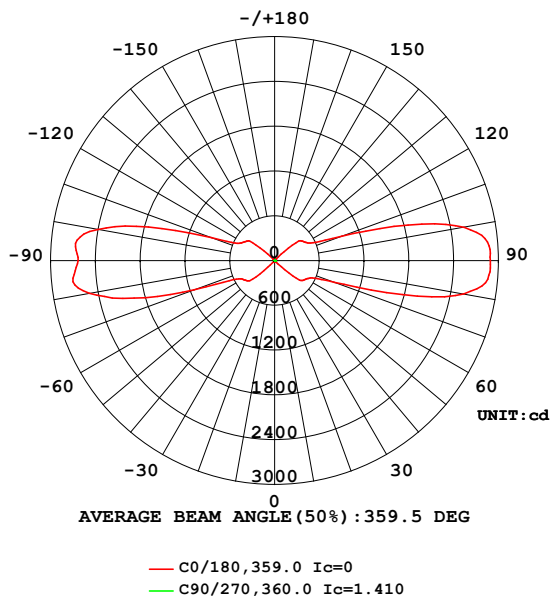


LUMINAIRE PHOTOMETRIC TEST REPORT

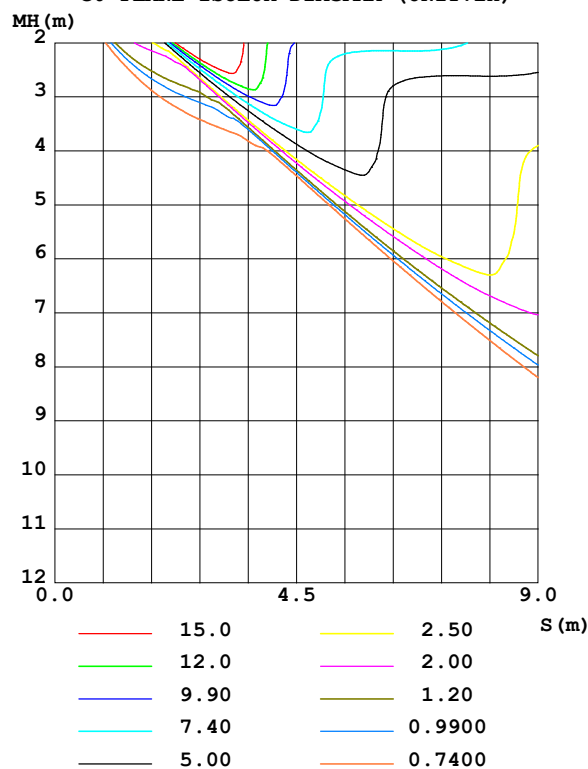
Test:U:119.78V I:0.2546A P:30.189W PF:0.9901 Freq:59.98Hz Lamp Flux:2590.28x1 lm		
NAME: 1013 圓桶壁燈 28W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m ²	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 85.80 lm/W			
MODEL		I _{max} (cd)	2892	S/MH(C0/180)	1136.82
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.31
RATED VOLTAGE(V)		TOTAL FLUX(lm)	2590.3	η UP,DN(C0-180)	25.3,25.2
NOMINAL FLUX(lm)	2590.28	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.3,25.3
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:

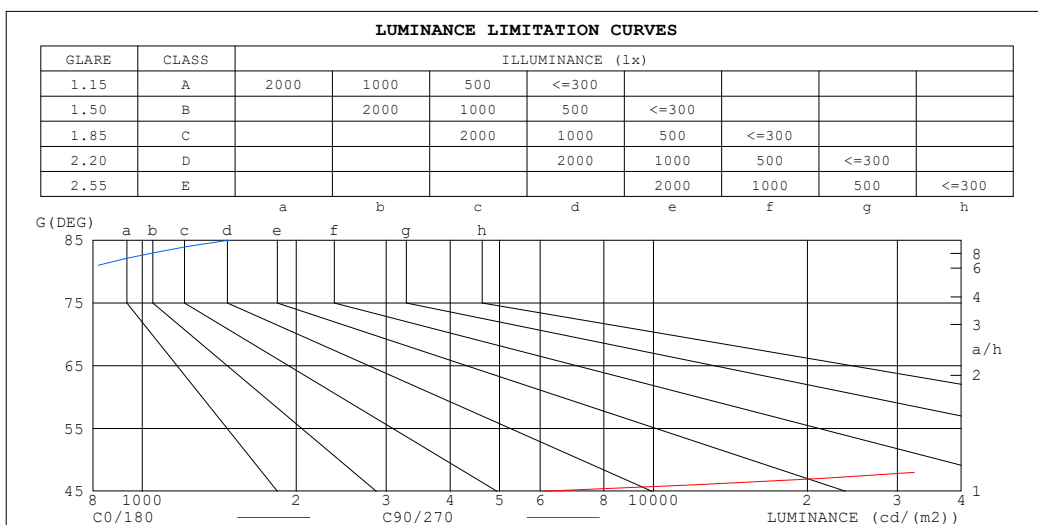
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	
10	0.8852	0.6240	1.410	1.044	0.8574	1.090	1.358	0.6701	0- 10	0.0673	0.0673	0.0673
20	1.808	0.9810	1.342	1.245	1.926	1.295	1.282	1.078	10- 20	0.3288	0.3961	0.3961
30	7.885	1.685	1.286	2.637	8.716	2.643	1.222	1.648	20- 30	1.092	1.488	1.488
40	20.52	4.717	1.246	6.636	21.54	6.533	1.170	4.276	30- 40	3.724	5.212	5.212
50	320.1	10.12	1.174	11.96	388.0	12.53	1.122	9.746	40- 50	18.86	24.07	24.07
