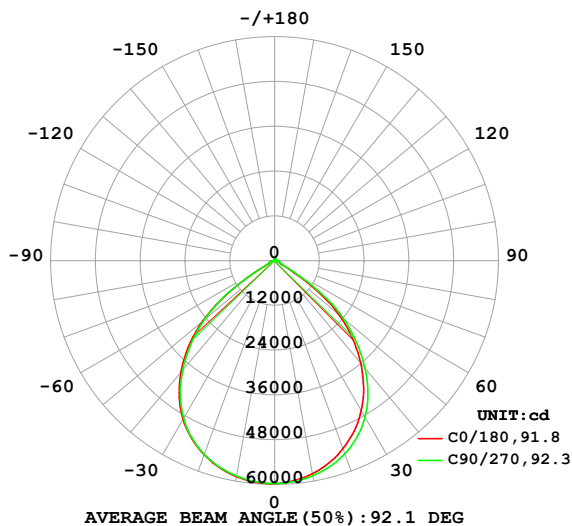


LUMINAIRE PHOTOMETRIC TEST REPORT

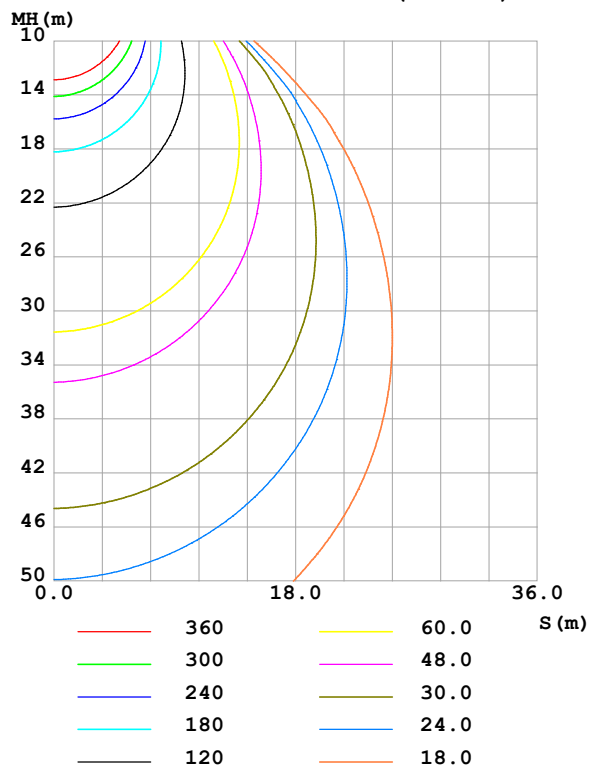
Test:U:119.86V I:6.1353A P:734.55W PF:0.9989 Freq:60.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:114459x1 lm		
NAME: ASD-WHB5B-ST-750	TYPE:	WEIGHT:
SPEC.: 750W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.: 1.04*0.37m	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 155.82 lm/W
MODEL	ASD-WHB5B-ST-750	I _{max} (cd)	59754	S/MH (C0/180)	1.22	
NOMINAL POWER (W)	750	LOR (%)	100.0	S/MH (C90/270)	1.22	
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	114459	η UP, DN (C0-180)	0.6, 48.8	
NOMINAL FLUX (lm)	114459	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.6, 49.9	
LAMPS INSIDE	1	η up (%)	1.3	CIBSE SHR NOM	1.25	
TEST VOLTAGE (V)	120	η down (%)	98.7	CIBSE SHR MAX	1.30	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: lianghaizhu-2
Test Date: 2025-07-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 9.770m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	5800	5823	5855	5878	5879	5873	5862	5822	0- 10	5641	5641	4.93,4.93
20	5361	5420	5503	5538	5533	5538	5523	5421	10- 20	16061	21702	19,19
30	4644	4702	4841	4888	4912	4894	4881	4713	20- 30	23852	45554	39.8,39.8
40	3592	3629	3772	3846	3916	3873	3833	3638	30- 40	26981	72535	63.4,63.4
50	2249	2288	2404	2454	2523	2472	2453	2275	40- 50	23878	96413	84.2,84.2
60	307.0	552.5	437.1	630.3	491.5	646.2	497.5	493.9	50- 60	12920	109333	95.5,95.5
70	123.5	140.2	131.9	162.1	148.9	163.4	134.8	139.3	60- 70	2274	111606	97.5,97.5
80	56.21	56.26	70.40	68.06	75.11	67.81	74.19	55.61	70- 80	1091	112697	98.5,98.5
90	2.748	2.756	2.607	3.563	4.420	3.931	3.613	3.537	80- 90	329.6	113027	98.7,98.7
100	5.071	5.644	6.051	5.156	5.476	6.427	7.198	6.755	90-100	42.53	113069	98.8,98.8
110	11.41	12.08	12.59	11.31	12.04	13.32	14.31	13.88	100-110	95.84	113165	98.9,98.9
120	19.78	19.89	20.17	19.06	20.70	21.55	22.39	22.28	110-120	164.8	113330	99,99
130	27.36	27.51	27.63	26.70	28.68	29.43	30.00	30.16	120-130	220.3	113550	99.2,99.2
140	34.20	34.67	34.41	33.60	35.74	36.38	36.75	37.40	130-140	246.8	113797	99.4,99.4
150	41.66	42.70	42.09	40.79	43.05	43.42	44.07	45.10	140-150	244.2	114041	99.6,99.6
160	49.95	50.46	49.43	48.41	50.82	50.06	50.55	51.97	150-160	214.9	114256	99.8,99.8
170	56.26	55.11	54.77	53.69	56.66	54.56	55.31	55.59	160-170	149.4	114406	100,100
180	58.39	56.74	57.38	56.56	58.41	56.72	57.40	56.57	170-180	53.63	114459	100,100
DEG	LUMINOUS INTENSITY:X10cd									UNIT:lm		

Conical surface Flux(90deg): 85272 lm

%lum = 74.5%

%lamp = 74.5%

Conical surface Flux(130deg): 1.1077e+005 lm

%lum = 96.8%

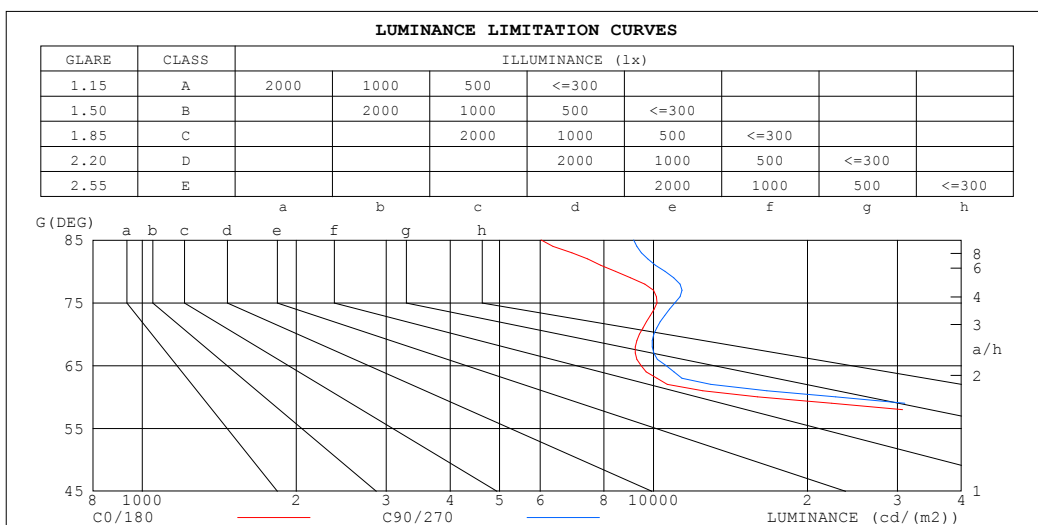
%lamp = 96.8%

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:lianghaizhu-2
 Test Date:2025-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:9.770m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:119.86V I:6.1353A P:734.55W PF:0.9989 Freq:60.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:114459x1 lm		
NAME: ASD-WHB5B-ST-750	TYPE:	WEIGHT:
SPEC.: 750W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.: 1.04*0.37m	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	6025	9140
80	8418	10536
75	10158	11011
70	9390	10020
65	9447	10584
60	15969	22719
55	58768	68057
50	90981	97187
45	108606	114403

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: lianghaizhu-2
Test Date: 2025-07-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 9.770m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:119.86V I:6.1353A P:734.55W PF:0.9989 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:114459x1 lm		
NAME: ASD-WHB5B-ST-750	TYPE:	WEIGHT:
SPEC.: 750W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.: 1.04*0.37m	Shielding Angle:

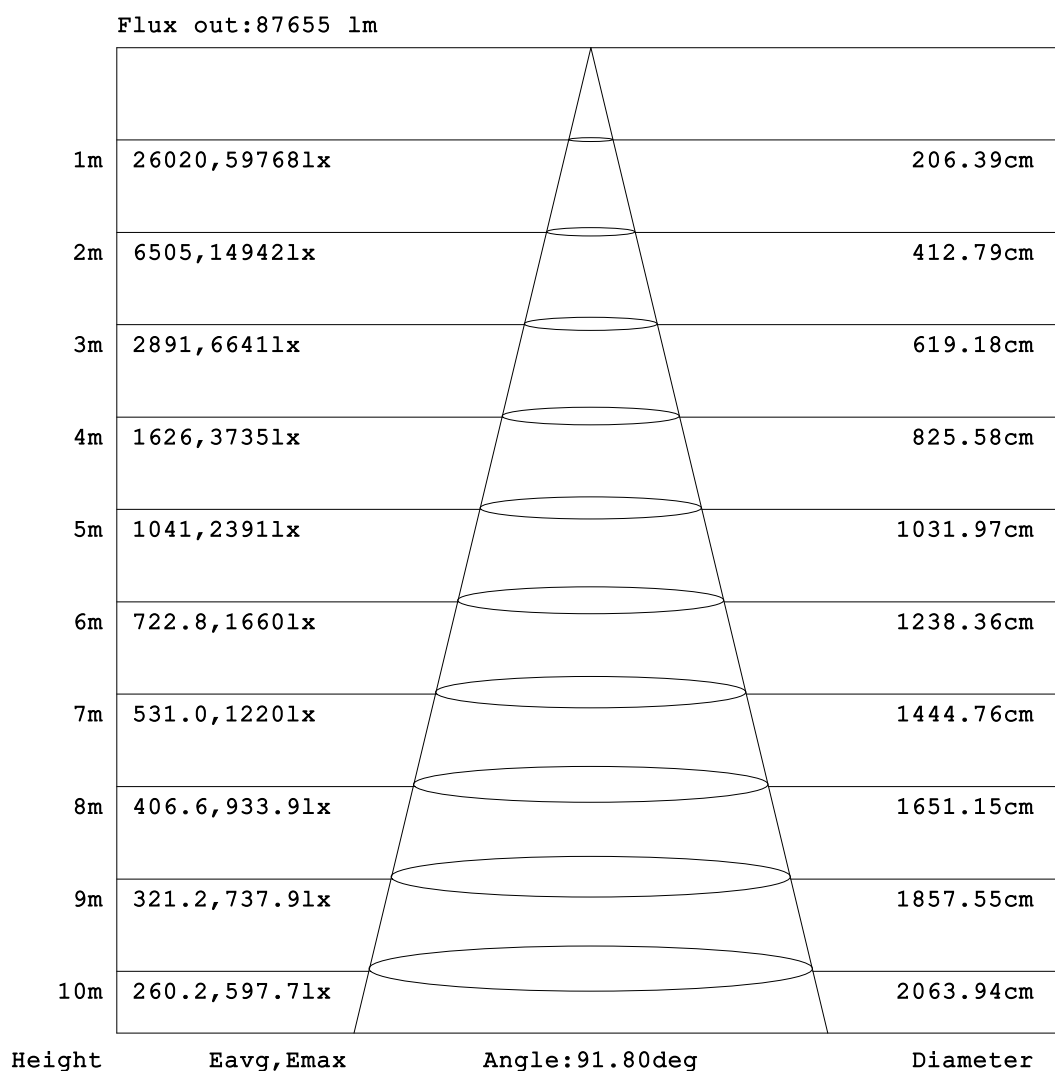


C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: lianghaizhu-2
Test Date: 2025-07-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 9.770m [K=1.0000]
Remarks:

AAI Figure

Test:U:119.86V I:6.1353A P:734.55W PF:0.9989 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:114459x1 lm		
NAME: ASD-WHB5B-ST-750	TYPE:	WEIGHT:
SPEC.: 750W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.: 1.04*0.37m	Shielding Angle:



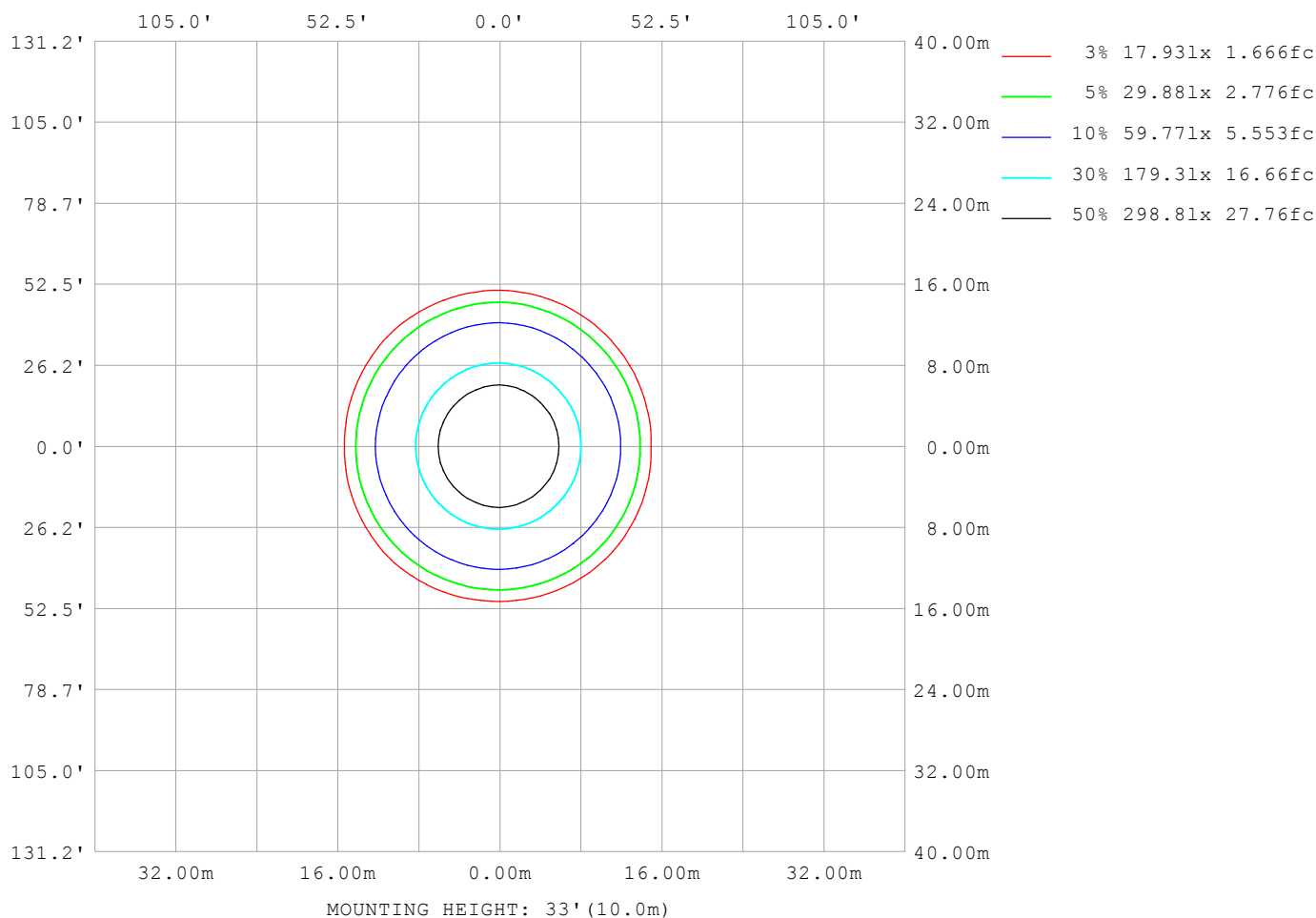
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:lianghaizhu-2
 Test Date:2025-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.488
 Humidity:65.0%
 Test Distance:9.770m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

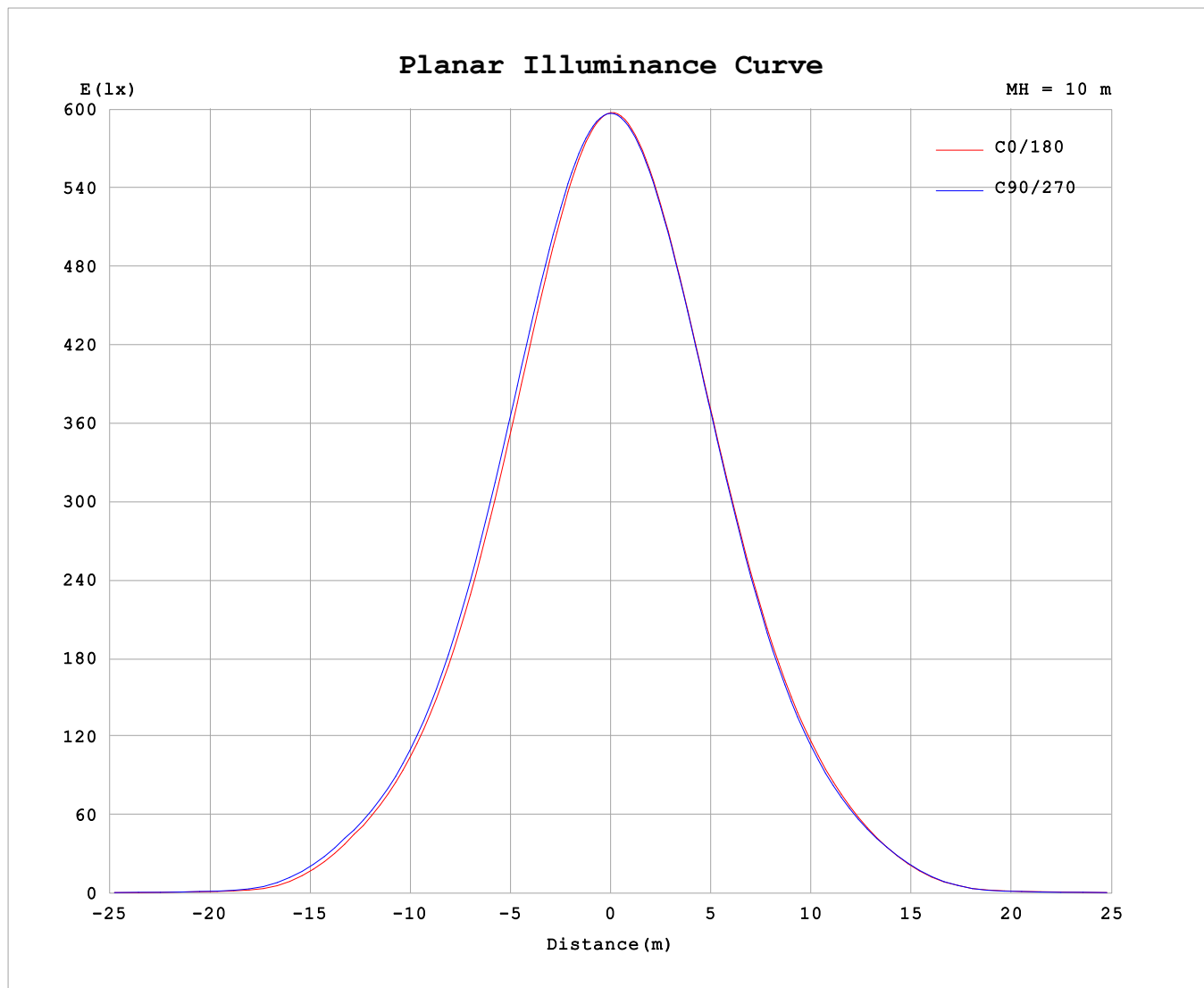
Test:U:119.86V I:6.1353A P:734.55W PF:0.9989 Freq:60.01Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:114459x1 lm		
NAME: ASD-WHB5B-ST-750	TYPE:	WEIGHT:
SPEC.: 750W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.: 1.04*0.37m	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:lianghaizhu-2
Test Date:2025-07-08

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity:65.0%
Test Distance:9.770m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: lianghaizhu-2
Test Date: 2025-07-08

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.488
Humidity: 65.0%
Test Distance: 9.770m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.86V I:6.1353A P:734.55W PF:0.9989 Freq:60.01Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:114459x1 lm		
NAME: ASD-WHB5B-ST-750	TYPE:	WEIGHT:
SPEC.: 750W-5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp.	SUR.: 1.04*0.37m	Shielding Angle:

Table--1

UNIT: X10cd

C (DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	5973	5973	5973	5973	5973	5973	5973	5973										
5	5919	5929	5942	5955	5957	5955	5943	5926										
10	5800	5823	5855	5878	5879	5873	5862	5822										
15	5616	5655	5713	5741	5738	5737	5724	5655										
20	5361	5420	5503	5538	5533	5538	5523	5421										
25	5041	5101	5220	5260	5264	5262	5248	5113										
30	4644	4702	4841	4888	4912	4894	4881	4713										
35	4160	4212	4358	4416	4460	4430	4406	4221										
40	3592	3629	3772	3846	3916	3873	3833	3638										
45	2953	2993	3113	3192	3280	3226	3185	2983										
50	2249	2288	2404	2454	2523	2472	2453	2275										
55	1296	1426	1502	1559	1534	1556	1549	1393										
60	307	553	437	630	492	646	498	494										
65	154	199	172	227	185	238	173	198										
70	124	140	132	162	149	163	135	139										
75	101	82.4	110	103	125	99.5	112	81.8										
80	56.2	56.3	70.4	68.1	75.1	67.8	74.2	55.6										
85	20.2	25.2	30.7	33.0	27.6	31.9	32.7	24.0										
90	2.75	2.76	2.61	3.56	4.42	3.93	3.61	3.54										
95	3.00	3.49	3.77	3.11	3.26	4.03	4.59	4.24										
100	5.07	5.64	6.05	5.16	5.48	6.43	7.20	6.75										
105	7.89	8.54	9.05	7.90	8.40	9.55	10.5	9.98										
110	11.4	12.1	12.6	11.3	12.0	13.3	14.3	13.9										
115	15.5	16.0	16.4	15.2	16.3	17.4	18.4	18.1										
120	19.8	19.9	20.2	19.1	20.7	21.6	22.4	22.3										
125	23.7	23.7	23.9	22.9	24.8	25.5	26.3	26.3										
130	27.4	27.5	27.6	26.7	28.7	29.4	30.0	30.2										
135	30.9	31.1	31.1	30.3	32.4	33.0	33.4	33.8										
140	34.2	34.7	34.4	33.6	35.7	36.4	36.8	37.4										
145	37.6	38.5	38.1	37.0	39.2	39.8	40.3	41.2										
150	41.7	42.7	42.1	40.8	43.1	43.4	44.1	45.1										
155	45.9	46.8	45.9	44.7	47.1	46.9	47.6	48.9										
160	49.9	50.5	49.4	48.4	50.8	50.1	50.5	52.0										
165	53.4	53.3	52.4	51.5	54.0	52.7	53.3	54.2										
170	56.3	55.1	54.8	53.7	56.7	54.6	55.3	55.6										
175	57.9	56.2	56.5	55.3	58.1	55.9	56.8	56.4										
180	58.4	56.7	57.4	56.6	58.4	56.7	57.4	56.6										

C Range: 0 - 360DEG

C Interval: 45.0DEG

Test Speed: HIGH

Temperature:25.3℃

Operators:lianghaizhu-2

Test Date:2025-07-08

γ Range: 0 - 180DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.488

Humidity:65.0%

Test Distance:9.770m [K=1.0000]

Remarks: