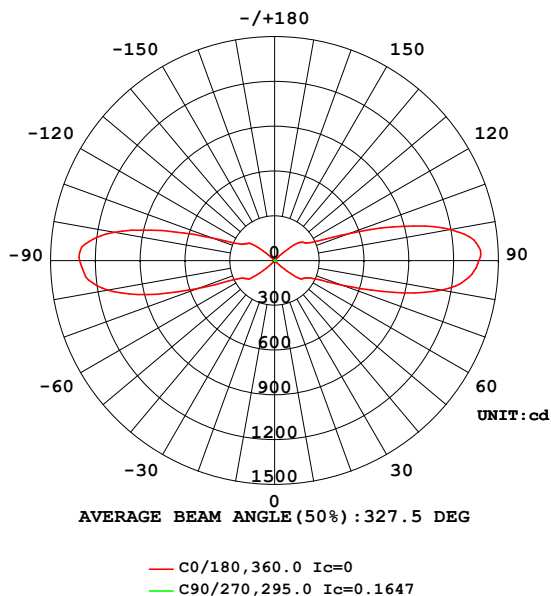


LUMINAIRE PHOTOMETRIC TEST REPORT

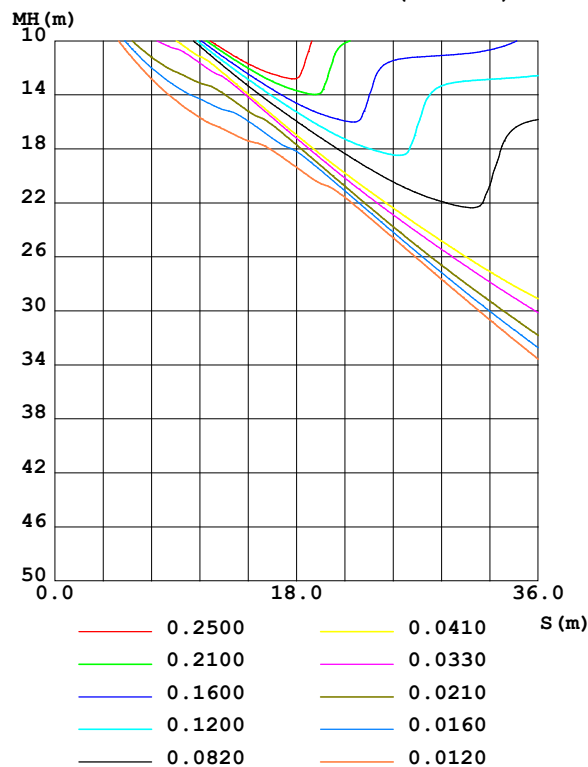
Test:U:119.78V I:0.1080A P:12.770W PF:0.9871 Freq:59.98Hz Lamp Flux:1219.83x1 lm		
NAME: 1013 圓桶壁燈 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 95.52 lm/W			
MODEL		I _{max} (cd)	1383	S/MH(C0/180)	0.00
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1219.8	η UP,DN(C0-180)	25.7,25.0
NOMINAL FLUX(lm)	1219.83	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:

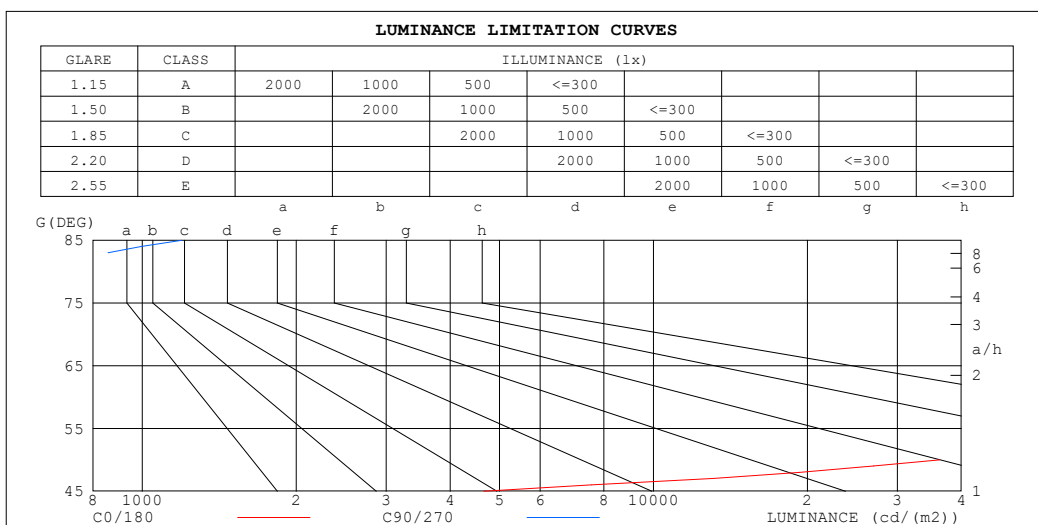
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	
10	0.2350	1.166	0.1633	0.2319	0.2444	1.855	0.1598	0.2005	0- 10	0.0221	0.0221	0.0221
20	0.5318	2.069	0.1598	0.3642	0.6867	2.835	0.1477	0.2886	10- 20	0.1098	0.1319	0.1319
30	3.236	4.162	0.1527	0.9761	3.513	6.110	0.1406	0.6460	20- 30	0.4194	0.5513	0.5513
40	8.173	13.83	0.1460	2.693	8.406	16.06	0.1332	2.118	30- 40	1.509	2.061	2.061
50	111.3	30.08	0.1387	5.061	128.6	31.89	0.1304	4.510	40- 50	6.606	8.666	8.666
60	237.3	45.70	0.1296	7.477	239.5	48.13	0.1277	6.966	50- 60	47.18	55.85	55.85
70	482.5	60.11	0.1263	11.32	546.3	65.59	0.1223	9.377	60- 70	97.93	153.8	153.8
80	1137	87.52	0.1252	15.31	1137	94.94	0.1207	14.77	70- 80	185.5	339.3	339.3
90	1369	110.0	0.1222	18.86	1307	106.5	0.1164	21.68	80- 90	272.1	611.4	611.4
100	1198	87.39	0.1155	13.79	1095	90.76	0.1115	15.86	90-100	274.2	885.6	885.6
110	538.3	63.87	0.1041	8.326	449.5	59.31	0.1025	10.09	100-110	182.5	1068	1068
120	239.7	49.36	0.0975	6.256	227.6	44.04	0.0971	7.333	110-120	95.73	1164	1164
130	143.4	32.47	0.0924	4.045	103.7	28.74	0.0940	4.889	120-130	47.43	1211	1211
140	8.244	15.60	0.0880	1.981	7.541	13.23	0.0819	2.497	130-140	6.643	1218	1218
150	3.530	4.992	0.0854	0.7459	2.920	4.844	0.0801	0.6920	140-150	1.416	1219	1219
160	0.6546	2.072	0.0804	0.3688	0.5678	2.178	0.0743	0.3040	150-160	0.3724	1220	1220
170	0.2219	1.664	0.0760	0.1652	0.2000	0.8684	0.0732	0.2160	160-170	0.0863	1220	1220
180	0	0	0.0754	0	0	0	0.0723	0	170-180	0.0137	1220	1220
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:0.1080A P:12.770W PF:0.9871 Freq:59.98Hz Lamp Flux:1219.83x1 lm		
NAME: 1013 圆桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3138014	1196
80	1372497	603
75	666665	406
70	295728	309
65	141226	251
60	99479	217
55	78276	198
50	36305	180
45	4656	169

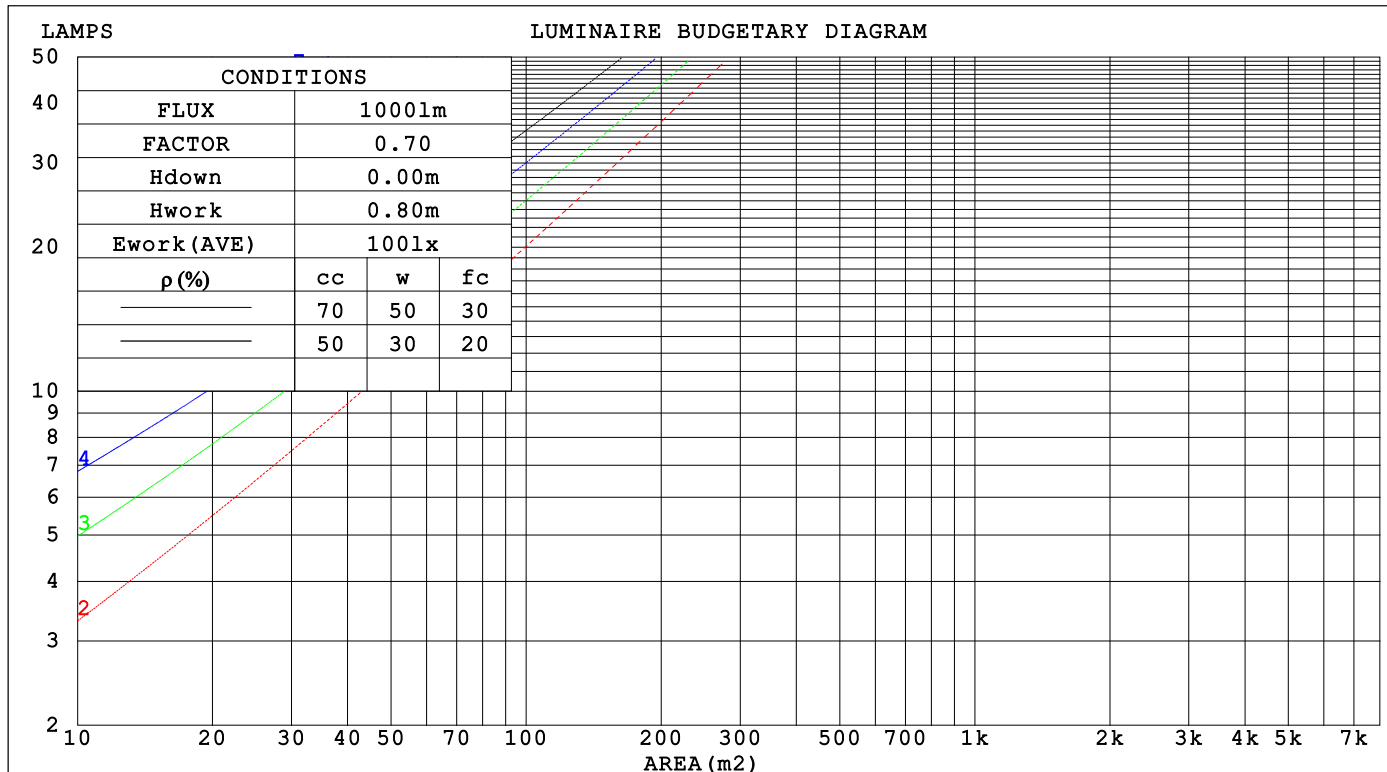
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:0.1080A P:12.770W PF:0.9871 Freq:59.98Hz Lamp Flux:1219.83x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
p _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
p _{fc}	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	.47	.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	.04
5.0	.41	.30	.22	.37	.27	.20	.29	.21	.15	.21	.15	.10	.15	.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:0.1080A P:12.770W PF:0.9871 Freq:59.98Hz Lamp Flux:1219.83x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3000K	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	.569	.324	.103	.546	.312	.099	.504	.289	.092	.464	.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	.570	.570	.570	.488	.488	.488	.333	.333	.333	.191	.191	.191	.061	.061	.061		
1.0	.581	.537	.497	.497	.461	.428	.340	.317	.296	.196	.183	.172	.063	.059	.056		
2.0	.577	.517	.467	.494	.445	.404	.338	.308	.281	.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	.439	.481	.425	.382	.331	.296	.269	.191	.173	.159	.062	.056	.052		
5.0	.551	.483	.432	.474	.418	.376	.326	.292	.266	.189	.171	.158	.061	.056	.052		
6.0	.543	.476	.427	.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	.464	.421	.454	.403	.367	.314	.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:0.1080A P:12.770W PF:0.9871 Freq:59.98Hz Lamp Flux:1219.83x1 lm										
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L					TYPE:			WEIGHT:		
SPEC.: 3000K					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	27.4	28.6	-7.3	-6.1	-6.5	-5.2	-4.0
3H	32.0	33.1	32.9	34.1	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	42.7	42.7	43.7	45.0	-5.1	-4.0	-4.1	-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	47.3	48.3	49.6	-3.6	-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	32.0	32.9	32.9	33.9	35.2	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	44.5	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	36.6	37.3	37.5	38.3	39.7	22.3	23.1	23.3	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	45.1	45.5	46.2	47.5	22.0	22.7	23.0	23.7	25.1
12H	47.5	48.0	48.5	49.1	50.5	21.9	22.5	22.9	23.5	24.9
12H 4H	36.5	37.2	37.4	38.2	39.5	25.9	26.7	26.9	27.7	29.0
6H	41.7	42.3	42.7	43.4	44.7	25.9	26.6	26.9	27.6	29.0
8H	44.5	45.0	45.5	46.1	47.4	25.9	26.4	26.9	27.5	28.9
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	+ 0.8 / - 0.8					+ 1.7 / - 1.1				

CIE Pub.117, 1220 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.7)
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:0.1080A P:12.770W PF:0.9871 Freq:59.98Hz Lamp Flux:1219.83x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

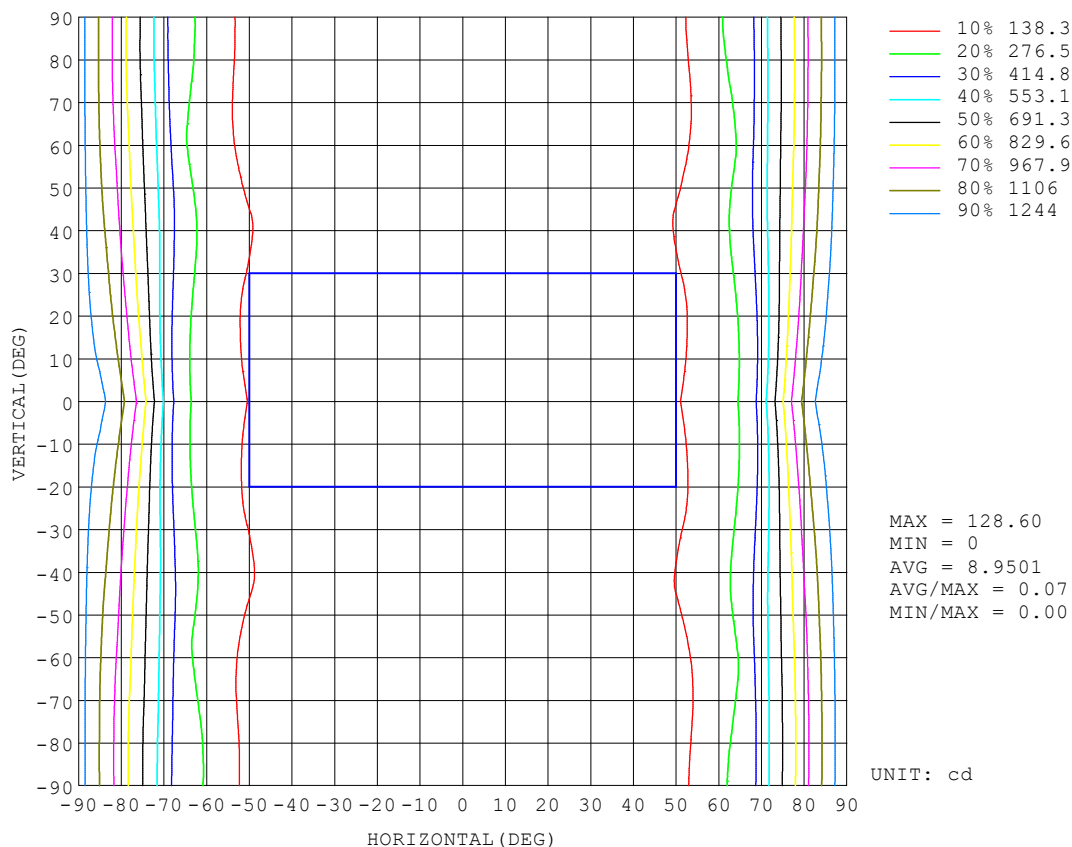
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	30	16	8	28	15	8	26	14	7	0
0.80	37	21	11	35	20	11	31	18	10	1
1.00	43	26	15	40	24	14	35	24	13	2
1.25	49	31	20	45	29	19	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	66	52	41	55	44	34	13
4.00	77	64	53	71	59	49	59	49	41	18
5.00	82	70	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:0.1080A P:12.770W PF:0.9871 Freq:59.98Hz Lamp Flux:1219.83x1 lm		
NAME: 1013 圆桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

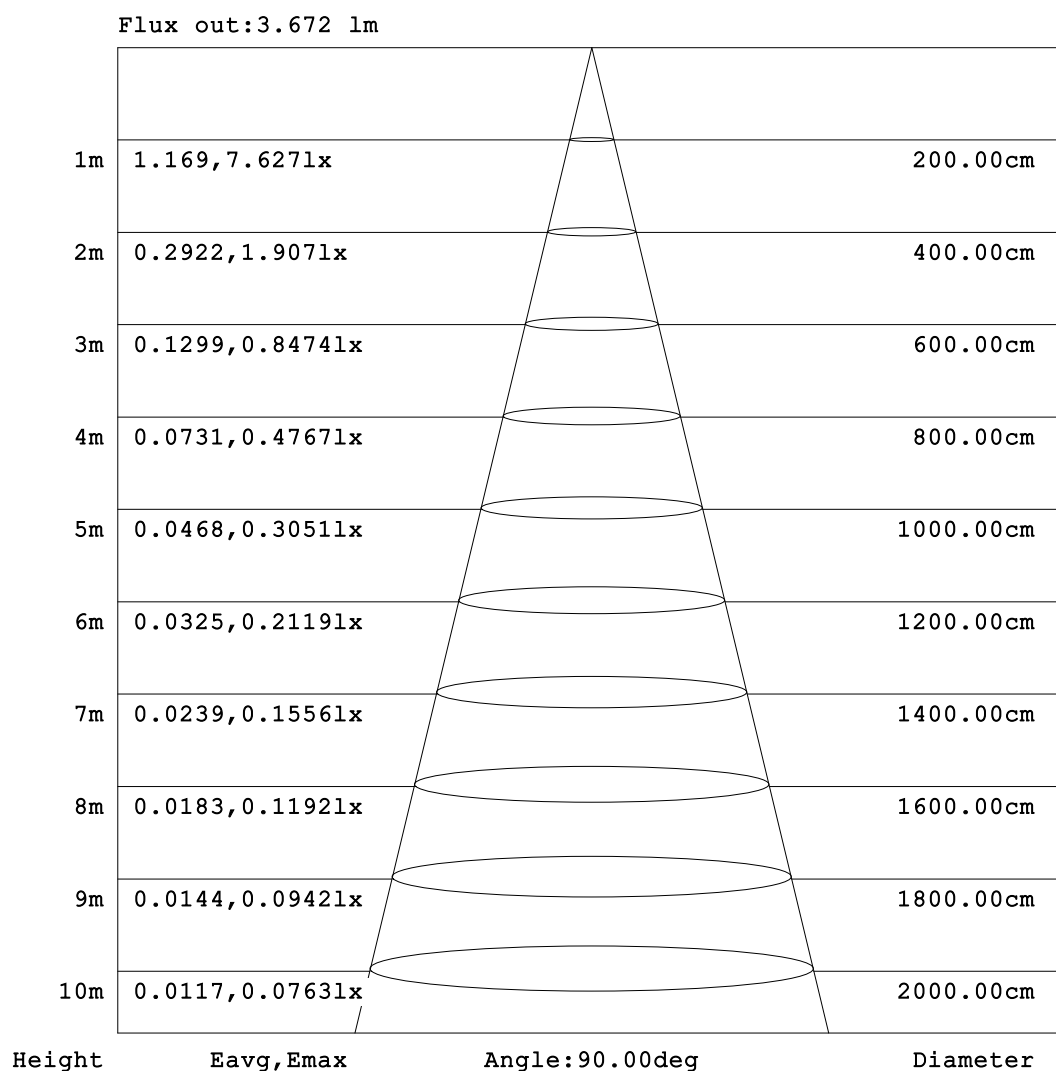


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:0.1080A P:12.770W PF:0.9871 Freq:59.98Hz Lamp Flux:1219.83x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:



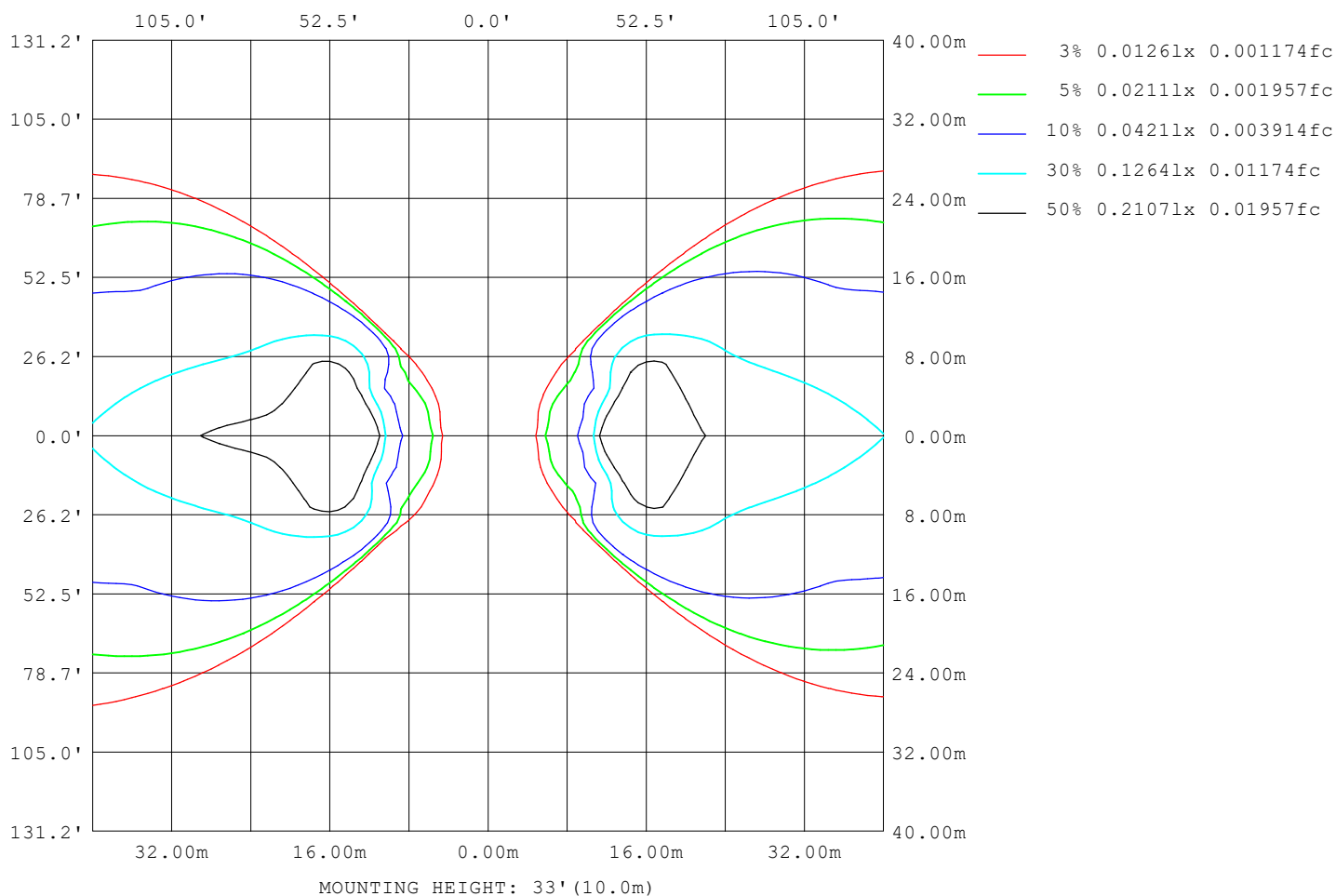
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°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:119.78V I:0.1080A P:12.770W PF:0.9871 Freq:59.98Hz Lamp Flux:1219.83x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3000K	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:0.1080A P:12.770W PF:0.9871 Freq:59.98Hz Lamp Flux:1219.83x1 lm		
NAME: 1013 圆桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

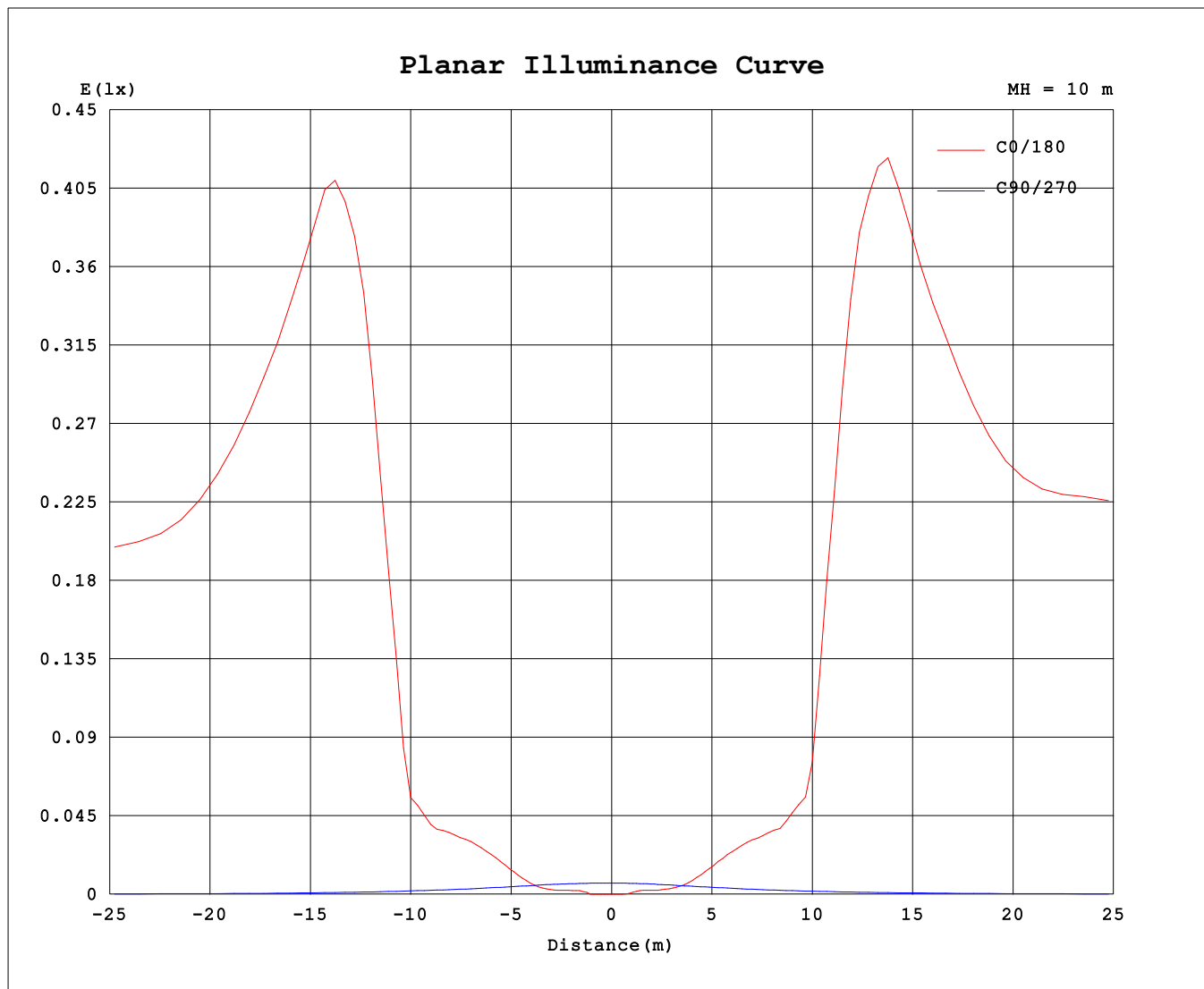
AvgL	cd/m2
L_0~180 (65) av	147054
L_0~180 (75) av	691346
L_0~180 (85) av	3095556
L_90~270 (65) av	62
L_90~270 (75) av	101
L_90~270 (85) av	294
L_45 (65) av	15613
L_45 (75) av	37454
L_45 (85) av	143178

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:0.1080A P:12.770W PF:0.9871 Freq:59.98Hz Lamp Flux:1219.83x1 lm		
NAME: 1013 圓桶壁灯 12W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 3000K	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	0.16	0.16	0.16	0.16	0.00	0.00	0.00	0.00	0.16	0.16	0.16	0.16	0.00	0.00			
5	0.00	0.02	0.08	0.16	0.16	0.18	0.04	0.05	0.06	0.01	0.68	0.17	0.16	0.15	0.03	0.00			
10	0.24	0.22	1.17	0.17	0.16	0.22	0.23	0.21	0.24	0.21	1.85	0.21	0.16	0.16	0.20	0.19			
15	0.27	0.27	1.98	0.19	0.16	0.28	0.29	0.30	0.33	0.26	2.37	0.25	0.15	0.16	0.27	0.26			
20	0.53	0.43	2.07	0.25	0.16	0.33	0.36	0.56	0.69	0.51	2.83	0.32	0.15	0.22	0.29	0.39			
25	1.49	0.98	2.50	0.28	0.16	0.35	0.55	1.33	1.75	1.23	3.93	0.36	0.15	0.27	0.39	1.01			
30	3.24	2.19	4.16	0.27	0.15	0.36	0.98	2.71	3.51	2.53	6.11	0.36	0.14	0.27	0.65	2.26			
35	5.51	3.95	8.14	0.27	0.15	0.39	1.68	4.54	5.68	4.29	10.34	0.37	0.14	0.26	1.26	4.04			
40	8.17	5.95	13.83	0.27	0.15	0.43	2.69	6.57	8.41	6.29	16.06	0.40	0.13	0.27	2.12	6.07			
45	15.7	8.39	21.39	0.29	0.14	0.48	3.84	10.1	21.6	9.04	23.42	0.45	0.13	0.27	3.27	8.64			
50	111	15.1	30.08	0.31	0.14	0.51	5.06	24.1	129	20.1	31.89	0.49	0.13	0.30	4.51	15.8			
55	214	88.5	38.48	0.33	0.14	0.55	6.27	113	215	105	40.15	0.51	0.13	0.33	5.74	92.8			
60	237	182	45.70	0.36	0.13	0.60	7.48	200	239	193	48.13	0.54	0.13	0.37	6.97	190			
65	285	221	52.87	0.40	0.13	0.68	8.98	224	308	220	55.97	0.59	0.12	0.42	8.08	225			
70	482	237	60.11	0.45	0.13	0.74	11.3	242	546	235	65.59	0.64	0.12	0.48	9.38	243			
75	823	256	77.6	0.49	0.13	0.78	13.5	271	884	256	81.4	0.68	0.12	0.55	12.5	264			
80	1137	291	87.5	0.53	0.13	0.81	15.3	323	1137	291	94.9	0.72	0.12	0.61	14.8	303			
85	1305	337	96.5	0.55	0.12	0.81	17.9	374	1269	333	105	0.73	0.12	0.64	18.6	355			
90	1369	362	110	0.56	0.12	0.81	18.9	385	1307	347	106	0.72	0.12	0.67	21.7	382			
95	1356	347	102	0.54	0.12	0.78	16.4	350	1277	322	101	0.72	0.11	0.67	20.2	365			
100	1198	304	87.4	0.51	0.12	0.75	13.8	292	1095	277	90.8	0.70	0.11	0.66	15.9	314			
105	890	264	78.2	0.47	0.11	0.70	11.5	251	778	246	75.9	0.65	0.11	0.60	13.1	269			
110	538	241	63.87	0.43	0.10	0.63	8.33	230	449	227	59.31	0.59	0.10	0.54	10.1	246			
115	305	224	56.00	0.37	0.10	0.57	7.39	215	269	212	51.53	0.54	0.10	0.48	8.32	228			
120	240	204	49.36	0.32	0.10	0.51	6.26	179	228	175	44.04	0.49	0.10	0.42	7.33	207			
125	215	120	41.10	0.28	0.10	0.47	5.18	85.9	205	81.2	36.87	0.44	0.10	0.36	6.11	124			
130	143	26.8	32.47	0.25	0.09	0.43	4.05	13.9	104	14.0	28.74	0.41	0.09	0.31	4.89	29.6			
135	27.6	9.18	23.88	0.23	0.09	0.40	2.94	7.52	14.9	7.93	20.33	0.37	0.09	0.28	3.67	9.18			
140	8.24	6.56	15.60	0.21	0.09	0.35	1.98	5.37	7.54	5.57	13.23	0.34	0.08	0.24	2.50	6.67			
145	5.74	4.44	9.09	0.21	0.09	0.31	1.24	3.59	5.03	3.67	8.08	0.31	0.08	0.22	1.47	4.59			
150	3.53	2.52	4.99	0.21	0.09	0.30	0.75	2.00	2.92	2.06	4.84	0.29	0.08	0.22	0.69	2.67			
155	1.71	1.15	2.81	0.21	0.08	0.26	0.51	0.96	1.38	0.98	3.10	0.26	0.08	0.22	0.36	1.25			
160	0.65	0.44	2.07	0.18	0.08	0.21	0.37	0.44	0.57	0.48	2.18	0.22	0.07	0.22	0.30	0.51			
165	0.32	0.25	1.80	0.15	0.08	0.14	0.33	0.25	0.28	0.28	1.80	0.15	0.07	0.19	0.28	0.28			
170	0.22	0.22	1.66	0.10	0.08	0.10	0.17	0.18	0.20	0.21	0.87	0.11	0.07	0.10	0.22	0.15			
175	0.06	0.00	0.41	0.07	0.08	0.09	0.04	0.00	0.00	0.02	0.00	0.09	0.07	0.09	0.03	0.05			
180	0.00	0.00	0.00	0.07	0.08	0.09	0.00	0.00	0.00	0.00	0.00	0.09	0.07	0.08	0.00	0.00			

C Range: 0 - 360DEG
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