60	495.1	16.26	1.122	17.79	499.4	18.45	1.086	15.86	50- 60	120.2	144.2	144.2
70	853.2	23.49	1.098	25.30	1149	25.00	1.074	23.20	60- 70	203.4	347.7	347.7
80	2574	32.06	1.090	35.49	2520	38.81	1.062	34.78	70- 80	393.7	741.4	741.4
90	2892	44.58	1.090	43.68	2633	53.37	1.038	41.09	80- 90	565.1	1306	1306
100	2576	33.55	1.034	32.52	2408	34.31	0.9894	35.27	90-100	560.6	1867	1867
110	955.4	23.77	0.9575	22.18	903.2	24.39	0.9175	26.52	100-110	383.5	2251	2251
120	489.4	16.48	0.9014	15.55	492.3	17.67	0.8654	18.97	110-120	198.5	2449	2449
130	370.0	10.52	0.8694	9.850	331.0	12.12	0.8654	12.32	120-130	117.7	2567	2567
140	21.23	5.362	0.8654	4.865	20.33	6.006	0.8654	5.963	130-140	18.48	2585	2585
150	8.471	1.989	0.8613	2.077	8.138	2.350	0.8533	2.113	140-150	3.678	2589	2589
160	1.950	1.122	0.7814	1.338	1.848	1.539	0.7852	1.109	150-160	1.063	2590	2590
170	0.8974	1.078	0.7171	0.8068	1.332	0.7916	0.7211	1.009	160-170	0.3171	2590	2590
180	0	0.1042	0.7171	0.1202	0	0.0721	0.7171	0.1202	170-180	0.0557	2590	2590
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:0.2546A P:30.189W PF:0.9901 Freq:59.98Hz Lamp Flux:2590.28x1 lm		
