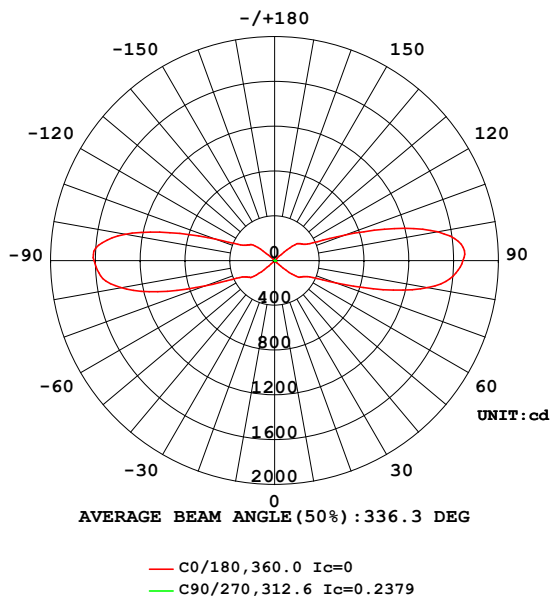


LUMINAIRE PHOTOMETRIC TEST REPORT

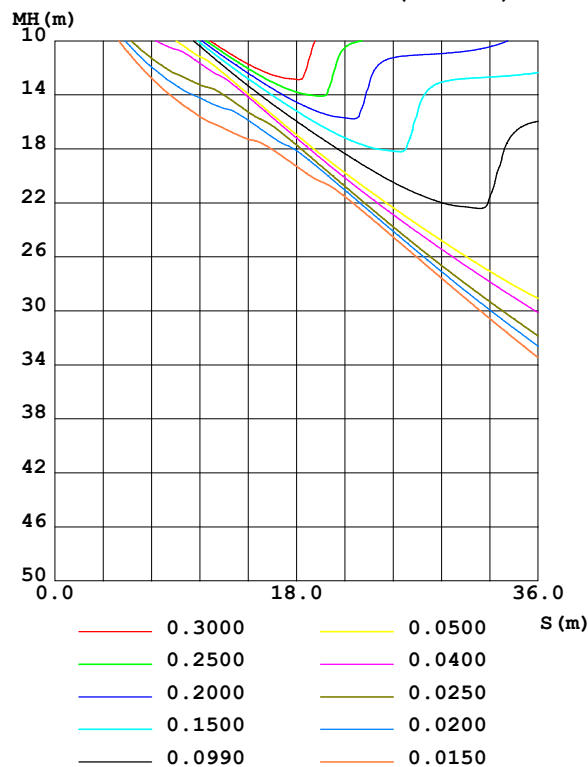
Test:U:119.78V I:0.1350A P:15.996W PF:0.9889 Freq:59.98Hz Lamp Flux:1506.95x1 lm		
NAME: 1013 圆桶壁灯 16W 普瑞 COB FULL 085B-L 无透镜	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 94.21 lm/W
MODEL		I _{max} (cd)	1699	S/MH(C0/180)		0.00
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)		1.30
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1507.0	η UP,DN(C0-180)		25.7,24.9
NOMINAL FLUX(lm)	1506.95	CIE CLASS	DIFFUSE	η UP,DN(C180-360)		24.4,25.0
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 °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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

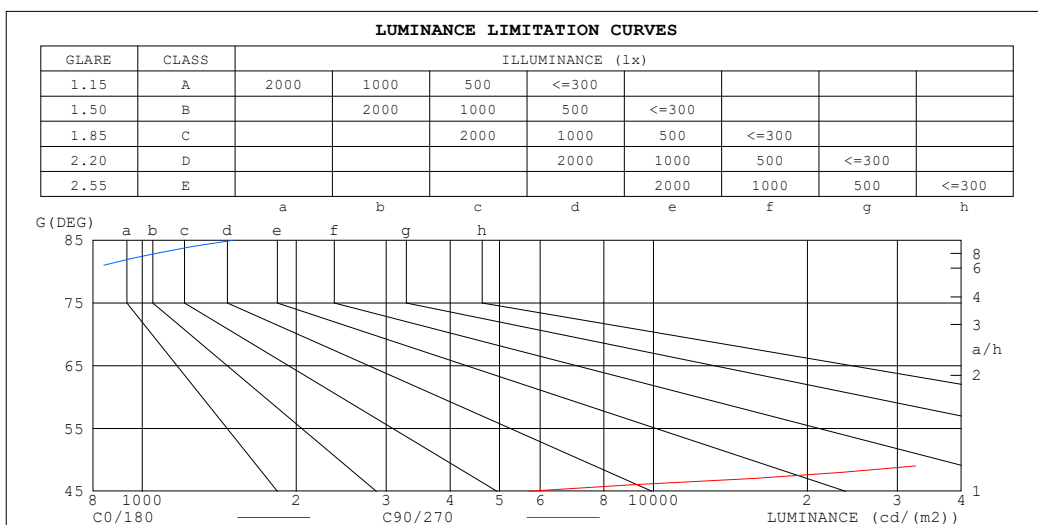
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	
10	0.3110	1.137	0.2357	1.108	0.2960	1.756	0.2292	0.9980	0- 10	0.0311	0.0311	0.0311
20	0.6837	1.892	0.2271	1.632	0.8594	2.642	0.2161	1.309	10- 20	0.1473	0.1784	0.1784
30	3.960	3.739	0.2140	4.022	4.328	5.445	0.2030	2.697	20- 30	0.5351	0.7135	0.7135
40	10.01	12.13	0.2020	10.78	10.35	14.18	0.1949	8.489	30- 40	1.880	2.594	2.594
50	134.6	26.26	0.1878	19.96	155.7	27.94	0.1900	17.70	40- 50	8.052	10.65	10.65
60	290.7	39.89	0.1779	29.49	294.5	42.10	0.1855	27.35	50- 60	57.59	68.24	68.24
70	588.9	52.09	0.1723	45.15	663.8	55.73	0.1849	37.51	60- 70	120.1	188.4	188.4
80	1391	75.32	0.1711	63.71	1398	79.80	0.1818	60.56	70- 80	227.7	416.1	416.1
90	1682	84.97	0.1681	85.93	1614	90.17	0.1714	99.99	80- 90	335.7	751.8	751.8
100	1481	75.73	0.1572	55.74	1359	77.24	0.1561	70.35	90-100	339.7	1092	1092
110	672.6	54.65	0.1441	33.63	561.9	51.37	0.1419	41.40	100-110	226.9	1318	1318
120	296.0	43.23	0.1354	24.77	280.9	38.74	0.1266	28.90	110-120	118.7	1437	1437
130	179.3	28.53	0.1310	16.03	131.2	25.20	0.1251	19.35	120-130	59.07	1496	1496
140	10.25	13.73	0.1277	7.912	9.378	11.79	0.1236	9.976	130-140	8.392	1505	1505
150	4.369	4.399	0.1234	2.958	3.653	4.409	0.1217	2.900	140-150	1.769	1506	1506
160	0.8272	1.932	0.1168	1.472	0.7239	2.087	0.1124	1.072	150-160	0.4722	1507	1507
170	0.3120	1.598	0.1091	0.7266	0.2757	0.8650	0.1094	0.9214	160-170	0.1136	1507	1507
180	0	0.1182	0.1081	0.0997	0	0.0591	0.1070	0.0873	170-180	0.0198	1507	1507
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:0.1350A P:15.996W PF:0.9889 Freq:59.98Hz Lamp Flux:1506.95x1 lm		
NAME: 1013 圆桶壁灯 16W 普瑞 COB FULL 085B-L 无透镜	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:



LUMINANCE cd/(m ²)		
G (DEG)	C0/180	C90/270
85	3851432	1506
80	1679865	758
75	814198	510
70	360944	388
65	172503	318
60	121885	274
55	96058	244
50	43908	225
45	5703	211

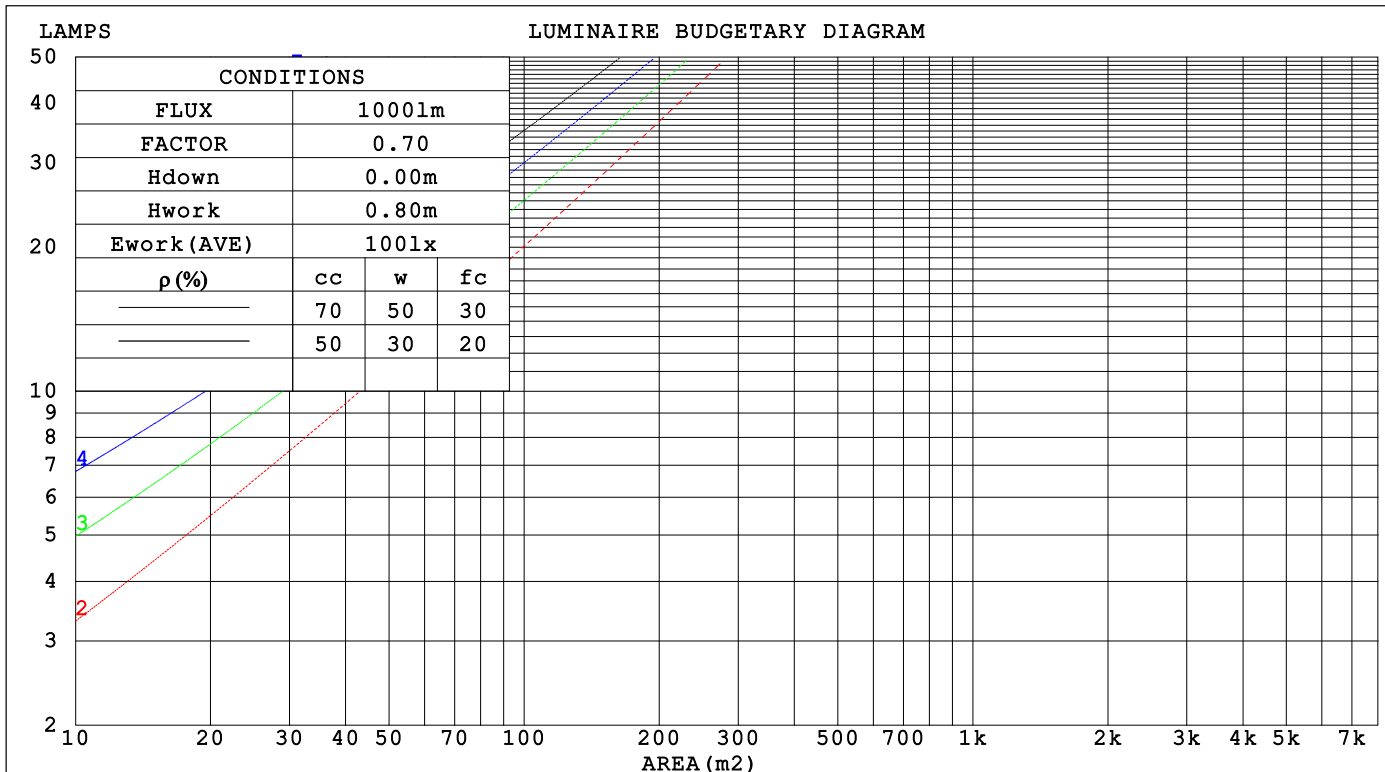
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:0.1350A P:15.996W PF:0.9889 Freq:59.98Hz Lamp Flux:1506.95x1 lm		
NAME: 1013 圓桶壁灯 16W 普瑞 COB FULL 085B-L 无透镜	TYPE:	WEIGHT:
SPEC.: 3000K	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	.29	.26	.20														
2.0	.64	.54	.45	.57	.48	.41	.46	.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	.23	.37	.27	.20	.29	.21	.15	.21	.15	.10	.14	.10	.06	.02														
6.0	.36	.26	.19	.33	.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:0.1350A P:15.996W PF:0.9889 Freq:59.98Hz		
Lamp Flux:1506.95x1 lm		
NAME: 1013 圓桶壁灯 16W 普瑞 COB FULL 085B-L 无透镜	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	.568	.323	.102	.545	.311	.099	.503	.288	.092	.463	.267	.086	.427	.247	.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	.194	.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	.462	.429	.341	.318	.297	.196	.184	.173	.063	.059	.056		
2.0	.578	.519	.469	.495	.447	.405	.339	.309	.283	.196	.180	.166	.063	.058	.054		
3.0	.571	.504	.452	.489	.435	.392	.336	.302	.275	.194	.177	.162	.062	.057	.053		
4.0	.562	.494	.441	.482	.426	.383	.332	.297	.270	.192	.174	.160	.062	.057	.053		
5.0	.553	.485	.434	.475	.419	.378	.327	.293	.267	.190	.172	.158	.061	.056	.052		
6.0	.545	.478	.429	.468	.414	.374	.323	.290	.265	.187	.170	.157	.060	.056	.052		
7.0	.537	.471	.426	.462	.409	.371	.319	.287	.263	.185	.169	.156	.060	.055	.052		
8.0	.530	.466	.423	.456	.404	.369	.315	.284	.261	.184	.168	.156	.059	.055	.052		
9.0	.523	.462	.420	.450	.401	.367	.312	.282	.260	.182	.166	.155	.059	.055	.051		
10.0	.517	.458	.419	.445	.398	.365	.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:119.78V I:0.1350A P:15.996W PF:0.9889 Freq:59.98Hz Lamp Flux:1506.95x1 lm										
NAME: 1013 圆桶壁灯 16W 普瑞 COB FULL 085B-L 无透镜						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	25.1	26.3	26.0	27.2	28.4	-7.5	-6.3	-6.6	-5.3	-4.1
3H	31.9	33.0	32.8	34.0	35.2	-6.8	-5.7	-5.9	-4.8	-3.5
4H	36.7	37.8	37.6	38.7	40.0	-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	47.2	-4.5	-3.5	-3.6	-2.5	-1.2
12H	46.3	47.3	47.3	48.3	49.6	-3.7	-2.7	-2.8	-1.8	-0.5
4H 2H	24.8	25.9	25.7	26.9	28.1	14.4	15.5	15.3	16.4	17.7
3H	31.9	32.8	32.8	33.8	35.1	14.1	15.0	15.0	16.0	17.3
4H	36.7	37.6	37.7	38.6	39.9	13.9	14.8	14.8	15.8	17.1
6H	41.9	42.7	42.8	43.7	45.0	13.7	14.5	14.7	15.5	16.8
8H	44.5	45.2	45.4	46.2	47.6	13.6	14.4	14.6	15.4	16.7
12H	47.1	47.8	48.1	48.9	50.2	13.5	14.2	14.5	15.3	16.6
8H 4H	36.5	37.2	37.4	38.2	39.6	22.2	22.9	23.1	24.0	25.3
6H	41.7	42.4	42.7	43.4	44.8	22.0	22.7	23.0	23.7	25.1
8H	44.4	45.0	45.4	46.1	47.5	21.9	22.5	22.9	23.6	24.9
12H	47.4	47.9	48.4	49.0	50.4	21.8	22.4	22.8	23.4	24.8
12H 4H	36.4	37.1	37.3	38.1	39.5	25.8	26.5	26.7	27.5	28.9
6H	41.6	42.2	42.6	43.3	44.7	25.8	26.4	26.8	27.4	28.8
8H	44.4	44.9	45.4	46.0	47.3	25.7	26.3	26.7	27.3	28.7
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, 1507 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.4)
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:0.1350A P:15.996W PF:0.9889 Freq:59.98Hz Lamp Flux:1506.95x1 lm		
NAME: 1013 圓桶壁灯 16W 普瑞 COB FULL 085B-L 无透镜	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

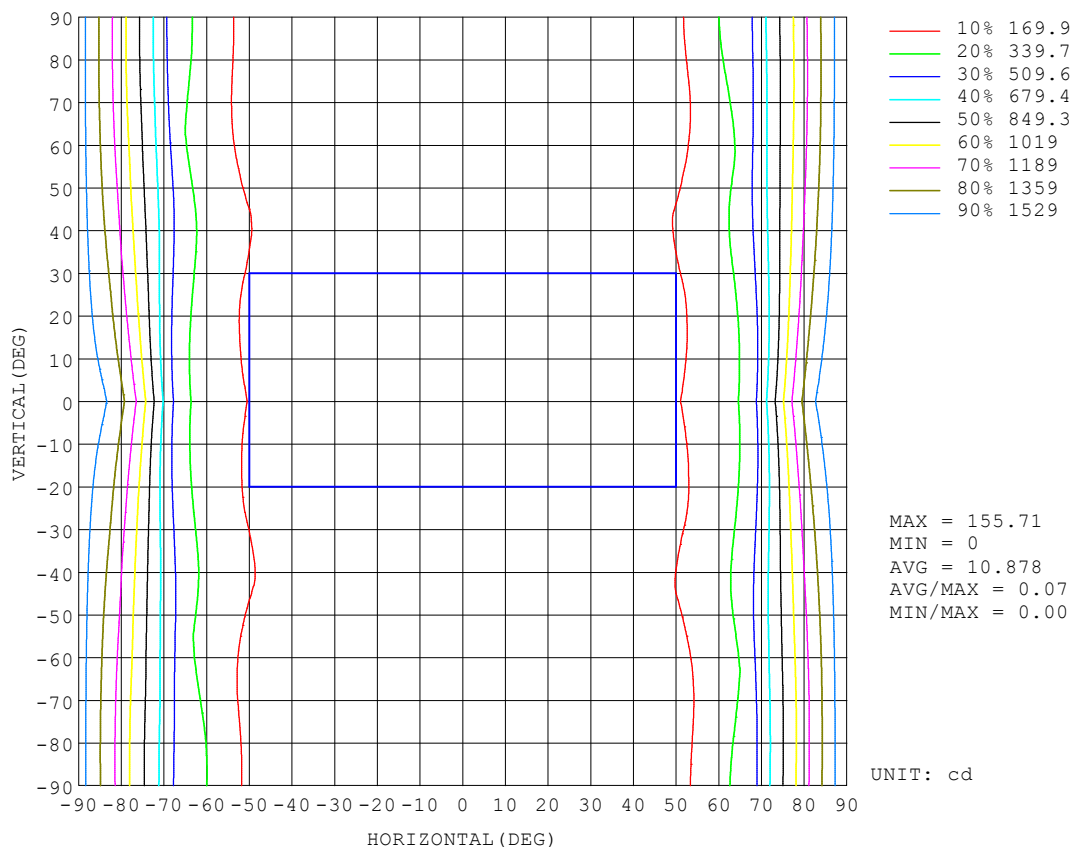
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	30	16	8	28	15	8	26	14	7	0
0.80	37	21	11	35	20	11	31	18	10	1
1.00	43	26	15	40	24	14	35	24	12	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:0.1350A P:15.996W PF:0.9889 Freq:59.98Hz Lamp Flux:1506.95x1 lm		
NAME: 1013 圆桶壁灯 16W 普瑞 COB FULL 085B-L 无透镜	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

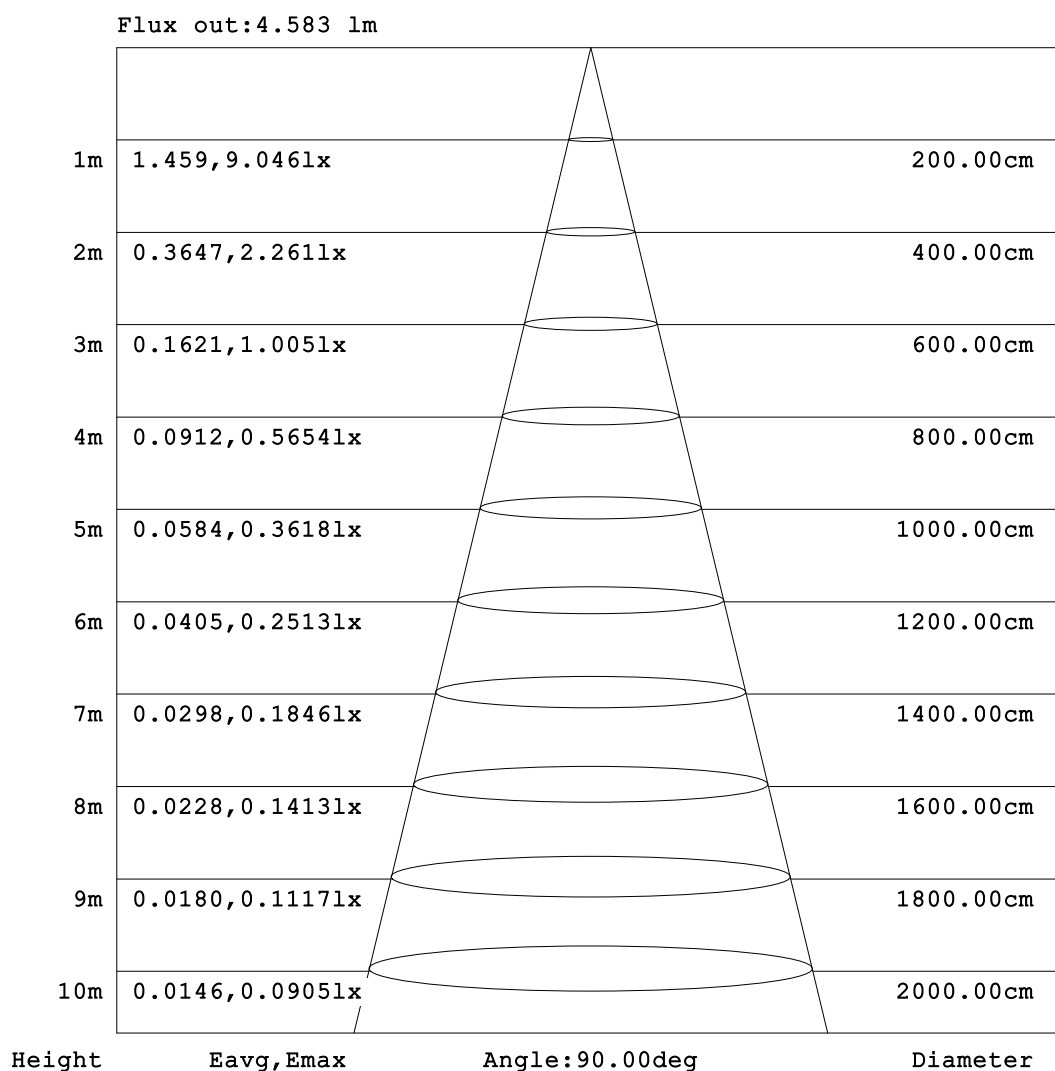


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:0.1350A P:15.996W PF:0.9889 Freq:59.98Hz Lamp Flux:1506.95x1 lm		
NAME: 1013 圆桶壁灯 16W 普瑞 COB FULL 085B-L 无透镜	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:



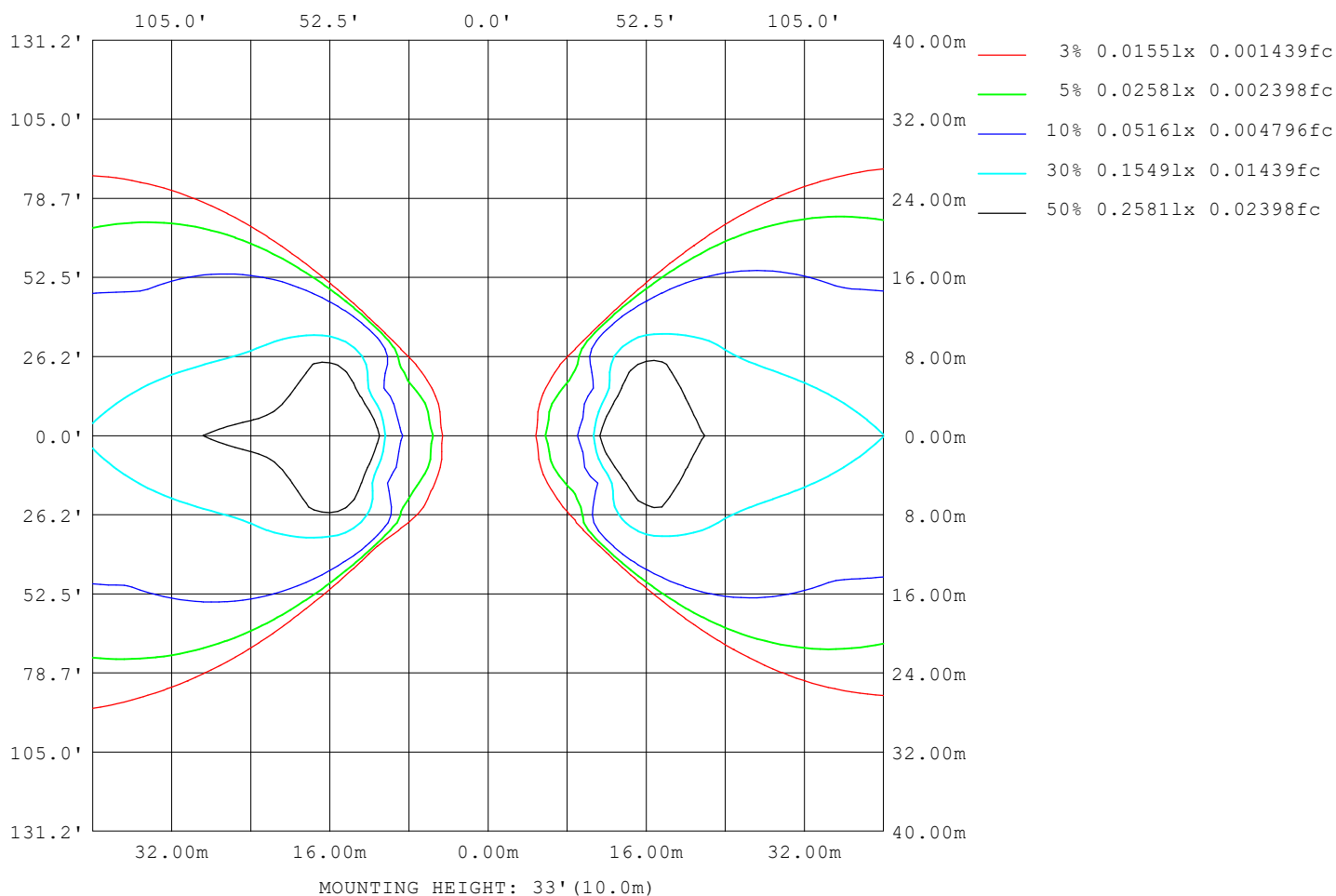
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.1350A P:15.996W PF:0.9889 Freq:59.98Hz Lamp Flux:1506.95x1 lm		
NAME: 1013 圓桶壁灯 16W 普瑞 COB FULL 085B-L 无透镜	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:0.1350A P:15.996W PF:0.9889 Freq:59.98Hz Lamp Flux:1506.95x1 lm		
NAME: 1013 圆桶壁灯 16W 普瑞 COB FULL 085B-L 无透镜	TYPE:	WEIGHT:
SPEC.: 3000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

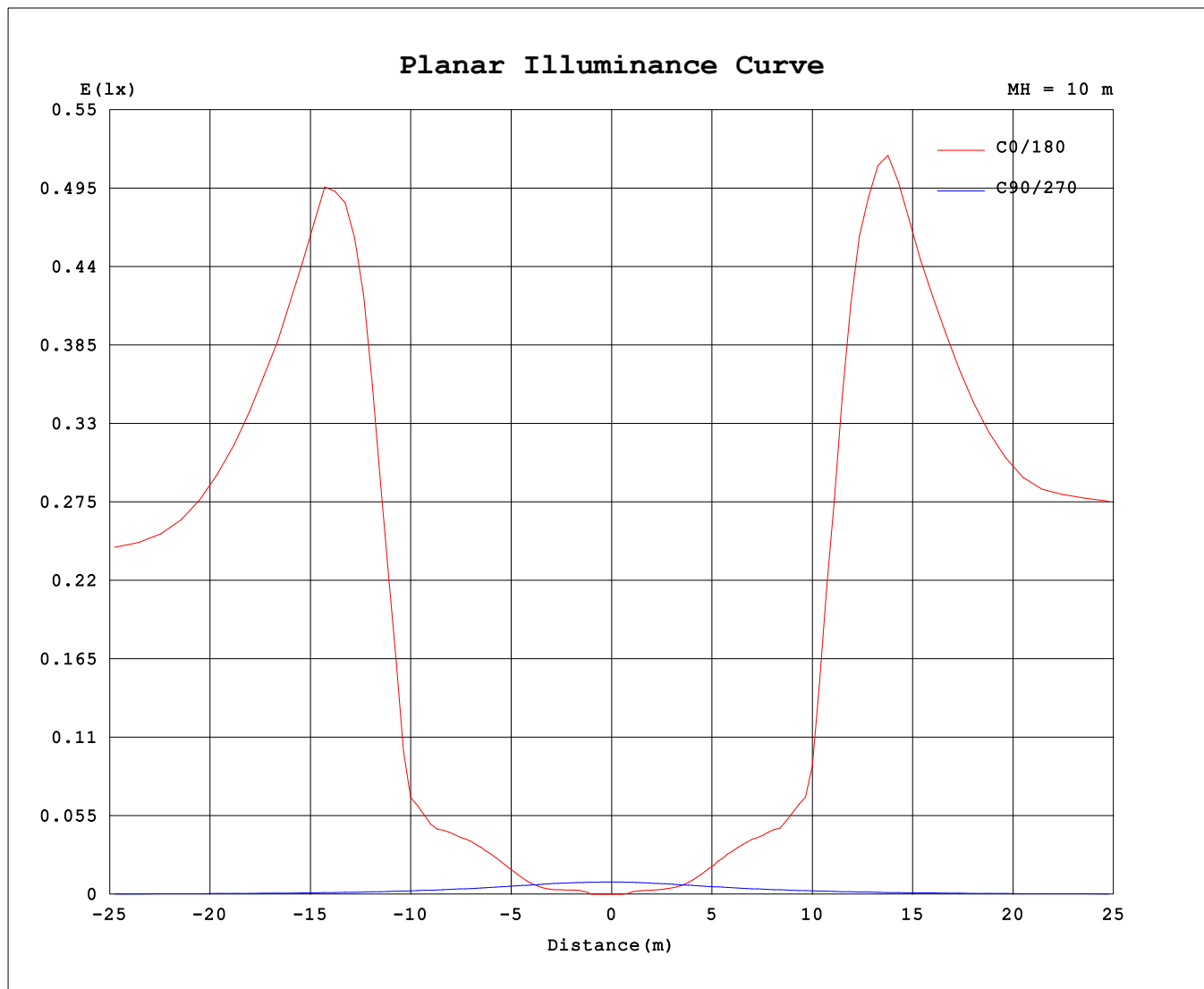
AvgL	cd/m2
L_0~180 (65) av	179562
L_0~180 (75) av	844688
L_0~180 (85) av	3804523
L_90~270 (65) av	89
L_90~270 (75) av	144
L_90~270 (85) av	420
L_45 (65) av	20355
L_45 (75) av	48091
L_45 (85) av	201133

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
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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
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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:0.1350A P:15.996W PF:0.9889 Freq:59.98Hz Lamp Flux:1506.95x1 lm		
NAME: 1013 圆桶壁灯 16W 普瑞 COB FULL 085B-L 无透镜	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	0.24	0.24	0.24	0.24	0.24	0.00	0.00	0.00	0.24	0.24	0.24	0.24	0.24	0.00			
5	0.00	0.04	0.20	0.24	0.24	0.26	0.41	0.09	0.10	0.04	0.69	0.25	0.23	0.22	0.35	0.00			
10	0.31	0.26	1.14	0.25	0.24	0.30	1.11	0.28	0.30	0.30	1.76	0.31	0.23	0.22	1.00	0.25			
15	0.37	0.35	1.91	0.27	0.23	0.37	1.32	0.39	0.43	0.36	2.20	0.36	0.22	0.23	1.24	0.33			
20	0.68	0.54	1.89	0.34	0.23	0.43	1.63	0.72	0.86	0.64	2.64	0.45	0.22	0.31	1.31	0.52			
25	1.84	1.22	2.34	0.39	0.22	0.45	2.38	1.68	2.16	1.51	3.53	0.50	0.21	0.37	1.70	1.28			
30	3.96	2.69	3.74	0.38	0.21	0.46	4.02	3.38	4.33	3.10	5.44	0.51	0.20	0.37	2.70	2.84			
35	6.77	4.85	7.10	0.38	0.21	0.49	6.79	5.64	7.02	5.24	9.13	0.52	0.20	0.37	5.07	5.04			
40	10.0	7.30	12.13	0.38	0.20	0.54	10.78	8.19	10.4	7.70	14.18	0.55	0.19	0.37	8.49	7.56			
45	19.2	10.3	18.64	0.40	0.19	0.59	15.20	12.6	25.6	10.7	20.47	0.61	0.19	0.38	12.96	10.7			
50	135	18.1	26.26	0.42	0.19	0.64	19.96	31.1	156	22.3	27.94	0.66	0.19	0.41	17.70	20.0			
55	263	102	33.70	0.44	0.18	0.68	24.84	142	265	122	35.28	0.68	0.19	0.44	22.51	117			
60	291	219	39.89	0.47	0.18	0.75	29.49	250	295	232	42.10	0.72	0.19	0.48	27.35	234			
65	348	271	46.47	0.52	0.17	0.85	36.9	278	376	269	48.94	0.78	0.19	0.56	31.8	277			
70	589	291	52.1	0.58	0.17	0.93	45.2	301	664	288	55.7	0.84	0.18	0.63	37.5	299			
75	1005	312	64.5	0.63	0.17	0.98	53.9	340	1080	311	68.5	0.90	0.18	0.72	50.7	328			
80	1391	351	75.3	0.68	0.17	1.04	63.7	412	1398	349	79.8	0.93	0.18	0.79	60.6	382			
85	1601	401	80.3	0.69	0.17	1.04	80.4	480	1562	395	89.2	0.95	0.18	0.83	84.6	454			
90	1682	429	85.0	0.70	0.17	1.04	85.9	497	1614	412	90.2	0.95	0.17	0.86	100.0	492			
95	1673	414	81.6	0.68	0.16	1.01	73.2	453	1579	386	86.3	0.95	0.16	0.85	93.3	469			
100	1481	367	75.7	0.65	0.16	0.95	55.7	374	1359	337	77.2	0.90	0.16	0.84	70.3	402			
105	1108	322	67.3	0.60	0.15	0.88	47.0	315	970	301	64.2	0.84	0.15	0.77	53.0	338			
110	673	295	54.7	0.55	0.14	0.81	33.6	286	562	280	51.4	0.77	0.14	0.68	41.4	305			
115	379	275	49.3	0.48	0.14	0.71	29.06	266	335	262	45.34	0.71	0.14	0.60	32.5	283			
120	296	249	43.23	0.42	0.14	0.64	24.77	228	281	213	38.74	0.65	0.13	0.52	28.90	258			
125	267	144	36.07	0.37	0.13	0.58	20.43	113	253	98.2	32.59	0.59	0.13	0.44	24.09	160			
130	179	31.0	28.53	0.34	0.13	0.53	16.03	18.2	131	17.2	25.20	0.54	0.13	0.39	19.35	41.3			
135	35.7	11.2	20.96	0.31	0.13	0.49	11.69	9.42	18.7	9.79	18.01	0.50	0.12	0.34	14.55	11.6			
140	10.2	8.07	13.73	0.30	0.13	0.44	7.91	6.75	9.38	6.88	11.79	0.45	0.12	0.29	9.98	8.32			
145	7.09	5.46	8.01	0.29	0.12	0.39	4.93	4.53	6.26	4.54	7.18	0.42	0.12	0.26	5.75	5.73			
150	4.37	3.11	4.40	0.30	0.12	0.37	2.96	2.53	3.65	2.55	4.41	0.39	0.12	0.25	2.90	3.34			
155	2.12	1.42	2.58	0.30	0.12	0.34	2.05	1.22	1.74	1.22	2.97	0.36	0.12	0.27	1.40	1.57			
160	0.83	0.56	1.93	0.26	0.12	0.27	1.47	0.58	0.72	0.61	2.09	0.30	0.11	0.29	1.07	0.60			
165	0.41	0.37	1.73	0.21	0.11	0.18	1.35	0.34	0.38	0.36	1.81	0.22	0.11	0.24	1.05	0.32			
170	0.31	0.32	1.60	0.14	0.11	0.13	0.73	0.26	0.28	0.28	0.86	0.17	0.11	0.15	0.92	0.32			
175	0.10	0.03	0.47	0.13	0.11	0.13	0.21	0.00	0.01	0.04	0.12	0.15	0.11	0.13	0.21	0.08			
180	0.00	0.00	0.12	0.12	0.11	0.12	0.10	0.00	0.00	0.00	0.06	0.14	0.11	0.12	0.09	0.00			

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