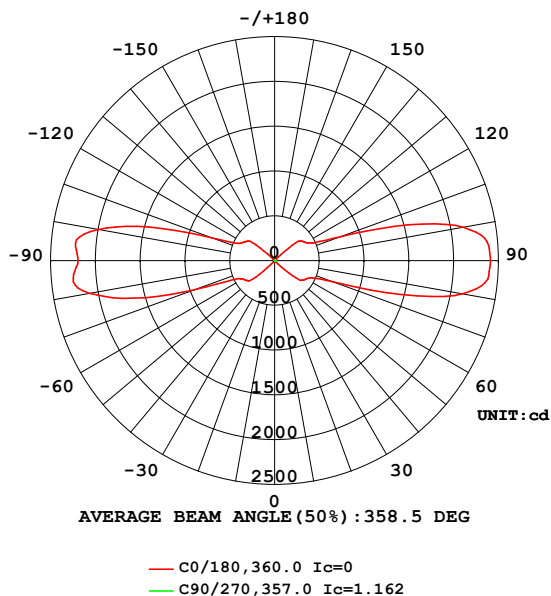


LUMINAIRE PHOTOMETRIC TEST REPORT

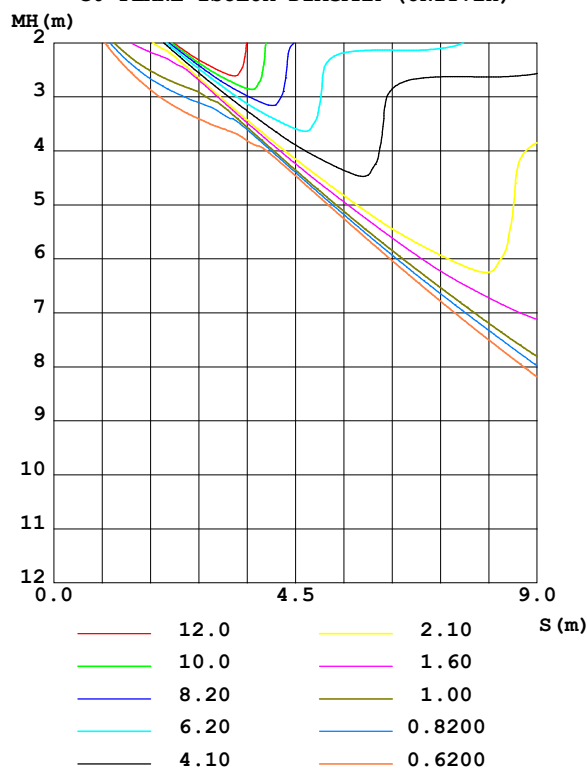
Test:U:119.78V I:0.2018A P:23.958W PF:0.9909 Freq:59.98Hz Lamp Flux:2151.23x1 lm		
NAME: 1013 圓桶壁燈 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 89.79 lm/W			
MODEL		I _{max} (cd)	2409	S/MH(C0/180)	0.00
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)		TOTAL FLUX(lm)	2151.2	η UP,DN(C0-180)	25.3,25.1
NOMINAL FLUX(lm)	2151.23	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.2,25.3
LAMPS INSIDE	1	η up (%)	49.6	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)		η down (%)	50.4	CIBSE SHR MAX	0.00

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:

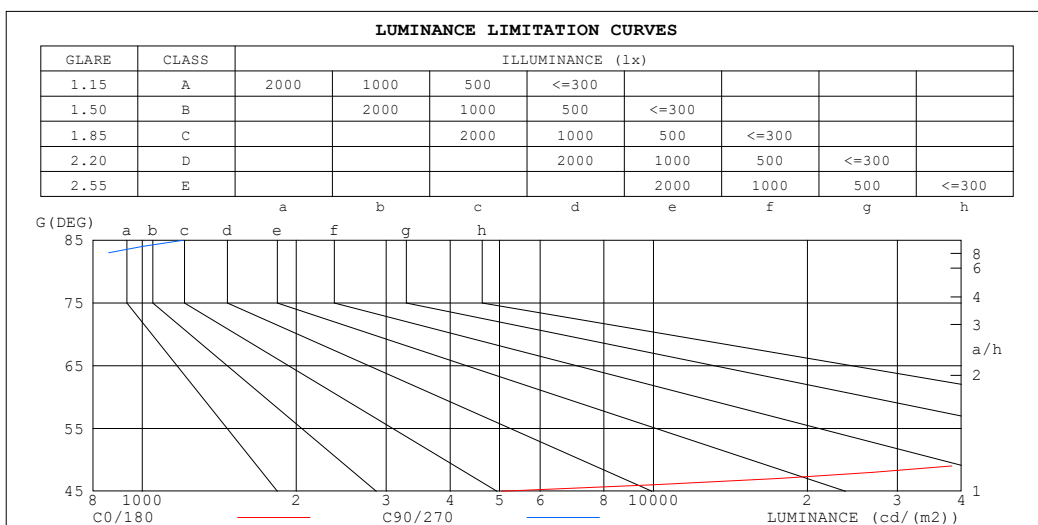
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	
10	0.7130	0.4999	1.158	0.8439	0.7011	0.8895	1.118	0.5417	0- 10	0.0543	0.0543	0.0543
20	1.484	0.7928	1.102	1.017	1.593	1.066	1.042	0.8776	10- 20	0.2684	0.3226	0.3226
30	6.553	1.381	1.054	2.161	7.236	2.181	0.9895	1.355	20- 30	0.8990	1.222	1.222
40	17.09	3.893	1.014	5.476	17.91	5.402	0.9533	3.526	30- 40	3.079	4.300	4.300
50	262.2	8.399	0.9576	9.874	322.9	10.38	0.9134	8.059	40- 50	15.64	19.94	19.94
60	411.1	13.49	0.9135	14.75	414.8	15.29	0.8813	13.12	50- 60	99.61	119.5	119.5
70	707.8	19.49	0.8934	20.94	954.7	20.73	0.8654	19.24	60- 70	168.7	288.3	288.3
80	2139	26.64	0.8894	29.40	2100	32.14	0.8573	28.90	70- 80	327.0	615.3	615.3
90	2408	36.93	0.8894	36.17	2193	44.26	0.8412	34.03	80- 90	469.6	1085	1085
100	2143	27.86	0.8375	26.96	2001	28.41	0.7932	29.26	90-100	466.0	1551	1551
110	792.1	19.73	0.7774	18.41	748.2	20.19	0.7411	21.97	100-110	318.5	1869	1869
120	406.4	13.67	0.7291	12.88	408.2	14.63	0.7091	15.69	110-120	164.6	2034	2034
130	307.3	8.723	0.7092	8.150	274.9	10.01	0.7091	10.18	120-130	97.61	2132	2132
140	17.64	4.436	0.7011	4.019	16.84	4.970	0.7051	4.926	130-140	15.31	2147	2147
150	7.035	1.640	0.6971	1.708	6.754	1.917	0.6890	1.741	140-150	3.043	2150	2150
160	1.609	0.9218	0.6371	1.102	1.512	1.270	0.6329	0.9010	150-160	0.8746	2151	2151
170	0.7331	0.8735	0.5810	0.6503	1.100	0.6356	0.5809	0.8166	160-170	0.2590	2151	2151
180	0	0.0721	0.5809	0.0841	0	0.0441	0.5769	0.0841	170-180	0.0446	2151	2151
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

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:

LUMINANCE LIMITATION CURVES

Test:U:119.78V I:0.2018A P:23.958W PF:0.9909 Freq:59.98Hz Lamp Flux:2151.23x1 lm		
NAME: 1013 圆桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3227039	1202
80	1450812	603
75	668406	405
70	243770	308
65	128580	253
60	96841	215
55	79055	192
50	48055	175
45	5042	165

