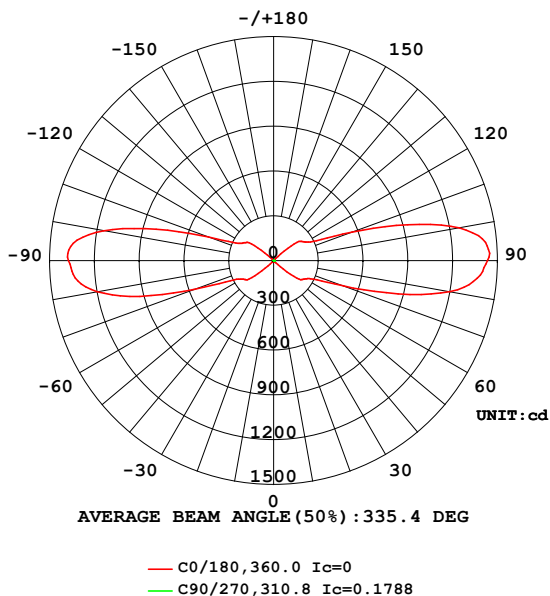


LUMINAIRE PHOTOMETRIC TEST REPORT

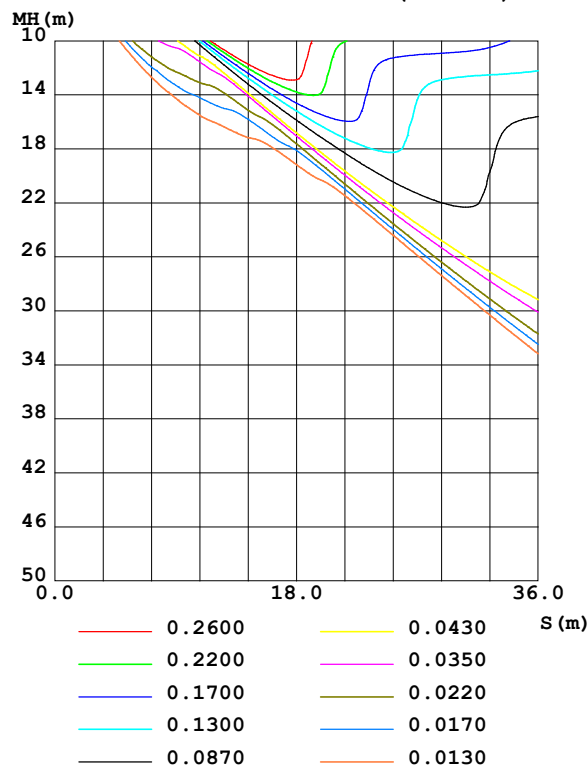
Test:U:119.78V I:0.1060A P:12.531W PF:0.9866 Freq:59.98Hz Lamp Flux:1278.48x1 lm		
NAME: 1013 圓桶壁燈 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 102.02 lm/W			
MODEL		I _{max} (cd)	1448	S/MH(C0/180)	0.00
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.29
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1278.5	η UP,DN(C0-180)	25.6,25.0
NOMINAL FLUX(lm)	1278.48	CIE CLASS	DIFFUSE	η UP,DN(C180-360)	24.2,25.1
LAMPS INSIDE	1	η up (%)	49.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)		η down (%)	50.1	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:

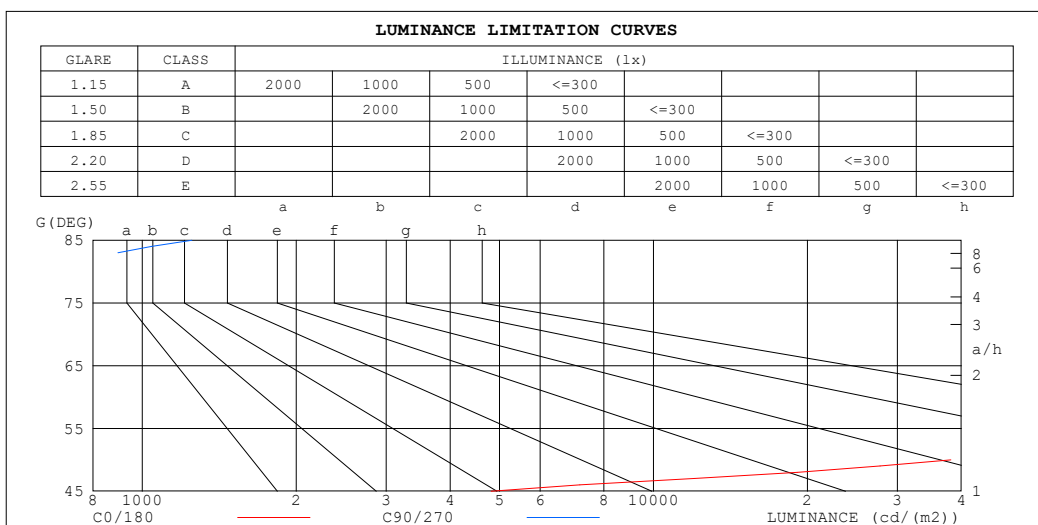
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	
10	0.2437	1.204	0.1787	5.468	0.2524	1.868	0.1728	4.690	0- 10	0.0240	0.0240	0.0240
20	0.5518	2.020	0.1688	8.653	0.7228	2.751	0.1638	6.720	10- 20	0.1175	0.1415	0.1415
30	3.352	4.029	0.1588	22.68	3.682	5.958	0.1528	14.96	20- 30	0.4412	0.5827	0.5827
40	8.522	13.38	0.1468	62.59	8.788	15.63	0.1452	49.30	30- 40	1.582	2.165	2.165
50	117.0	29.18	0.1388	117.2	135.8	31.01	0.1362	104.5	40- 50	6.758	8.923	8.923
60	247.4	44.41	0.1326	173.4	250.3	46.79	0.1328	161.5	50- 60	49.51	58.43	58.43
70	500.4	58.13	0.1309	262.9	568.1	63.05	0.1318	219.7	60- 70	102.2	160.7	160.7
80	1197	85.71	0.1300	354.1	1202	92.34	0.1301	344.2	70- 80	194.4	355.1	355.1
90	1432	106.7	0.1291	450.9	1375	103.0	0.1268	534.3	80- 90	285.6	640.7	640.7