NAME: 1013 圆桶壁灯 28W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3877699	1473
80	1745983	739
75	805789	496
70	293844	378
65	154784	310
60	116630	264
55	95194	234
50	58653	215
45	6067	202

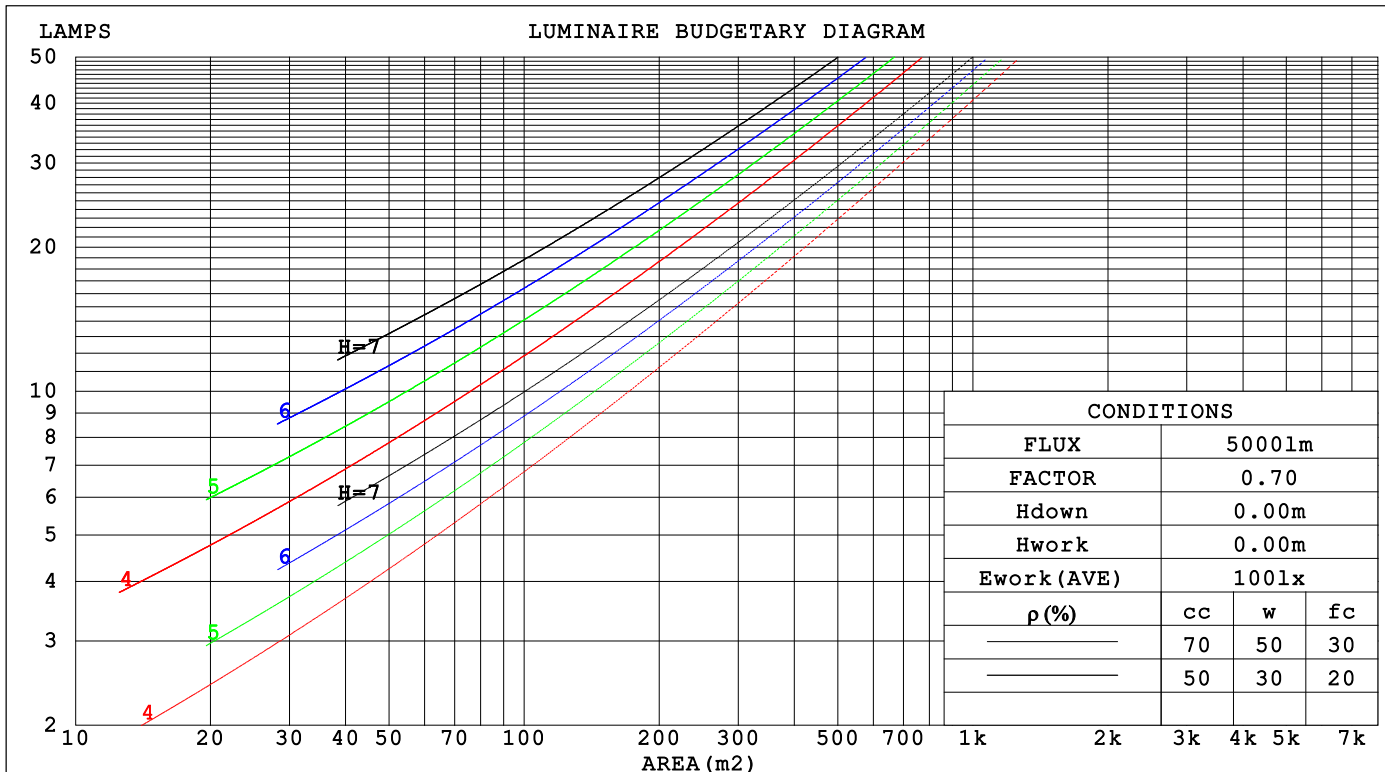
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:0.2546A P:30.189W PF:0.9901 Freq:59.98Hz Lamp Flux:2590.28x1 lm		
NAME: 1013 圓桶壁燈 28W 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	.16	.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:0.2546A P:30.189W PF:0.9901 Freq:59.98Hz Lamp Flux:2590.28x1 lm		
NAME: 1013 圓桶壁灯 28W 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	.564	.321	.102	.542	.309	.098	.499	.286	.091	.460	.265	.085	.424	.246	.079		
2.0	.429	.235	.072	.408	.225	.069	.369	.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	.525	.462	.418	.452	.401	.365	.313	.281	.259	.182	.166	.154	.059	.054	.051		
9.0	.519	.457	.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:0.2546A P:30.189W PF:0.9901 Freq:59.98Hz Lamp Flux:2590.28x1 lm										
NAME: 1013 圓桶壁灯 28W 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	-7.5	-6.3	-5.1