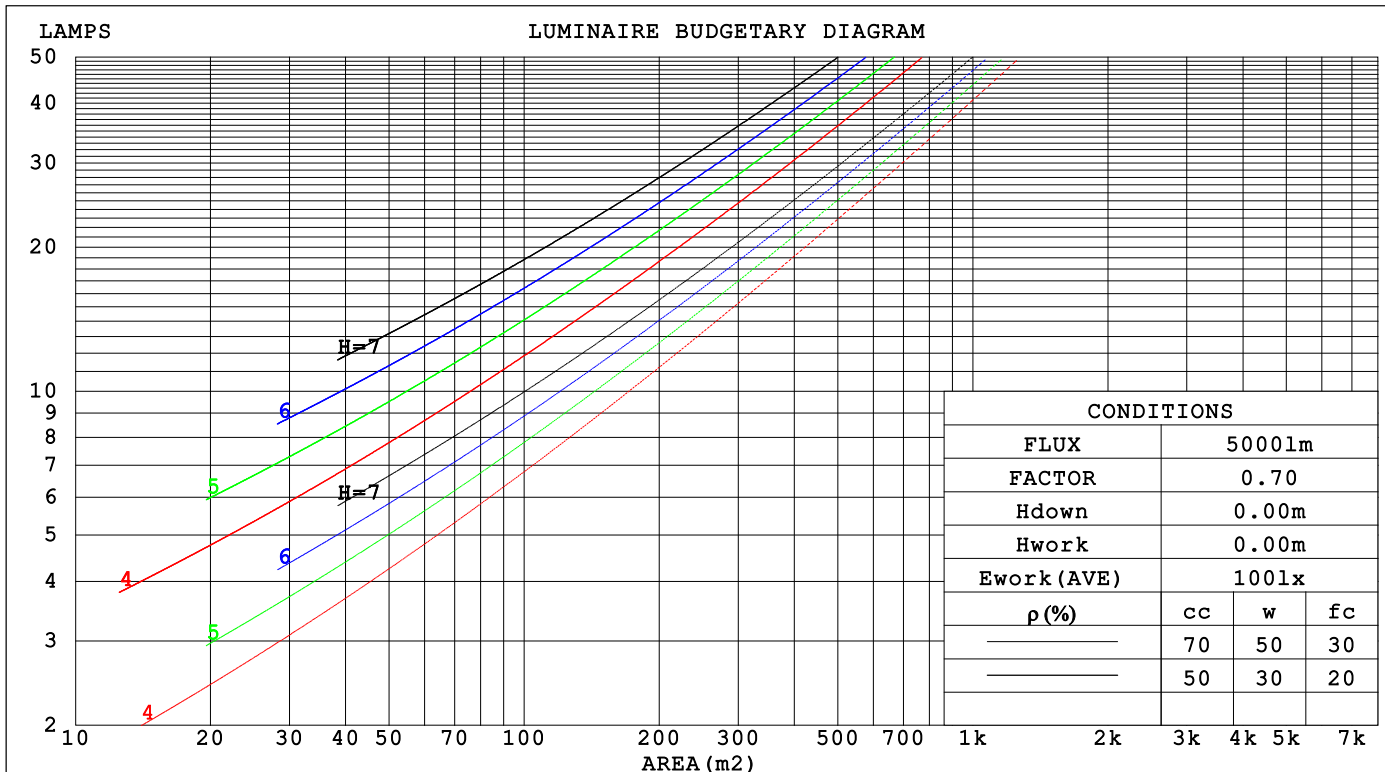
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.78V I:0.2018A P:23.958W PF:0.9909 Freq:59.98Hz Lamp Flux:2151.23x1 lm		
NAME: 1013 圓桶壁燈 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	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	.84	.84	.84	.69	.69	.69	.57	.57	.57	.50														
1.0	.79	.71	.64	.71	.64	.58	.58	.52	.47	.45	.41	.37	.34	.30	.27	.21														
2.0	.64	.54	.46	.58	.49	.41	.46	.39	.33	.35	.29	.24	.25	.20	.17	.11														
3.0	.54	.43	.35	.49	.39	.31	.38	.31	.24	.29	.23	.18	.20	.15	.11	.06														
4.0	.47	.36	.28	.42	.32	.25	.33	.25	.19	.25	.18	.13	.17	.12	.08	.04														
5.0	.41	.30	.23	.37	.27	.20	.29	.21	.15	.22	.15	.11	.15	.10	.06	.02														
6.0	.36	.26	.19	.33	.23	.17	.26	.18	.13	.19	.13	.09	.13	.09	.05	.02														
7.0	.32	.23	.16	.29	.20	.14	.23	.16	.11	.17	.12	.07	.12	.07	.04	.01														
8.0	.29	.20	.14	.26	.18	.12	.21	.14	.09	.16	.10	.06	.11	.07	.03	.01														
9.0	.27	.18	.12	.24	.16	.11	.19	.13	.08	.15	.09	.05	.10	.06	.03	.01														
10.0	.24	.16	.11	.22	.14	.09	.18	.11	.07	.13	.08	.05	.10	.05	.03	.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:119.78V I:0.2018A P:23.958W PF:0.9909 Freq:59.98Hz Lamp Flux:2151.23x1 lm		
NAME: 1013 圓桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	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	.565	.321	.102	.542	.309	.098	.499	.286	.091	.460	.265	.085	.424	.246	.079		
2.0	.429	.235	.072	.409	.225	.069	.370	.205	.064	.334	.187	.059	.300	.170	.054		
3.0	.355	.189	.057	.336	.180	.054	.300	.163	.049	.267	.146	.045	.237	.131	.041		
4.0	.305	.158	.047	.287	.150	.044	.255	.135	.040	.224	.120	.036	.196	.107	.032		
5.0	.268	.136	.040	.252	.129	.038	.222	.116	.034	.194	.102	.030	.168	.090	.027		
6.0	.240	.120	.034	.225	.114	.033	.197	.101	.029	.172	.089	.026	.148	.078	.023		
7.0	.217	.107	.030	.204	.101	.029	.178	.090	.026	.154	.079	.023	.132	.068	.020		
8.0	.198	.097	.027	.186	.092	.026	.162	.081	.023	.140	.071	.020	.119	.061	.018		
9.0	.183	.088	.025	.171	.083	.023	.149	.074	.021	.129	.064	.018	.109	.055	.016		
10.0	.169	.081	.023	.159	.077	.021	.138	.068	.019	.119	.059	.017	.100	.051	.015		

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	.568	.568	.568	.486	.486	.486	.331	.331	.331	.190	.190	.190	.061	.061	.061		
1.0	.579	.535	.495	.495	.459	.426	.339	.316	.295	.195	.183	.171	.062	.059	.055		
2.0	.574	.515	.465	.492	.443	.402	.337	.306	.280	.194	.178	.164	.062	.058	.054		
3.0	.566	.500	.448	.485	.432	.388	.333	.300	.272	.192	.175	.160	.062	.057	.053		
4.0	.558	.489	.437	.478	.423	.380	.329	.295	.267	.190	.173	.158	.061	.056	.052		
5.0	.549	.481	.430	.471	.416	.374	.325	.290	.264	.188	.171	.157	.061	.056	.052		
6.0	.541	.473	.425	.465	.410	.370	.321	.287	.262	.186	.169	.156	.060	.055	.051		
7.0	.533	.467	.421	.458	.405	.367	.317	.284	.260	.184	.167	.155	.059	.055	.051		
8.0	.526	.462	.418	.452	.401	.365	.313	.281	.259	.182	.166	.154	.059	.054	.051		
9.0	.519	.458	.416	.447	.397	.363	.310	.279	.258	.180	.165	.154	.058	.054	.051		
10.0	.512	.454	.414	.442	.394	.362	.306	.277	.257	.179	.164	.153	.058	.054	.051		

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:119.78V I:0.2018A P:23.958W PF:0.9909 Freq:59.98Hz Lamp Flux:2151.23x1 lm											
NAME: 1013 圆桶壁灯 21W 普瑞 COB FULL 110B-L						TYPE:		WEIGHT:			
SPEC.: 3000K						DIM.:		SERIAL No.:			
MFR.:						SUR.: 0.00849m²		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		23.5	24.7	24.4	25.7	26.9	-8.4	-7.2	-7.6	-6.3	-5.1
3H		29.4	30.5	30.2	31.4	32.6	-7.8	-6.7	-6.9	-5.7	-4.5
4H		34.6	35.7	35.5	36.6	37.9	-7.1	-6.1	-6.2	-5.1	-3.9
6H		40.0	41.0	40.9	42.0	43.2	-6.2	-5.2	-5.3	-4.2	-3.0
8H		42.4	43.4	43.3	44.3	45.6	-5.7	-4.7	-4.7	-3.7	-2.4
12H		44.7	45.6	45.6	46.6	47.9	-5.0	-4.0	-4.0	-3.0	-1.7
4H 2H		23.2	24.3	24.1	25.2	26.5	12.9	14.0	13.8	14.9	16.2
3H		29.4	30.3	30.3	31.3	32.6	12.6	13.5	13.5	14.5	15.8
4H		34.6	35.5	35.5	36.5	37.8	12.4	13.3	13.4	14.3	15.6
6H		40.2	41.0	41.1	42.0	43.3	12.2	13.0	13.2	14.0	15.4
8H		42.8	43.6	43.8	44.6	45.9	12.1	12.9	13.1	13.9	15.2
12H		45.4	46.2	46.4	47.2	48.5	12.0	12.8	13.0	13.8	15.1
8H 4H		34.3	35.1	35.3	36.1	37.5	20.1	20.9	21.1	21.9	23.2
6H		40.0	40.7	41.0	41.7	43.1	20.0	20.6	21.0	21.7	23.0
8H		42.7	43.4	43.7	44.4	45.8	19.9	20.5	20.9	21.5	22.9
12H		45.7	46.2	46.7	47.3	48.6	19.8	20.4	20.8	21.4	22.8
12H 4H		34.2	35.0	35.2	36.0	37.3	23.7	24.4	24.7	25.4	26.8
6H		39.9	40.5	40.9	41.6	42.9	23.7	24.3	24.7	25.4	26.7
8H		42.7	43.2	43.7	44.3	45.6	23.6	24.2	24.6	25.2	26.6
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		+ 0.9 / - 0.8					+ 1.8 / - 1.1				

CIE Pub.117, 2151 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.7)
Area: 0.00849 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:119.78V I:0.2018A P:23.958W PF:0.9909 Freq:59.98Hz Lamp Flux:2151.23x1 lm		
NAME: 1013 圓桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

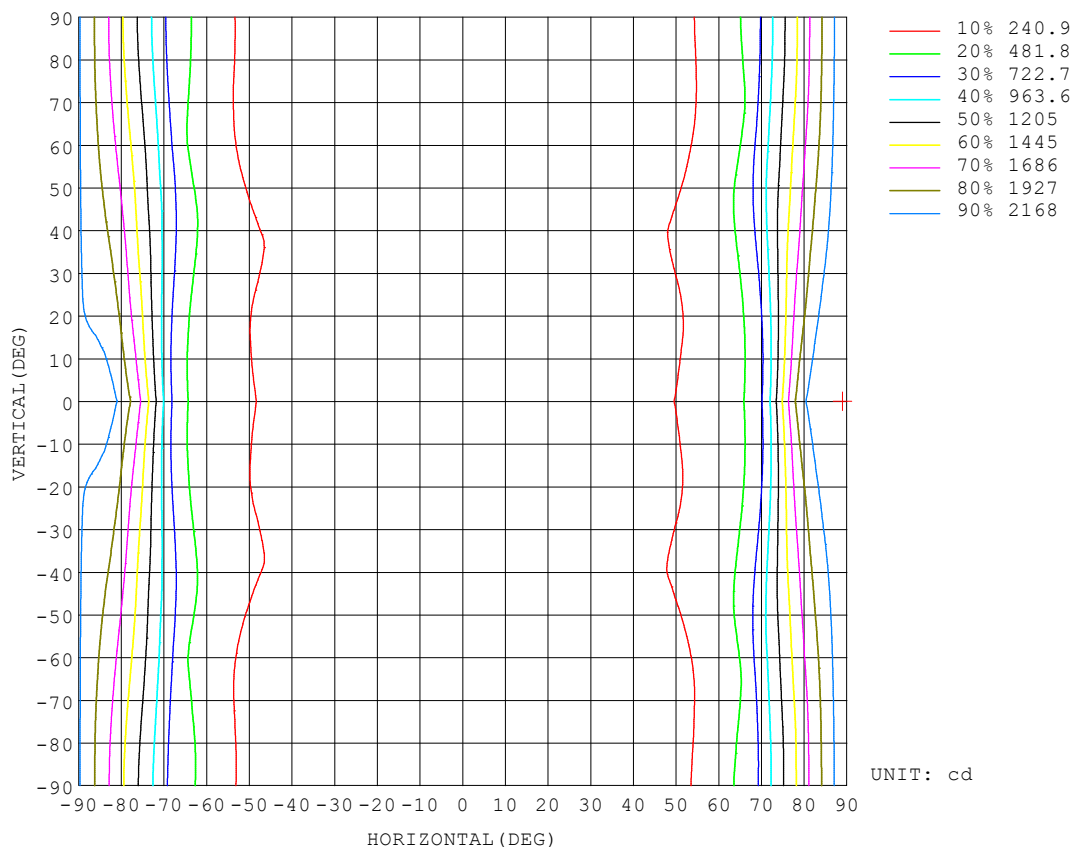
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	30	16	8	28	15	8	26	14	7	0
0.80	37	21	12	35	20	11	31	18	10	1
1.00	43	26	15	40	25	15	35	24	13	2
1.25	49	32	20	46	30	19	39	26	16	3
1.50	54	37	25	50	34	23	43	29	20	5
2.00	62	45	33	57	42	30	48	36	26	8
2.50	67	51	39	62	48	36	52	40	31	11
3.00	72	57	45	66	52	41	55	44	35	14
4.00	78	64	53	71	59	49	60	50	42	18
5.00	82	70	60	75	64	55	63	54	46	21
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:119.78V I:0.2018A P:23.958W PF:0.9909 Freq:59.98Hz Lamp Flux:2151.23x1 lm		
NAME: 1013 圆桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

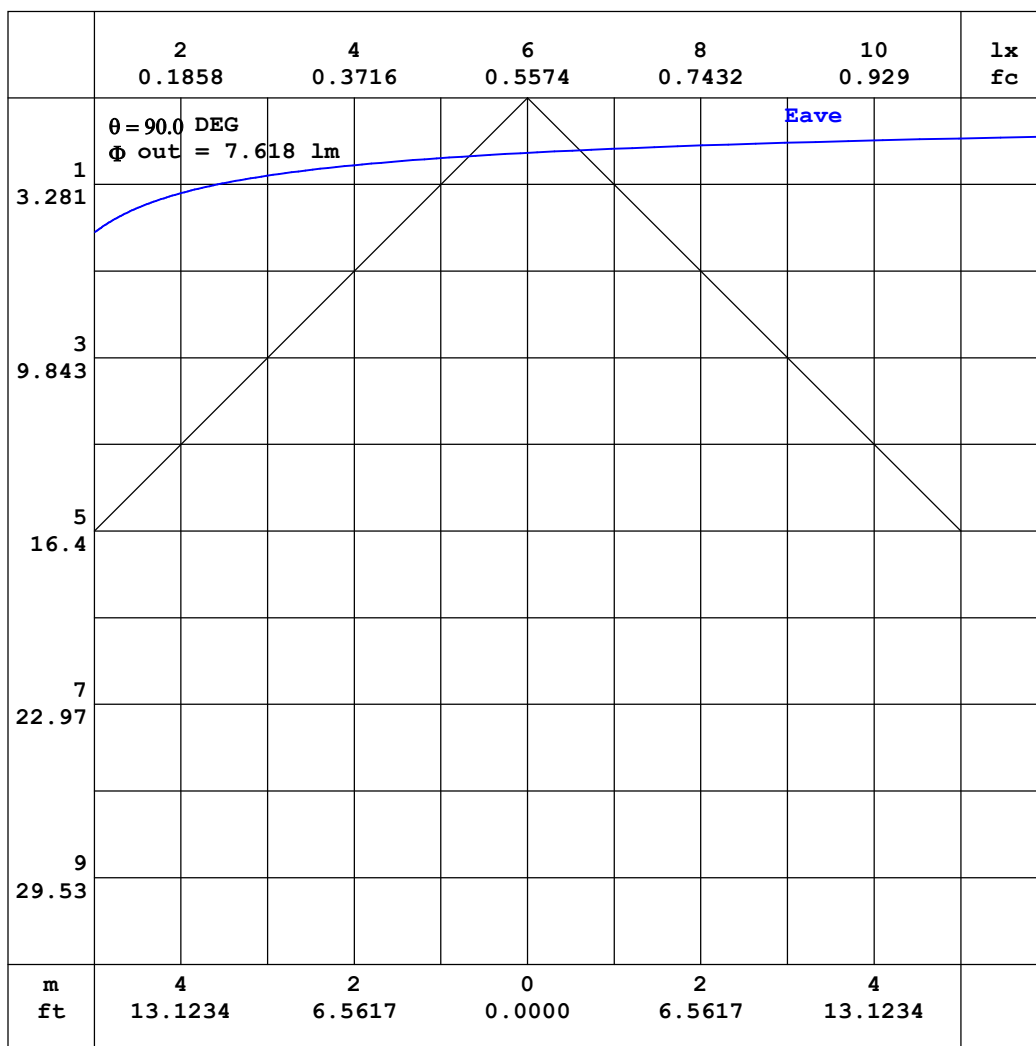


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:

AAI CURVES

Test:U:119.78V I:0.2018A P:23.958W PF:0.9909 Freq:59.98Hz Lamp Flux:2151.23x1 lm		
NAME: 1013 圓桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:



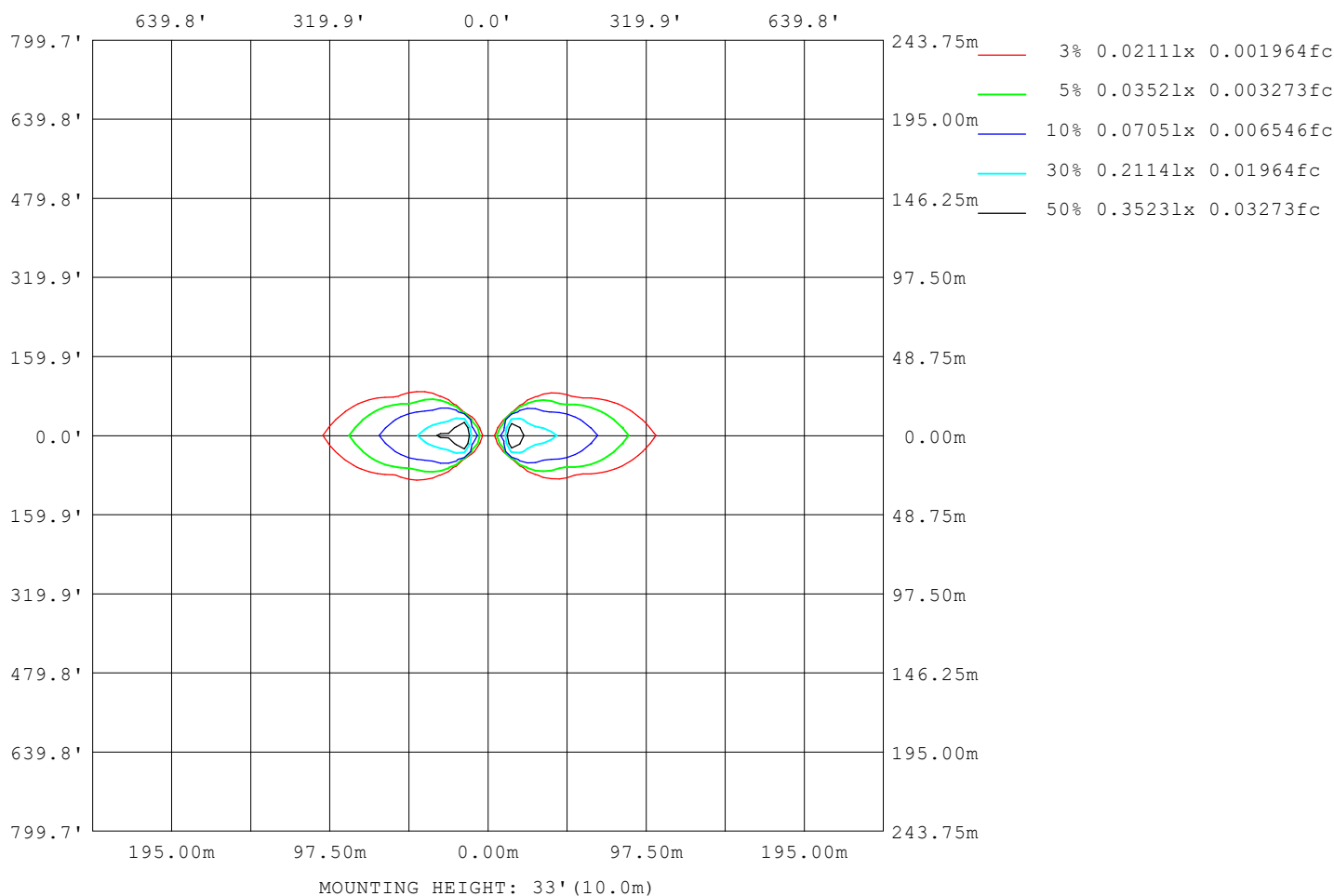
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3℃
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:119.78V I:0.2018A P:23.958W PF:0.9909 Freq:59.98Hz Lamp Flux:2151.23x1 lm		
NAME: 1013 圆桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	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:

LED Avg.L Report

Test:U:119.78V I:0.2018A P:23.958W PF:0.9909 Freq:59.98Hz Lamp Flux:2151.23x1 lm		
NAME: 1013 圆桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

