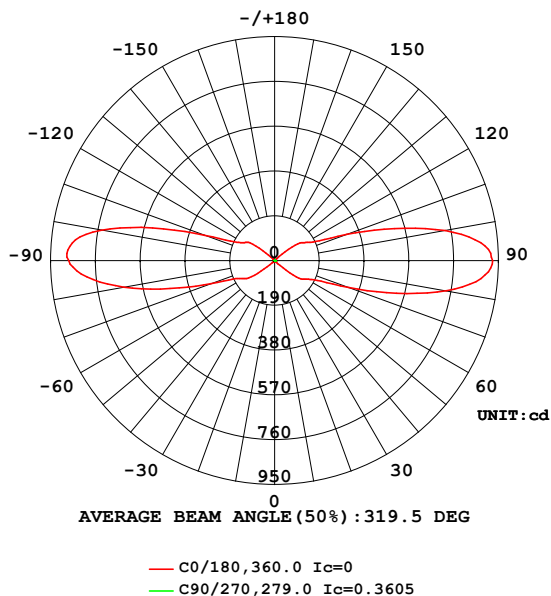


## LUMINAIRE PHOTOMETRIC TEST REPORT

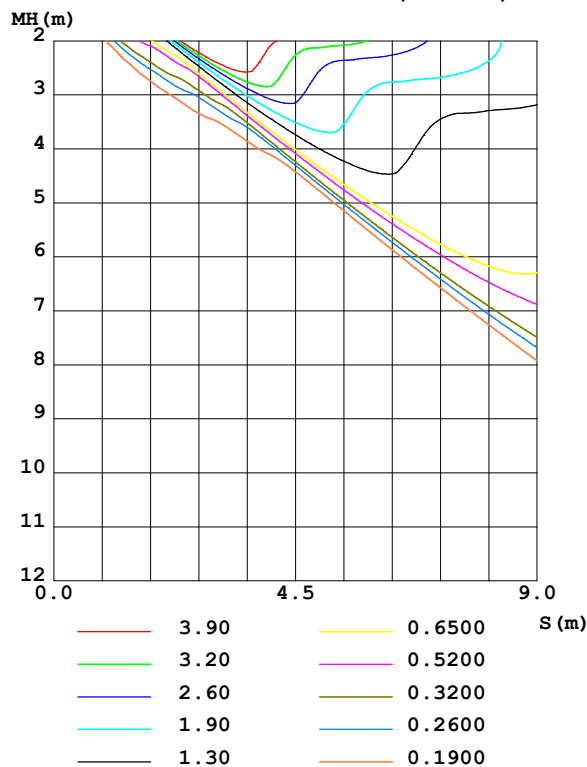
Test:U:119.80V I:0.0671A P:7.9499W PF:0.9896 Freq:59.98Hz Lamp Flux:777.317x1 lm		
NAME: 1013 圓桶壁燈 8W 普瑞 COB FULL 062A-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00255m <sup>2</sup>	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 97.78 lm/W			
MODEL		I <sub>max</sub> (cd)	924.3	S/MH(C0/180)	0.00
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.20
RATED VOLTAGE(V)		TOTAL FLUX(lm)	777.32	η UP,DN(C0-180)	25.1,25.2
NOMINAL FLUX(lm)	777.317	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	25.5,24.1
LAMPS INSIDE	1	η up(%)	50.7	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)		η down(%)	49.3	CIBSE SHR MAX	0.50

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2023-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

### ZONAL FLUX DIAGRAM:

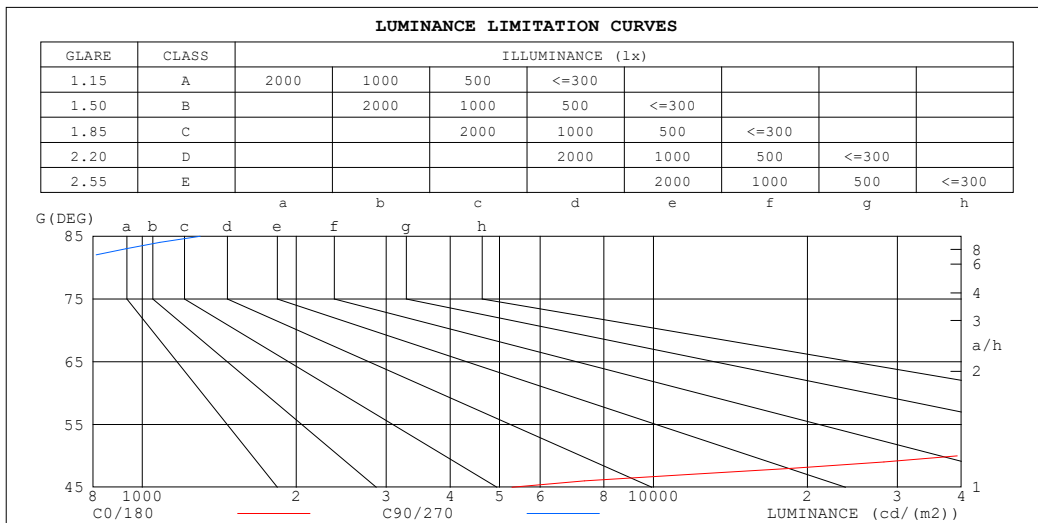
$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	
10	0.0599	0.0359	0.3485	0.1238	0.2047	0.1565	0.3245	0.0722	0- 10	0.0115	0.0115	0.0115
20	0.4319	0.1521	0.3566	0.4044	0.7461	0.4290	0.2924	0.1925	10- 20	0.0764	0.0879	0.0879
30	1.693	0.4442	0.3406	0.9166	2.114	0.8860	0.2724	0.5093	20- 30	0.2906	0.3785	0.3785
40	4.975	1.073	0.3285	1.746	5.652	1.652	0.2724	1.211	30- 40	0.9005	1.279	1.279
50	64.38	2.006	0.3125	3.022	42.05	2.750	0.2644	2.341	40- 50	3.293	4.572	4.572
60	159.4	3.300	0.3004	4.686	153.0	4.116	0.2604	4.009	50- 60	25.14	29.71	29.71
70	336.0	5.559	0.2885	6.876	288.7	7.502	0.2604	6.897	60- 70	61.92	91.63	91.63
80	740.1	7.831	0.2885	9.244	649.7	9.441	0.2564	8.571	70- 80	115.3	206.9	206.9
90	924.3	8.601	0.2885	10.04	873.4	10.46	0.2403	10.84	80- 90	176.6	383.6	383.6
100	734.7	7.298	0.2685	9.504	746.1	9.682	0.2163	8.179	90-100	180.5	564.1	564.1
110	325.8	4.986	0.2444	7.227	316.9	7.677	0.1963	5.762	100-110	119.2	683.3	683.3
120	154.9	3.102	0.2203	4.453	154.0	4.076	0.1882	3.676	110-120	62.36	745.6	745.6
130	57.79	1.908	0.2163	2.950	67.29	2.695	0.1723	2.209	120-130	26.98	772.6	772.6
140	4.508	1.018	0.2084	1.760	5.987	1.662	0.1643	1.133	130-140	3.475	776.1	776.1
150	1.568	0.4410	0.2043	0.9861	2.226	0.9167	0.1643	0.4602	140-150	0.8640	777.0	777.0
160	0.4133	0.1723	0.1802	0.4692	0.8081	0.4204	0.1522	0.1481	150-160	0.2794	777.2	777.2
170	0.0844	0.0603	0.1643	0.1726	0.1919	0.1440	0.1522	0.0319	160-170	0.0667	777.3	777.3
180	0	0	0.1643	0	0	0	0.1522	0	170-180	0.0076	777.3	777.3
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2023-12-07

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

## LUMINANCE LIMITATION CURVES

Test:U:119.80V I:0.0671A P:7.9499W PF:0.9896 Freq:59.98Hz Lamp Flux:777.317x1 lm		
NAME: 1013 圆桶壁灯 8W 普瑞 COB FULL 062A-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00255m <sup>2</sup>	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3957309	1298
80	1671404	651
75	813056	437
70	385307	331
65	185086	268
60	125050	236
55	93343	205
50	39277	191
45	5288	176

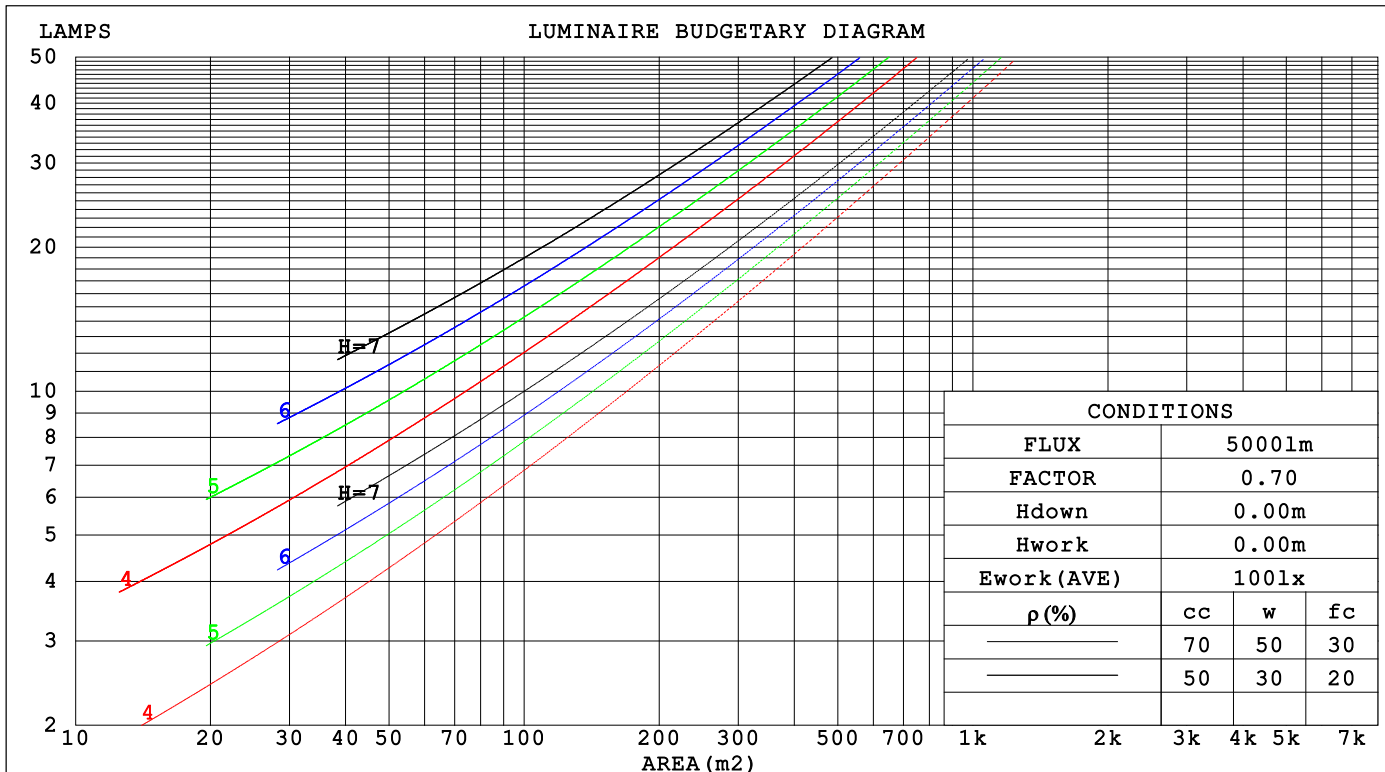
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3℃  
Operators:  
Test Date: 2023-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 7.100m [K=1.0000]  
Remarks:

## CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.80V I:0.0671A P:7.9499W PF:0.9896 Freq:59.98Hz Lamp Flux:777.317x1 lm		
NAME: 1013 圓桶壁燈 8W 普瑞 COB FULL 062A-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00255m <sup>2</sup>	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio                      Coefficients of Utilization(CU)															
0.0	1.07	1.07	1.07	.99	.99	.99	.83	.83	.83	.69	.69	.69	.56	.56	.56	.49
1.0	.78	.70	.63	.71	.64	.57	.57	.51	.46	.44	.40	.35	.32	.29	.26	.20
2.0	.64	.53	.45	.57	.48	.40	.45	.38	.32	.34	.28	.23	.24	.19	.16	.10
3.0	.54	.43	.34	.48	.39	.31	.38	.30	.24	.28	.22	.17	.19	.14	.10	.06
4.0	.46	.36	.27	.42	.32	.24	.33	.25	.19	.24	.18	.13	.16	.11	.07	.03
5.0	.41	.30	.22	.37	.27	.20	.29	.21	.15	.21	.15	.10	.14	.09	.06	.02
6.0	.36	.26	.19	.32	.23	.17	.25	.18	.13	.19	.13	.09	.13	.08	.05	.01
7.0	.32	.23	.16	.29	.20	.14	.23	.16	.11	.17	.11	.07	.12	.07	.04	.01
8.0	.29	.20	.14	.26	.18	.12	.21	.14	.09	.16	.10	.06	.11	.06	.03	.01
9.0	.27	.18	.12	.24	.16	.11	.19	.13	.08	.14	.09	.05	.10	.06	.03	.00
10.0	.24	.16	.11	.22	.14	.09	.18	.11	.07	.13	.08	.05	.09	.05	.02	.00



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2023-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

### WEC AND CCEC

Test:U:119.80V I:0.0671A P:7.9499W PF:0.9896 Freq:59.98Hz Lamp Flux:777.317x1 lm		
NAME: 1013 圓桶壁燈 8W 普瑞 COB FULL 062A-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00255m²	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.571	.325	.103	.548	.313	.099	.505	.290	.092	.465	.268	.086	.428	.248	.080		
2.0	.431	.236	.073	.410	.226	.070	.371	.206	.064	.334	.187	.059	.300	.170	.054		
3.0	.355	.189	.057	.336	.180	.054	.300	.162	.049	.266	.146	.045	.235	.130	.040		
4.0	.304	.158	.047	.287	.150	.044	.254	.135	.040	.223	.120	.036	.194	.106	.032		
5.0	.267	.136	.039	.251	.129	.038	.221	.115	.034	.193	.102	.030	.166	.089	.027		
6.0	.239	.120	.034	.224	.113	.033	.196	.101	.029	.170	.088	.026	.146	.077	.023		
7.0	.216	.107	.030	.203	.101	.029	.177	.089	.026	.153	.078	.023	.130	.067	.020		
8.0	.198	.097	.027	.185	.091	.026	.161	.080	.023	.139	.070	.020	.117	.060	.018		
9.0	.182	.088	.025	.170	.083	.023	.148	.073	.021	.127	.064	.018	.107	.054	.016		
10.0	.169	.081	.022	.158	.076	.021	.137	.067	.019	.117	.058	.017	.099	.050	.014		

pcc	80%			70%			50%			30%			10%			0	
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
pfc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.576	.576	.576	.493	.493	.493	.336	.336	.336	.193	.193	.193	.062	.062	.062		
1.0	.588	.543	.503	.503	.466	.433	.344	.321	.299	.198	.186	.174	.063	.060	.056		
2.0	.583	.523	.473	.499	.450	.409	.342	.311	.285	.197	.181	.167	.063	.059	.054		
3.0	.575	.509	.456	.493	.439	.395	.338	.305	.277	.195	.178	.163	.063	.058	.054		
4.0	.566	.498	.446	.486	.430	.387	.334	.300	.273	.193	.176	.161	.062	.057	.053		
5.0	.557	.489	.439	.479	.423	.382	.330	.296	.269	.191	.174	.160	.062	.057	.053		
6.0	.549	.482	.434	.472	.417	.378	.326	.292	.267	.189	.172	.159	.061	.056	.052		
7.0	.541	.476	.430	.465	.412	.375	.322	.289	.265	.187	.170	.158	.060	.056	.052		
8.0	.534	.471	.427	.460	.408	.372	.318	.287	.264	.185	.169	.157	.060	.055	.052		
9.0	.527	.466	.425	.454	.404	.371	.315	.284	.263	.183	.168	.157	.059	.055	.052		
10.0	.521	.462	.423	.449	.401	.369	.311	.282	.262	.182	.167	.157	.059	.055	.052		

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2023-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:119.80V I:0.0671A P:7.9499W PF:0.9896 Freq:59.98Hz Lamp Flux:777.317x1 lm											
NAME: 1013 圆桶壁灯 8W 普瑞 COB FULL 062A-L						TYPE:		WEIGHT:			
SPEC.: 4000K						DIM.:		SERIAL No.:			
MFR.:						SUR.: 0.00255m²		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	2H	27.4	28.5	28.2	29.5	30.7	-6.5	-5.3	-5.7	-4.4	-3.2
	3H	34.6	35.7	35.5	36.6	37.9	-5.6	-4.5	-4.7	-3.5	-2.3
	4H	39.2	40.3	40.1	41.3	42.5	-4.8	-3.7	-3.9	-2.7	-1.5
	6H	44.0	45.0	45.0	46.0	47.3	-3.7	-2.7	-2.8	-1.7	-0.4
	8H	46.4	47.4	47.3	48.4	49.7	-3.0	-2.1	-2.1	-1.1	0.2
	12H	48.8	49.8	49.8	50.8	52.1	-2.2	-1.3	-1.3	-0.3	1.0
4H	2H	27.1	28.1	28.0	29.1	30.4	16.5	17.5	17.4	18.5	19.8
	3H	34.5	35.4	35.4	36.4	37.7	16.1	17.1	17.1	18.1	19.4
	4H	39.2	40.1	40.2	41.1	42.4	15.9	16.8	16.9	17.8	19.1
	6H	44.3	45.1	45.2	46.1	47.4	15.8	16.6	16.7	17.6	18.9
	8H	46.9	47.6	47.8	48.6	50.0	15.7	16.4	16.6	17.4	18.8
	12H	49.6	50.3	50.6	51.3	52.7	15.6	16.3	16.6	17.3	18.7
8H	4H	39.0	39.7	39.9	40.7	42.1	24.6	25.4	25.6	26.4	27.7
	6H	44.1	44.8	45.1	45.8	47.2	24.4	25.1	25.4	26.1	27.5
	8H	46.8	47.5	47.8	48.5	49.9	24.3	25.0	25.3	26.0	27.4
	12H	49.9	50.4	50.9	51.5	52.9	24.2	24.8	25.3	25.9	27.2
12H	4H	38.9	39.6	39.8	40.6	42.0	28.2	28.9	29.2	29.9	31.3
	6H	44.0	44.6	45.0	45.7	47.1	28.2	28.8	29.2	29.9	31.2
	8H	46.8	47.3	47.8	48.4	49.8	28.1	28.7	29.1	29.7	31.1
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.2 / - 0.2					+ 0.3 / - 0.4				
1.5H		+ 0.5 / - 0.4					+ 0.9 / - 0.3				
2.0H		+ 0.8 / - 0.8					+ 1.8 / - 1.2				

CIE Pub.117, 777.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)  
Area: 0.00255 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2023-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

### UTILIZATION FACTORS TABLE

Test:U:119.80V I:0.0671A P:7.9499W PF:0.9896 Freq:59.98Hz Lamp Flux:777.317x1 lm		
NAME: 1013 圓桶壁灯 8W 普瑞 COB FULL 062A-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00255m²	Shielding Angle:

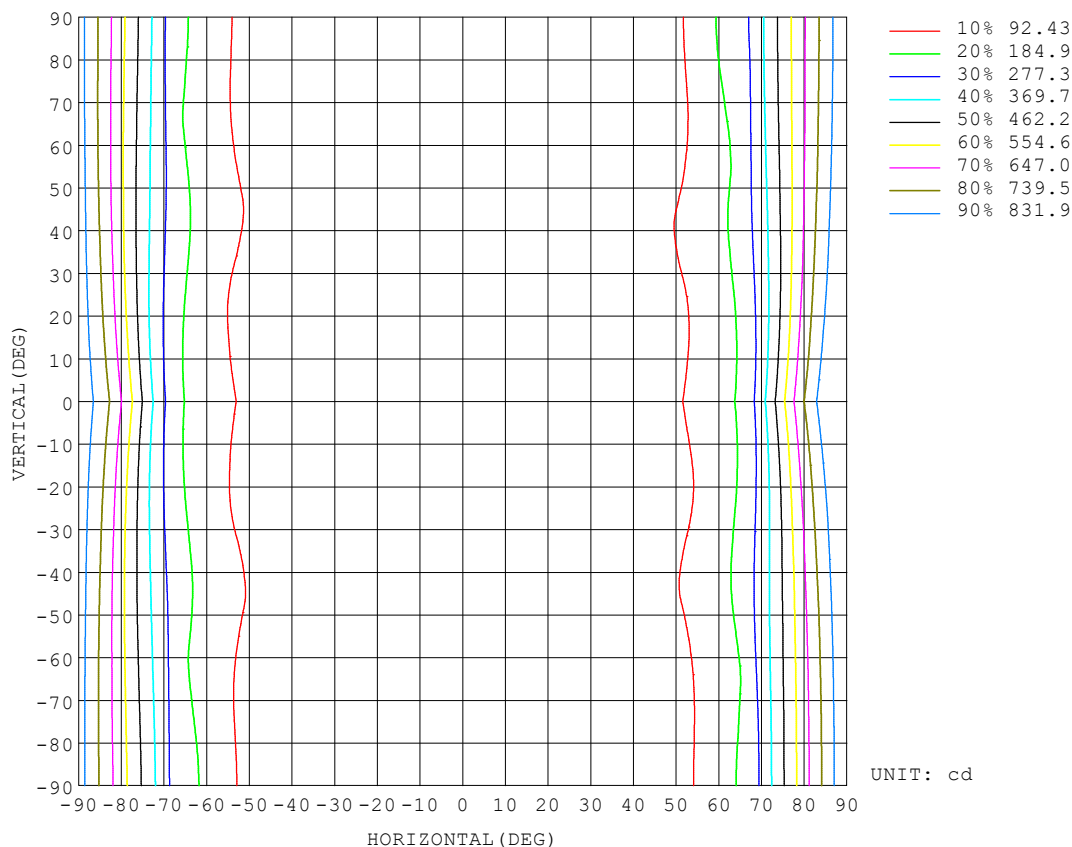
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	30	16	8	28	15	8	26	14	7	1
0.80	37	21	11	34	20	11	31	18	10	1
1.00	42	26	15	40	24	14	34	24	12	1
1.25	48	31	19	45	29	18	39	25	16	3
1.50	53	36	24	49	33	22	42	29	19	4
2.00	61	44	32	56	41	29	47	35	25	7
2.50	67	50	38	61	47	35	51	39	30	10
3.00	71	56	44	65	51	40	54	43	34	13
4.00	77	63	52	71	58	48	59	49	40	17
5.00	81	69	59	74	64	54	62	53	45	20
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: 25.3°C  
Operators:  
Test Date: 2023-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 7.100m [K=1.0000]  
Remarks:

## ISOCANDELA DIAGRAM

Test:U:119.80V I:0.0671A P:7.9499W PF:0.9896 Freq:59.98Hz Lamp Flux:777.317x1 lm		
NAME: 1013 圆桶壁灯 8W 普瑞 COB FULL 062A-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00255m²	Shielding Angle:



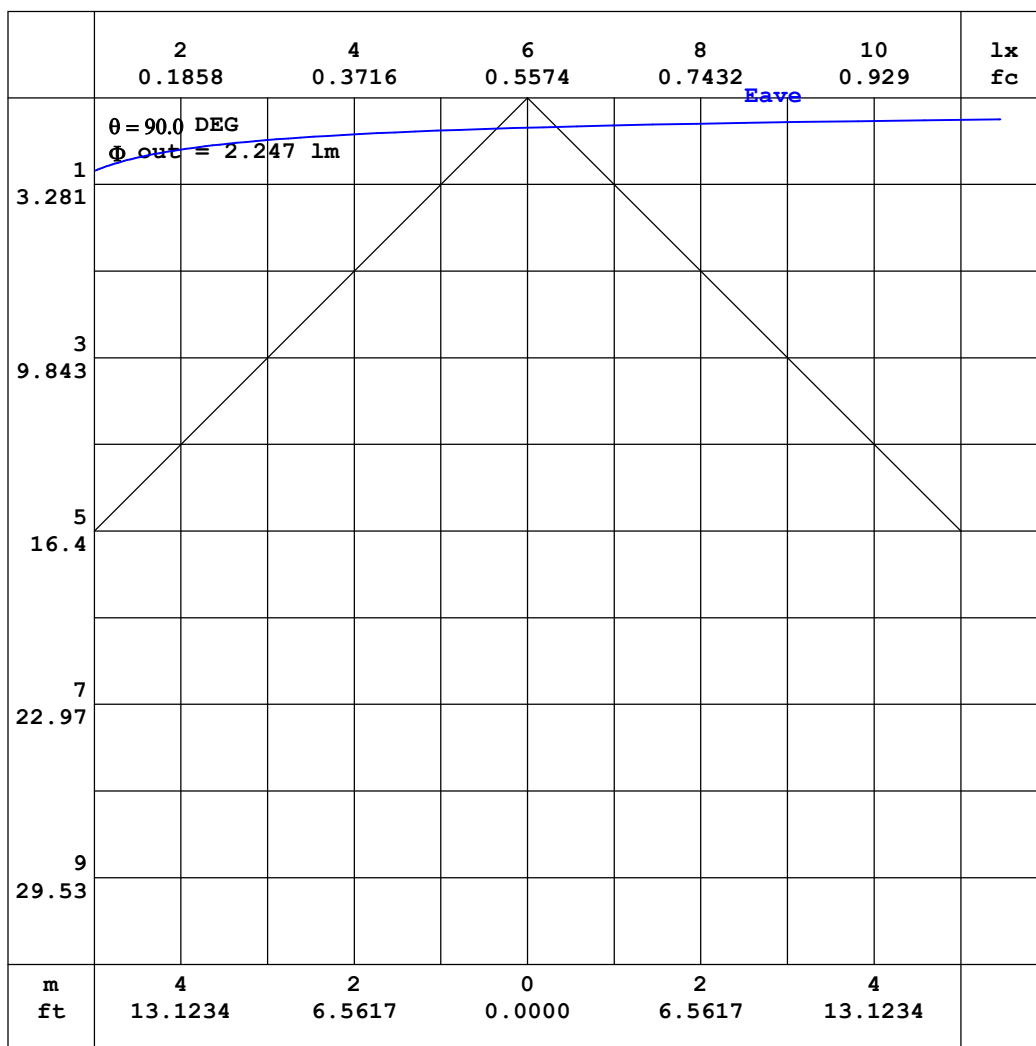
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2023-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:



### AAI CURVES

Test:U:119.80V I:0.0671A P:7.9499W PF:0.9896 Freq:59.98Hz Lamp Flux:777.317x1 lm		
NAME: 1013 圓桶壁灯 8W 普瑞 COB FULL 062A-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00255m²	Shielding Angle:



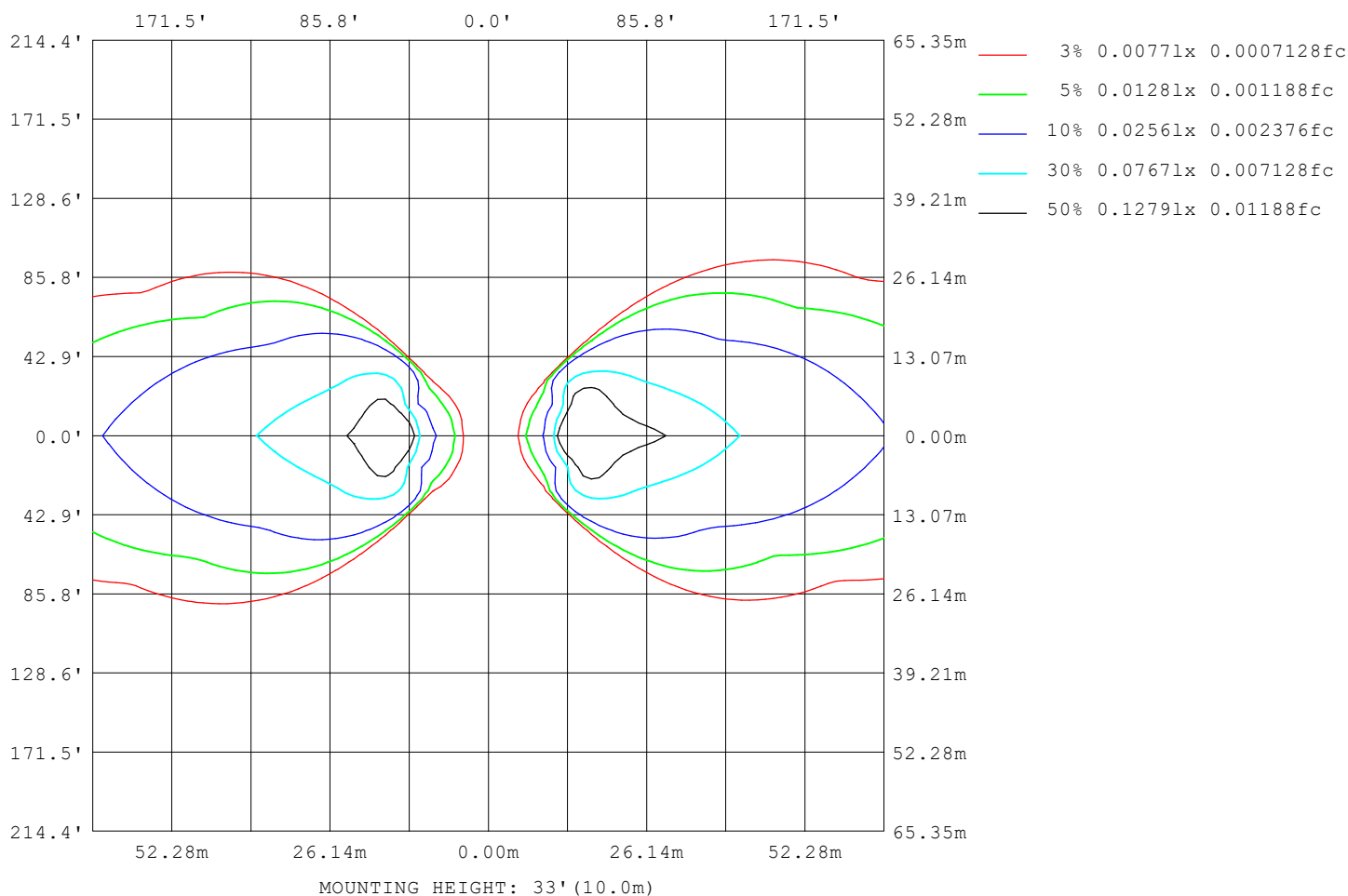
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators:  
Test Date: 2023-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 7.100m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:119.80V I:0.0671A P:7.9499W PF:0.9896 Freq:59.98Hz Lamp Flux:777.317x1 lm		
NAME: 1013 圓桶壁灯 8W 普瑞 COB FULL 062A-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00255m <sup>2</sup>	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators:  
Test Date: 2023-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
Humidity: 65.0%  
Test Distance: 7.100m [K=1.0000]  
Remarks:

### LED Avg.L Report

Test:U:119.80V I:0.0671A P:7.9499W PF:0.9896 Freq:59.98Hz Lamp Flux:777.317x1 lm		
NAME: 1013 圆桶壁灯 8W 普瑞 COB FULL 062A-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00255m²	Shielding Angle:

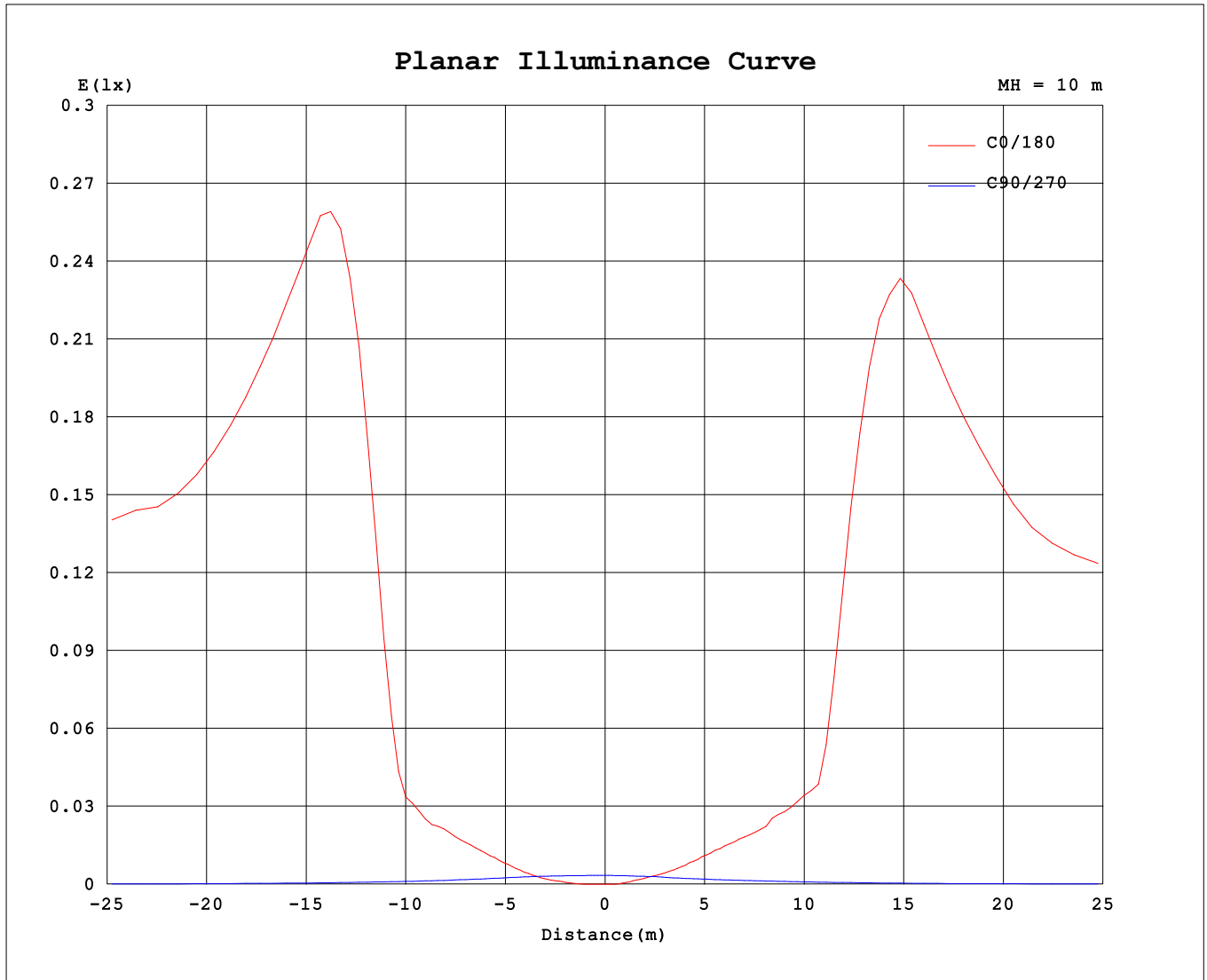
AvgL	cd/m2
L_0~180 (65) av	177020
L_0~180 (75) av	754945
L_0~180 (85) av	3775703
L_90~270 (65) av	255
L_90~270 (75) av	416
L_90~270 (85) av	1226
L_45 (65) av	4699
L_45 (75) av	11972
L_45 (85) av	42973

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:  
Test Date:2023-12-07

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
Humidity:65.0%  
Test Distance:7.100m [K=1.0000]  
Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3 °C  
 Operators:  
 Test Date: 2023-12-07

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.461  
 Humidity: 65.0%  
 Test Distance: 7.100m [K=1.0000]  
 Remarks:

## LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:119.80V I:0.0671A P:7.9499W PF:0.9896 Freq:59.98Hz Lamp Flux:777.317x1 lm		
NAME: 1013 圓桶壁灯 8W 普瑞 COB FULL 062A-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00255m²	Shielding Angle:

Table--1

UNIT: cd

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	0.00	0.00	0.00	0.17	0.34	0.16	0.00	0.00	0.00	0.00	0.00	0.17	0.34	0.16	0.00	0.00			
5	0.00	0.02	0.00	0.18	0.34	0.19	0.01	0.04	0.04	0.00	0.04	0.17	0.33	0.15	0.02	0.00			
10	0.06	0.09	0.04	0.20	0.35	0.26	0.12	0.18	0.20	0.14	0.16	0.22	0.32	0.16	0.07	0.04			
15	0.18	0.18	0.08	0.22	0.36	0.33	0.26	0.37	0.41	0.32	0.28	0.28	0.32	0.17	0.12	0.14			
20	0.43	0.34	0.15	0.24	0.36	0.40	0.40	0.65	0.75	0.58	0.43	0.35	0.29	0.19	0.19	0.31			
25	0.92	0.69	0.26	0.26	0.36	0.47	0.62	1.11	1.29	1.04	0.62	0.41	0.28	0.20	0.31	0.67			
30	1.69	1.21	0.44	0.28	0.34	0.56	0.92	1.75	2.11	1.63	0.89	0.49	0.27	0.24	0.51	1.22			
35	2.95	1.99	0.72	0.30	0.33	0.63	1.28	2.68	3.32	2.55	1.24	0.55	0.27	0.27	0.81	2.07			
40	4.97	3.10	1.07	0.32	0.33	0.71	1.75	4.00	5.65	3.72	1.65	0.63	0.27	0.30	1.21	3.30			
45	9.53	4.88	1.50	0.35	0.32	0.80	2.33	6.72	9.70	6.09	2.16	0.70	0.27	0.32	1.71	5.30			
50	64.4	9.21	2.01	0.38	0.31	0.89	3.02	10.2	42.0	9.71	2.75	0.79	0.26	0.39	2.34	10.8			
55	137	39.7	2.63	0.42	0.30	0.99	3.85	35.5	120	28.7	3.41	0.86	0.26	0.45	3.03	58.4			
60	159	106	3.30	0.46	0.30	1.09	4.69	101	153	92.9	4.12	0.94	0.26	0.52	4.01	124			
65	199	141	4.16	0.51	0.29	1.18	6.00	143	182	139	5.19	1.03	0.26	0.58	4.91	148			
70	336	154	5.56	0.57	0.29	1.25	6.88	158	289	152	7.50	1.10	0.26	0.65	6.90	164			
75	537	169	6.77	0.59	0.29	1.33	8.13	175	460	166	8.45	1.16	0.26	0.71	8.26	188			
80	740	188	7.83	0.60	0.29	1.38	9.24	200	650	183	9.44	1.19	0.26	0.76	8.57	226			
85	880	207	8.36	0.60	0.29	1.38	9.85	230	799	204	10.2	1.21	0.26	0.79	9.81	267			
90	924	216	8.60	0.60	0.29	1.38	10.0	244	873	214	10.5	1.22	0.24	0.79	10.8	284			
95	878	207	8.11	0.58	0.28	1.37	9.84	233	861	205	10.3	1.22	0.23	0.79	9.69	264			
100	735	187	7.30	0.55	0.27	1.35	9.50	203	746	184	9.68	1.22	0.22	0.77	8.18	223			
105	528	168	6.08	0.52	0.25	1.29	8.57	176	536	165	8.80	1.19	0.20	0.73	7.20	186			
110	326	153	4.99	0.47	0.24	1.22	7.23	158	317	151	7.68	1.15	0.20	0.63	5.76	162			
115	193	140	3.94	0.41	0.24	1.15	6.14	144	190	140	5.10	1.08	0.20	0.58	4.67	146			
120	155	105	3.10	0.37	0.22	1.05	4.45	120	154	109	4.08	0.98	0.19	0.51	3.68	121			
125	132	38.4	2.48	0.32	0.22	0.93	3.67	54.5	135	45.8	3.31	0.89	0.17	0.44	2.84	55.2			
130	57.8	7.89	1.91	0.28	0.22	0.84	2.95	10.5	67.3	11.3	2.69	0.81	0.17	0.38	2.21	8.62			
135	8.53	4.47	1.44	0.26	0.22	0.74	2.30	6.49	10.9	6.76	2.14	0.73	0.16	0.32	1.61	4.80			
140	4.51	2.83	1.02	0.22	0.21	0.65	1.76	3.82	5.99	3.76	1.66	0.65	0.16	0.29	1.13	3.10			
145	2.63	1.83	0.68	0.19	0.20	0.55	1.33	2.63	3.49	2.61	1.25	0.58	0.16	0.24	0.76	2.01			
150	1.57	1.08	0.44	0.16	0.20	0.47	0.99	1.77	2.23	1.78	0.92	0.49	0.16	0.21	0.46	1.20			
155	0.84	0.59	0.27	0.14	0.19	0.38	0.69	1.15	1.39	1.16	0.64	0.41	0.16	0.18	0.27	0.68			
160	0.41	0.27	0.17	0.13	0.18	0.29	0.47	0.66	0.81	0.69	0.42	0.33	0.15	0.16	0.15	0.34			
165	0.20	0.12	0.10	0.11	0.16	0.21	0.31	0.38	0.42	0.40	0.26	0.25	0.15	0.12	0.08	0.16			
170	0.08	0.03	0.06	0.08	0.16	0.14	0.17	0.16	0.19	0.20	0.14	0.18	0.15	0.10	0.03	0.08			
175	0.00	0.00	0.00	0.08	0.16	0.08	0.06	0.02	0.02	0.06	0.02	0.12	0.15	0.08	0.00	0.00			
180	0.00	0.00	0.00	0.08	0.16	0.08	0.00	0.00	0.00	0.00	0.00	0.08	0.15	0.07	0.00	0.00			

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
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