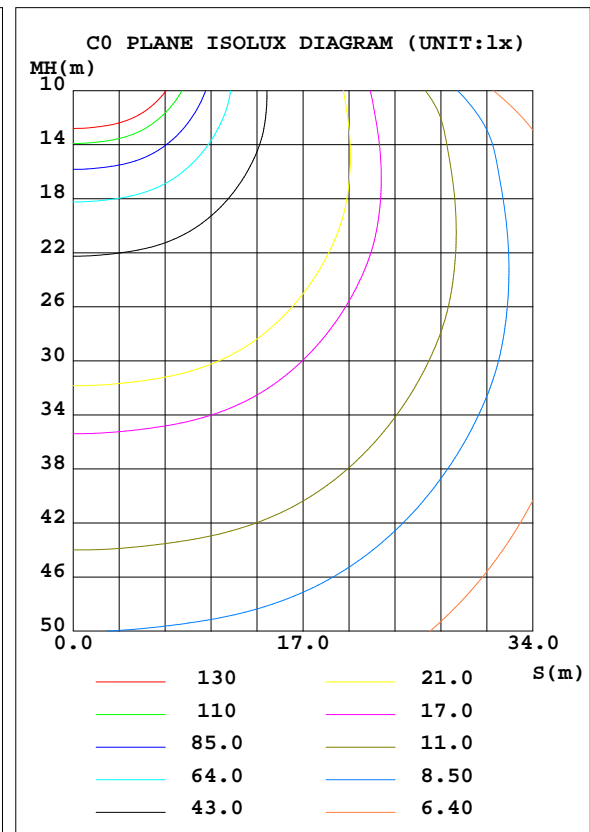
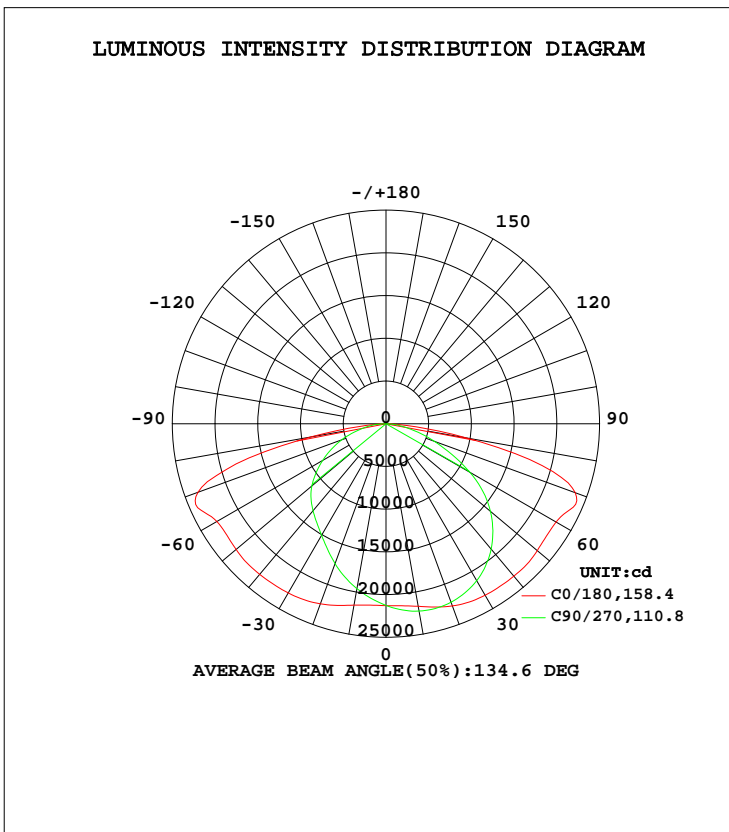


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:277.0V I:1.7733A P:489.89W PF:0.9973 Freq:60.00Hz Lamp Flux:84226.3x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:ASD-LSB5A-HV-PRO-500BR_500W_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 171.93 lm/W			
MODEL	ASD-LSB5A-HV-PRO-500BR	I <sub>max</sub> (cd)	24195	S/MH(C0/180)	1.64
NOMINAL POWER(W)	500	LOR(%)	100.0	S/MH(C90/270)	1.07
RATED VOLTAGE(V)	277-480	TOTAL FLUX(lm)	84226	η UP, DN(C0-180)	0.0,55.3
NOMINAL FLUX(lm)	84226.3	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.0,44.7
LAMPS INSIDE	1	η up(%)	0.0	CIBSE SHR NOM	1.50
TEST VOLTAGE(V)	277	η down(%)	100.0	CIBSE SHR MAX	1.55