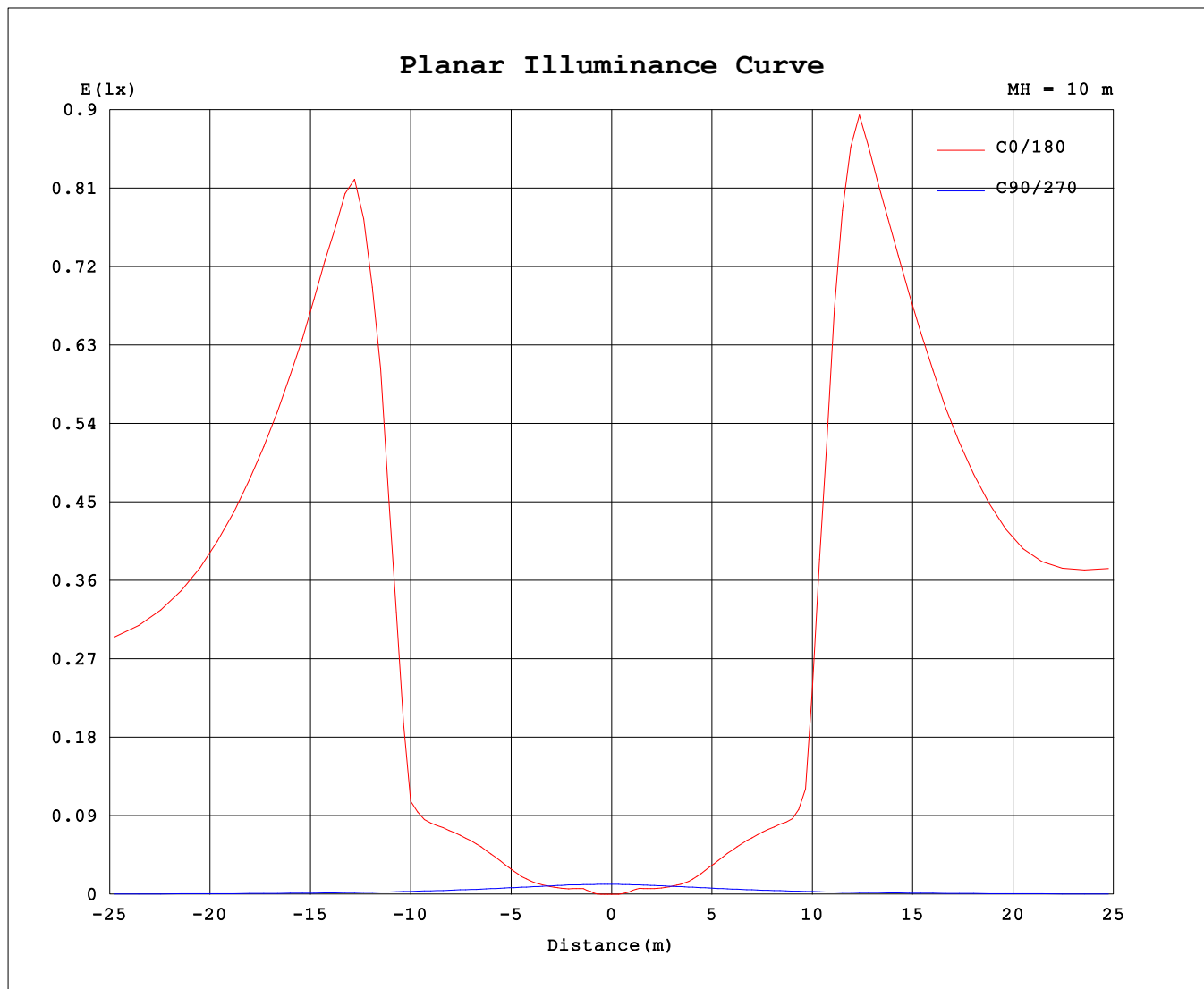
AvgL	cd/m2
L_0~180 (65) av	134749
L_0~180 (75) av	704636
L_0~180 (85) av	3139160
L_90~270 (65) av	248
L_90~270 (75) av	399
L_90~270 (85) av	1172
L_45 (65) av	4684
L_45 (75) av	11002
L_45 (85) av	47625