100	1265	85.17	0.1199	323.8	1157	88.89	0.1146	375.6	90-100	287.9	928.6	928.6
110	560.8	61.66	0.1059	193.1	465.9	57.57	0.1068	237.2	100-110	191.2	1120	1120
120	249.8	47.85	0.1004	145.0	238.0	42.78	0.0989	170.4	110-120	100.1	1220	1220
130	152.0	31.49	0.0979	93.68	108.9	27.84	0.0950	113.7	120-130	49.83	1270	1270
140	8.653	15.12	0.0929	45.92	7.901	12.85	0.0932	58.10	130-140	6.811	1276	1276
150	3.674	4.847	0.0905	17.34	3.065	4.810	0.0907	18.27	140-150	1.490	1278	1278
160	0.6946	1.969	0.0839	8.580	0.5920	2.092	0.0859	6.801	150-160	0.3938	1278	1278
170	0.2334	1.484	0.0796	3.998	0.2121	0.8295	0.0810	4.673	160-170	0.0916	1278	1278
180	0	0	0.0809	0.1768	0	0	0.0799	0.0884	170-180	0.0148	1278	1278
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:0.1060A P:12.531W PF:0.9866 Freq:59.98Hz Lamp Flux:1278.48x1 lm		
NAME: 1013 圆桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3291768	1250
80	1445491	630
75	699691	424
70	306749	322
65	146413	261
60	103741	223
55	82155	199
50	38148	182
45	4811	169

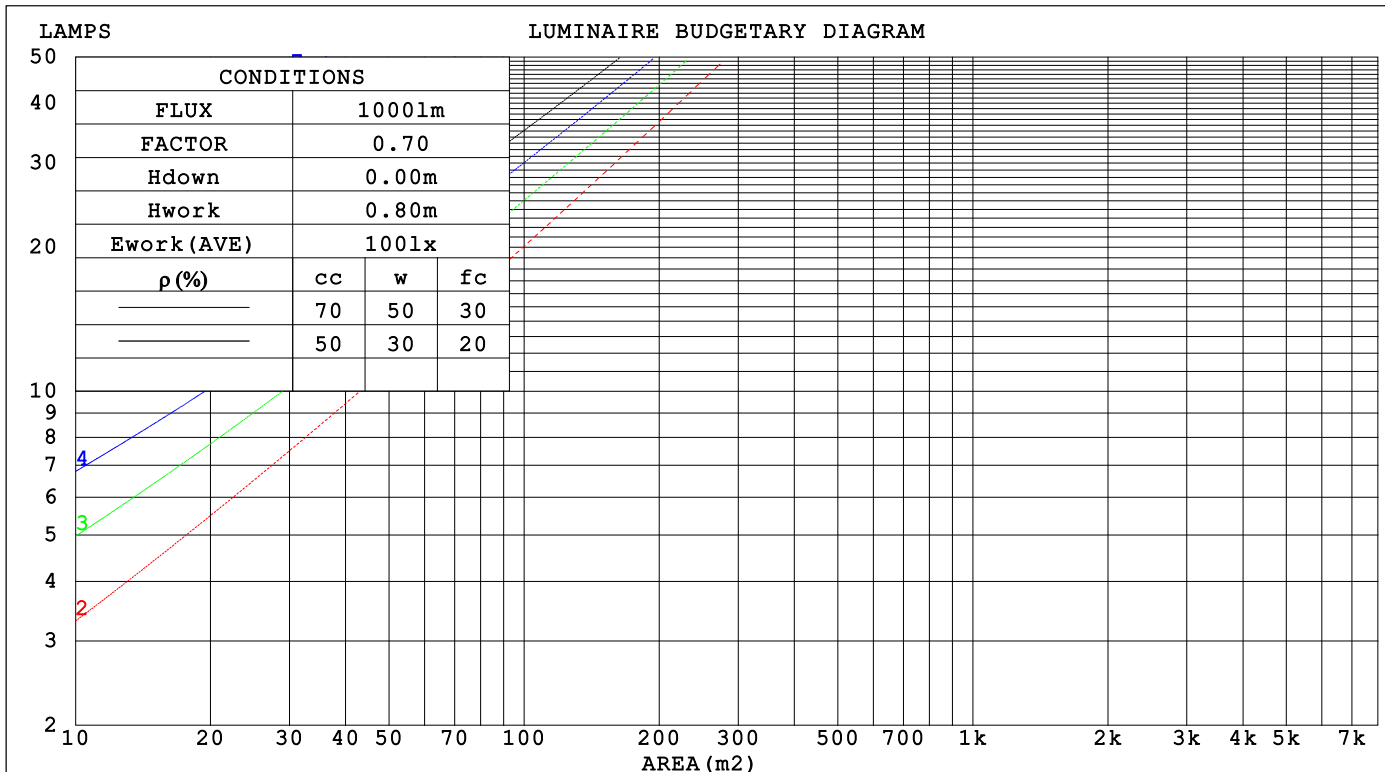
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:0.1060A P:12.531W PF:0.9866 Freq:59.98Hz Lamp Flux:1278.48x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	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	.50														
1.0	.78	.70	.63	.71	.64	.58	.57	.52	.46	.45	.40	.36	.33	.30	.26	.20														
2.0	.64	.54	.45	.57	.48	.41	.46	.38	.32	.35	.29	.24	.24	.20	.16	.11														
3.0	.54	.43	.34	.48	.39	.31	.38	.30	.24	.28	.22	.17	.20	.15	.11	.06														
4.0	.46	.36	.27	.42	.32	.24	.33	.25	.19	.24	.18	.13	.17	.12	.08	.03														
5.0	.41	.30	.22	.37	.27	.20	.29	.21	.15	.21	.15	.10	.14	.10	.06	.02														
6.0	.36	.26	.19	.32	.23	.17	.26	.18	.13	.19	.13	.09	.13	.08	.05	.01														
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	.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:119.78V I:0.1060A P:12.531W PF:0.9866 Freq:59.98Hz Lamp Flux:1278.48x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	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	.570	.324	.103	.547	.312	.099	.504	.289	.092	.465	.268	.086	.428	.248	.080		
2.0	.431	.236	.073	.411	.226	.070	.371	.207	.064	.335	.188	.059	.302	.171	.054		
3.0	.356	.189	.057	.337	.180	.054	.301	.163	.050	.268	.147	.045	.237	.131	.041		
4.0	.305	.159	.047	.288	.151	.045	.255	.135	.040	.225	.121	.036	.196	.107	.032		
5.0	.268	.137	.040	.252	.129	.038	.222	.116	.034	.194	.102	.030	.168	.090	.027		
6.0	.240	.120	.034	.225	.114	.033	.197	.101	.029	.171	.089	.026	.147	.078	.023		
7.0	.217	.107	.030	.203	.101	.029	.178	.090	.026	.154	.079	.023	.131	.068	.020		
8.0	.198	.097	.027	.186	.091	.026	.162	.081	.023	.140	.071	.020	.119	.061	.018		
9.0	.183	.088	.025	.171	.083	.023	.149	.074	.021	.128	.064	.018	.109	.055	.016		
10.0	.169	.081	.023	.159	.077	.021	.138	.068	.019	.118	.059	.017	.100	.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	.571	.571	.571	.488	.488	.488	.333	.333	.333	.191	.191	.191	.061	.061	.061		
1.0	.582	.537	.497	.498	.461	.428	.340	.317	.296	.196	.184	.172	.063	.059	.056		
2.0	.577	.517	.467	.494	.445	.404	.338	.308	.282	.195	.179	.165	.063	.058	.054		
3.0	.569	.503	.450	.488	.434	.390	.335	.301	.274	.193	.176	.161	.062	.057	.053		
4.0	.560	.492	.440	.481	.425	.382	.331	.296	.269	.191	.173	.159	.062	.056	.052		
5.0	.552	.483	.433	.474	.418	.376	.326	.292	.266	.189	.171	.158	.061	.056	.052		
6.0	.543	.476	.428	.467	.412	.372	.322	.288	.263	.187	.170	.157	.060	.055	.052		
7.0	.535	.470	.424	.460	.407	.369	.318	.285	.262	.185	.168	.156	.060	.055	.052		
8.0	.528	.465	.421	.455	.403	.367	.315	.283	.260	.183	.167	.155	.059	.055	.051		
9.0	.521	.460	.419	.449	.399	.365	.311	.281	.259	.181	.166	.155	.059	.054	.051		
10.0	.515	.456	.417	.444	.396	.364	.308	.279	.258	.180	.165	.154	.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:0.1060A P:12.531W PF:0.9866 Freq:59.98Hz Lamp Flux:1278.48x1 lm										
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L					TYPE:			WEIGHT:		
SPEC.: 3500K					DIM.:			SERIAL No.:		
MFR.:					SUR.: 0.00477m²			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	25.2	26.4	26.1	27.3	28.5	-7.3	-6.1	-6.5	-5.2	-4.0
3H	32.0	33.1	32.9	34.0	35.3	-6.7	-5.6	-5.8	-4.7	-3.4
4H	36.8	37.9	37.7	38.8	40.1	-6.1	-5.0	-5.2	-4.0	-2.8
6H	41.7	42.8	42.7	43.7	45.0	-5.1	-4.1	-4.2	-3.1	-1.8
8H	44.1	45.1	45.0	46.0	47.3	-4.4	-3.4	-3.5	-2.5	-1.2
12H	46.4	47.4	47.4	48.4	49.6	-3.7	-2.7	-2.7	-1.7	-0.4
4H 2H	24.9	26.0	25.8	27.0	28.2	14.5	15.6	15.4	16.6	17.8
3H	31.9	32.9	32.8	33.8	35.1	14.2	15.1	15.1	16.1	17.4
4H	36.8	37.7	37.7	38.7	40.0	14.0	14.9	14.9	15.9	17.2
6H	42.0	42.8	42.9	43.8	45.1	13.8	14.6	14.8	15.6	17.0
8H	44.6	45.3	45.5	46.3	47.7	13.7	14.5	14.7	15.5	16.8
12H	47.2	47.9	48.2	48.9	50.3	13.6	14.4	14.6	15.4	16.7
8H 4H	36.5	37.3	37.5	38.3	39.7	22.3	23.0	23.2	24.1	25.4
6H	41.8	42.5	42.8	43.5	44.9	22.1	22.8	23.1	23.8	25.2
8H	44.5	45.2	45.5	46.2	47.6	22.0	22.6	23.0	23.7	25.0
12H	47.5	48.0	48.5	49.1	50.5	21.9	22.5	22.9	23.5	24.9
12H 4H	36.4	37.2	37.4	38.2	39.5	25.9	26.6	26.9	27.6	29.0
6H	41.7	42.3	42.7	43.4	44.8	25.9	26.5	26.9	27.6	28.9
8H	44.5	45.0	45.5	46.1	47.4	25.8	26.4	26.8	27.4	28.8
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					+ 0.8 / - 0.3				
2.0H	+ 0.9 / - 0.8					+ 1.7 / - 1.1				

CIE Pub.117, 1278 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.9)
Area: 0.00477 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:0.1060A P:12.531W PF:0.9866 Freq:59.98Hz Lamp Flux:1278.48x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

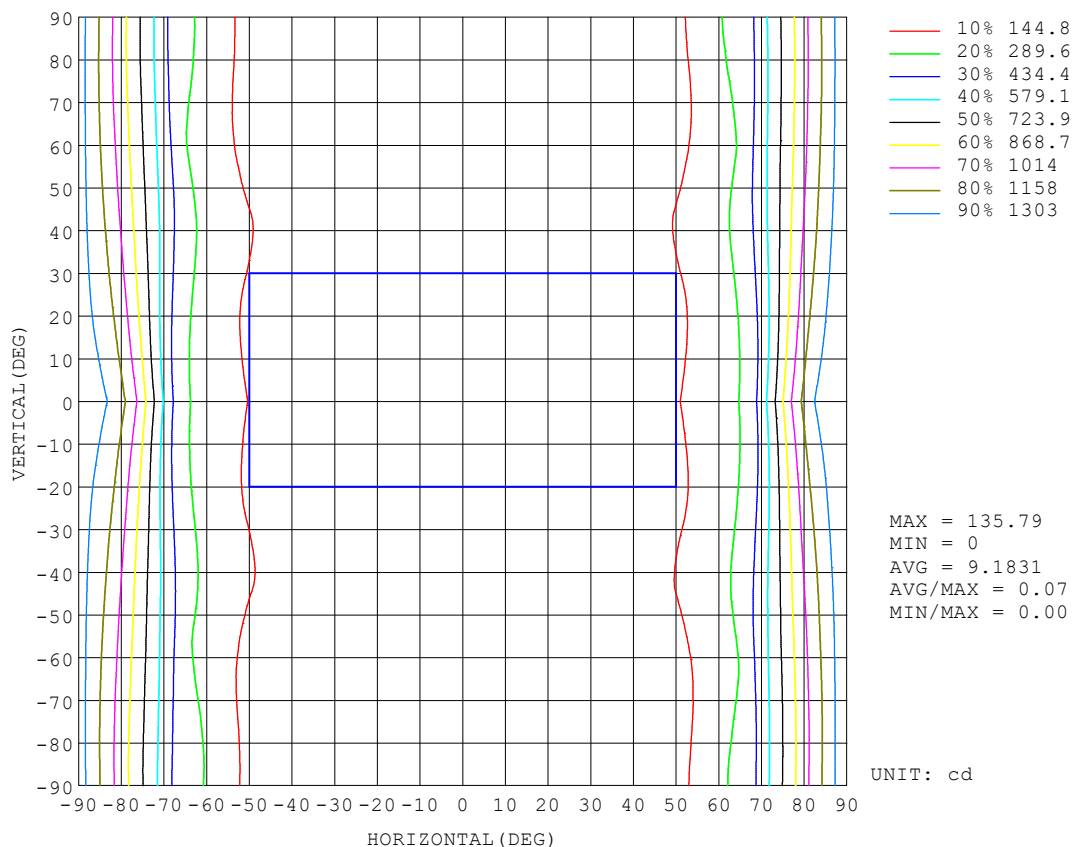
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	30	16	8	28	15	8	26	14	7	0
0.80	37	21	11	35	20	11	31	18	10	1
1.00	43	26	15	40	24	14	35	24	13	2
1.25	49	31	20	45	29	18	39	25	16	3
1.50	54	36	24	50	34	23	42	29	19	5
2.00	61	45	32	57	41	30	48	35	25	8
2.50	67	51	38	62	47	36	52	40	30	11
3.00	71	56	44	65	52	41	55	44	34	13
4.00	77	64	53	71	59	49	59	49	41	17
5.00	82	69	59	75	64	55	62	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:0.1060A P:12.531W PF:0.9866 Freq:59.98Hz Lamp Flux:1278.48x1 lm		
NAME: 1013 圆桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

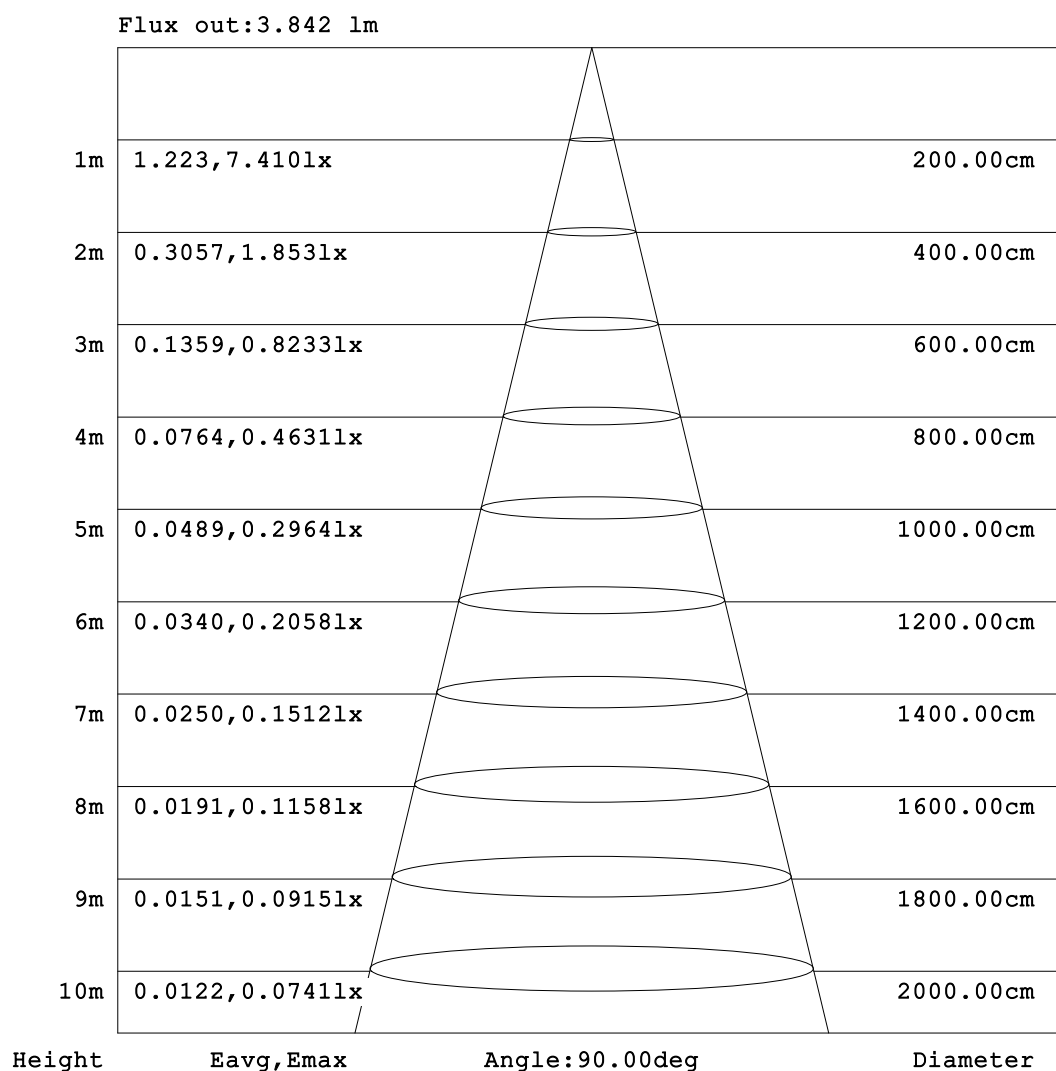


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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 Figure

Test:U:119.78V I:0.1060A P:12.531W PF:0.9866 Freq:59.98Hz Lamp Flux:1278.48x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:



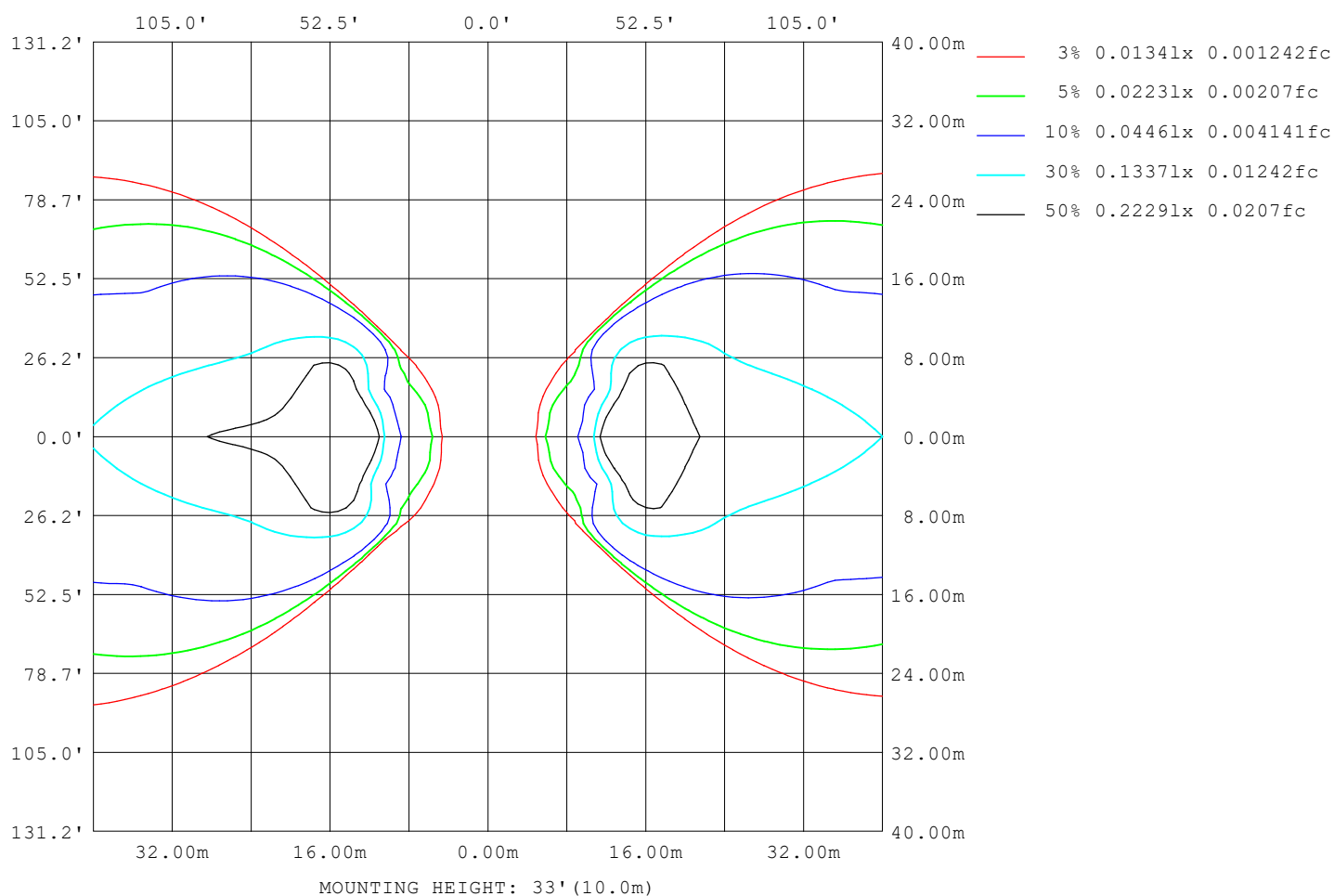
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1060A P:12.531W PF:0.9866 Freq:59.98Hz Lamp Flux:1278.48x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	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:119.78V I:0.1060A P:12.531W PF:0.9866 Freq:59.98Hz Lamp Flux:1278.48x1 lm		
NAME: 1013 圆桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

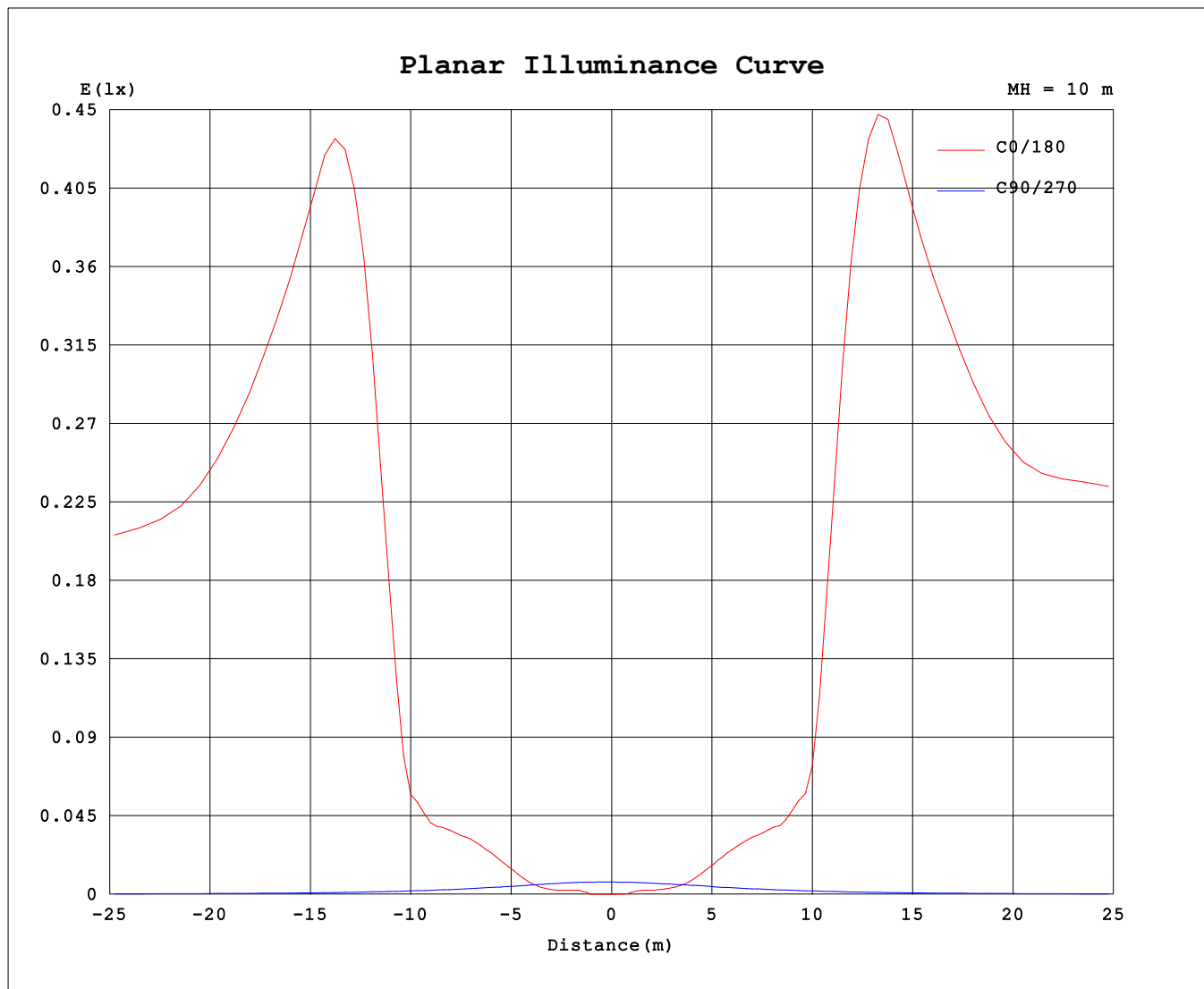
AvgL	cd/m2
L_0~180 (65) av	152551
L_0~180 (75) av	725451
L_0~180 (85) av	3251359
L_90~270 (65) av	65
L_90~270 (75) av	106
L_90~270 (85) av	311
L_45 (65) av	62086
L_45 (75) av	154127
L_45 (85) av	645959

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:0.1060A P:12.531W PF:0.9866 Freq:59.98Hz Lamp Flux:1278.48x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3500K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	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	0.18	0.18	0.18	0.18	0.18	0.00	0.00	0.00	0.18	0.18	0.18	0.18	0.18	0.00			
5	0.00	0.02	0.13	0.18	0.18	0.19	1.14	0.06	0.07	0.02	0.66	0.20	0.18	0.16	0.80	0.00			
10	0.24	0.22	1.20	0.19	0.18	0.24	5.47	0.25	0.25	0.23	1.87	0.24	0.17	0.16	4.69	0.27			
15	0.26	0.29	2.02	0.21	0.17	0.30	6.62	0.32	0.35	0.28	2.32	0.28	0.17	0.17	6.38	0.30			
20	0.55	0.45	2.02	0.27	0.17	0.34	8.65	0.59	0.72	0.53	2.75	0.36	0.16	0.24	6.72	0.41			
25	1.55	1.03	2.42	0.31	0.16	0.36	12.81	1.40	1.83	1.27	3.81	0.39	0.16	0.28	9.11	1.07			
30	3.35	2.29	4.03	0.30	0.16	0.37	22.68	2.85	3.68	2.65	5.96	0.40	0.15	0.28	14.96	2.38			
35	5.75	4.15	7.86	0.29	0.15	0.40	38.86	4.79	5.95	4.48	10.05	0.42	0.15	0.28	28.86	4.25			
40	8.52	6.23	13.38	0.30	0.15	0.43	62.59	6.91	8.79	6.59	15.63	0.44	0.15	0.29	49.30	6.39			
45	16.2	8.77	20.78	0.32	0.14	0.48	88.86	10.4	21.0	9.30	22.79	0.49	0.14	0.29	75.72	9.08			
50	117	15.6	29.18	0.34	0.14	0.53	117.23	23.9	136	19.8	31.01	0.54	0.14	0.32	104.54	16.4			
55	225	90.3	37.32	0.36	0.14	0.57	145.34	119	225	108	39.07	0.56	0.13	0.35	133.43	96.1			
60	247	193	44.41	0.40	0.13	0.62	173.37	212	250	204	46.79	0.60	0.13	0.40	161.55	202			
65	295	231	51.30	0.44	0.13	0.71	207.16	235	320	230	54.45	0.66	0.13	0.45	187.71	236			
70	500	248	58.13	0.49	0.13	0.78	263	254	568	246	63.1	0.71	0.13	0.52	219.68	255			
75	864	267	75.1	0.54	0.13	0.82	315	284	927	267	80.1	0.76	0.13	0.59	291	277			
80	1197	304	85.7	0.58	0.13	0.86	354	339	1202	303	92.3	0.79	0.13	0.64	344	317			
85	1368	350	93.2	0.61	0.13	0.87	426	393	1335	347	101	0.81	0.13	0.68	454	373			
90	1432	376	107	0.61	0.13	0.86	451	405	1375	361	103	0.81	0.13	0.70	534	402			
95	1425	360	99.0	0.60	0.13	0.83	388	368	1349	336	98.2	0.80	0.12	0.70	493	383			
100	1265	316	85.2	0.56	0.12	0.79	324	306	1157	289	88.9	0.77	0.11	0.69	376	330			
105	931	275	76.4	0.52	0.11	0.73	268	263	815	257	73.1	0.71	0.11	0.64	306	283			
110	561	251	61.66	0.47	0.11	0.67	193.10	241	466	238	57.57	0.66	0.11	0.58	237	258			
115	317	235	54.40	0.41	0.10	0.60	170.91	225	281	222	50.01	0.60	0.10	0.51	193.34	239			
120	250	213	47.85	0.35	0.10	0.54	145.03	190	238	185	42.78	0.54	0.10	0.43	170.44	217			
125	226	126	39.88	0.31	0.10	0.50	119.83	88.8	215	83.1	35.81	0.49	0.10	0.37	141.98	132			
130	152	25.1	31.49	0.28	0.10	0.46	93.68	14.3	109	14.5	27.84	0.45	0.09	0.33	113.69	28.7			
135	25.0	9.57	23.09	0.25	0.10	0.42	68.04	7.87	15.4	8.33	19.73	0.41	0.09	0.30	85.50	9.61			
140	8.65	6.87	15.12	0.24	0.09	0.37	45.92	5.64	7.90	5.85	12.85	0.38	0.09	0.27	58.10	7.00			
145	5.98	4.64	8.79	0.24	0.09	0.34	28.58	3.76	5.28	3.85	7.83	0.34	0.09	0.25	34.96	4.83			
150	3.67	2.64	4.85	0.24	0.09	0.31	17.34	2.10	3.06	2.17	4.81	0.32	0.09	0.23	18.27	2.80			
155	1.78	1.20	2.75	0.24	0.09	0.27	11.94	1.00	1.44	1.02	3.07	0.29	0.09	0.23	9.80	1.31			
160	0.69	0.46	1.97	0.21	0.08	0.23	8.58	0.47	0.59	0.51	2.09	0.24	0.09	0.21	6.80	0.54			
165	0.33	0.26	1.71	0.17	0.08	0.15	7.69	0.27	0.30	0.30	1.76	0.17	0.08	0.19	6.25	0.30			
170	0.23	0.25	1.48	0.11	0.08	0.10	4.00	0.19	0.21	0.22	0.83	0.12	0.08	0.11	4.67	0.24			
175	0.06	0.01	0.40	0.08	0.08	0.09	0.89	0.00	0.00	0.02	0.10	0.11	0.08	0.09	0.61	0.06			
180	0.00	0.00	0.00	0.08	0.08	0.09	0.18	0.00	0.00	0.00	0.00	0.10	0.08	0.09	0.09	0.00			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

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Operators:

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