3H	29.4	30.5	30.2	31.4	32.7	-7.7	-6.6	-6.8	-5.7	-4.4
4H	34.6	35.7	35.5	36.6	37.9	-7.1	-6.0	-6.2	-5.1	-3.8
6H	40.0	41.0	40.9	42.0	43.2	-6.2	-5.2	-5.3	-4.2	-2.9
8H	42.4	43.4	43.3	44.3	45.6	-5.6	-4.6	-4.7	-3.6	-2.4
12H	44.7	45.6	45.6	46.6	47.9	-4.9	-3.9	-4.0	-2.9	-1.7
4H 2H	23.2	24.3	24.1	25.3	26.5	12.9	14.0	13.8	15.0	16.2
3H	29.4	30.3	30.3	31.3	32.6	12.6	13.6	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	14.1	15.4
8H	42.8	43.6	43.8	44.6	45.9	12.1	12.9	13.1	13.9	15.3
12H	45.4	46.2	46.4	47.2	48.5	12.1	12.8	13.0	13.8	15.1
8H 4H	34.4	35.1	35.3	36.1	37.5	20.1	20.9	21.1	21.9	23.3
6H	40.0	40.7	41.0	41.7	43.1	20.0	20.7	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	34.3	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	24.7	25.3	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, 2590 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 3.3)
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:0.2546A P:30.189W PF:0.9901 Freq:59.98Hz Lamp Flux:2590.28x1 lm		
NAME: 1013 圓桶壁灯 28W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

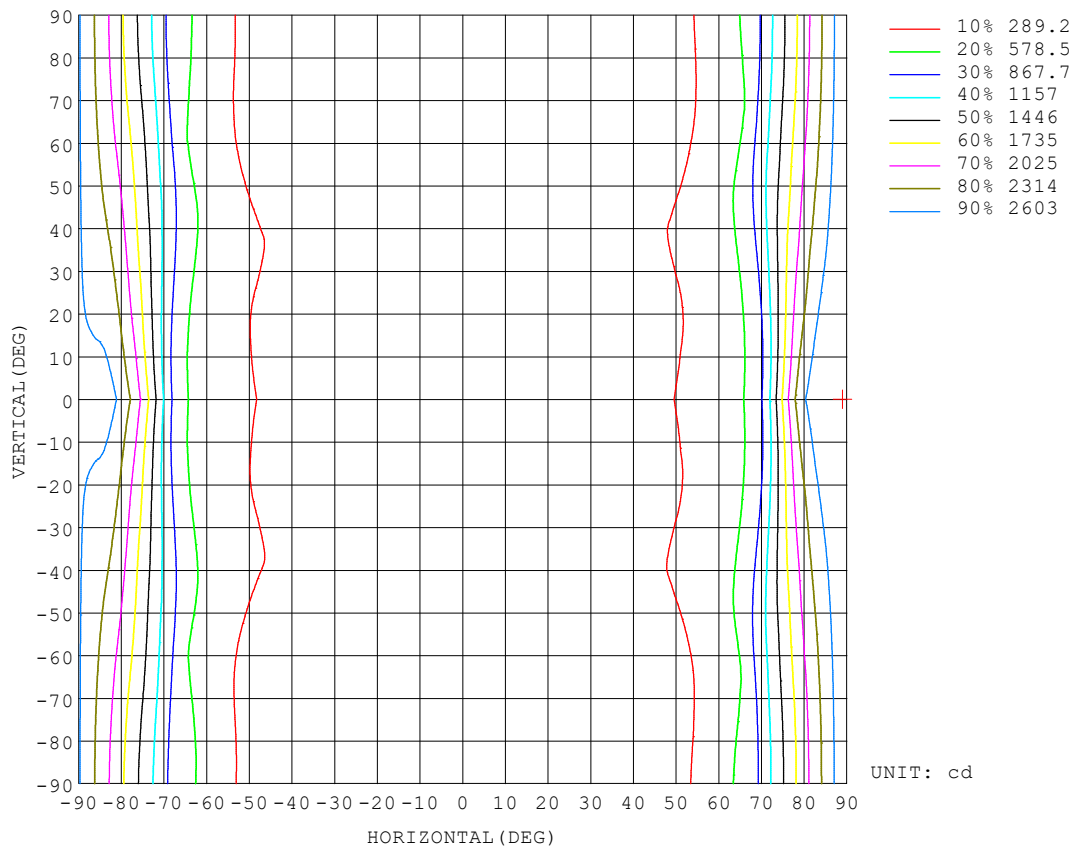
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	30	16	8	28	15	8	26	14	7	0
0.80	37	21	12	35	20	11	31	18	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:0.2546A P:30.189W PF:0.9901 Freq:59.98Hz Lamp Flux:2590.28x1 lm		
NAME: 1013 圆桶壁灯 28W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

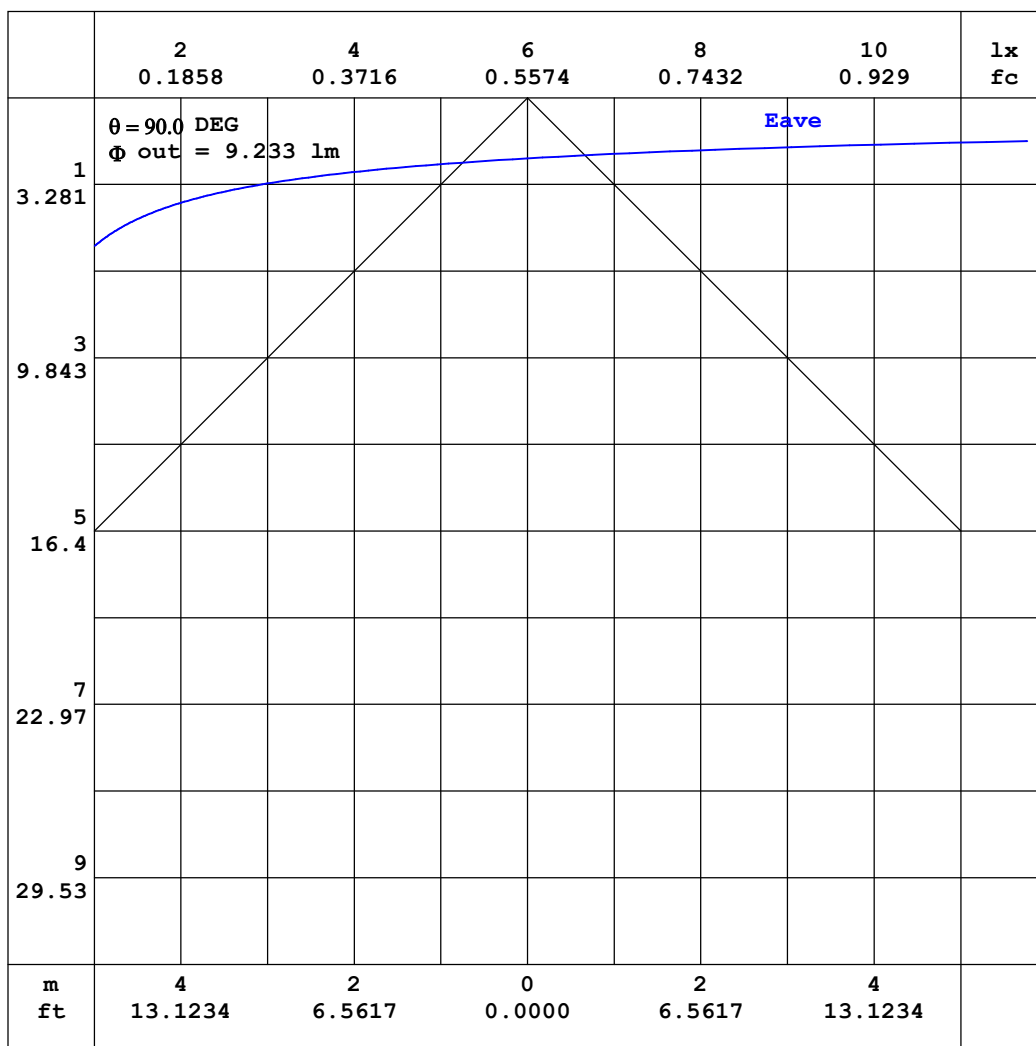


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:0.2546A P:30.189W PF:0.9901 Freq:59.98Hz Lamp Flux:2590.28x1 lm		
NAME: 1013 圓桶壁灯 28W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:



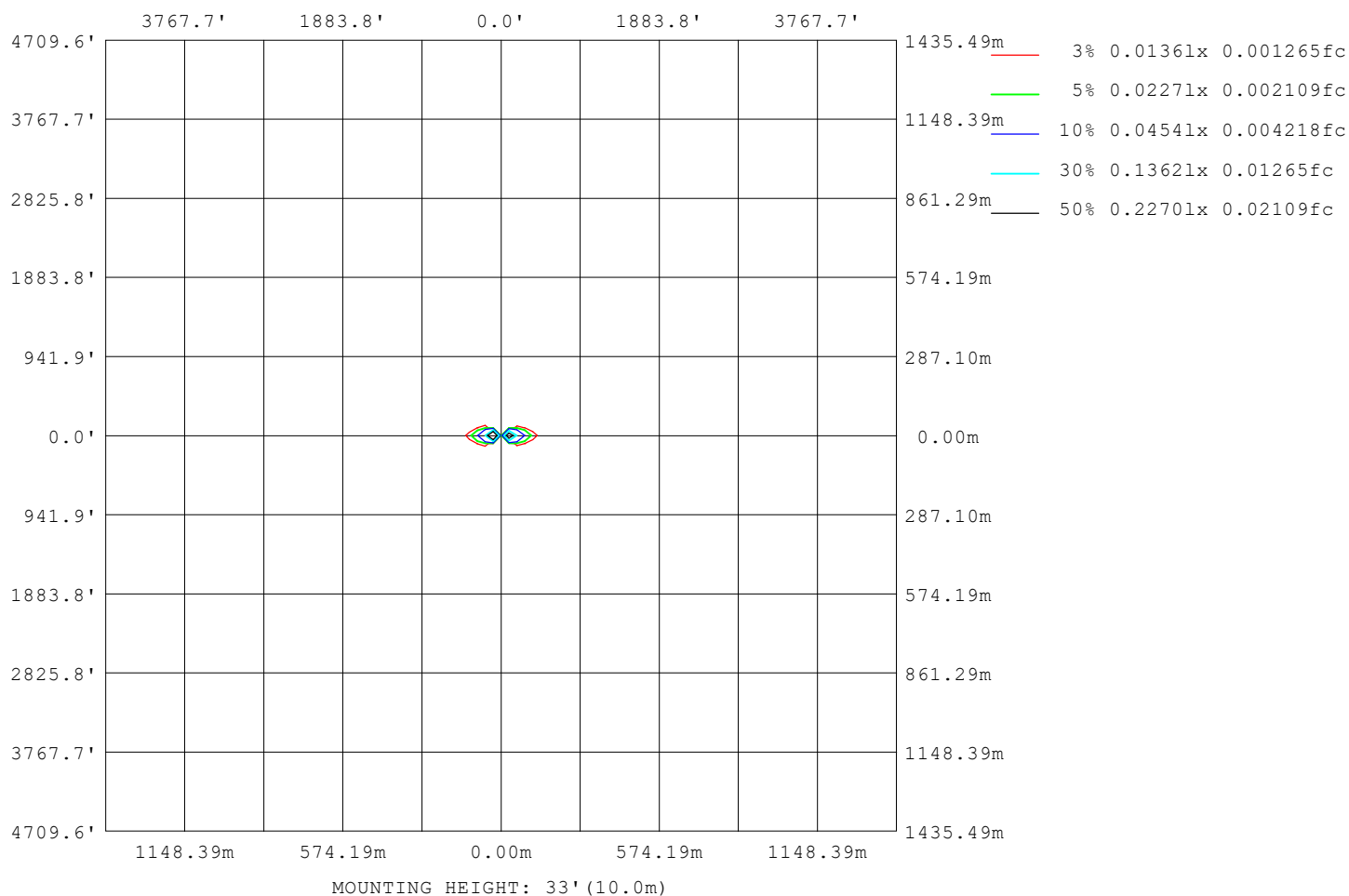
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.2546A P:30.189W PF:0.9901 Freq:59.98Hz Lamp Flux:2590.28x1 lm		
NAME: 1013 圆桶壁灯 28W 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:0.2546A P:30.189W PF:0.9901 Freq:59.98Hz Lamp Flux:2590.28x1 lm		
NAME: 1013 圆桶壁灯 28W 普瑞 COB FULL 110B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00849m²	Shielding Angle:

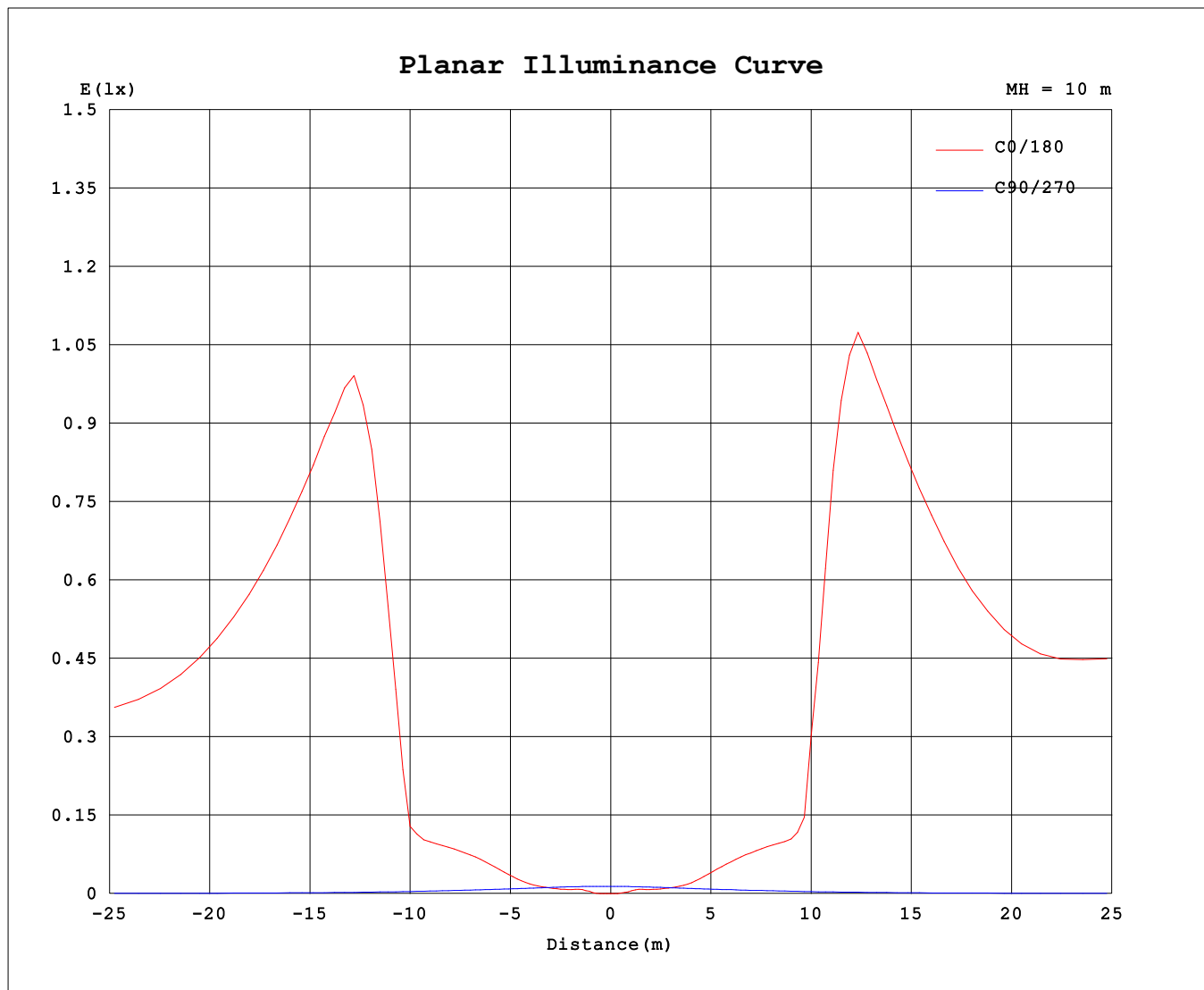
AvgL	cd/m2
L_0~180 (65) av	162070
L_0~180 (75) av	846985
L_0~180 (85) av	3771081
L_90~270 (65) av	305
L_90~270 (75) av	491
L_90~270 (85) av	1446
L_45 (65) av	5655
L_45 (75) av	13269