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:119.78V I:0.2018A P:23.958W PF:0.9909 Freq:59.98Hz Lamp Flux:2151.23x1 lm		
NAME: 1013 圓桶壁灯 21W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	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	0.11	0.58	1.15	0.63	0.08	0.00	0.00	0.00	0.11	0.58	1.15	0.63	0.08	0.00			
5	0.14	0.13	0.10	0.56	1.16	0.73	0.28	0.29	0.29	0.26	0.32	0.66	1.14	0.59	0.10	0.08			
10	0.71	0.68	0.50	0.58	1.16	0.93	0.84	0.70	0.70	0.72	0.89	0.86	1.12	0.56	0.54	0.74			
15	0.84	0.77	0.73	0.71	1.14	1.22	0.83	0.85	0.90	0.81	0.89	1.20	1.09	0.66	0.93	0.74			
20	1.48	1.10	0.79	0.97	1.10	1.46	1.02	1.37	1.59	1.34	1.07	1.51	1.04	0.95	0.88	1.03			
25	3.14	1.89	1.01	1.12	1.08	1.47	1.41	2.78	3.67	2.76	1.46	1.59	1.02	1.29	1.04	1.80			
30	6.55	4.12	1.38	1.12	1.05	1.49	2.16	5.52	7.24	5.54	2.18	1.60	0.99	1.49	1.36	3.96			
35	11.2	7.63	2.24	1.15	1.03	1.58	3.61	9.08	11.8	9.23	3.52	1.65	0.97	1.53	2.09	7.37			
40	17.1	11.9	3.89	1.24	1.01	1.71	5.48	13.5	17.9	13.8	5.40	1.79	0.95	1.45	3.53	11.7			
45	30.3	17.6	5.98	1.31	0.99	1.86	7.59	19.7	66.8	20.6	7.77	1.94	0.93	1.36	5.60	16.8			
50	262	29.3	8.40	1.39	0.96	2.04	9.87	79.5	323	81.5	10.4	2.11	0.91	1.35	8.06	27.5			
55	385	210	10.8	1.52	0.93	2.20	12.2	296	388	297	12.9	2.30	0.89	1.44	10.6	203			
60	411	367	13.5	1.63	0.91	2.38	14.8	378	415	375	15.3	2.49	0.88	1.53	13.1	364			
65	461	392	16.3	1.77	0.91	2.59	17.5	399	506	398	17.7	2.69	0.87	1.65	15.7	389			
70	708	409	19.5	1.91	0.89	2.79	20.9	417	955	418	20.7	2.90	0.87	1.79	19.2	409			
75	1469	433	22.3	2.04	0.89	2.93	25.5	450	1628	452	25.6	3.04	0.87	1.94	23.2	429			
80	2139	485	26.6	2.18	0.89	3.03	29.4	521	2100	504	32.1	3.13	0.86	2.08	28.9	461			
85	2388	544	31.2	2.29	0.89	3.04	35.0	587	2258	555	43.1	3.20	0.85	2.20	31.7	508			
90	2408	577	36.9	2.31	0.89	3.02	36.2	604	2193	575	44.3	3.23	0.84	2.28	34.0	535			
95	2383	559	35.4	2.28	0.88	2.95	31.8	562	2230	541	37.9	3.23	0.82	2.29	32.8	519			
100	2143	501	27.9	2.17	0.84	2.82	27.0	490	2001	476	28.4	3.08	0.79	2.27	29.3	473			
105	1547	443	23.6	2.04	0.81	2.68	22.0	432	1451	434	24.3	2.89	0.77	2.16	25.6	436			
110	792	411	19.7	1.88	0.78	2.51	18.4	406	748	413	20.2	2.66	0.74	2.04	22.0	412			
115	473	391	16.4	1.71	0.75	2.33	15.3	386	459	395	17.2	2.43	0.71	1.88	18.4	391			
120	406	369	13.7	1.54	0.73	2.15	12.9	364	408	352	14.6	2.24	0.71	1.72	15.7	368			
125	378	279	11.1	1.40	0.72	1.97	10.4	213	380	203	12.3	2.10	0.71	1.57	12.9	273			
130	307	67.9	8.72	1.28	0.71	1.81	8.15	29.3	275	38.0	10.0	2.04	0.71	1.45	10.2	65.2			
135	56.7	18.8	6.49	1.20	0.71	1.69	5.92	16.8	33.5	19.6	7.35	2.06	0.71	1.33	7.35	19.8			
140	17.6	12.5	4.44	1.12	0.70	1.67	4.02	11.6	16.8	13.1	4.97	2.10	0.71	1.24	4.93	13.6			
145	11.5	8.30	2.70	1.09	0.70	1.75	2.52	7.65	11.3	8.45	3.07	2.12	0.70	1.15	2.97	8.80			
150	7.04	4.85	1.64	1.11	0.70	1.74	1.71	4.41	6.75	4.76	1.92	1.97	0.69	1.07	1.74	5.05			
155	3.49	2.30	1.16	1.19	0.68	1.48	1.29	2.11	3.33	2.30	1.38	1.60	0.67	1.03	1.19	2.40			
160	1.61	1.20	0.92	1.12	0.64	1.06	1.10	1.18	1.51	1.29	1.27	1.15	0.63	1.05	0.90	1.30			
165	0.94	0.81	0.82	0.84	0.61	0.64	1.24	0.93	0.93	0.97	1.30	0.69	0.59	0.89	0.77	0.87			
170	0.73	0.79	0.87	0.52	0.58	0.41	0.65	0.91	1.10	1.01	0.64	0.47	0.58	0.57	0.82	0.74			
175	0.41	0.35	0.26	0.34	0.58	0.35	0.15	0.12	0.15	0.16	0.10	0.38	0.58	0.36	0.25	0.39			
180	0.00	0.00	0.07	0.33	0.58	0.35	0.08	0.00	0.00	0.00	0.04	0.36	0.58	0.34	0.08	0.00			

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