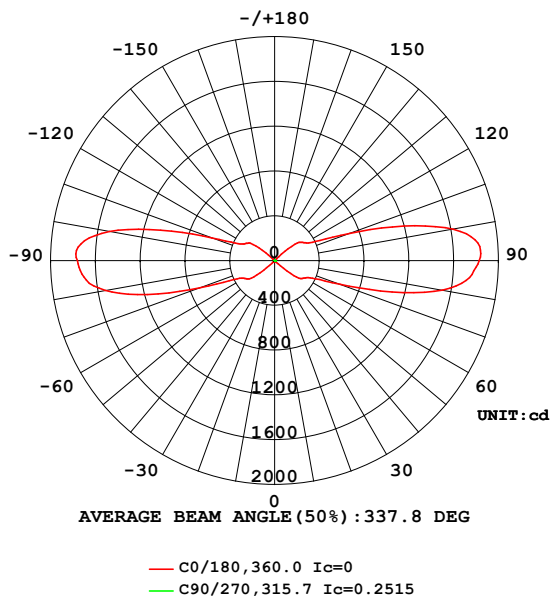


LUMINAIRE PHOTOMETRIC TEST REPORT

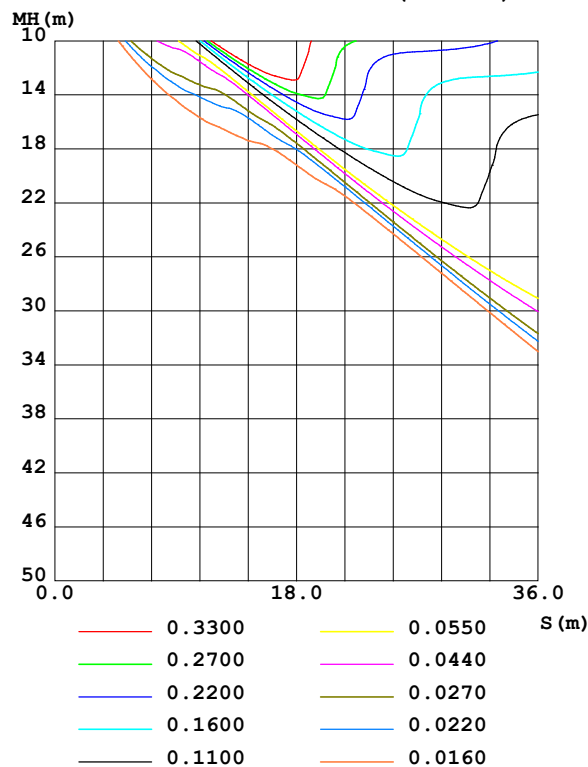
Test:U:119.79V I:0.1359A P:16.097W PF:0.9888 Freq:59.98Hz Lamp Flux:1634.2x1 lm		
NAME: 1013 圓桶壁燈 16W COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 101.52 lm/W			
MODEL		I _{max} (cd)	1843	S/MH(C0/180)	0.00
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)		TOTAL FLUX(lm)	1634.2	η UP,DN(C0-180)	25.7,24.9
NOMINAL FLUX(lm)	1634.2	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:

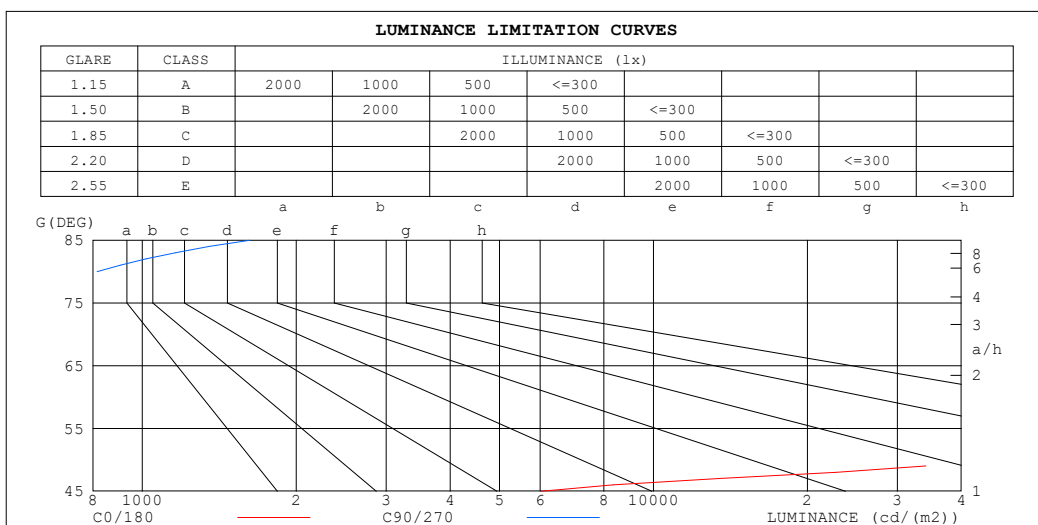
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	
10	0.3763	1.112	0.2489	1.347	0.3406	1.637	0.2439	1.183	0- 10	0.0339	0.0339	0.0339
20	0.7478	1.718	0.2385	1.960	0.9437	2.437	0.2298	1.559	10- 20	0.1598	0.1936	0.1936
30	4.324	3.466	0.2244	4.863	4.721	5.060	0.2168	3.246	20- 30	0.5792	0.7728	0.7728
40	10.86	11.15	0.2125	13.09	11.23	13.07	0.2060	10.22	30- 40	2.038	2.810	2.810
50	145.4	24.03	0.2016	24.17	170.9	25.74	0.1973	21.31	40- 50	8.383	11.19	11.19
60	313.8	36.55	0.1902	35.70	318.4	38.85	0.1937	33.00	50- 60	62.43	73.62	73.62
70	624.7	47.80	0.1843	55.26	712.8	51.49	0.1928	46.07	60- 70	129.4	203.0	203.0
80	1523	70.32	0.1829	77.10	1536	75.04	0.1917	73.89	70- 80	246.6	449.5	449.5
90	1827	78.06	0.1789	109.2	1761	83.92	0.1875	132.4	80- 90	365.4	814.9	814.9
100	1621	70.12	0.1669	68.95	1497	73.32	0.1745	88.15	90-100	370.0	1185	1185
110	715.9	50.36	0.1539	41.20	600.7	47.89	0.1552	50.66	100-110	245.6	1431	1431
120	320.3	39.67	0.1463	30.06	305.1	35.77	0.1400	34.85	110-120	128.1	1559	1559
130	197.8	26.19	0.1413	19.45	143.7	23.34	0.1344	23.38	120-130	64.27	1623	1623
140	11.04	12.58	0.1390	9.636	10.16	10.91	0.1310	12.01	130-140	8.749	1632	1632
150	4.758	4.091	0.1326	3.634	3.981	4.133	0.1285	3.514	140-150	1.923	1634	1634
160	0.8996	1.769	0.1268	1.837	0.8000	1.951	0.1214	1.348	150-160	0.5151	1634	1634
170	0.3228	1.503	0.1168	0.9222	0.3040	0.8652	0.1194	1.098	160-170	0.1239	1634	1634
180	0	0.1168	0.1171	0.1391	0	0.0500	0.1160	0.1391	170-180	0.0220	1634	1634
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:0.1359A P:16.097W PF:0.9888 Freq:59.98Hz Lamp Flux:1634.2x1 lm		
NAME: 1013 圓桶壁灯 16W 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	4201789	1622
80	1839156	816
75	880408	549
70	382931	417
65	185214	344
60	131554	295
55	103596	265
50	47423	243
45	6035	227

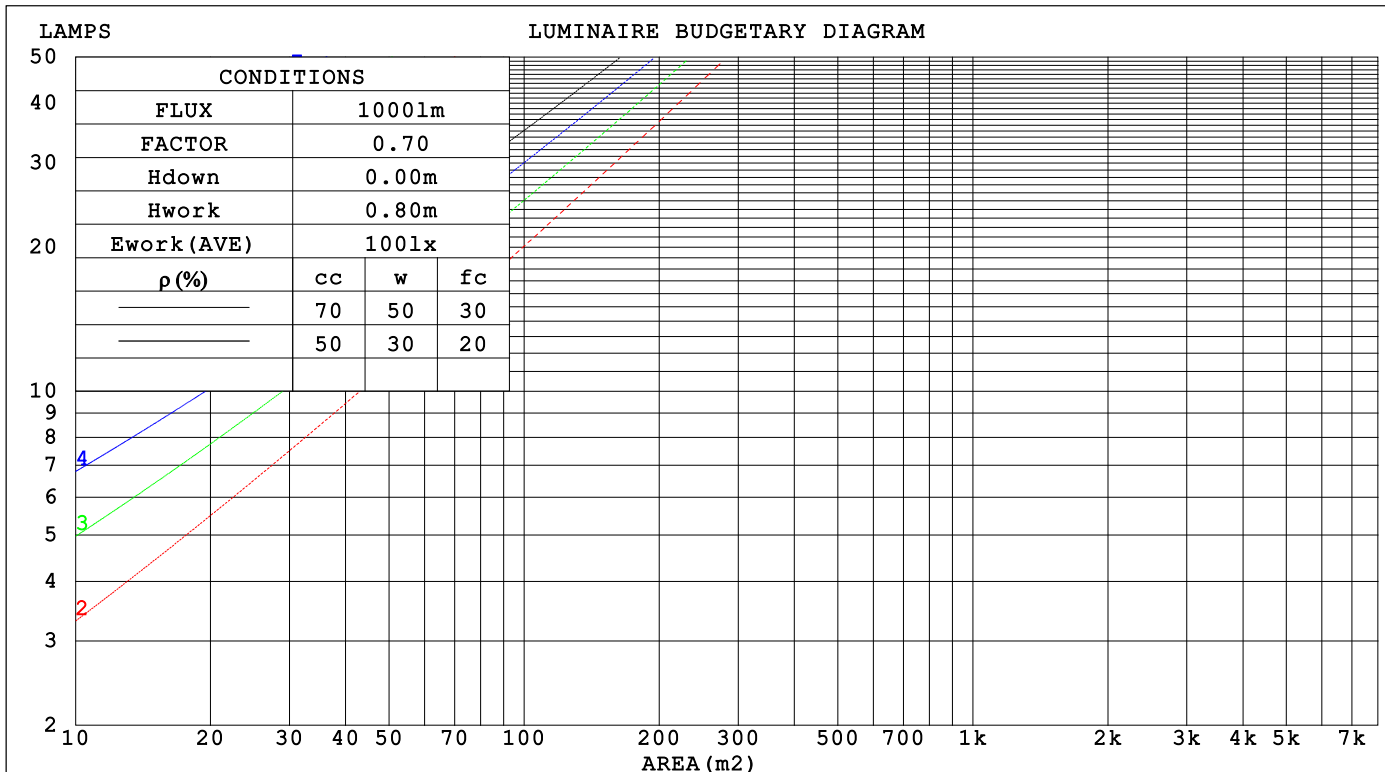
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:0.1359A P:16.097W PF:0.9888 Freq:59.98Hz Lamp Flux:1634.2x1 lm		
NAME: 1013 圓桶壁灯 16W 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 °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:

WEC AND CCEC

Test:U:119.79V I:0.1359A P:16.097W PF:0.9888 Freq:59.98Hz Lamp Flux:1634.2x1 lm		
NAME: 1013 圓桶壁灯 16W 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	.495	.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:0.1359A P:16.097W PF:0.9888 Freq:59.98Hz Lamp Flux:1634.2x1 lm										
NAME: 1013 圓桶壁灯 16W 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	26.0	27.2	28.4	-7.5	-6.3	-6.6	-5.3	-4.1
3H	31.8	32.9	32.7	33.9	35.1	-6.9	-5.7	-6.0	-4.8	-3.5
4H	36.7	37.7	37.6	38.7	39.9	-6.2	-5.1	-5.3	-4.1	-2.9
6H	41.7	42.7	42.6	43.6	44.9	-5.2	-4.2	-4.2	-3.2	-1.9
8H	44.0	45.0	45.0	46.0	47.3	-4.5	-3.5	-3.6	-2.6	-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	15.5	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	13.9	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	23.7	25.0
8H	44.4	45.1	45.4	46.1	47.5	21.9	22.5	22.9	23.5	24.9
12H	47.4	48.0	48.4	49.0	50.4	21.8	22.3	22.8	23.4	24.8
12H 4H	36.3	37.0	37.3	38.1	39.4	25.7	26.4	26.7	27.5	28.8
6H	41.6	42.3	42.6	43.3	44.7	25.7	26.3	26.7	27.4	28.8
8H	44.4	44.9	45.4	46.0	47.4	25.6	26.2	26.7	27.3	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, 1634 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 1.7)
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:119.79V I:0.1359A P:16.097W PF:0.9888 Freq:59.98Hz Lamp Flux:1634.2x1 lm		
NAME: 1013 圓桶壁灯 16W COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

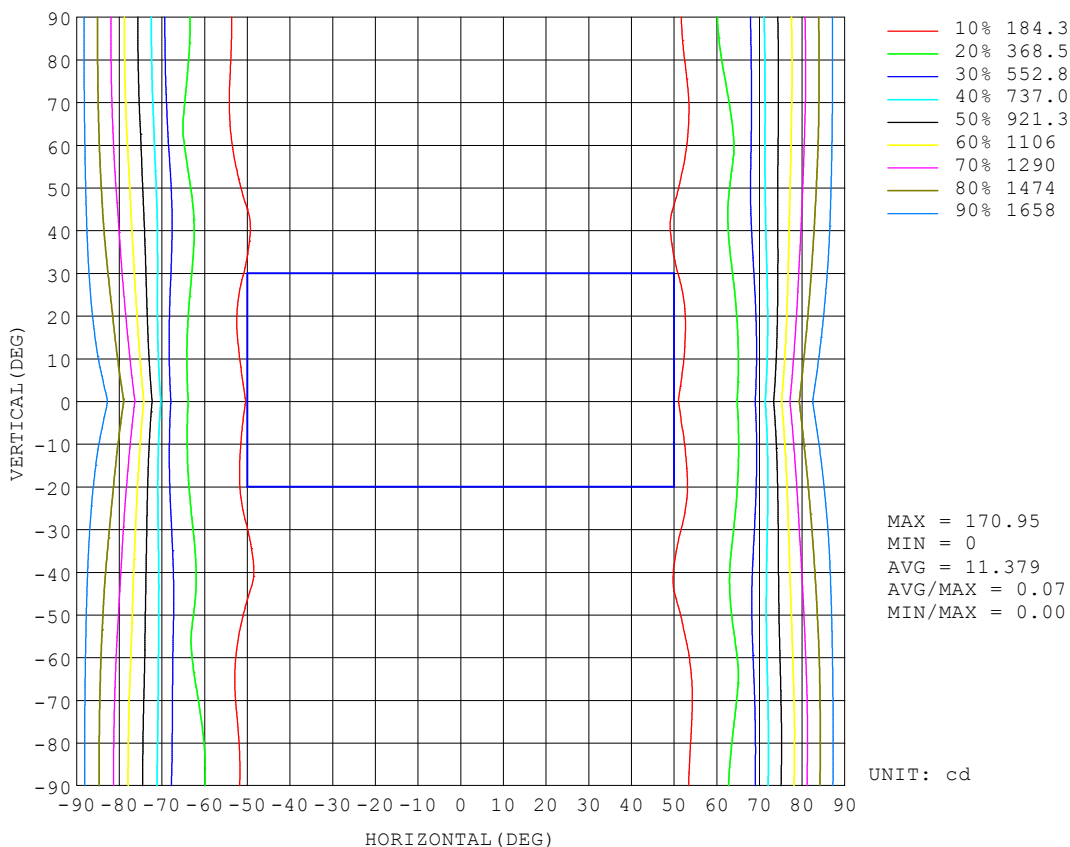
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	30	16	8	28	15	8	26	14	7	0
0.80	37	21	11	35	20	11	31	18	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:0.1359A P:16.097W PF:0.9888 Freq:59.98Hz Lamp Flux:1634.2x1 lm		
NAME: 1013 圓桶壁灯 16W COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

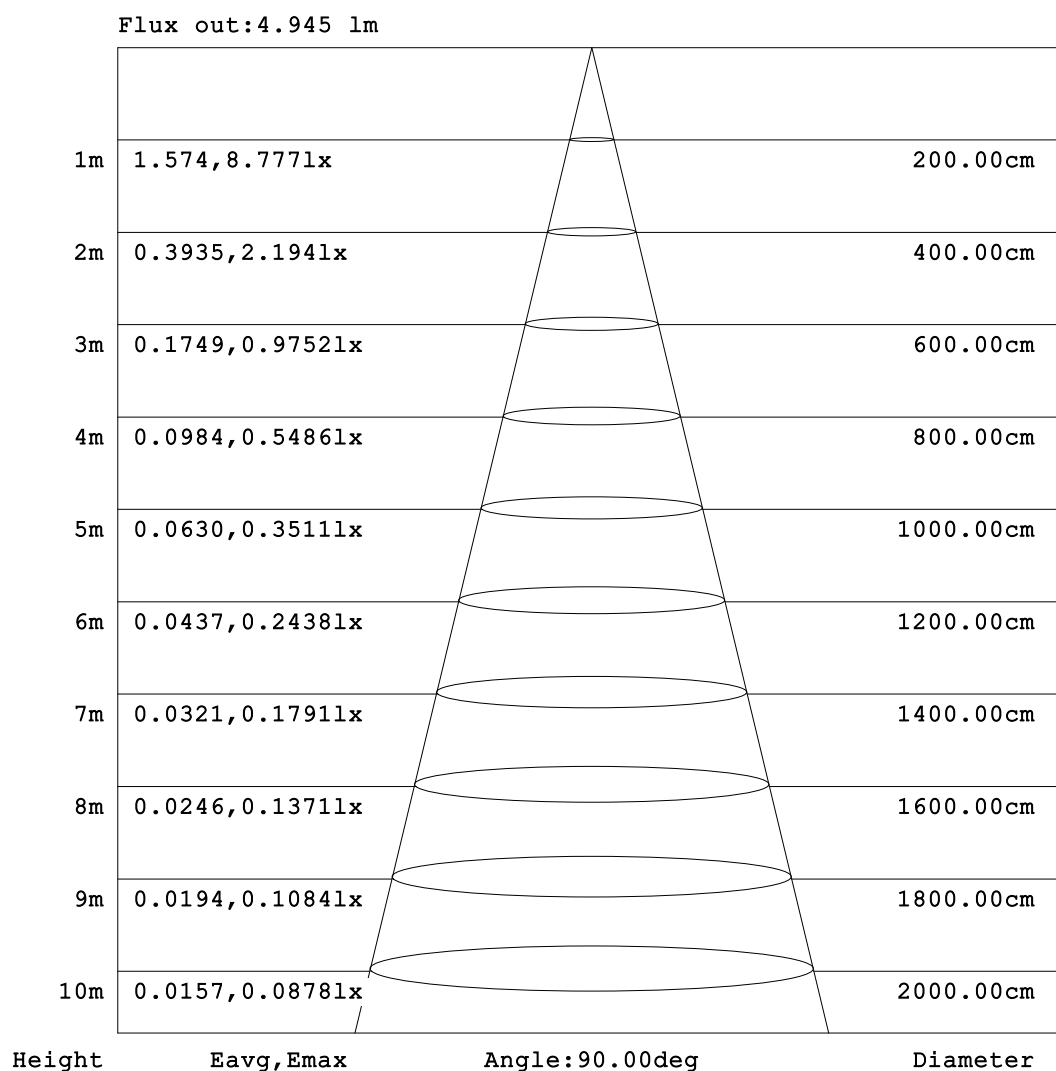


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators:
Test Date: 2023-12-07

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:0.1359A P:16.097W PF:0.9888 Freq:59.98Hz Lamp Flux:1634.2x1 lm		
NAME: 1013 圓桶壁灯 16W COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m ²	Shielding Angle:



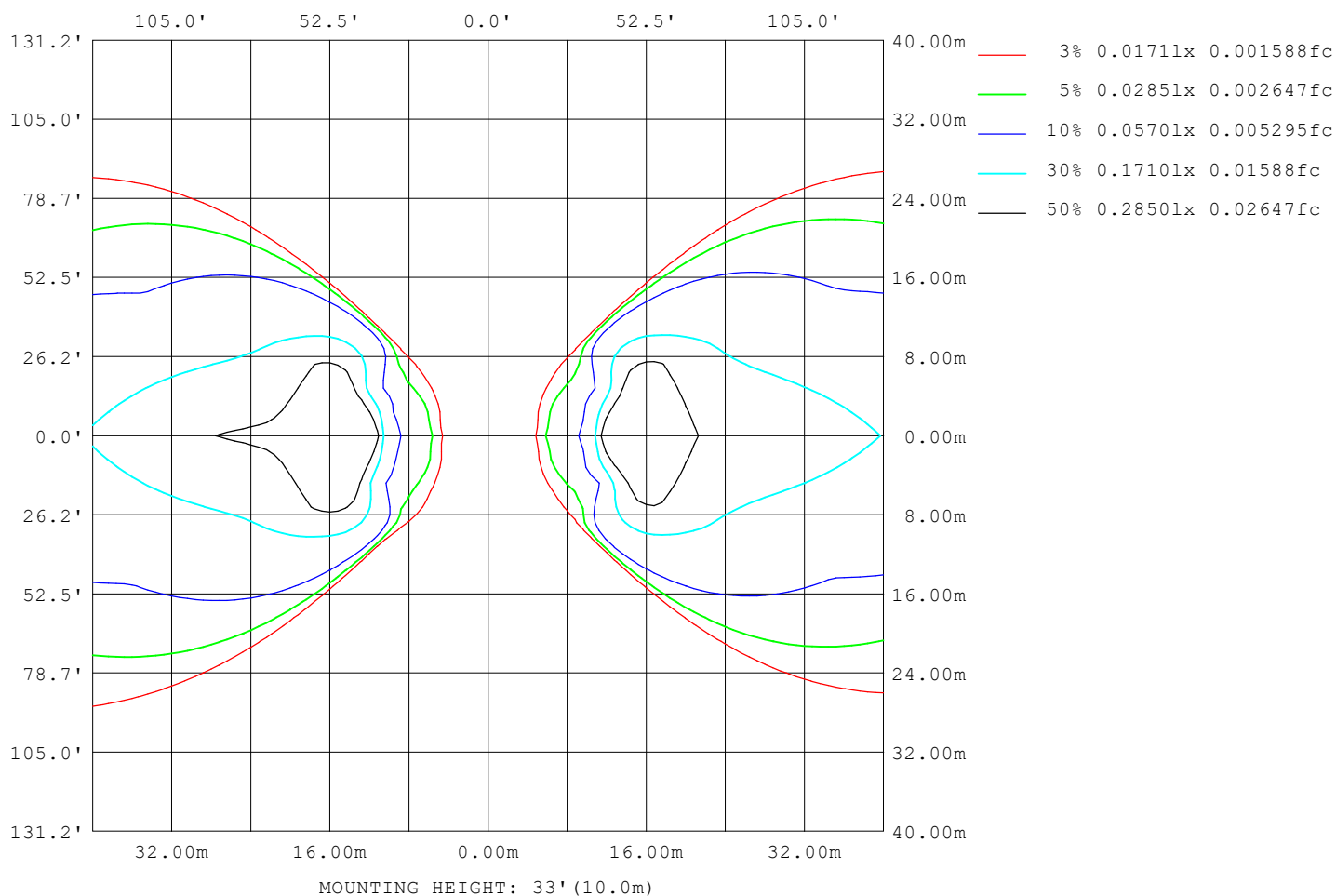
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3°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:119.79V I:0.1359A P:16.097W PF:0.9888 Freq:59.98Hz Lamp Flux:1634.2x1 lm		
NAME: 1013 圓桶壁灯 16W COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	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:119.79V I:0.1359A P:16.097W PF:0.9888 Freq:59.98Hz Lamp Flux:1634.2x1 lm		
NAME: 1013 圓桶壁灯 16W COB FULL 085B-L	TYPE:	WEIGHT:
SPEC.: 4000K	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.00477m²	Shielding Angle:

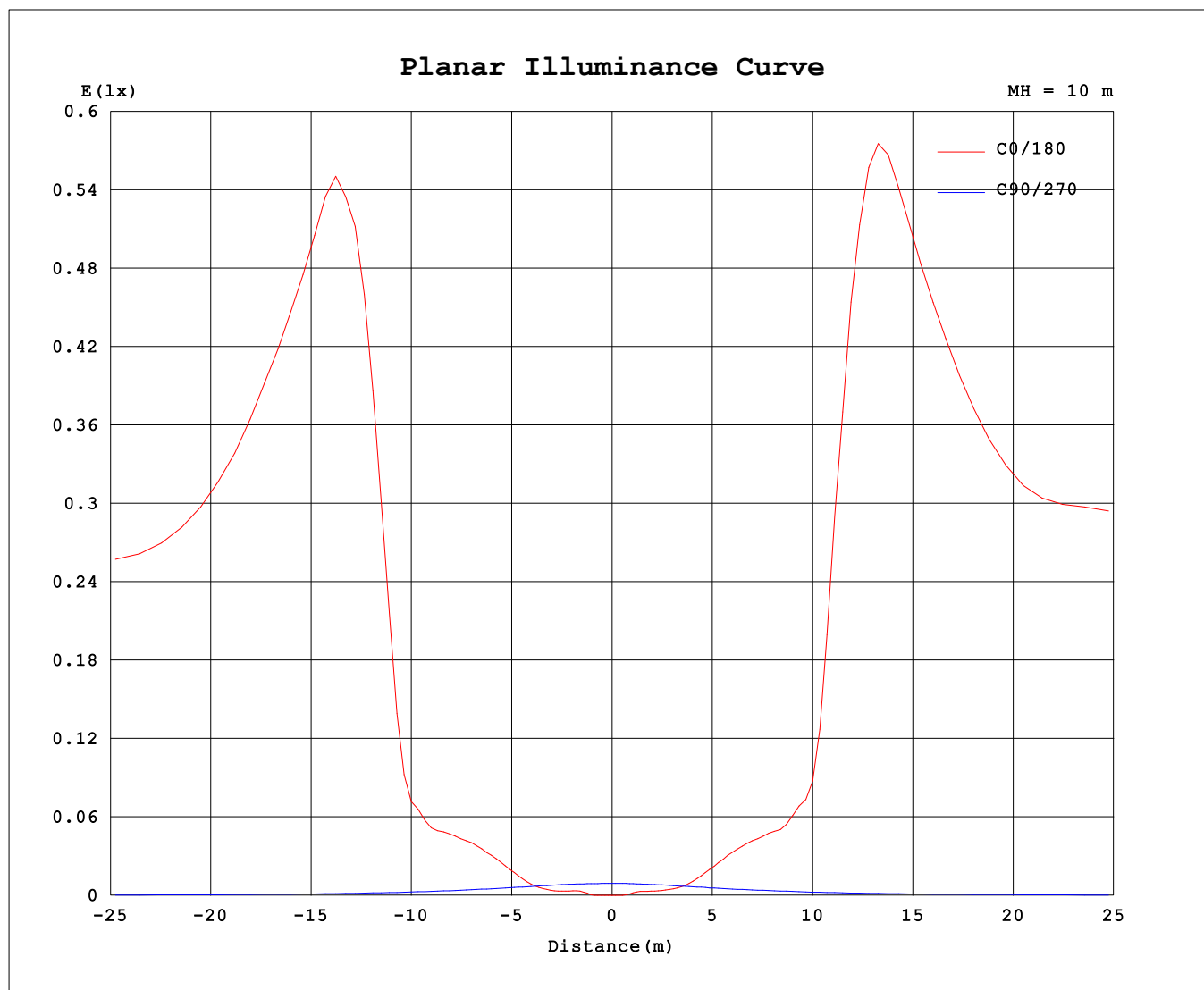
AvgL	cd/m2
L_0~180 (65) av	192560
L_0~180 (75) av	915896
L_0~180 (85) av	4156425
L_90~270 (65) av	94
L_90~270 (75) av	152
L_90~270 (85) av	449
L_45 (65) av	21075
L_45 (75) av	51020
L_45 (85) av	220893

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:0.1359A P:16.097W PF:0.9888 Freq:59.98Hz Lamp Flux:1634.2x1 lm		
NAME: 1013 圓桶壁灯 16W 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	0.25	0.25	0.25	0.25	0.25	0.00	0.00	0.00	0.25	0.25	0.25	0.25	0.25	0.00			
5	0.01	0.05	0.22	0.25	0.25	0.27	0.47	0.10	0.11	0.06	0.68	0.27	0.25	0.23	0.38	0.01			
10	0.38	0.32	1.11	0.27	0.25	0.32	1.35	0.34	0.34	0.32	1.64	0.33	0.24	0.24	1.18	0.38			
15	0.37	0.38	1.87	0.28	0.25	0.40	1.57	0.43	0.47	0.39	2.05	0.39	0.24	0.24	1.55	0.36			
20	0.75	0.59	1.72	0.37	0.24	0.46	1.96	0.79	0.94	0.70	2.44	0.49	0.23	0.33	1.56	0.56			
25	2.02	1.31	2.17	0.43	0.23	0.48	2.86	1.83	2.36	1.66	3.32	0.53	0.22	0.39	2.06	1.39			
30	4.32	2.89	3.47	0.41	0.22	0.49	4.86	3.69	4.72	3.37	5.06	0.55	0.22	0.39	3.25	3.08			
35	7.36	5.24	6.53	0.40	0.22	0.53	8.23	6.15	7.64	5.68	8.47	0.57	0.21	0.38	6.10	5.44			
40	10.9	7.87	11.15	0.41	0.21	0.57	13.09	8.92	11.2	8.36	13.07	0.60	0.21	0.39	10.22	8.16			
45	20.4	11.1	17.08	0.44	0.21	0.64	18.41	13.4	24.8	11.6	18.88	0.67	0.20	0.41	15.63	11.6			
50	145	19.3	24.03	0.46	0.20	0.69	24.17	30.1	171	23.1	25.74	0.71	0.20	0.45	21.31	21.0			
55	283	106	30.86	0.49	0.20	0.75	29.99	154	287	128	32.59	0.75	0.19	0.48	27.15	124			
60	314	241	36.55	0.52	0.19	0.82	35.7	274	318	255	38.85	0.79	0.19	0.53	33.00	259			
65	373	291	42.5	0.57	0.19	0.93	43.8	301	403	291	45.2	0.86	0.19	0.60	38.4	298			
70	625	313	47.8	0.63	0.18	1.01	55.3	326	713	311	51.5	0.92	0.19	0.69	46.1	323			
75	1087	336	59.6	0.69	0.18	1.07	65.9	367	1175	336	65.1	0.99	0.19	0.78	61.3	353			
80	1523	377	70.3	0.74	0.18	1.13	77.1	446	1536	376	75.0	1.03	0.19	0.86	73.9	409			
85	1747	430	73.5	0.76	0.18	1.14	102	521	1709	426	82.3	1.05	0.19	0.91	110	488			
90	1827	462	78.1	0.76	0.18	1.14	109	540	1761	445	83.9	1.06	0.19	0.94	132	530			
95	1823	444	74.9	0.75	0.17	1.11	92.2	490	1736	416	81.3	1.05	0.18	0.93	122	504			
100	1621	394	70.1	0.71	0.17	1.05	69.0	404	1497	363	73.3	0.99	0.17	0.92	88.1	431			
105	1194	347	62.0	0.66	0.16	0.97	57.7	341	1055	326	59.7	0.93	0.16	0.85	64.4	363			
110	716	318	50.4	0.60	0.15	0.88	41.2	310	601	304	47.9	0.85	0.16	0.75	50.7	329			
115	406	297	45.2	0.53	0.15	0.78	35.2	289	361	284	41.9	0.78	0.15	0.66	39.3	305			
120	320	270	39.67	0.46	0.15	0.69	30.06	251	305	237	35.77	0.72	0.14	0.57	34.9	278			
125	288	158	33.14	0.41	0.14	0.63	24.77	121	276	103	30.14	0.65	0.14	0.49	29.08	177			
130	198	28.9	26.19	0.37	0.14	0.59	19.45	19.2	144	18.4	23.34	0.60	0.13	0.44	23.38	38.0			
135	29.8	12.1	19.25	0.35	0.14	0.54	14.22	10.2	19.9	10.7	16.67	0.55	0.13	0.38	17.59	12.4			
140	11.0	8.74	12.58	0.32	0.14	0.49	9.64	7.34	10.2	7.50	10.91	0.51	0.13	0.32	12.01	9.00			
145	7.71	5.93	7.35	0.32	0.13	0.43	5.99	4.93	6.81	4.95	6.70	0.46	0.13	0.28	7.13	6.21			
150	4.76	3.37	4.09	0.33	0.13	0.40	3.63	2.77	3.98	2.79	4.13	0.43	0.13	0.28	3.51	3.62			
155	2.31	1.54	2.39	0.33	0.13	0.37	2.49	1.32	1.91	1.32	2.77	0.39	0.13	0.29	1.72	1.70			
160	0.90	0.62	1.77	0.29	0.13	0.30	1.84	0.64	0.80	0.67	1.95	0.33	0.12	0.32	1.35	0.66			
165	0.45	0.37	1.61	0.24	0.12	0.20	1.59	0.38	0.42	0.41	1.62	0.24	0.12	0.26	1.22	0.34			
170	0.32	0.30	1.50	0.16	0.12	0.14	0.92	0.27	0.30	0.31	0.87	0.18	0.12	0.16	1.10	0.33			
175	0.11	0.04	0.45	0.15	0.12	0.14	0.27	0.00	0.02	0.04	0.13	0.16	0.12	0.14	0.29	0.09			
180	0.00	0.00	0.12	0.14	0.12	0.13	0.14	0.00	0.00	0.00	0.05	0.15	0.12	0.13	0.14	0.00			

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