L_45 (85) av	57460

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:0.2546A P:30.189W PF:0.9901 Freq:59.98Hz Lamp Flux:2590.28x1 lm		
NAME: 1013 圓桶壁灯 28W 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	0.01	0.15	0.72	1.41	0.78	0.12	0.02	0.00	0.01	0.15	0.72	1.41	0.78	0.12	0.02			
5	0.19	0.17	0.14	0.69	1.41	0.89	0.37	0.37	0.37	0.34	0.40	0.82	1.39	0.73	0.14	0.12			
10	0.89	0.85	0.62	0.71	1.41	1.13	1.04	0.86	0.86	0.90	1.09	1.07	1.36	0.70	0.67	0.93			
15	1.03	0.94	0.91	0.87	1.38	1.48	1.03	1.04	1.10	1.01	1.09	1.47	1.31	0.82	1.15	0.91			
20	1.81	1.32	0.98	1.19	1.34	1.77	1.25	1.67	1.93	1.65	1.29	1.86	1.28	1.17	1.08	1.25			
25	3.81	2.29	1.24	1.36	1.31	1.78	1.74	3.36	4.42	3.34	1.78	1.95	1.24	1.59	1.27	2.20			
30	7.89	4.99	1.69	1.35	1.29	1.82	2.64	6.69	8.72	6.66	2.64	1.96	1.22	1.83	1.65	4.80			
35	13.5	9.22	2.72	1.40	1.26	1.93	4.39	11.0	14.2	11.1	4.27	2.02	1.19	1.87	2.53	8.89			
40	20.5	14.4	4.72	1.49	1.25	2.08	6.64	16.3	21.5	16.7	6.53	2.18	1.17	1.77	4.28	14.2			
45	36.4	21.2	7.22	1.59	1.21	2.27	9.18	23.7	85.5	24.8	9.38	2.38	1.15	1.65	6.77	20.3			
50	320	35.4	10.1	1.70	1.17	2.47	12.0	101	388	98.1	12.5	2.58	1.12	1.65	9.75	33.1			
55	464	255	13.1	1.84	1.14	2.68	14.8	357	467	358	15.5	2.80	1.11	1.76	12.8	244			
60	495	443	16.3	1.98	1.12	2.90	17.8	455	499	451	18.5	3.03	1.09	1.87	15.9	440			
65	555	473	19.7	2.15	1.11	3.15	21.1	481	608	480	21.4	3.27	1.08	2.01	19.0	471			
70	853	493	23.5	2.31	1.10	3.39	25.3	503	1149	505	25.0	3.52	1.07	2.19	23.2	494			
75	1771	522	26.9	2.48	1.09	3.55	30.9	543	1952	544	30.9	3.69	1.07	2.37	28.0	520			
80	2574	585	32.1	2.64	1.09	3.66	35.5	627	2520	608	38.8	3.81	1.06	2.54	34.8	558			
85	2869	657	37.6	2.78	1.09	3.69	42.2	708	2712	670	52.0	3.88	1.05	2.68	38.2	613			
90	2892	697	44.6	2.82	1.09	3.67	43.7	729	2633	695	53.4	3.93	1.04	2.77	41.1	648			
95	2864	674	42.7	2.76	1.07	3.58	38.4	677	2676	653	45.7	3.91	1.02	2.78	39.6	628			
100	2576	603	33.6	2.65	1.03	3.44	32.5	592	2408	574	34.3	3.73	0.99	2.75	35.3	572			
105	1852	533	28.4	2.48	0.99	3.26	26.6	521	1749	525	29.3	3.51	0.96	2.63	30.8	528			
110	955	494	23.8	2.28	0.96	3.06	22.2	491	903	498	24.4	3.23	0.92	2.47	26.5	498			
115	569	471	19.8	2.07	0.93	2.84	18.5	465	554	476	20.7	2.96	0.89	2.28	22.2	473			
120	489	444	16.5	1.88	0.90	2.62	15.5	439	492	425	17.7	2.72	0.87	2.09	19.0	446			
125	457	336	13.4	1.71	0.88	2.40	12.6	257	458	247	14.9	2.55	0.87	1.90	15.6	330			
130	370	81.3	10.5	1.56	0.87	2.21	9.85	35.3	331	46.3	12.1	2.48	0.87	1.76	12.3	79.0			
135	68.8	22.7	7.84	1.46	0.87	2.05	7.17	20.3	40.7	23.7	8.91	2.50	0.87	1.62	8.90	23.9			
140	21.2	15.1	5.36	1.35	0.87	2.04	4.87	14.1	20.3	15.8	6.01	2.56	0.87	1.50	5.96	16.4			
145	13.8	9.96	3.27	1.32	0.87	2.15	3.07	9.20	13.7	10.2	3.71	2.57	0.86	1.39	3.61	10.7			
150	8.47	5.84	1.99	1.34	0.86	2.13	2.08	5.35	8.14	5.76	2.35	2.39	0.85	1.30	2.11	6.13			
155	4.21	2.78	1.40	1.45	0.84	1.81	1.57	2.57	4.05	2.80	1.69	1.95	0.83	1.27	1.45	2.92			
160	1.95	1.46	1.12	1.36	0.78	1.29	1.34	1.44	1.85	1.57	1.54	1.40	0.79	1.28	1.11	1.58			
165	1.14	1.00	1.01	1.04	0.75	0.78	1.51	1.14	1.15	1.19	1.59	0.85	0.75	1.09	0.94	1.06			
170	0.90	0.97	1.08	0.66	0.72	0.52	0.81	1.13	1.33	1.23	0.79	0.58	0.72	0.69	1.01	0.92			
175	0.51	0.44	0.33	0.45	0.72	0.44	0.19	0.16	0.20	0.21	0.14	0.48	0.72	0.46	0.32	0.49			
180	0.00	0.00	0.10	0.43	0.72	0.44	0.12	0.00	0.00	0.00	0.07	0.46	0.72	0.43	0.12	0.00			

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