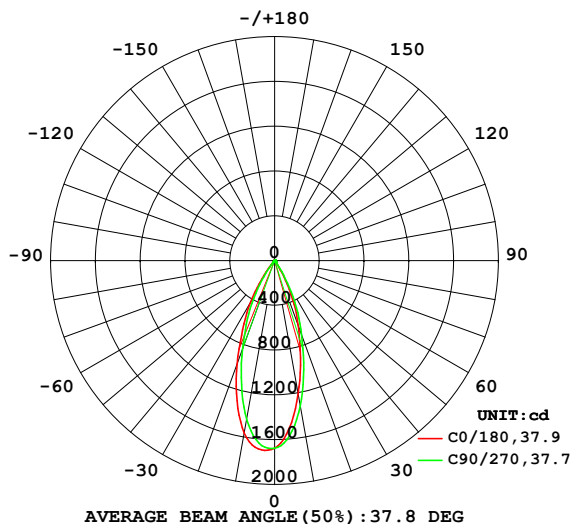


LUMINAIRE PHOTOMETRIC TEST REPORT

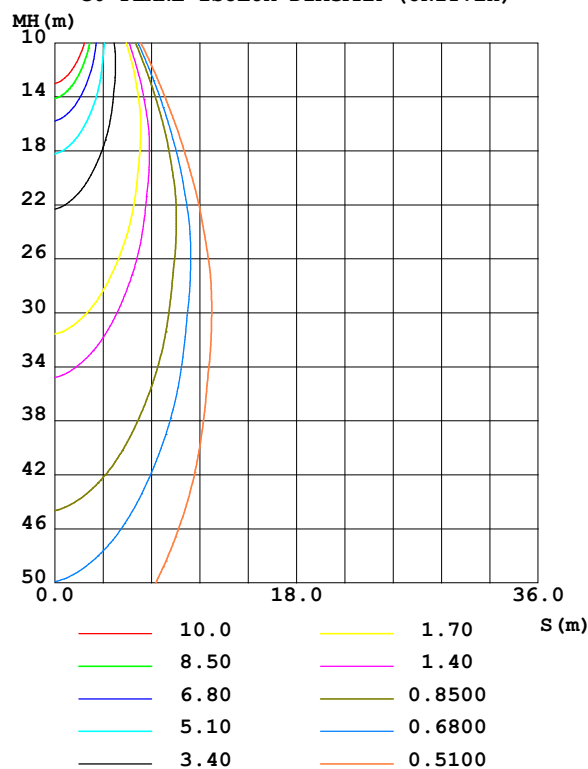
Test:U:220.67V I:0.0597A P:12.642W PF:0.9592 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:794.134x1 lm		
NAME: DL3833 3000K RA90 38D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 38	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 62.81 lm/W			
MODEL	DL3833 3000K RA90 38D	I _{max} (cd)	1699	S/MH(C0/180)	0.72
NOMINAL POWER(W)	12	LOR(%)	100.0	S/MH(C90/270)	0.65
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	794.13	η UP,DN(C0-180)	0.3,45.4
NOMINAL FLUX(lm)	794.134	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,53.8
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down (%)	99.3	CIBSE SHR MAX	0.70

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:VJC008
Test Date:2023-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1215	1219	1319	1464	1565	1564	1442	1298	0- 10	145.8	145.8	18.4,18.4
20	621.5	620.7	703.7	862.2	983.0	976.4	839.1	691.7	10- 20	299.2	445.1	56,56
30	167.1	163.8	231.1	347.5	432.1	436.7	341.0	228.7	20- 30	238.6	683.7	86.1,86.1
40	20.09	19.89	21.66	26.50	51.97	55.33	26.71	21.86	30- 40	78.03	761.7	95.9,95.9
50	10.98	11.04	13.08	15.09	16.35	16.52	14.71	12.50	40- 50	14.60	776.3	97.8,97.8
60	3.757	3.869	5.127	6.910	7.365	7.128	5.892	4.481	50- 60	8.437	784.7	98.8,98.8
70	0.1981	0.1953	0.3625	2.211	2.611	2.319	1.623	0.2622	60- 70	3.185	787.9	99.2,99.2
80	0.0473	0.0455	0.0685	0.0986	0.0965	0.0928	0.0637	0.0297	70- 80	0.3616	788.3	99.3,99.3
90	0	0	0	0.0047	0	0	0	0	80- 90	0.0272	788.3	99.3,99.3
100	0.0157	0.0113	0.0091	0	0.0067	0.0046	0.0091	0.0115	90-100	0.0046	788.3	99.3,99.3
110	0.0539	0.0544	0.0478	0.0343	0.0338	0.0295	0.0388	0.0620	100-110	0.0271	788.3	99.3,99.3
120	0.1998	0.1925	0.1435	0.1051	0.1780	0.1727	0.2307	0.3370	110-120	0.1021	788.4	99.3,99.3
130	0.6691	0.6637	0.5305	0.3886	0.6798	0.6654	0.7922	1.025	120-130	0.3602	788.8	99.3,99.3
140	1.597	1.584	1.346	1.077	1.656	1.637	1.858	2.199	130-140	0.8506	789.6	99.4,99.4
150	2.775	2.759	2.514	2.190	2.980	2.961	3.175	3.472	140-150	1.387	791.0	99.6,99.6
160	3.583	3.614	3.520	3.273	4.023	4.031	4.169	4.240	150-160	1.546	792.6	99.8,99.8
170	4.044	4.098	4.088	3.971	4.458	4.475	4.483	4.441	160-170	1.142	793.7	99.9,99.9
180	4.523	4.590	4.485	4.453	4.557	4.608	4.508	4.471	170-180	0.4155	794.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 769.79 lm

%lum = 96.9%

%lamp = 96.9%

Conical surface Flux(130deg): 786.81 lm

%lum = 99.1%

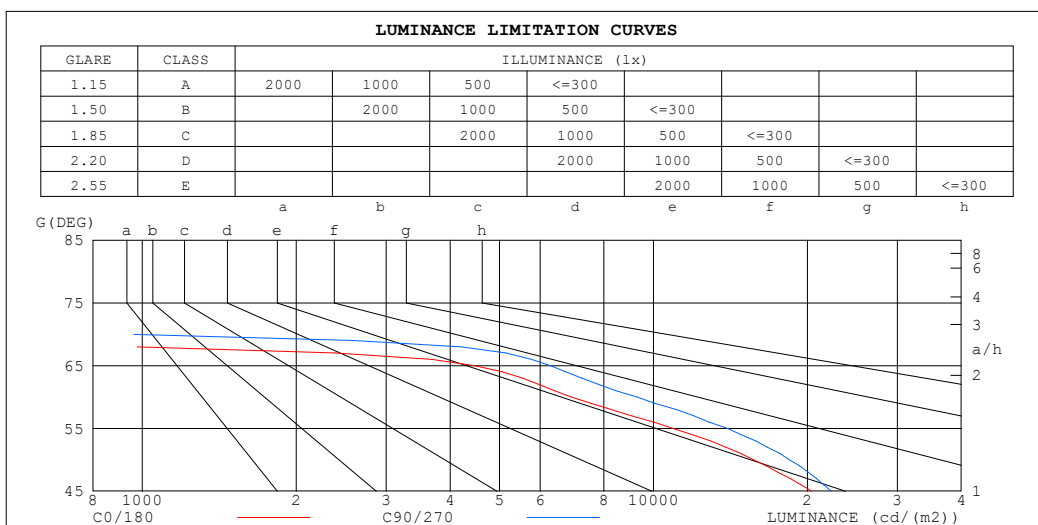
%lamp = 99.1%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:VJC008
 Test Date:2023-07-22

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
 Humidity:65.0%
 Test Distance:7.580m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.67V I:0.0597A P:12.642W PF:0.9592 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:794.134x1 lm		
NAME: DL3833 3000K RA90 38D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 38	Shielding Angle:



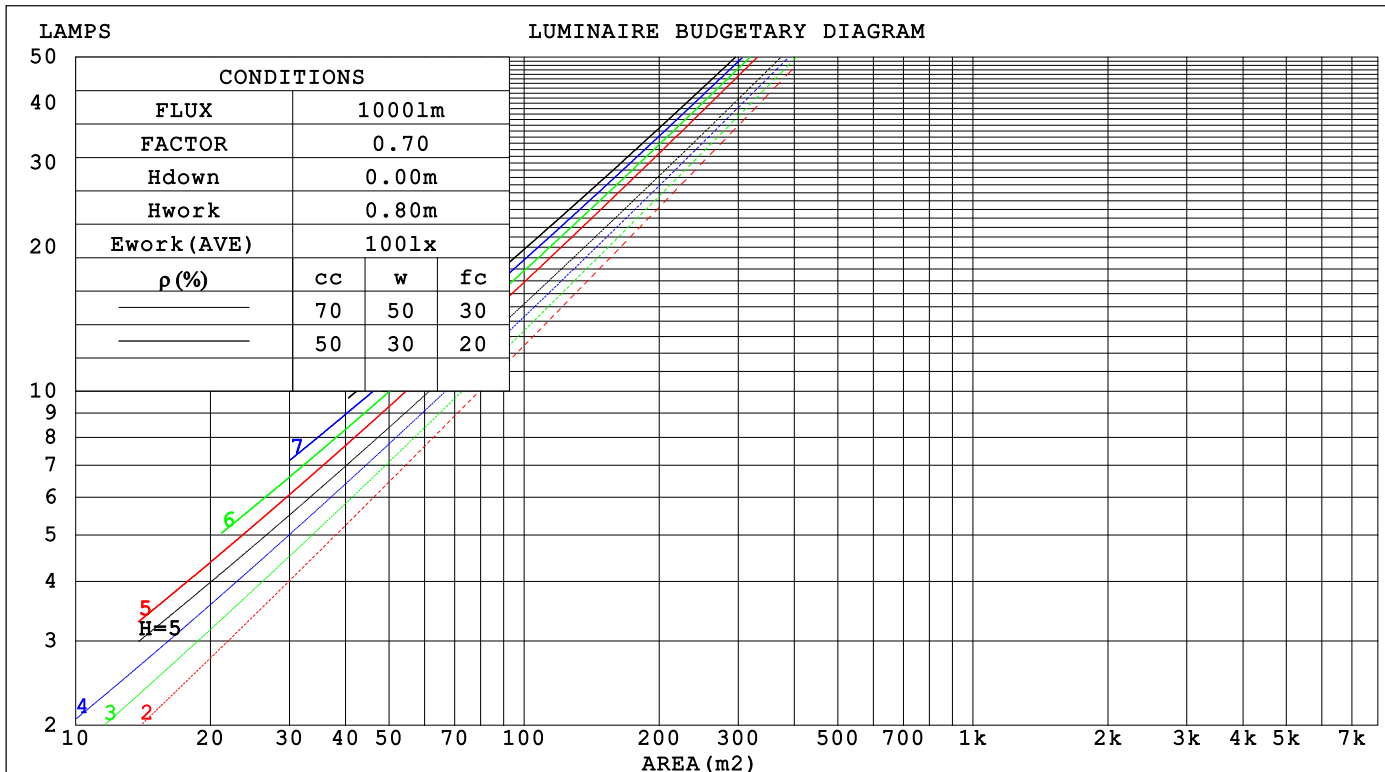
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: VJC008
Test Date: 2023-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.67V I:0.0597A P:12.642W PF:0.9592 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:794.134x1 lm		
NAME: DL3833 3000K RA90 38D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 38	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	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.12	1.09	1.07	1.09	1.07	1.06	1.05	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.05	1.01	.98	1.03	.99	.97	.99	.97	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.99	.95	.91	.98	.94	.90	.95	.92	.89	.93	.90	.87	.90	.88	.86	.85
4.0	.94	.89	.85	.93	.88	.85	.90	.87	.84	.88	.85	.83	.87	.84	.82	.80
5.0	.89	.84	.80	.88	.83	.80	.86	.82	.79	.85	.81	.78	.83	.80	.78	.76
6.0	.85	.79	.76	.84	.79	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.73
7.0	.81	.75	.72	.80	.75	.72	.79	.74	.71	.78	.74	.71	.76	.73	.70	.69
8.0	.77	.72	.68	.76	.72	.68	.75	.71	.68	.74	.70	.68	.73	.70	.67	.66
9.0	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.65	.71	.67	.64	.63
10.0	.71	.66	.62	.70	.65	.62	.69	.65	.62	.69	.65	.62	.68	.64	.62	.60



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.67V I:0.0597A P:12.642W PF:0.9592 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:794.134x1 lm		
NAME: DL3833 3000K RA90 38D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 38			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	.160	.091	.029	.153	.087	.028	.140	.080	.026	.128	.074	.024	.117	.068	.022		
2.0	.151	.083	.025	.145	.080	.025	.135	.075	.023	.125	.070	.022	.115	.065	.021		
3.0	.143	.076	.023	.138	.074	.022	.129	.070	.021	.120	.066	.020	.112	.062	.019		
4.0	.135	.070	.021	.131	.069	.020	.123	.065	.020	.116	.062	.019	.109	.059	.018		
5.0	.129	.066	.019	.125	.064	.019	.118	.062	.018	.112	.059	.018	.106	.057	.017		
6.0	.122	.061	.018	.119	.060	.017	.113	.058	.017	.108	.056	.016	.103	.054	.016		
7.0	.117	.058	.016	.114	.057	.016	.109	.055	.016	.104	.053	.016	.099	.052	.015		
8.0	.112	.055	.015	.109	.054	.015	.105	.052	.015	.100	.051	.015	.096	.049	.014		
9.0	.107	.052	.014	.105	.051	.014	.101	.050	.014	.097	.049	.014	.093	.047	.014		
10.0	.103	.049	.014	.101	.049	.014	.097	.048	.013	.094	.046	.013	.090	.045	.013		

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	.196	.196	.196	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.176	.163	.152	.150	.140	.131	.103	.096	.090	.059	.056	.053	.019	.018	.017		
2.0	.159	.138	.121	.136	.119	.104	.093	.082	.073	.054	.048	.043	.017	.015	.014		
3.0	.146	.119	.098	.125	.103	.085	.086	.071	.060	.050	.042	.035	.016	.014	.012		
4.0	.135	.104	.081	.115	.090	.070	.079	.063	.050	.046	.037	.029	.015	.012	.010		
5.0	.125	.092	.068	.107	.080	.059	.074	.056	.042	.043	.033	.025	.014	.011	.008		
6.0	.117	.083	.058	.101	.072	.051	.069	.050	.036	.040	.030	.021	.013	.010	.007		
7.0	.110	.075	.050	.095	.065	.044	.066	.046	.031	.038	.027	.018	.012	.009	.006		
8.0	.104	.069	.044	.090	.059	.038	.062	.042	.027	.036	.025	.016	.012	.008	.005		
9.0	.099	.063	.039	.085	.055	.034	.059	.039	.024	.034	.023	.014	.011	.007	.005		
10.0	.094	.059	.035	.081	.051	.030	.056	.036	.022	.033	.021	.013	.011	.007	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.67V I:0.0597A P:12.642W PF:0.9592 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:794.134x1 lm										
NAME: DL3833 3000K RA90 38D						TYPE:		WEIGHT:		
SPEC.:						DIM.:		SERIAL No.:		
MFR.: VJC Lighting						SUR.: 38		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	14.5	15.3	14.7	15.5	15.7	16.2	17.0	16.5	17.2	17.4
3H	14.4	15.2	14.7	15.4	15.6	16.1	16.9	16.4	17.1	17.3
4H	14.3	15.0	14.6	15.3	15.5	16.1	16.8	16.3	17.0	17.2
6H	14.2	14.9	14.5	15.1	15.4	16.0	16.6	16.3	16.9	17.1
8H	14.2	14.8	14.5	15.1	15.4	15.9	16.6	16.2	16.8	17.1
12H	14.1	14.8	14.5	15.0	15.3	15.9	16.5	16.2	16.8	17.0
4H 2H	14.4	15.1	14.7	15.4	15.6	16.1	16.8	16.3	17.0	17.2
3H	14.3	14.9	14.6	15.2	15.5	16.0	16.6	16.3	16.9	17.1
4H	14.2	14.8	14.5	15.1	15.4	15.9	16.4	16.2	16.7	17.1
6H	14.1	14.6	14.5	14.9	15.3	15.8	16.3	16.2	16.6	17.0
8H	14.0	14.5	14.4	14.9	15.2	15.7	16.2	16.1	16.5	16.9
12H	14.0	14.4	14.4	14.8	15.2	15.7	16.1	16.1	16.5	16.9
8H 4H	14.0	14.5	14.4	14.9	15.2	15.7	16.2	16.1	16.5	16.9
6H	13.9	14.3	14.4	14.7	15.1	15.6	16.0	16.0	16.4	16.8
8H	13.9	14.2	14.3	14.6	15.1	15.5	15.9	16.0	16.3	16.8
12H	13.8	14.1	14.3	14.6	15.0	15.5	15.8	16.0	16.2	16.7
12H 4H	14.0	14.4	14.4	14.8	15.2	15.7	16.1	16.1	16.5	16.9
6H	13.9	14.2	14.3	14.6	15.1	15.5	15.9	16.0	16.3	16.8
8H	13.8	14.1	14.3	14.6	15.0	15.5	15.8	16.0	16.2	16.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 1.5 / - 2.8					+ 2.0 / - 2.1				
1.5H	+ 0.9 / - 1.6					+ 2.2 / - 1.7				
2.0H	+ 3.0 / - 3.5					+ 2.9 / - 3.8				

CIE Pub.117, 794.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.8)
Area: 0.0011 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.67V I:0.0597A P:12.642W PF:0.9592 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:794.134x1 lm		
NAME: DL3833 3000K RA90 38D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 38	Shielding Angle:

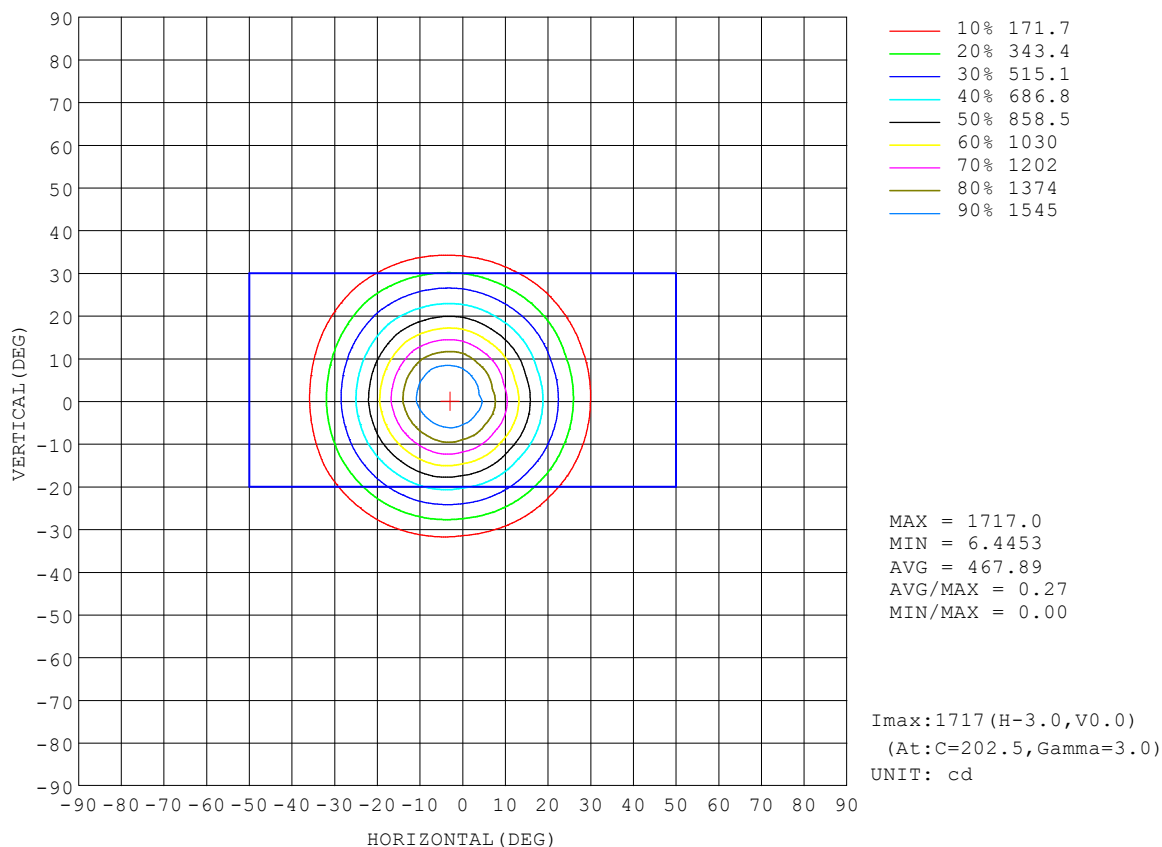
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	88	82	79	76
0.80	96	91	87	95	90	87	94	90	87	83
1.00	100	95	92	99	94	91	98	94	91	87
1.25	104	99	96	103	99	95	101	97	95	90
1.50	107	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	94
2.50	111	107	104	109	106	103	106	103	101	95
3.00	112	109	106	110	107	105	107	105	103	96
4.00	114	111	109	112	110	108	108	106	105	98
5.00	115	113	111	113	111	110	109	108	106	99
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: VJC008
Test Date: 2023-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.67V I:0.0597A P:12.642W PF:0.9592 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:794.134x1 lm		
NAME: DL3833 3000K RA90 38D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 38	Shielding Angle:

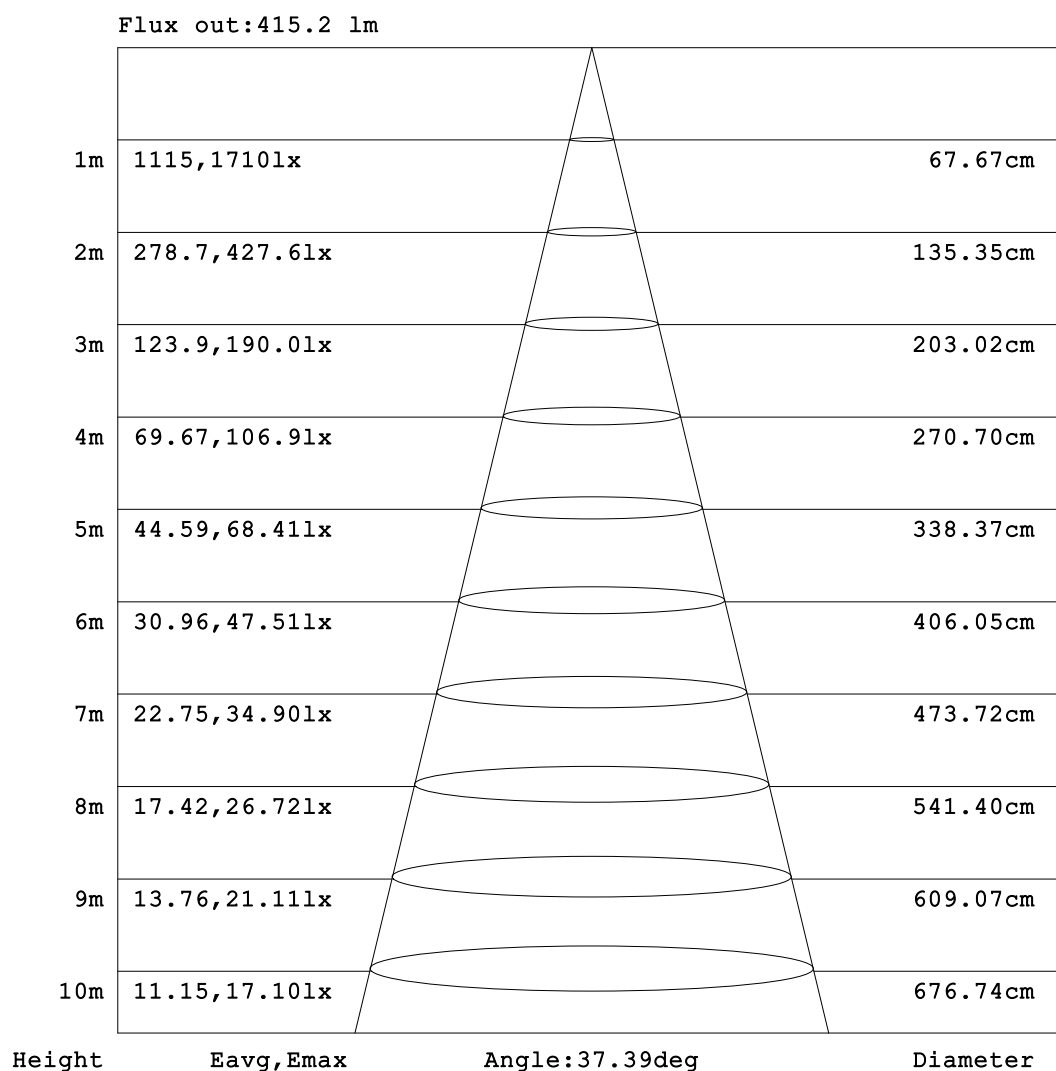


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.67V I:0.0597A P:12.642W PF:0.9592 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:794.134x1 lm		
NAME: DL3833 3000K RA90 38D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 38	Shielding Angle:

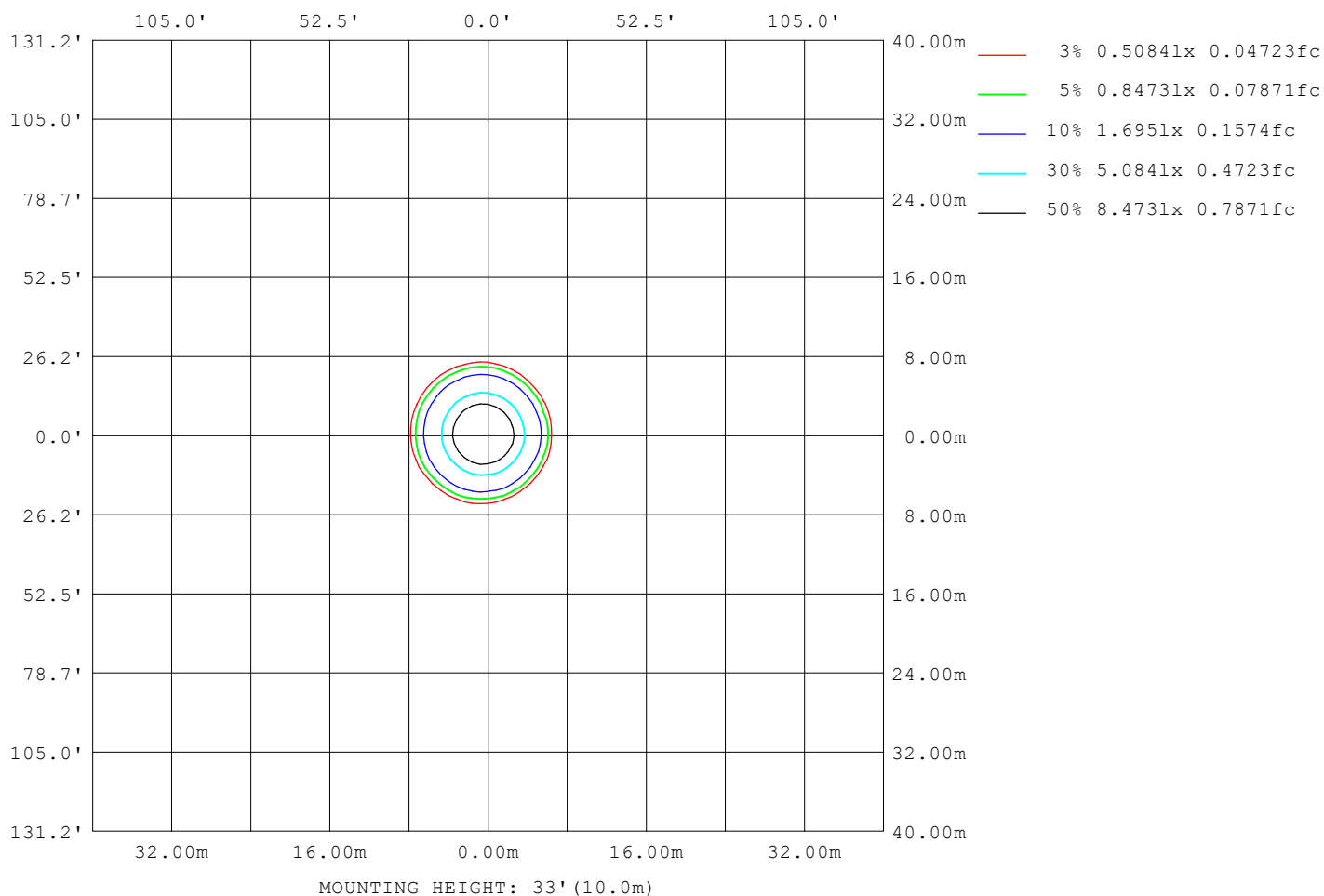


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:220.67V I:0.0597A P:12.642W PF:0.9592 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:794.134x1 lm		
NAME: DL3833 3000K RA90 38D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 38	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: VJC008
Test Date: 2023-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.67V I:0.0597A P:12.642W PF:0.9592 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:794.134x1 lm		
NAME: DL3833 3000K RA90 38D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 38	Shielding Angle:

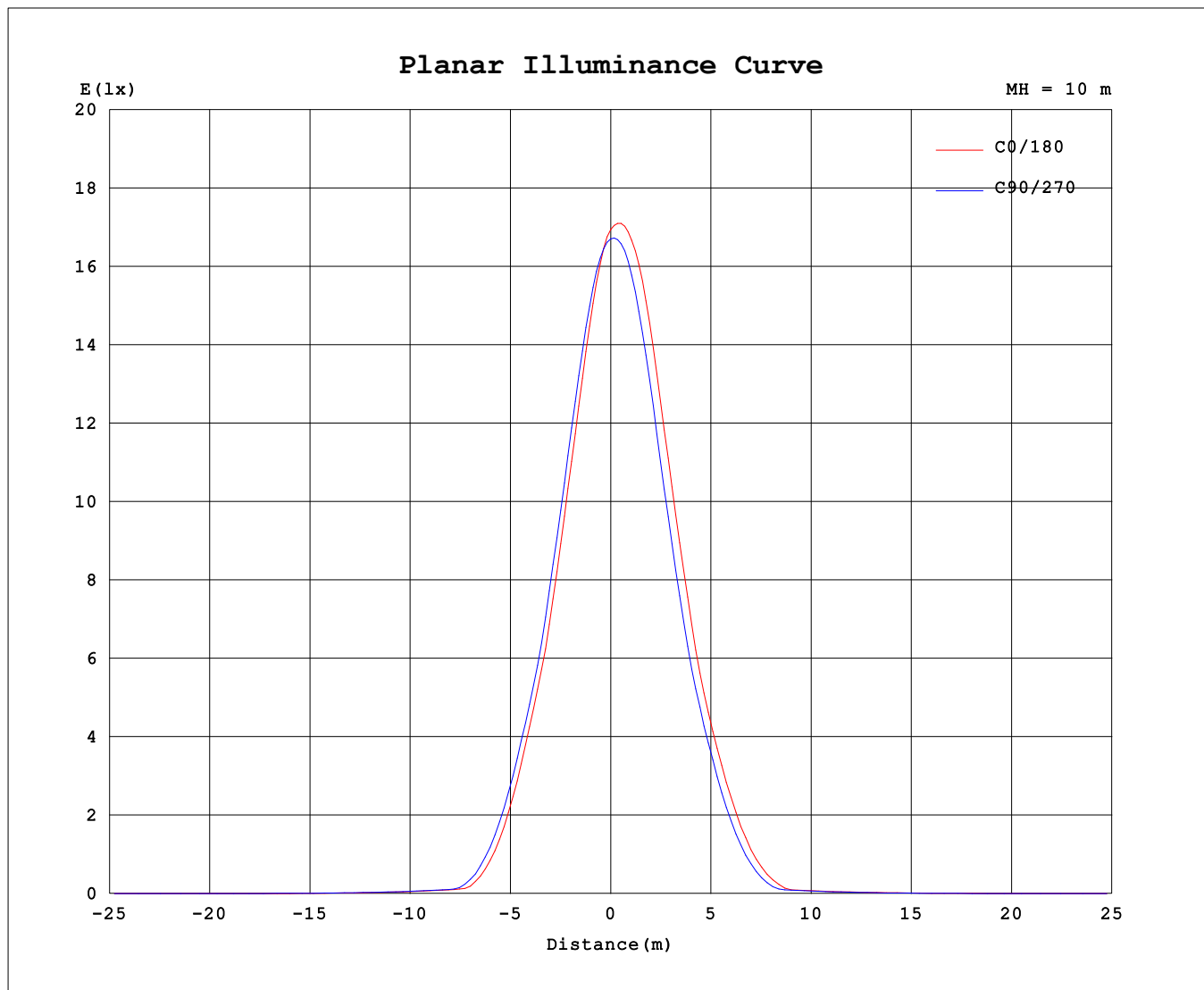
AvgL	cd/m2
L_0~180 (65) av	6835
L_0~180 (75) av	533
L_0~180 (85) av	211
L_90~270 (65) av	6639
L_90~270 (75) av	501
L_90~270 (85) av	190
L_45 (65) av	6865
L_45 (75) av	518
L_45 (85) av	202

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:VJC008
Test Date:2023-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3 °C
Operators: VJC008
Test Date: 2023-07-22

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity: 65.0%
Test Distance: 7.580m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.67V I:0.0597A P:12.642W PF:0.9592 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:794.134x1 lm		
NAME: DL3833 3000K RA90 38D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 38	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	1675	1675	1675	1675	1675	1675	1675	1675	1675	1675	1675	1675	1675	1675	1675	1675			
5	1506	1507	1508	1538	1568	1613	1645	1674	1688	1692	1688	1665	1635	1591	1555	1521			
10	1215	1217	1219	1268	1319	1402	1464	1534	1565	1575	1564	1505	1442	1353	1298	1238			
15	902	899	903	955	1011	1102	1174	1261	1297	1305	1293	1220	1147	1051	990	927			
20	622	617	621	661	704	788	862	946	983	988	976	908	839	750	692	641			
25	382	374	379	418	466	531	588	653	679	684	679	629	576	512	457	405			
30	167	162	164	196	231	291	347	406	432	444	437	394	341	277	229	189			
35	34.9	31.8	33.2	47.5	67.5	103	138	187	203	211	208	179	140	96.1	67.2	44.2			
40	20.1	19.8	19.9	20.8	21.7	23.2	26.5	41.8	52.0	58.0	55.3	39.2	26.7	23.2	21.9	20.9			
45	15.7	15.3	15.5	16.5	17.4	18.5	19.4	20.3	20.8	21.0	21.1	20.3	19.5	18.5	17.5	16.6			
50	11.0	10.9	11.0	12.0	13.1	14.5	15.1	16.0	16.4	16.5	16.5	15.8	14.7	13.5	12.5	11.7			
55	6.82	6.80	6.88	7.69	8.83	10.2	11.0	11.6	11.6	11.7	11.6	11.0	9.91	8.96	8.17	7.30			
60	3.76	3.83	3.87	4.34	5.13	6.17	6.91	7.58	7.37	7.25	7.13	6.64	5.89	5.19	4.48	4.01			
65	2.06	2.15	2.15	2.53	2.93	3.53	4.00	4.50	4.30	4.17	4.03	3.69	3.24	3.00	2.59	2.16			
70	0.20	0.17	0.20	0.19	0.36	1.42	2.21	2.77	2.61	2.45	2.32	2.08	1.62	0.82	0.26	0.20			
75	0.10	0.08	0.11	0.09	0.14	0.13	0.19	0.19	0.20	0.23	0.20	0.20	0.15	0.14	0.10	0.11			
80	0.05	0.02	0.05	0.03	0.07	0.06	0.10	0.10	0.10	0.12	0.09	0.10	0.06	0.07	0.03	0.05			
85	0.01	0.00	0.01	0.00	0.02	0.00	0.04	0.03	0.03	0.06	0.02	0.04	0.01	0.02	0.00	0.01			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.02	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.02	0.04	0.01	0.03	0.01	0.03	0.00	0.02	0.01	0.00	0.00	0.00	0.01	0.00	0.01	0.00			
105	0.03	0.06	0.03	0.05	0.03	0.04	0.02	0.03	0.02	0.00	0.02	0.00	0.02	0.00	0.03	0.01			
110	0.05	0.08	0.05	0.08	0.05	0.06	0.03	0.05	0.03	0.01	0.03	0.01	0.04	0.03	0.06	0.05			
115	0.10	0.13	0.10	0.11	0.08	0.09	0.06	0.08	0.08	0.05	0.07	0.06	0.10	0.10	0.15	0.17			
120	0.20	0.22	0.19	0.20	0.14	0.15	0.11	0.11	0.18	0.15	0.17	0.17	0.23	0.26	0.34	0.37			
125	0.38	0.40	0.38	0.36	0.29	0.26	0.20	0.20	0.37	0.34	0.36	0.38	0.46	0.52	0.62	0.69			
130	0.67	0.70	0.66	0.62	0.53	0.47	0.39	0.37	0.68	0.64	0.67	0.70	0.79	0.89	1.02	1.13			
135	1.07	1.10	1.06	0.99	0.87	0.77	0.68	0.63	1.10	1.05	1.08	1.14	1.26	1.40	1.56	1.70			
140	1.60	1.63	1.58	1.49	1.35	1.21	1.08	1.00	1.66	1.61	1.64	1.71	1.86	2.02	2.20	2.35			
145	2.19	2.22	2.17	2.07	1.91	1.76	1.60	1.51	2.31	2.25	2.28	2.37	2.52	2.69	2.87	3.01			
150	2.78	2.80	2.76	2.67	2.51	2.35	2.19	2.09	2.98	2.93	2.96	3.04	3.18	3.32	3.47	3.58			
155	3.25	3.28	3.25	3.20	3.08	2.93	2.78	2.69	3.58	3.52	3.57	3.63	3.75	3.84	3.95	4.00			
160	3.58	3.63	3.61	3.61	3.52	3.41	3.27	3.21	4.02	3.98	4.03	4.06	4.17	4.19	4.24	4.23			
165	3.83	3.86	3.89	3.91	3.85	3.77	3.67	3.62	4.29	4.26	4.31	4.32	4.39	4.37	4.38	4.35			
170	4.04	4.10	4.10	4.14	4.09	4.04	3.97	3.96	4.46	4.45	4.47	4.44	4.48	4.44	4.44	4.40			
175	4.28	4.34	4.35	4.35	4.26	4.27	4.24	4.23	4.55	4.56	4.60	4.52	4.52	4.49	4.49	4.41			
180	4.52	4.57	4.59	4.54	4.48	4.47	4.45	4.41	4.56	4.58	4.61	4.53	4.51	4.47	4.47	4.41			

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