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:Alan Wang  
 Test Date:11 October 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity:42.2%  
 Test Distance:2.500m [K=1.0393]  
 Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	2170	2226	2226	2220	2156	2018	1962	2032	0- 10	2029	2029	2.41,2.41
20	2269	2303	2223	2297	2243	1904	1743	1932	10- 20	6017	8047	9.55,9.55
30	2318	2296	2122	2297	2287	1743	1509	1780	20- 30	9636	17683	21,21
40	2328	2181	1915	2183	2301	1555	1329	1585	30- 40	12466	30150	35.8,35.8
50	2310	1943	1596	1933	2290	1359	1133	1379	40- 50	14256	44406	52.7,52.7
60	2300	1585	1131	1551	2287	1070	854.1	1077	50- 60	14521	58927	70,70
70	2356	1194	601.5	1152	2341	712.8	553.3	699.0	60- 70	13188	72115	85.6,85.6
80	945.6	895.3	219.4	849.4	893.3	403.6	246.1	389.3	70- 80	9545	81660	97,97
90	0	0	0	0	0	0	0	0	80- 90	2566	84226	100,100
100	0	0	0	0	0	0	0	0	90-100	0	84226	100,100
110	0	0	0	0	0	0	0	0	100-110	0	84226	100,100
120	0	0	0	0	0	0	0	0	110-120	0	84226	100,100
130	0	0	0	0	0	0	0	0	120-130	0	84226	100,100
140	0	0	0	0	0	0	0	0	130-140	0	84226	100,100
150	0	0	0	0	0	0	0	0	140-150	0	84226	100,100
160	0	0	0	0	0	0	0	0	150-160	0	84226	100,100
170	0	0	0	0	0	0	0	0	160-170	0	84226	100,100
180	0	0	0	0	0	0	0	0	170-180	0	84226	100,100
DEG	LUMINOUS INTENSITY: $\times 10$ cd									UNIT:lm		

Conical surface Flux(90deg): 37134 lm

%lum = 44.1%

%lamp = 44.1%

Conical surface Flux(120deg): 58927 lm

%lum = 70.0%

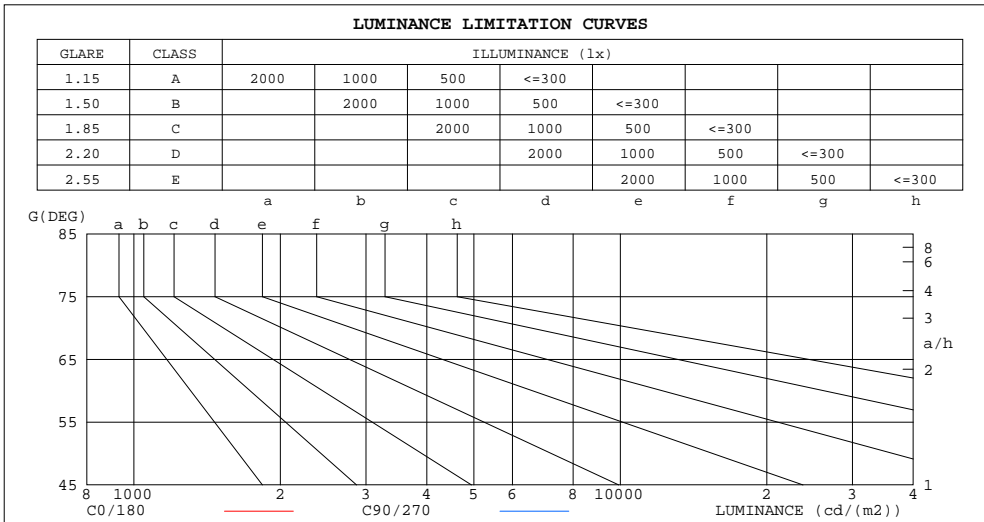
%lamp = 70.0%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:Alan Wang  
 Test Date:11 October 2023

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity:42.2%  
 Test Distance:2.500m [K=1.0393]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:277.0V I:1.7733A P:489.89W PF:0.9973 Freq:60.00Hz Lamp Flux:84226.3x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:ASD-LSB5A-HV-PRO-500BR_500W_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	211151	77117
80	406396	94290
75	545448	112579
70	514133	131253
65	419871	150444
60	343219	168869
55	298303	180532
50	268226	185305
45	245885	186712

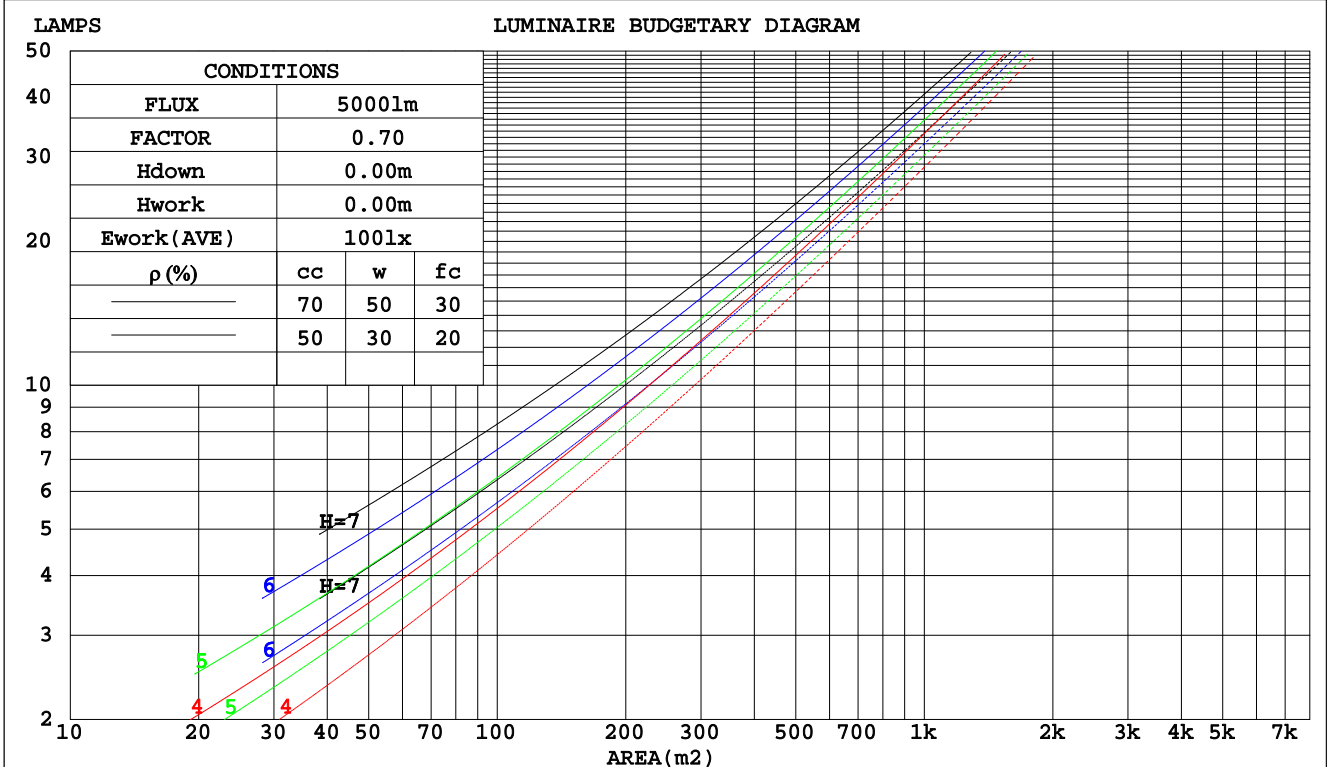
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 11 October 2023

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.2%  
 Test Distance: 2.500m [K=1.0393]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:277.0V I:1.7733A P:489.89W PF:0.9973 Freq:60.00Hz Lamp Flux:84226.3x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:ASD-LSB5A-HV-PRO-500BR_500W_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pw																0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio      Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1.0	1.01	.97	.92	.99	.95	.91	.95	.91	.88	.91	.88	.85	.87	.85	.82	.80
2.0	.87	.79	.72	.85	.78	.71	.81	.75	.70	.78	.73	.68	.75	.70	.67	.64
3.0	.75	.66	.58	.73	.65	.58	.70	.63	.57	.67	.61	.56	.65	.59	.55	.52
4.0	.65	.56	.48	.64	.55	.48	.61	.54	.47	.59	.52	.47	.57	.51	.46	.44
5.0	.58	.48	.41	.57	.48	.41	.55	.46	.40	.52	.45	.40	.51	.44	.39	.37
6.0	.52	.42	.35	.51	.42	.35	.49	.41	.35	.47	.40	.34	.45	.39	.34	.32
7.0	.47	.37	.31	.46	.37	.31	.44	.36	.30	.43	.35	.30	.41	.35	.30	.28
8.0	.42	.33	.27	.42	.33	.27	.40	.32	.27	.39	.32	.27	.38	.31	.26	.24
9.0	.39	.30	.24	.38	.30	.24	.37	.29	.24	.36	.29	.24	.35	.28	.24	.22
10.0	.36	.27	.22	.35	.27	.22	.34	.27	.22	.33	.26	.21	.32	.26	.21	.19



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:Alan Wang  
 Test Date:11 October 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity:42.2%  
 Test Distance:2.500m [K=1.0393]  
 Remarks:

WEC AND CCEC

Test:U:277.0V I:1.7733A P:489.89W PF:0.9973 Freq:60.00Hz Lamp Flux:84226.3x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:ASD-LSB5A-HV-PRO-500BR_500W_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.356	.202	.064	.349	.199	.063	.335	.192	.061	.323	.186	.060	.311	.181	.058	
2.0	.328	.180	.055	.322	.177	.055	.310	.172	.054	.299	.168	.052	.289	.163	.051	
3.0	.299	.159	.048	.293	.157	.047	.283	.153	.047	.273	.149	.046	.263	.146	.045	
4.0	.272	.141	.042	.267	.140	.041	.258	.137	.041	.249	.134	.040	.241	.131	.040	
5.0	.249	.127	.037	.244	.126	.037	.236	.123	.036	.228	.120	.036	.221	.118	.035	
6.0	.229	.115	.033	.225	.114	.033	.217	.111	.032	.210	.109	.032	.204	.107	.032	
7.0	.211	.105	.030	.208	.104	.030	.201	.102	.029	.195	.100	.029	.189	.098	.029	
8.0	.196	.096	.027	.193	.095	.027	.187	.094	.027	.182	.092	.027	.176	.090	.026	
9.0	.183	.089	.025	.180	.088	.025	.175	.086	.025	.170	.085	.024	.165	.084	.024	
10.0	.171	.082	.023	.169	.082	.023	.164	.080	.023	.159	.079	.023	.155	.078	.022	

ρcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020	
1.0	.184	.156	.131	.157	.134	.112	.107	.092	.078	.062	.053	.045	.020	.017	.015	
2.0	.177	.132	.094	.152	.113	.081	.104	.078	.056	.060	.046	.033	.019	.015	.011	
3.0	.170	.114	.070	.146	.099	.061	.100	.069	.043	.058	.040	.025	.019	.013	.008	
4.0	.163	.102	.055	.139	.088	.048	.096	.061	.034	.055	.036	.020	.018	.012	.007	
5.0	.155	.091	.044	.133	.079	.039	.092	.055	.027	.053	.032	.016	.017	.011	.005	
6.0	.147	.083	.037	.127	.072	.032	.087	.050	.023	.051	.030	.014	.016	.010	.004	
7.0	.140	.076	.031	.121	.066	.027	.083	.046	.019	.048	.027	.012	.016	.009	.004	
8.0	.133	.070	.027	.115	.061	.024	.079	.043	.017	.046	.025	.010	.015	.008	.003	
9.0	.127	.066	.024	.109	.057	.021	.076	.040	.015	.044	.024	.009	.014	.008	.003	
10.0	.121	.061	.022	.104	.053	.019	.072	.037	.013	.042	.022	.008	.014	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:Alan Wang  
 Test Date:11 October 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity:42.2%  
 Test Distance:2.500m [K=1.0393]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:277.0V I:1.7733A P:489.89W PF:0.9973 Freq:60.00Hz Lamp Flux:84226.3x1 lm										
NAME:			TYPE:LED			WEIGHT:				
SPEC.:ASD-LSB5A-HV-PRO-500BR_500W_5000K			DIM.:			SERIAL No.:				
MFR.: ASD Lighting Corp			SUR.:			Shielding Angle:				
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	33.8	35.5	34.1	35.7	35.9	31.2	32.8	31.4	33.0	33.2
3H	37.1	38.6	37.4	38.8	39.1	32.3	33.9	32.6	34.1	34.3
4H	38.6	40.0	38.9	40.3	40.6	32.7	34.2	33.0	34.4	34.7
6H	39.5	40.8	39.8	41.1	41.4	32.9	34.3	33.3	34.6	34.9
8H	39.6	41.0	40.0	41.3	41.6	33.0	34.3	33.3	34.6	34.9
12H	39.7	41.0	40.0	41.3	41.6	33.0	34.3	33.4	34.6	34.9
4H 2H	34.3	35.8	34.6	36.0	36.3	32.3	33.8	32.6	34.0	34.3
3H	37.7	39.0	38.0	39.3	39.6	33.7	35.0	34.1	35.3	35.6
4H	39.4	40.6	39.7	40.9	41.2	34.2	35.4	34.6	35.7	36.0
6H	40.4	41.5	40.8	41.9	42.2	34.5	35.6	34.9	35.9	36.3
8H	40.7	41.7	41.1	42.0	42.4	34.6	35.6	35.0	35.9	36.3
12H	40.7	41.7	41.2	42.1	42.5	34.6	35.5	35.1	35.9	36.3
8H 4H	39.6	40.6	40.0	40.9	41.3	35.4	36.4	35.8	36.7	37.1
6H	40.9	41.7	41.3	42.1	42.5	36.0	36.8	36.4	37.2	37.6
8H	41.2	41.9	41.6	42.4	42.8	36.1	36.8	36.6	37.3	37.7
12H	41.3	42.0	41.8	42.4	42.9	36.2	36.8	36.7	37.3	37.7
12H 4H	39.6	40.5	40.0	40.9	41.3	35.6	36.6	36.1	36.9	37.4
6H	40.9	41.7	41.4	42.1	42.5	36.5	37.2	36.9	37.6	38.1
8H	41.3	41.9	41.8	42.4	42.9	36.7	37.4	37.2	37.8	38.3
Variations with the observer position at spacings:										
S = 1.0H	+ 0.1 / - 0.1					+ 0.1 / - 0.2				
1.5H	+ 0.1 / - 0.1					+ 0.3 / - 0.4				
2.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.5				

CIE Pub.117, 84226 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 15.4)  
 Area: 0.134 m2

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:Alan Wang  
 Test Date:11 October 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity:42.2%  
 Test Distance:2.500m [K=1.0393]  
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:277.0V I:1.7733A P:489.89W PF:0.9973 Freq:60.00Hz Lamp Flux:84226.3x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:ASD-LSB5A-HV-PRO-500BR_500W_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

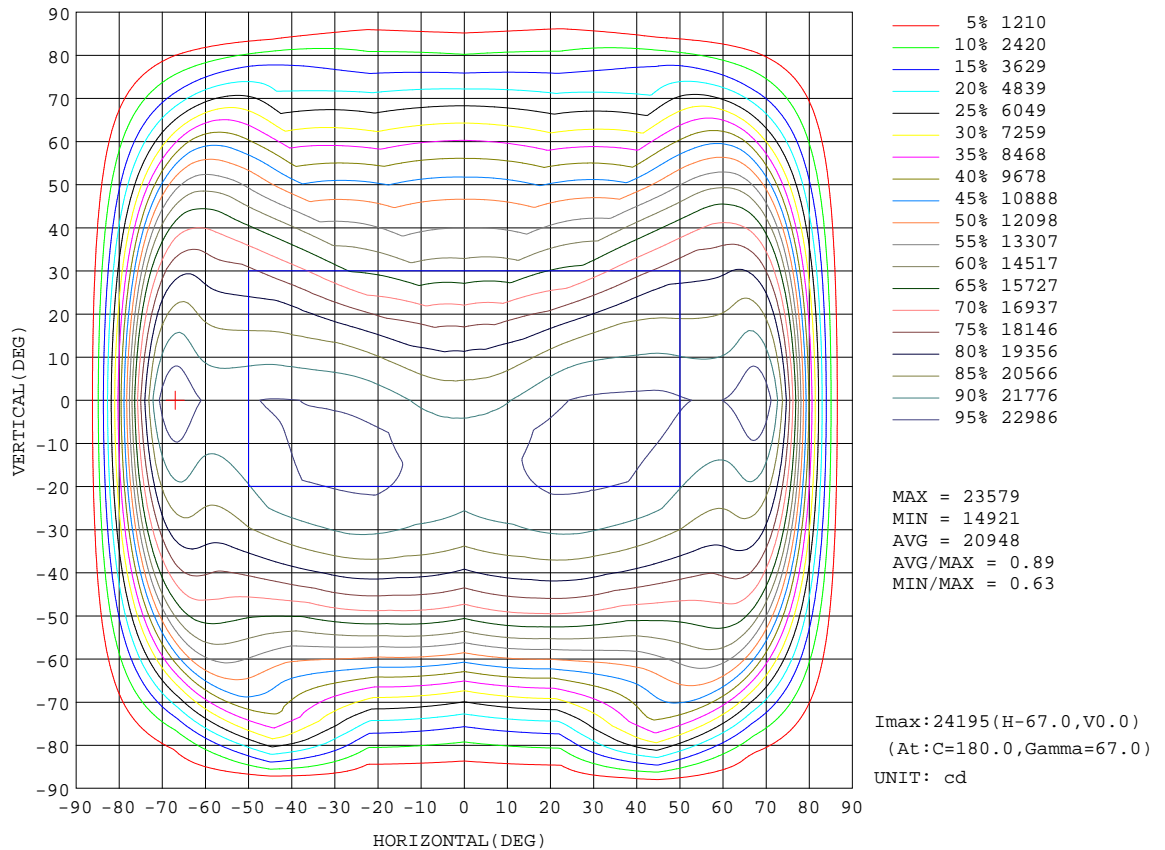
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	53	40	33	52	40	33	51	40	33	26
0.80	63	50	42	61	49	42	60	49	41	34
1.00	71	59	50	70	58	50	67	60	50	42
1.25	78	66	58	77	66	58	74	64	57	49
1.50	84	72	64	82	71	64	79	70	63	55
2.00	91	81	74	89	80	73	85	78	72	63
2.50	96	87	80	93	85	79	89	83	77	68
3.00	99	91	85	97	90	84	93	87	82	73
4.00	104	97	92	102	96	91	97	92	88	79
5.00	107	101	97	104	99	95	100	96	92	82
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:Alan Wang  
 Test Date:11 October 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity:42.2%  
 Test Distance:2.500m [K=1.0393]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:277.0V I:1.7733A P:489.89W PF:0.9973 Freq:60.00Hz Lamp Flux:84226.3x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:ASD-LSB5A-HV-PRO-500BR_500W_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



