P:150W PF:0.9979 Freq:59.98Hz Lamp Flux:21750 x1 lm		
NAME: ASD-UHB3-150ADAC-WH-150W-3000K	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: ASD LIGHTING CORP.	SUR.:0.235*0.235m	Shielding Angle:

Table--1

UNIT: x10cd

C (DEG) □ (DEG)	0	45	90	135	180	225	270	315										
0	1038	1035	1033	1033	1038	1035	1033	1033										
5	1041	1036	1033	1032	1040	1039	1038	1037										
10	1044	1040	1037	1037	1046	1042	1039	1037										
15	1038	1038	1039	1042	1046	1037	1029	1025										
20	1014	1018	1027	1035	1029	1013	1001	997										
25	974	978	992	1004	992	973	960	956										
30	914	918	934	948	932	913	897	890										
35	813	821	841	860	833	812	790	776										
40	644	659	686	709	666	642	615	594										
45	457	472	496	516	476	461	437	416										
50	307	322	337	350	322	312	297	280										
55	206	218	229	237	217	211	202	191										
60	138	147	155	159	145	142	136	128										
65	90.9	98.1	103	107	97.2	94.3	90.3	85.1										
70	59.0	64.1	66.4	69.9	63.2	61.1	58.8	55.3										
75	35.8	38.3	39.4	42.3	37.9	36.9	35.6	33.1										
80	18.5	19.4	20.0	22.2	19.2	19.0	18.3	16.3										
85	6.08	6.20	6.73	8.13	6.02	6.18	5.69	4.38										
90	1.17	1.18	1.10	1.02	0.68	0.97	0.96	1.06										
95	0.83	0.87	0.74	0.83	0.71	0.85	0.74	0.84										
100	1.03	1.00	0.97	0.93	0.95	0.96	1.00	1.03										
105	1.37	1.33	1.30	1.23	1.27	1.28	1.34	1.37										
110	1.78	1.72	1.70	1.61	1.67	1.68	1.76	1.78										
115	2.26	2.17	2.16	2.04	2.14	2.12	2.23	2.25										
120	2.79	2.67	2.68	2.52	2.64	2.62	2.75	2.75										
125	3.36	3.21	3.23	3.05	3.20	3.16	3.32	3.31										
130	3.94	3.75	3.81	3.58	3.79	3.70	3.91	3.86										
135	4.50	4.29	4.36	4.11	4.37	4.25	4.45	4.41										
140	4.98	4.81	4.83	4.63	4.90	4.79	4.99	4.95										
145	5.41	5.40	5.28	5.21	5.36	5.40	5.47	5.55										
150	5.84	5.85	5.72	5.66	5.82	5.90	5.92	6.01										
155	6.30	6.27	6.18	6.09	6.31	6.32	6.39	6.46										
160	6.80	6.72	6.69	6.56	6.83	6.82	6.90	6.93										
165	7.30	7.19	7.19	7.05	7.35	7.29	7.40	7.39										
170	7.73	7.61	7.63	7.50	7.78	7.69	7.81	7.77										
175	8.06	7.95	7.99	7.88	8.09	7.98	8.09	8.02										
180	8.21	8.13	8.19	8.10	8.23	8.11	8.19	8.11										

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:lianghaizhu
 Test Date:2023-03-10

□ Range: 0 - 180DEG
 □ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.0.364
 Humidity:56%
 Test Distance:6.500m [K=1.0000]
 Remarks: