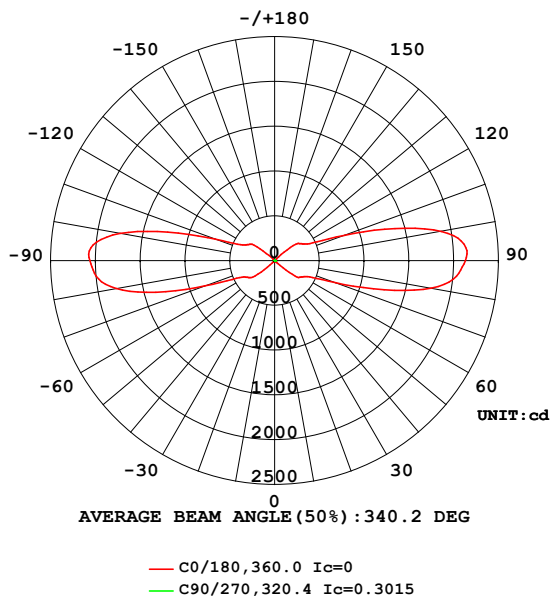


LUMINAIRE PHOTOMETRIC TEST REPORT

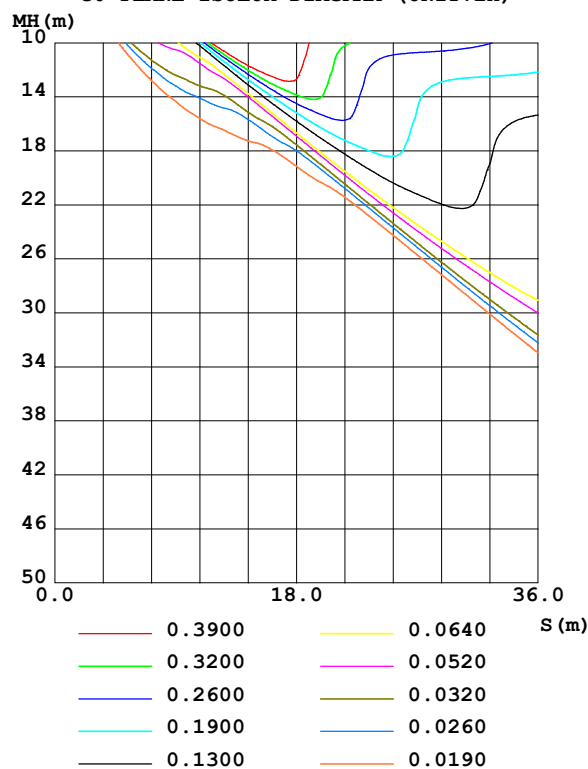
Test:U:119.79V I:0.1602A P:19.012W PF:0.9907 Freq:59.98Hz Lamp Flux:1906.79x1 lm		
NAME: 1013 圓桶壁燈 20W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 100.30 lm/W
MODEL		I _{max} (cd)	2151	S/MH(C0/180)		0.00
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)		1.31
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1906.8	η UP,DN(C0-180)		25.7,24.8
NOMINAL FLUX(lm)	1906.79	CIE CLASS	DIFFUSE	η UP,DN(C180-360)		24.5,25.0
LAMPS INSIDE	1	η up (%)	50.1	CIBSE SHR NOM		0.00
TEST VOLTAGE(V)		η down (%)	49.9	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:

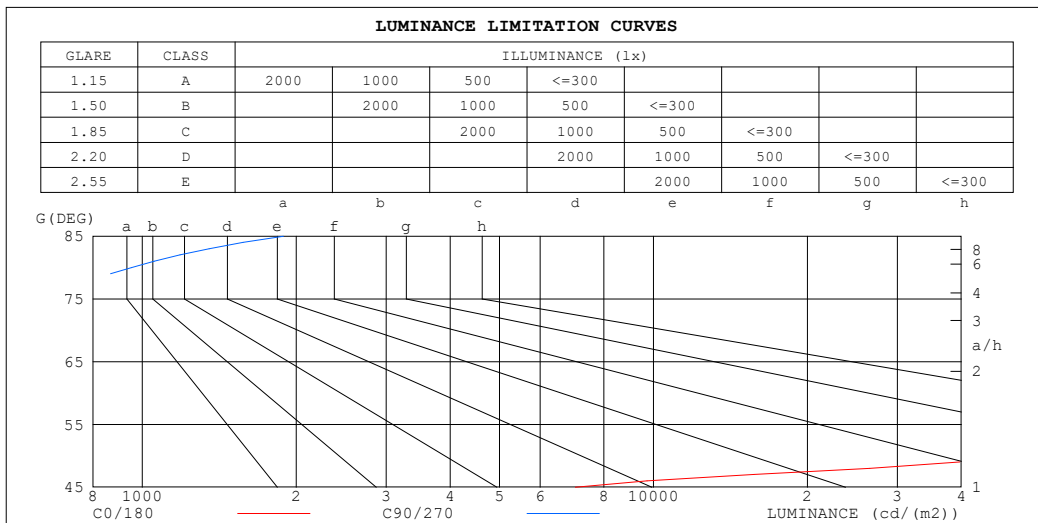
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	
10	0.4604	1.213	0.2996	1.397	0.4128	1.709	0.2948	1.219	0- 10	0.0409	0.0409	0.0409
20	0.8918	1.764	0.2860	2.061	1.108	2.483	0.2772	1.617	10- 20	0.1905	0.2314	0.2314
30	5.061	3.524	0.2728	4.998	5.527	5.068	0.2606	3.309	20- 30	0.6824	0.9138	0.9138
40	12.64	11.23	0.2551	13.27	13.15	13.15	0.2482	10.34	30- 40	2.386	3.300	3.300
50	169.6	24.16	0.2408	24.50	200.2	25.87	0.2392	21.56	40- 50	9.787	13.09	13.09
60	365.5	36.68	0.2308	36.19	372.8	38.98	0.2347	33.30	50- 60	72.86	85.95	85.95
70	728.8	47.92	0.2220	55.88	834.6	51.73	0.2324	46.53	60- 70	150.9	236.8	236.8
80	1776	70.43	0.2172	78.05	1798	75.45	0.2306	74.58	70- 80	287.7	524.5	524.5
90	2131	78.13	0.2154	110.7	2062	84.31	0.2264	133.7	80- 90	426.3	950.8	950.8
100	1890	70.18	0.2021	69.88	1753	73.63	0.2065	88.84	90-100	431.8	1383	1383
110	835.1	50.45	0.1844	41.68	703.2	48.20	0.1866	51.16	100-110	286.6	1669	1669
120	373.1	39.75	0.1743	30.38	357.6	35.93	0.1712	35.17	110-120	149.4	1819	1819
130	231.1	26.23	0.1714	19.68	168.7	23.52	0.1656	23.62	120-130	75.02	1894	1894
140	12.88	12.62	0.1701	9.789	11.90	11.06	0.1617	12.19	130-140	10.21	1904	1904
150	5.556	4.121	0.1623	3.729	4.689	4.226	0.1605	3.612	140-150	2.253	1906	1906
160	1.068	1.808	0.1535	1.907	0.9600	2.063	0.1480	1.410	150-160	0.6090	1907	1907
170	0.3891	1.536	0.1442	0.9810	0.3799	0.9442	0.1451	1.168	160-170	0.1497	1907	1907
180	0	0.1864	0.1436	0.1809	0	0.0860	0.1436	0.1688	170-180	0.0270	1907	1907
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:119.79V I:0.1602A P:19.012W PF:0.9907 Freq:59.98Hz Lamp Flux:1906.79x1 lm		
NAME: 1013 圆桶壁灯 20W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	4899120	1887
80	2143880	951
75	1025511	641
70	446721	494
65	215949	403
60	153230	351
55	120690	316
50	55326	285
45	7029	266

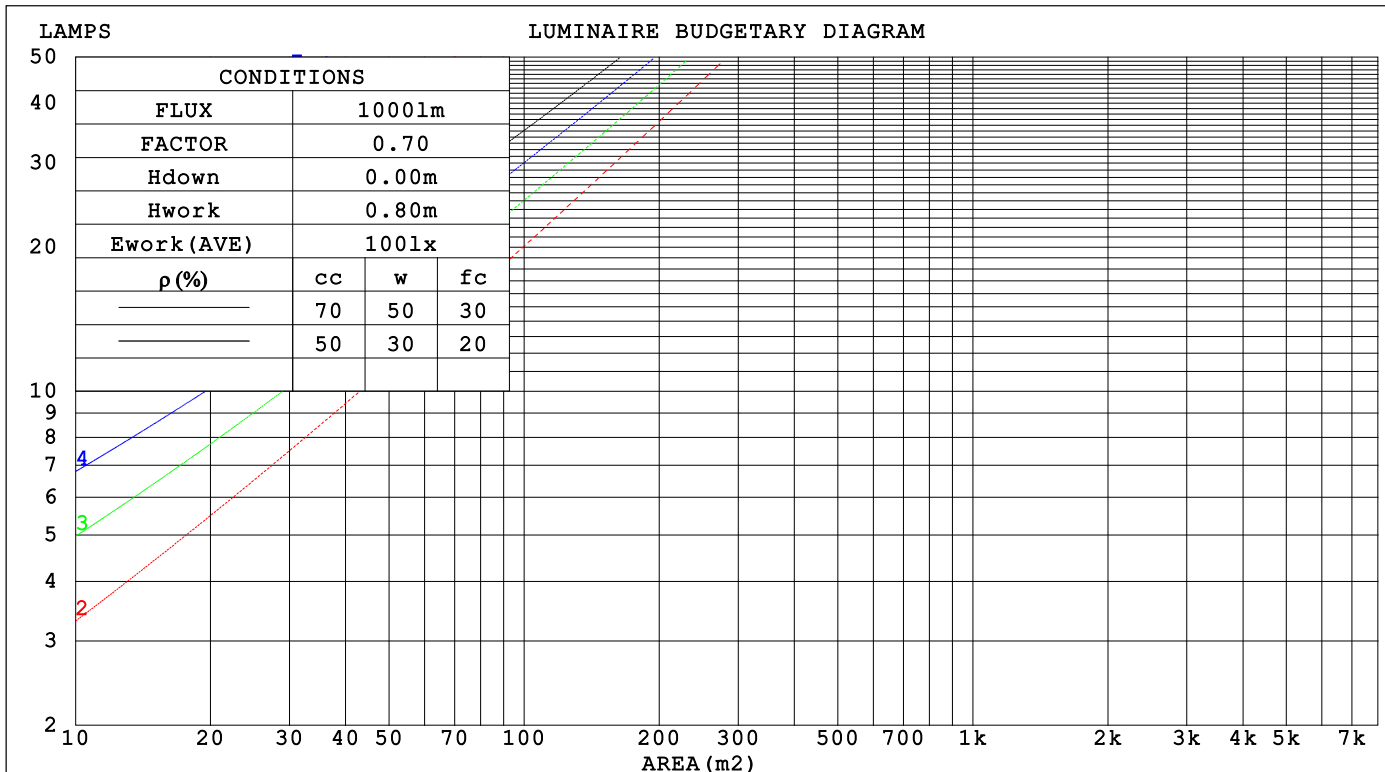
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:119.79V I:0.1602A P:19.012W PF:0.9907 Freq:59.98Hz Lamp Flux:1906.79x1 lm		
NAME: 1013 圓桶壁燈 20W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	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	.57	.57	.52	.46	.45	.40	.36	.33	.29	.26	.20														
2.0	.64	.54	.45	.57	.48	.41	.45	.38	.32	.34	.29	.24	.24	.20	.16	.11														
3.0	.54	.43	.34	.48	.39	.31	.38	.30	.24	.28	.22	.17	.19	.15	.11	.06														
4.0	.47	.36	.27	.42	.32	.24	.33	.25	.19	.24	.18	.13	.16	.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:119.79V I:0.1602A P:19.012W PF:0.9907 Freq:59.98Hz Lamp Flux:1906.79x1 lm		
NAME: 1013 圓桶壁灯 20W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	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	.102	.546	.311	.099	.503	.289	.092	.464	.267	.086	.427	.248	.080		
2.0	.431	.236	.072	.410	.226	.070	.371	.206	.064	.334	.188	.059	.301	.170	.054		
3.0	.355	.189	.057	.336	.180	.054	.300	.163	.049	.267	.146	.045	.236	.131	.040		
4.0	.305	.158	.047	.287	.150	.044	.254	.135	.040	.224	.120	.036	.195	.106	.032		
5.0	.268	.136	.040	.252	.129	.038	.222	.115	.034	.193	.102	.030	.167	.089	.027		
6.0	.239	.120	.034	.225	.113	.033	.197	.101	.029	.171	.089	.026	.147	.077	.023		
7.0	.217	.107	.030	.203	.101	.029	.177	.090	.026	.153	.079	.023	.131	.068	.020		
8.0	.198	.097	.027	.186	.091	.026	.162	.081	.023	.139	.071	.020	.118	.061	.018		
9.0	.182	.088	.025	.171	.083	.023	.149	.074	.021	.128	.064	.018	.108	.055	.016		
10.0	.169	.081	.023	.158	.076	.021	.138	.067	.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	.572	.572	.572	.489	.489	.489	.334	.334	.334	.192	.192	.192	.061	.061	.061		
1.0	.583	.539	.499	.499	.463	.429	.341	.318	.297	.197	.184	.173	.063	.059	.056		
2.0	.579	.519	.469	.496	.447	.405	.340	.309	.283	.196	.180	.166	.063	.058	.054		
3.0	.571	.505	.452	.489	.435	.392	.336	.302	.275	.194	.177	.162	.062	.057	.053		
4.0	.562	.494	.442	.482	.427	.384	.332	.297	.270	.192	.174	.160	.062	.057	.053		
5.0	.553	.485	.435	.475	.420	.378	.327	.293	.267	.190	.172	.158	.061	.056	.052		
6.0	.545	.478	.430	.468	.414	.374	.323	.290	.265	.188	.170	.157	.061	.056	.052		
7.0	.537	.472	.426	.462	.409	.371	.319	.287	.263	.185	.169	.157	.060	.055	.052		
8.0	.530	.466	.423	.456	.405	.369	.316	.284	.262	.184	.168	.156	.059	.055	.052		
9.0	.523	.462	.421	.451	.401	.367	.312	.282	.261	.182	.166	.155	.059	.055	.051		
10.0	.517	.458	.419	.446	.398	.366	.309	.280	.260	.180	.165	.155	.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:119.79V I:0.1602A P:19.012W PF:0.9907 Freq:59.98Hz Lamp Flux:1906.79x1 lm											
NAME: 1013 圆桶壁灯 20W 普瑞 COB FULL 085B-L						TYPE:		WEIGHT:			
SPEC.: 4000K						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		25.1	26.3	25.9	27.2	28.4	-7.4	-6.2	-6.6	-5.3	-4.1
3H		31.8	32.9	32.7	33.9	35.1	-6.8	-5.7	-5.9	-4.8	-3.5
4H		36.7	37.7	37.6	38.7	39.9	-6.1	-5.1	-5.2	-4.1	-2.9
6H		41.7	42.7	42.6	43.6	44.9	-5.1	-4.1	-4.2	-3.2	-1.9
8H		44.0	45.0	44.9	46.0	47.3	-4.5	-3.5	-3.6	-2.5	-1.3
12H		46.4	47.3	47.3	48.3	49.6	-3.7	-2.8	-2.8	-1.8	-0.5
4H 2H		24.8	25.9	25.7	26.8	28.1	14.4	15.4	15.3	16.4	17.7
3H		31.8	32.7	32.7	33.7	35.0	14.0	15.0	15.0	16.0	17.3
4H		36.6	37.5	37.6	38.5	39.8	13.8	14.7	14.8	15.7	17.0
6H		41.9	42.7	42.8	43.7	45.0	13.7	14.5	14.6	15.5	16.8
8H		44.5	45.2	45.4	46.3	47.6	13.6	14.3	14.5	15.4	16.7
12H		47.1	47.9	48.1	48.9	50.2	13.5	14.2	14.5	15.2	16.6
8H 4H		36.4	37.2	37.4	38.2	39.5	22.1	22.9	23.1	23.9	25.2
6H		41.7	42.4	42.7	43.4	44.8	21.9	22.6	22.9	23.6	25.0
8H		44.4	45.1	45.4	46.1	47.5	21.8	22.5	22.8	23.5	24.9
12H		47.4	48.0	48.4	49.0	50.4	21.8	22.3	22.8	23.4	24.7
12H 4H		36.3	37.0	37.3	38.0	39.4	25.7	26.4	26.7	27.4	28.8
6H		41.6	42.2	42.6	43.3	44.7	25.7	26.3	26.7	27.4	28.7
8H		44.4	44.9	45.4	46.0	47.4	25.6	26.2	26.6	27.2	28.6
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, 1907 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 2.2)
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:119.79V I:0.1602A P:19.012W PF:0.9907 Freq:59.98Hz Lamp Flux:1906.79x1 lm		
NAME: 1013 圓桶壁灯 20W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

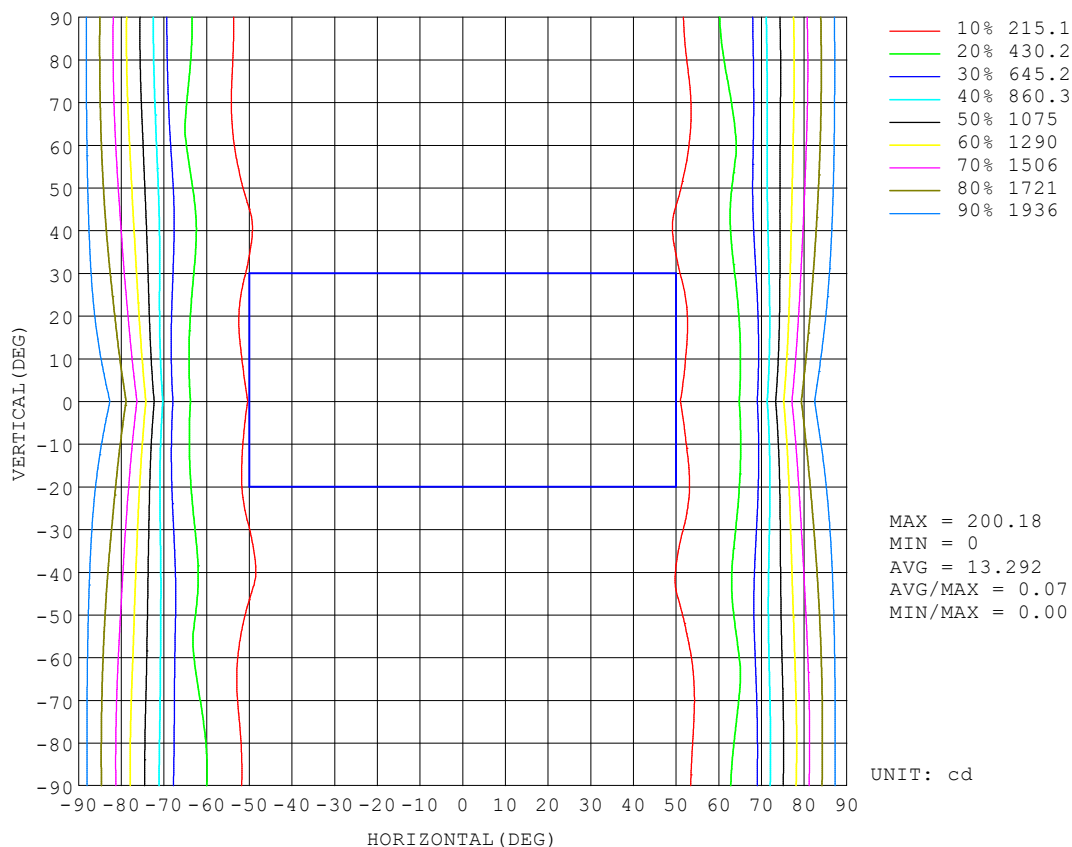
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	30	16	8	28	15	8	26	14	7	0
0.80	37	21	11	35	20	11	31	18	10	1
1.00	43	26	15	40	24	14	35	24	12	2
1.25	49	31	20	45	29	18	39	25	16	3
1.50	54	36	24	50	34	22	42	29	19	5
2.00	61	45	32	57	41	30	48	35	25	8
2.50	67	51	38	62	47	36	51	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	54	62	53	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:119.79V I:0.1602A P:19.012W PF:0.9907 Freq:59.98Hz Lamp Flux:1906.79x1 lm		
NAME: 1013 圆桶壁灯 20W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

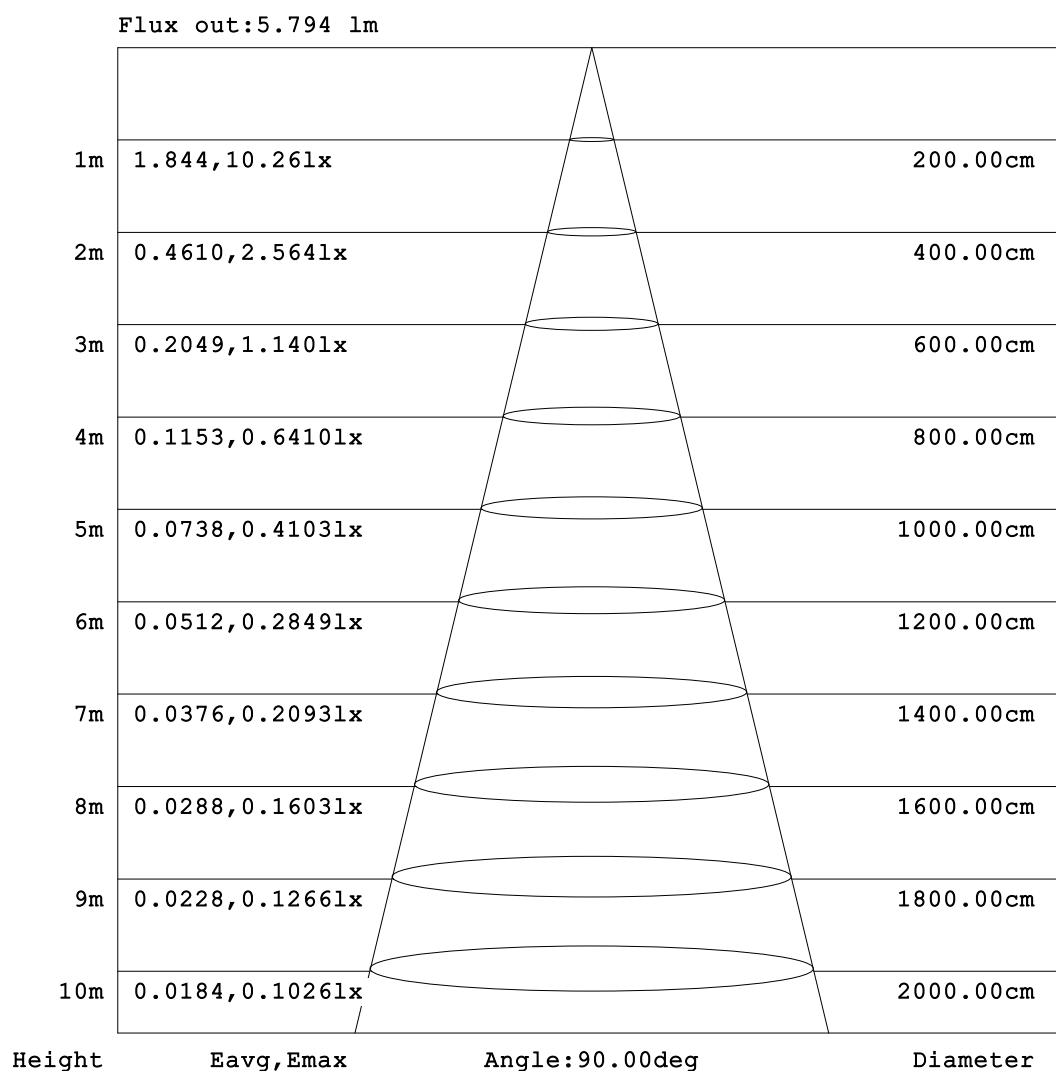


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:119.79V I:0.1602A P:19.012W PF:0.9907 Freq:59.98Hz Lamp Flux:1906.79x1 lm		
NAME: 1013 圆桶壁灯 20W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:



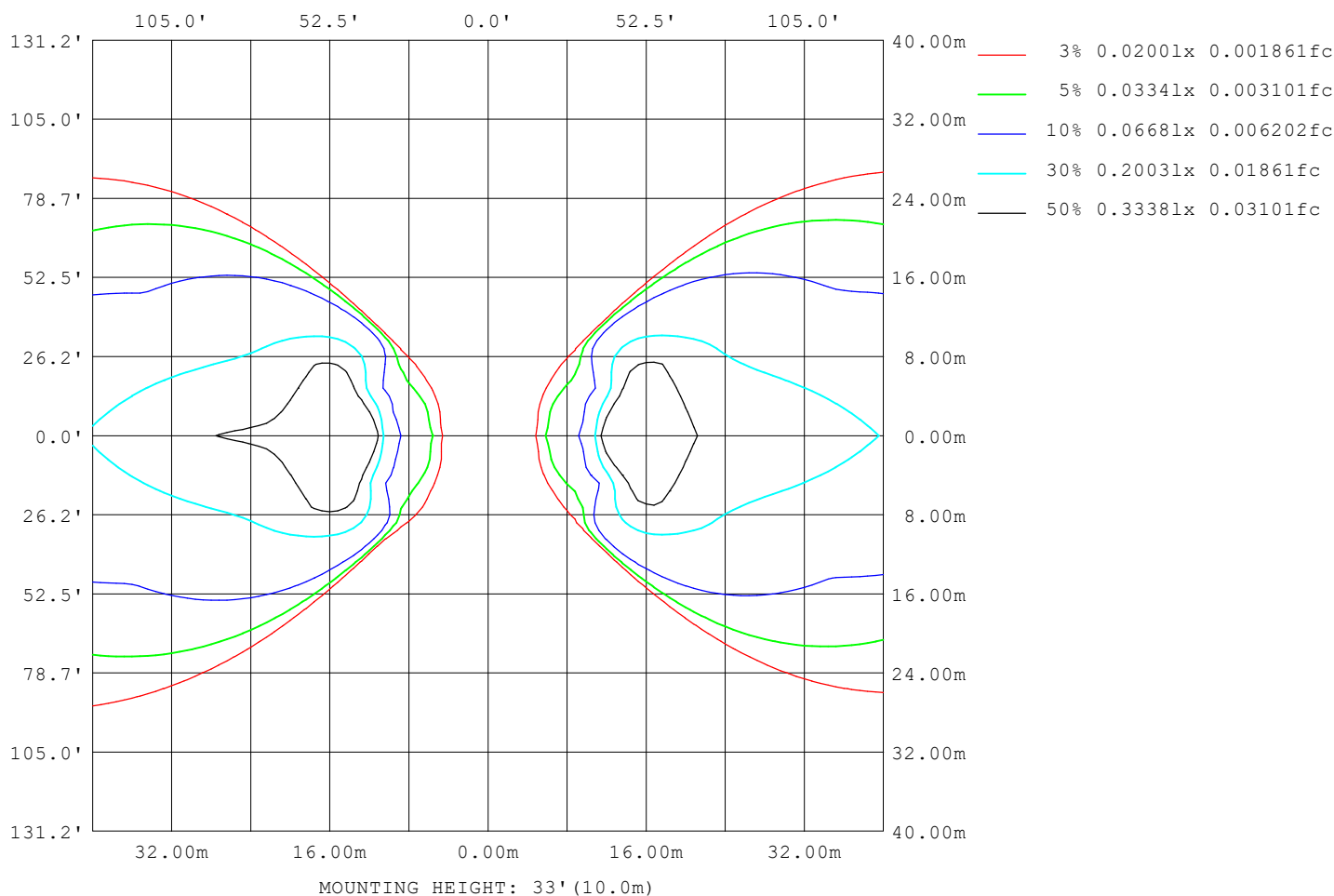
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:119.79V I:0.1602A P:19.012W PF:0.9907 Freq:59.98Hz Lamp Flux:1906.79x1 lm		
NAME: 1013 圓桶壁灯 20W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	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:119.79V I:0.1602A P:19.012W PF:0.9907 Freq:59.98Hz Lamp Flux:1906.79x1 lm		
NAME: 1013 圆桶壁灯 20W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

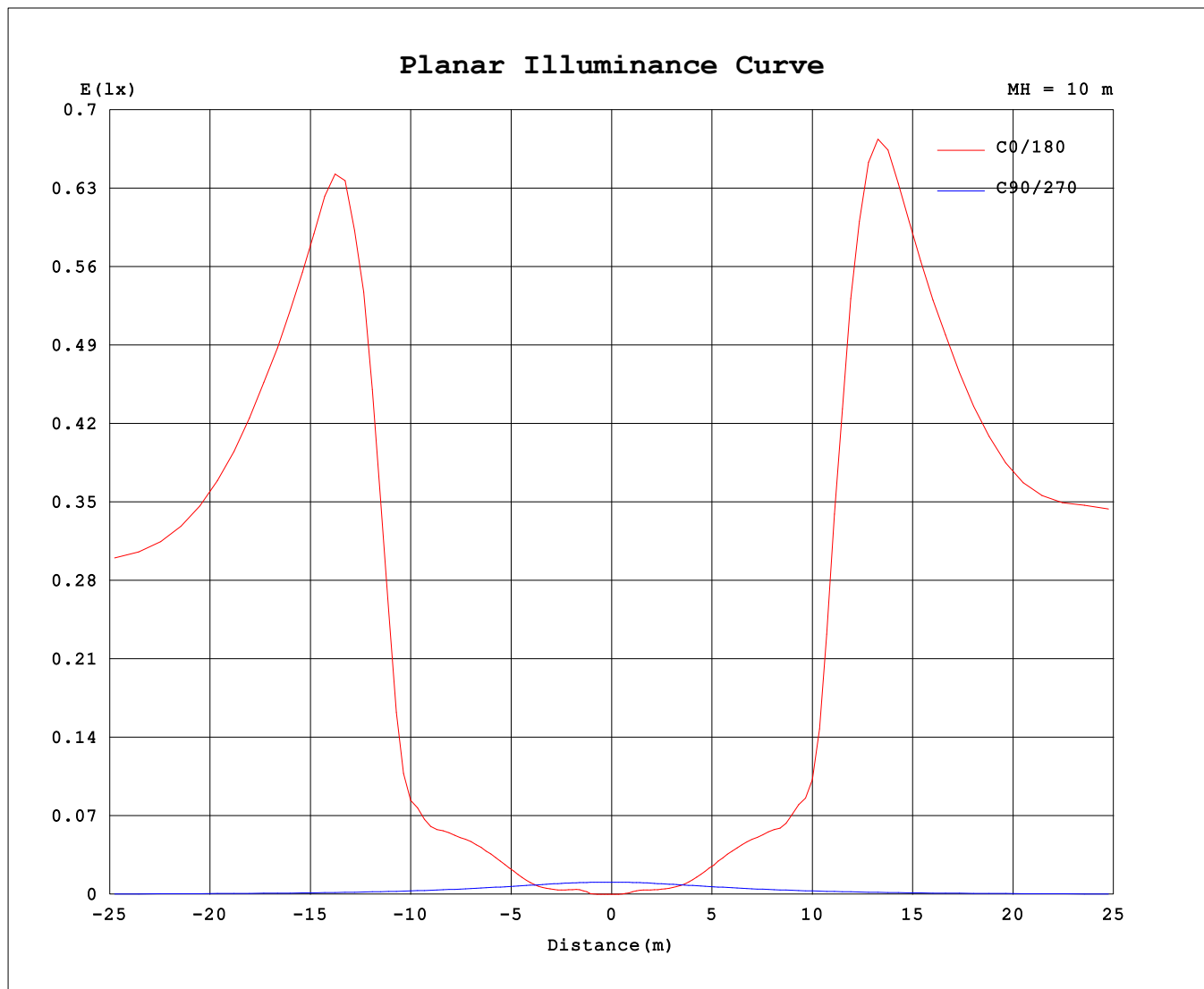
AvgL	cd/m2
L_0~180 (65) av	224889
L_0~180 (75) av	1069532
L_0~180 (85) av	4855995
L_90~270 (65) av	114
L_90~270 (75) av	182
L_90~270 (85) av	537
L_45 (65) av	21225
L_45 (75) av	51350
L_45 (85) av	222499

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:119.79V I:0.1602A P:19.012W PF:0.9907 Freq:59.98Hz Lamp Flux:1906.79x1 lm		
NAME: 1013 圓桶壁灯 20W 普瑞 COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	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	0.30	0.30	0.30	0.30	0.30	0.00	0.00	0.00	0.30	0.30	0.30	0.30	0.30	0.00			
5	0.04	0.06	0.29	0.30	0.30	0.32	0.56	0.13	0.15	0.08	0.72	0.33	0.30	0.28	0.41	0.03			
10	0.46	0.46	1.21	0.32	0.30	0.38	1.40	0.40	0.41	0.40	1.71	0.39	0.29	0.28	1.22	0.45			
15	0.45	0.44	1.91	0.33	0.29	0.48	1.63	0.51	0.57	0.48	2.10	0.46	0.29	0.30	1.63	0.42			
20	0.89	0.70	1.76	0.43	0.29	0.54	2.06	0.93	1.11	0.85	2.48	0.58	0.28	0.40	1.62	0.68			
25	2.38	1.54	2.24	0.50	0.28	0.57	2.98	2.15	2.77	1.96	3.37	0.64	0.27	0.46	2.11	1.64			
30	5.06	3.40	3.52	0.48	0.27	0.58	5.00	4.31	5.53	3.97	5.07	0.65	0.26	0.46	3.31	3.60			
35	8.58	6.11	6.63	0.47	0.26	0.63	8.41	7.18	8.95	6.68	8.51	0.66	0.25	0.46	6.21	6.34			
40	12.6	9.18	11.23	0.48	0.26	0.68	13.27	10.4	13.1	9.79	13.15	0.70	0.25	0.46	10.34	9.49			
45	23.7	12.9	17.18	0.52	0.25	0.75	18.67	15.6	29.0	13.6	18.96	0.78	0.24	0.49	15.79	13.4			
50	170	22.5	24.16	0.55	0.24	0.82	24.50	34.8	200	27.0	25.87	0.83	0.24	0.53	21.56	24.4			
55	330	124	30.99	0.57	0.24	0.89	30.4	179	336	150	32.77	0.88	0.24	0.57	27.41	144			
60	365	281	36.7	0.61	0.23	0.98	36.2	319	373	298	39.0	0.93	0.23	0.64	33.3	301			
65	435	339	42.6	0.67	0.22	1.11	44.4	351	471	340	45.4	1.01	0.23	0.72	38.7	347			
70	729	365	47.9	0.73	0.22	1.20	55.9	380	835	364	51.7	1.08	0.23	0.83	46.5	375			
75	1266	391	59.7	0.80	0.22	1.27	66.7	428	1375	393	65.5	1.16	0.23	0.93	61.7	410			
80	1776	439	70.4	0.86	0.22	1.35	78.1	519	1798	440	75.4	1.20	0.23	1.03	74.6	476			
85	2037	501	73.6	0.89	0.22	1.37	103	607	2001	498	82.6	1.23	0.23	1.08	111	567			
90	2131	538	78.1	0.89	0.22	1.36	111	629	2062	521	84.3	1.23	0.23	1.12	134	615			
95	2123	518	75.0	0.88	0.21	1.32	93.5	571	2033	487	81.7	1.22	0.21	1.12	123	586			
100	1890	458	70.2	0.84	0.20	1.24	69.9	470	1753	425	73.6	1.16	0.21	1.09	88.8	501			
105	1391	405	62.1	0.77	0.19	1.16	58.5	397	1237	382	60.0	1.08	0.20	1.01	65.0	422			
110	835	371	50.5	0.70	0.18	1.05	41.7	361	703	356	48.2	1.00	0.19	0.89	51.2	382			
115	473	346	45.3	0.62	0.18	0.93	35.6	337	423	332	42.1	0.91	0.18	0.78	39.7	354			
120	373	314	39.8	0.55	0.17	0.83	30.4	292	358	277	35.9	0.83	0.17	0.68	35.2	323			
125	336	184	33.23	0.49	0.17	0.76	25.08	141	323	121	30.36	0.76	0.17	0.59	29.39	206			
130	231	33.6	26.23	0.44	0.17	0.71	19.68	22.3	169	21.4	23.52	0.70	0.17	0.53	23.62	44.0			
135	34.6	14.1	19.30	0.41	0.17	0.64	14.42	11.9	23.2	12.5	16.82	0.64	0.16	0.45	17.74	14.5			
140	12.9	10.2	12.62	0.39	0.17	0.59	9.79	8.57	11.9	8.77	11.06	0.59	0.16	0.39	12.19	10.5			
145	9.02	6.94	7.40	0.38	0.16	0.52	6.10	5.76	7.99	5.78	6.82	0.54	0.16	0.33	7.22	7.21			
150	5.56	3.95	4.12	0.39	0.16	0.49	3.73	3.25	4.69	3.27	4.23	0.51	0.16	0.33	3.61	4.21			
155	2.71	1.83	2.44	0.39	0.16	0.45	2.57	1.56	2.26	1.56	2.84	0.46	0.16	0.34	1.80	1.99			
160	1.07	0.74	1.81	0.35	0.15	0.37	1.91	0.77	0.96	0.80	2.06	0.39	0.15	0.38	1.41	0.78			
165	0.53	0.46	1.73	0.29	0.15	0.24	1.65	0.46	0.51	0.49	1.72	0.28	0.15	0.32	1.31	0.42			
170	0.39	0.42	1.54	0.20	0.14	0.18	0.98	0.34	0.38	0.37	0.94	0.22	0.15	0.20	1.17	0.40			
175	0.15	0.07	0.50	0.17	0.14	0.17	0.34	0.02	0.05	0.06	0.24	0.19	0.14	0.17	0.38	0.11			
180	0.00	0.00	0.19	0.17	0.14	0.17	0.18	0.00	0.00	0.00	0.09	0.18	0.14	0.16	0.17	0.00			

C Range: 0 - 360DEG

C Interval: 22.5DEG

Test Speed: HIGH

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Operators:

Test Date:2023-12-07

γ Range: 0 - 180DEG

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