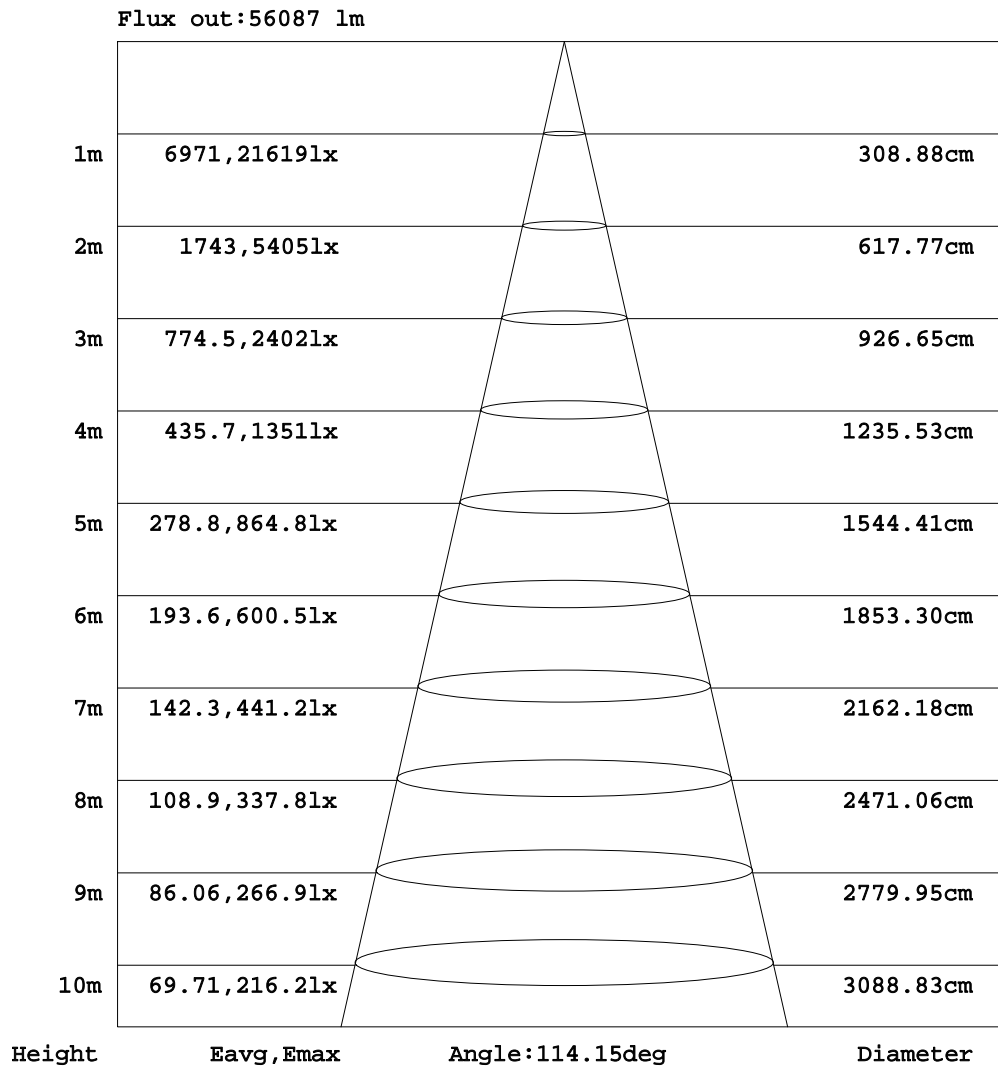
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:Alan Wang  
 Test Date:11 October 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity:42.2%  
 Test Distance:2.500m [K=1.0393]  
 Remarks:



AAI Figure

Test:U:277.0V I:1.7733A P:489.89W PF:0.9973 Freq:60.00Hz Lamp Flux:84226.3x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:ASD-LSB5A-HV-PRO-500BR_500W_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



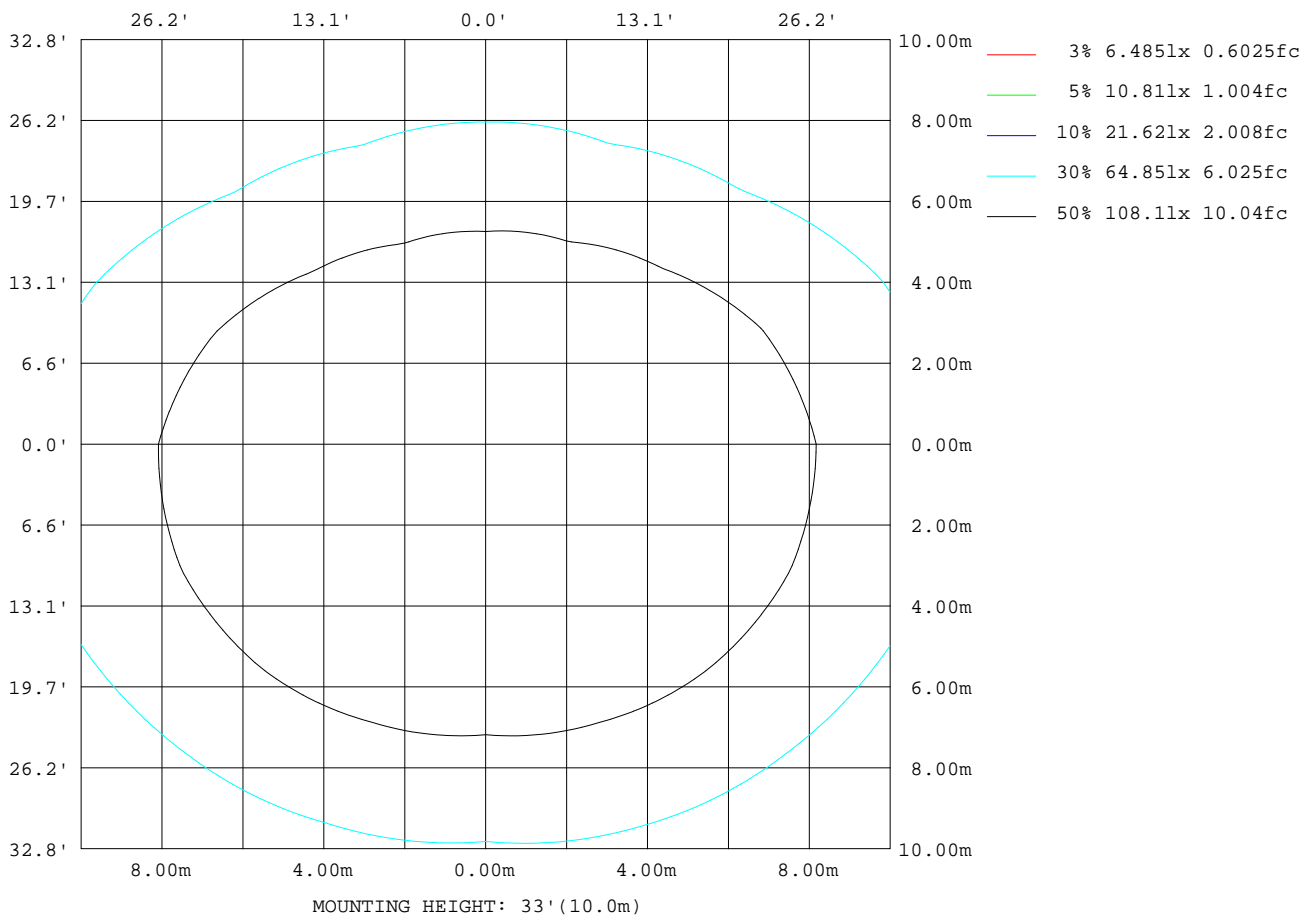
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:Alan Wang  
 Test Date:11 October 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity:42.2%  
 Test Distance:2.500m [K=1.0393]  
 Remarks:

ISOLUX DIAGRAM

Test:U:277.0V I:1.7733A P:489.89W PF:0.9973 Freq:60.00Hz Lamp Flux:84226.3x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:ASD-LSB5A-HV-PRO-500BR_500W_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.0DEG  
 Operators:Alan Wang  
 Test Date:11 October 2023

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity:42.2%  
 Test Distance:2.500m [K=1.0393]  
 Remarks:

## LED Avg.L Report

Test:U:277.0V I:1.7733A P:489.89W PF:0.9973 Freq:60.00Hz Lamp Flux:84226.3x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:ASD-LSB5A-HV-PRO-500BR_500W_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

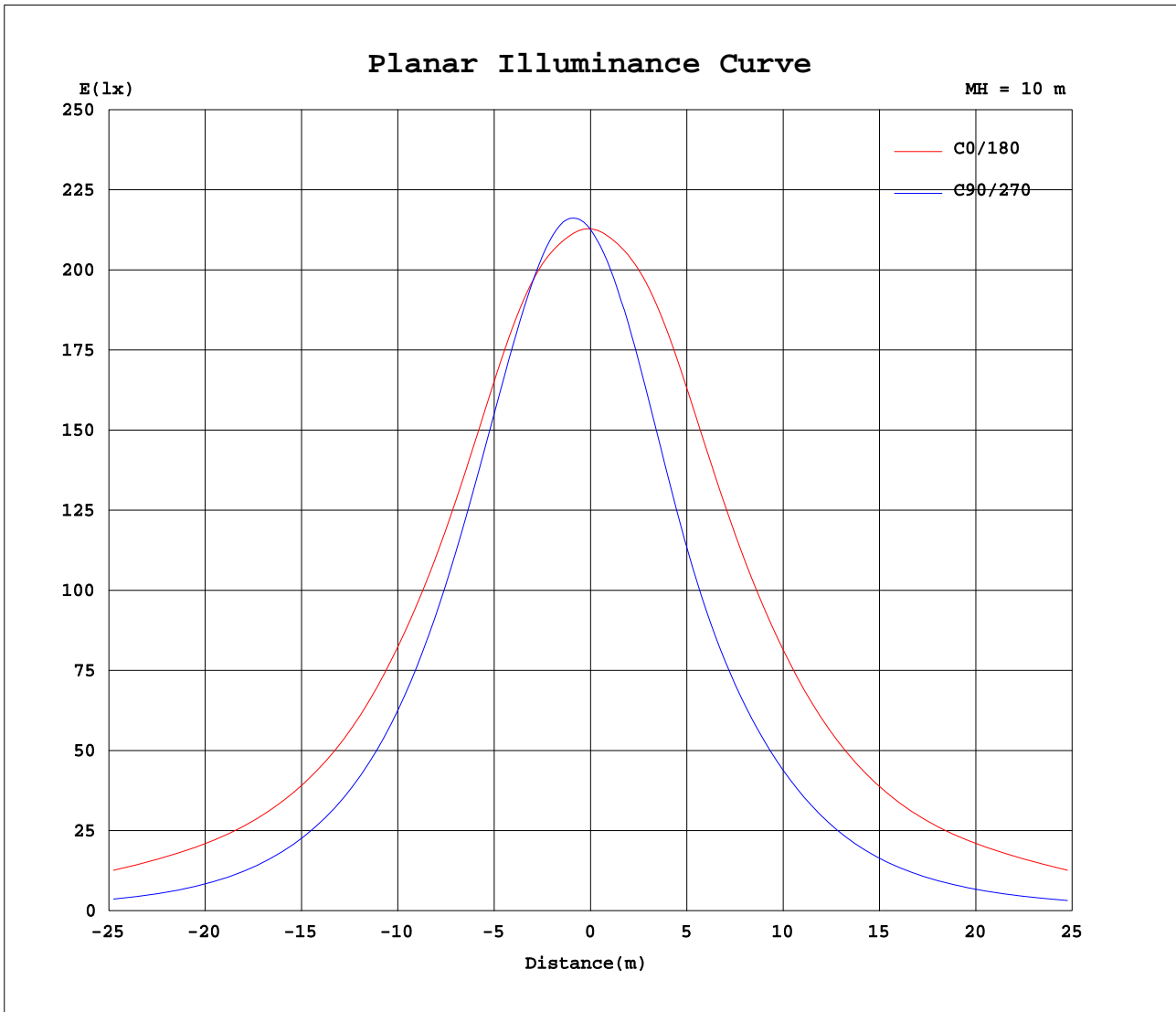
AvgL	cd/m2
L_0~180(65)av	421188
L_0~180(75)av	534713
L_0~180(85)av	203325
L_90~270(65)av	137393
L_90~270(75)av	112384
L_90~270(85)av	93092
L_45(65)av	199318
L_45(75)av	226485
L_45(85)av	263105

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.0DEG  
Operators:Alan Wang  
Test Date:11 October 2023

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
Humidity:42.2%  
Test Distance:2.500m [K=1.0393]  
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.0DEG  
 Operators: Alan Wang  
 Test Date: 11 October 2023

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
 Humidity: 42.2%  
 Test Distance: 2.500m [K=1.0393]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:277.0V I:1.7733A P:489.89W PF:0.9973 Freq:60.00Hz Lamp Flux:84226.3x1 lm		
NAME:	TYPE:LED	WEIGHT:
SPEC.:ASD-LSB5A-HV-PRO-500BR_500W_5000K	DIM.:	SERIAL No.:
MFR.: ASD Lighting Corp	SUR.:	Shielding Angle:

Table--1

UNIT: x10cd

C(DEG) γ (DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	2129	2128	2127	2127	2126	2128	2127	2126	2129	2128	2127	2127	2126	2128	2127	2126			
5	2139	2162	2179	2186	2187	2183	2173	2154	2131	2100	2072	2053	2050	2058	2079	2107			
10	2170	2212	2226	2228	2226	2224	2220	2199	2156	2088	2018	1974	1962	1982	2032	2103			
15	2221	2272	2272	2248	2237	2246	2265	2257	2201	2089	1966	1880	1858	1893	1988	2112			
20	2269	2322	2303	2249	2223	2248	2297	2307	2243	2091	1904	1774	1743	1790	1932	2126			
25	2303	2352	2312	2229	2184	2229	2310	2338	2273	2086	1831	1655	1621	1671	1865	2130			
30	2318	2358	2296	2185	2122	2186	2297	2347	2287	2065	1743	1536	1509	1551	1780	2118			
35	2324	2343	2253	2119	2032	2118	2256	2336	2295	2034	1648	1429	1413	1441	1684	2091			
40	2328	2313	2181	2026	1915	2021	2183	2308	2301	2002	1555	1335	1329	1344	1585	2058			
45	2330	2267	2078	1906	1769	1891	2076	2263	2303	1965	1463	1246	1240	1249	1487	2020			
50	2310	2194	1943	1753	1596	1729	1933	2188	2290	1916	1359	1142	1133	1139	1379	1972			
55	2293	2088	1776	1561	1388	1529	1755	2080	2274	1858	1231	1008	999	1002	1247	1910			
60	2300	1964	1585	1319	1131	1288	1551	1951	2287	1783	1070	852	854	845	1077	1837			
65	2378	1829	1384	1038	852	1018	1344	1819	2393	1679	901	698	704	690	887	1727			
70	2356	1706	1194	760	602	747	1152	1692	2341	1513	713	555	553	549	699	1543			
75	1892	1475	1064	511	390	505	1027	1428	1817	1206	534	413	389	412	516	1235			
80	946	910	895	293	219	287	849	825	893	646	404	282	246	282	389	684			
85	247	267	478	122	90.1	117	429	219	228	198	153	158	127	163	169	220			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			

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 C Interval: 22.5DEG  
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γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-R5000\_V2 SYSTEM V2.00.416  
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 Remarks: