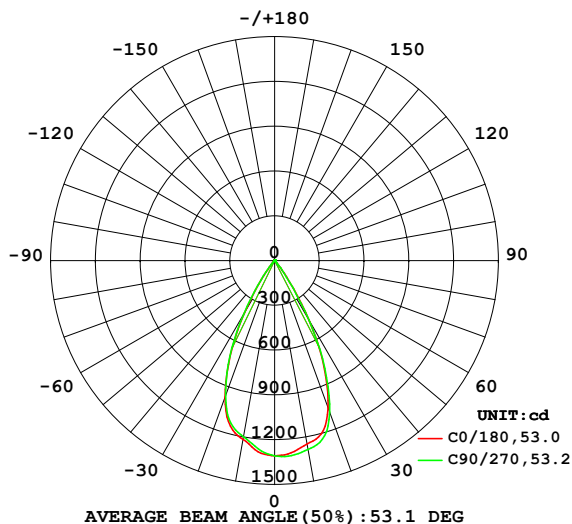


LUMINAIRE PHOTOMETRIC TEST REPORT

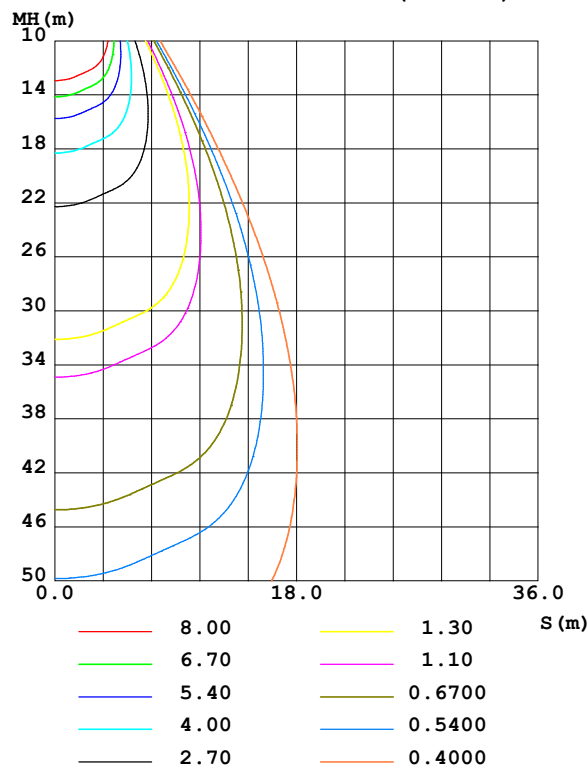
Test:U:220.60V I:0.0737A P:15.520W PF:0.9544 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:932.06x1 lm		
NAME: DL3788 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 60.06 lm/W			
MODEL	DL3788 2700K RA90 50D	I _{max} (cd)	1313	S/MH(C0/180)	0.77
NOMINAL POWER(W)	15	LOR(%)	100.0	S/MH(C90/270)	0.78
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	932.06	η UP,DN(C0-180)	0.3,51.3
NOMINAL FLUX(lm)	932.06	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,48.0
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	220	η down (%)	99.2	CIBSE SHR MAX	0.80

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: Lihong yun
Test Date: 2023-04-21

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	1249	1280	1285	1258	1217	1198	1199	1226	0- 10	121.2	121.2	13,13
20	1049	1093	1080	1046	974.2	982.5	964.5	1019	10- 20	328.4	449.7	48.2,48.2
30	470.2	472.1	463.7	442.5	404.7	429.0	419.7	465.6	20- 30	339.1	788.7	84.6,84.6
40	48.59	55.16	51.94	49.60	46.50	43.06	46.25	45.70	30- 40	119.0	907.8	97.4,97.4
50	5.983	7.107	6.636	6.450	5.994	4.987	5.227	5.375	40- 50	15.22	923.0	99,99
60	0.3026	0.4992	0.4104	0.3849	0.3474	0.2449	0.2140	0.2145	50- 60	1.805	924.8	99.2,99.2
70	0.0776	0.1106	0.1258	0.1180	0.0797	0.0473	0.0845	0.0763	60- 70	0.1518	924.9	99.2,99.2
80	0.0599	0.0856	0.1120	0.0948	0.0577	0.0247	0.0183	0.0254	70- 80	0.0786	925.0	99.2,99.2
90	0.0067	0.0203	0.0389	0.0347	0.0044	0	0	0	80- 90	0.0428	925.1	99.2,99.2
100	0.0111	0.0203	0.0388	0.0324	0.0111	0.0068	0.0069	0.0070	90-100	0.0165	925.1	99.3,99.3
110	0.0421	0.0383	0.0434	0.0416	0.0667	0.0700	0.0642	0.0649	100-110	0.0315	925.1	99.3,99.3
120	0.1593	0.1575	0.1620	0.1639	0.4220	0.4311	0.4211	0.4053	110-120	0.1417	925.2	99.3,99.3
130	0.6512	0.6572	0.6663	0.6882	1.285	1.306	1.297	1.243	120-130	0.5250	925.8	99.3,99.3
140	1.609	1.592	1.614	1.671	2.514	2.557	2.547	2.462	130-140	1.147	926.9	99.4,99.4
150	2.729	2.681	2.748	2.804	3.776	3.828	3.808	3.713	140-150	1.666	928.6	99.6,99.6
160	3.621	3.596	3.692	3.727	4.640	4.657	4.666	4.579	150-160	1.716	930.3	99.8,99.8
170	4.523	4.558	4.626	4.633	5.268	5.230	5.208	5.181	160-170	1.269	931.6	99.9,99.9
180	5.407	5.468	5.411	5.476	5.465	5.499	5.445	5.490	170-180	0.4911	932.1	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 918.58 lm

%lum = 98.6%

%lamp = 98.6%

Conical surface Flux(130deg): 924.88 lm

%lum = 99.2%

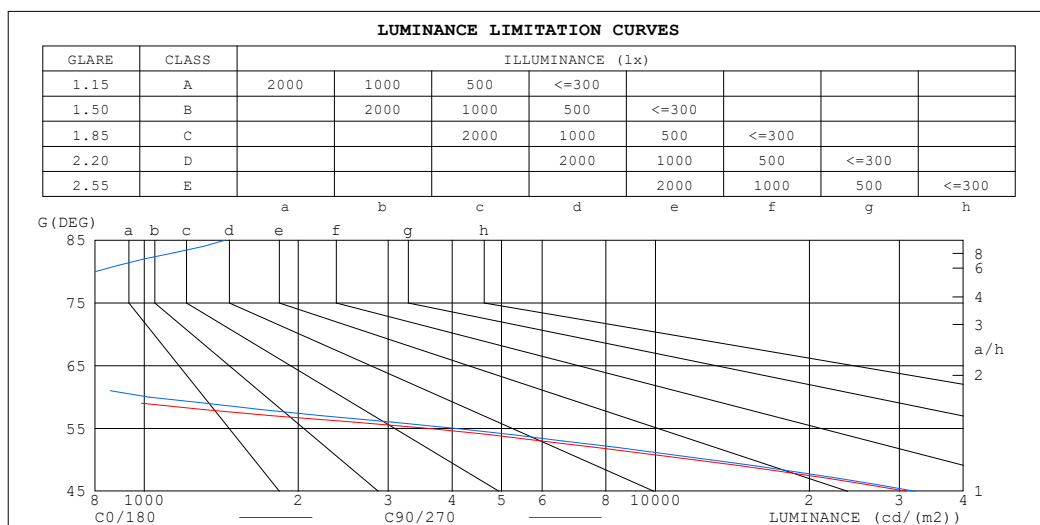
%lamp = 99.2%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Lihong yun
 Test Date:2023-04-21

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:220.60V I:0.0737A P:15.520W PF:0.9544 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:932.06x1 lm		
NAME: DL3788 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:



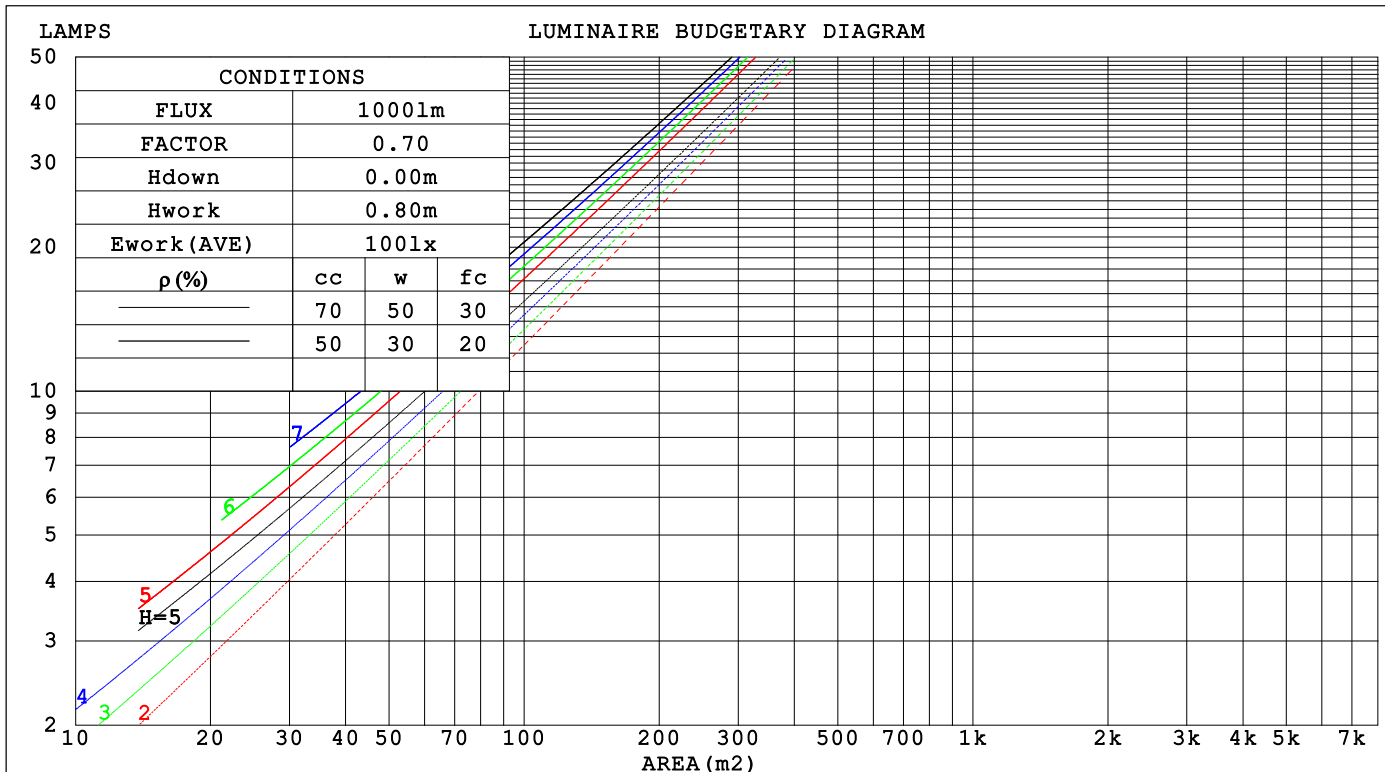
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Lihong yun
Test Date: 2023-04-21

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:220.60V I:0.0737A P:15.520W PF:0.9544 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:932.06x1 lm		
NAME: DL3788 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.00	.99	.98	.97	.96	.94
2.0	1.04	1.01	.98	1.03	.99	.97	.99	.97	.94	.96	.94	.92	.94	.92	.90	.89
3.0	.98	.94	.90	.97	.93	.89	.94	.91	.88	.92	.89	.86	.89	.87	.85	.84
4.0	.93	.88	.84	.92	.87	.83	.89	.85	.82	.87	.84	.81	.85	.83	.80	.79
5.0	.88	.82	.78	.87	.82	.78	.85	.81	.77	.83	.79	.77	.82	.78	.76	.74
6.0	.83	.78	.74	.82	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.72	.70
7.0	.79	.73	.69	.78	.73	.69	.77	.72	.69	.75	.71	.68	.74	.71	.68	.67
8.0	.75	.69	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.63
9.0	.71	.66	.62	.71	.65	.62	.70	.65	.62	.69	.64	.61	.68	.64	.61	.60
10.0	.68	.62	.59	.67	.62	.59	.66	.62	.59	.66	.61	.58	.65	.61	.58	.57



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-04-21

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:220.60V I:0.0737A P:15.520W PF:0.9544 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:932.06x1 lm		
NAME: DL3788 2700K RA90 50D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 32			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	.164	.093	.030	.157	.090	.028	.144	.083	.026	.132	.076	.024	.121	.070	.023		
2.0	.156	.085	.026	.150	.083	.025	.139	.077	.024	.129	.072	.023	.120	.068	.021		
3.0	.148	.079	.024	.143	.076	.023	.133	.072	.022	.125	.068	.021	.117	.065	.020		
4.0	.140	.073	.021	.136	.071	.021	.128	.068	.020	.121	.065	.020	.114	.062	.019		
5.0	.134	.068	.020	.130	.067	.019	.123	.064	.019	.117	.062	.018	.111	.059	.018		
6.0	.128	.064	.018	.125	.063	.018	.119	.061	.018	.113	.059	.017	.108	.057	.017		
7.0	.122	.061	.017	.120	.060	.017	.114	.058	.017	.109	.056	.016	.104	.054	.016		
8.0	.117	.057	.016	.115	.057	.016	.110	.055	.016	.106	.054	.015	.101	.052	.015		
9.0	.113	.055	.015	.111	.054	.015	.106	.053	.015	.102	.051	.015	.098	.050	.014		
10.0	.109	.052	.014	.107	.051	.014	.103	.050	.014	.099	.049	.014	.095	.048	.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	.196	.196	.196	.168	.168	.168	.114	.114	.114	.066	.066	.066	.021	.021	.021		
1.0	.176	.163	.152	.151	.140	.131	.103	.096	.090	.059	.056	.052	.019	.018	.017		
2.0	.160	.138	.120	.137	.119	.104	.094	.082	.073	.054	.048	.043	.017	.016	.014		
3.0	.147	.119	.097	.126	.103	.084	.086	.072	.059	.050	.042	.035	.016	.014	.011		
4.0	.136	.104	.080	.117	.090	.070	.080	.063	.049	.046	.037	.029	.015	.012	.010		
5.0	.127	.093	.067	.109	.080	.059	.075	.056	.041	.043	.033	.025	.014	.011	.008		
6.0	.119	.083	.057	.102	.072	.050	.071	.050	.035	.041	.030	.021	.013	.010	.007		
7.0	.113	.075	.050	.097	.065	.043	.067	.046	.031	.039	.027	.018	.013	.009	.006		
8.0	.107	.069	.043	.092	.060	.038	.064	.042	.027	.037	.025	.016	.012	.008	.005		
9.0	.102	.064	.038	.088	.055	.033	.061	.039	.024	.035	.023	.014	.011	.008	.005		
10.0	.097	.059	.034	.084	.052	.030	.058	.036	.021	.034	.021	.013	.011	.007	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-04-21

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:220.60V I:0.0737A P:15.520W PF:0.9544 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:932.06x1 lm											
NAME: DL3788 2700K RA90 50D						TYPE:			WEIGHT:		
SPEC.:						DIM.:			SERIAL No.:		
MFR.: VJC Lighting						SUR.: 32			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		22.1	22.9	22.3	23.1	23.3	21.7	22.6	22.0	22.8	22.9
3H		21.9	22.7	22.1	22.9	23.1	21.6	22.4	21.8	22.6	22.8
4H		21.8	22.5	22.1	22.8	23.0	21.5	22.2	21.8	22.4	22.7
6H		21.7	22.4	22.0	22.7	22.9	21.4	22.1	21.7	22.3	22.6
8H		21.7	22.3	22.0	22.6	22.9	21.3	22.0	21.7	22.3	22.6
12H		21.6	22.3	21.9	22.5	22.8	21.3	21.9	21.6	22.2	22.5
4H 2H		21.8	22.5	22.1	22.8	23.0	21.5	22.2	21.8	22.5	22.7
3H		21.6	22.3	21.9	22.5	22.8	21.3	21.9	21.6	22.2	22.5
4H		21.5	22.1	21.9	22.4	22.7	21.2	21.8	21.6	22.1	22.4
6H		21.4	21.9	21.8	22.3	22.6	21.1	21.6	21.5	22.0	22.3
8H		21.4	21.8	21.8	22.2	22.6	21.1	21.5	21.5	21.9	22.3
12H		21.3	21.7	21.7	22.1	22.5	21.0	21.4	21.4	21.8	22.2
8H 4H		21.4	21.8	21.8	22.2	22.6	21.1	21.5	21.5	21.9	22.3
6H		21.3	21.6	21.7	22.1	22.5	20.9	21.3	21.4	21.7	22.2
8H		21.2	21.5	21.7	22.0	22.4	20.9	21.2	21.3	21.7	22.1
12H		21.1	21.4	21.6	21.9	22.4	20.8	21.1	21.3	21.6	22.1
12H 4H		21.3	21.7	21.7	22.1	22.5	21.0	21.4	21.4	21.8	22.2
6H		21.2	21.5	21.7	22.0	22.4	20.9	21.2	21.3	21.7	22.1
8H		21.1	21.4	21.6	21.9	22.4	20.8	21.1	21.3	21.6	22.1
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 4.2 / -21.9					+ 4.1 / -20.2				
1.5H		+ 6.7 / -16.0					+ 6.6 / -15.6				
2.0H		+ 6.9 / -16.2					+ 6.9 / -14.6				

CIE Pub.117, 932.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.2)
Area: 0.0008 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-04-21

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:220.60V I:0.0737A P:15.520W PF:0.9544 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:932.06x1 lm		
NAME: DL3788 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:

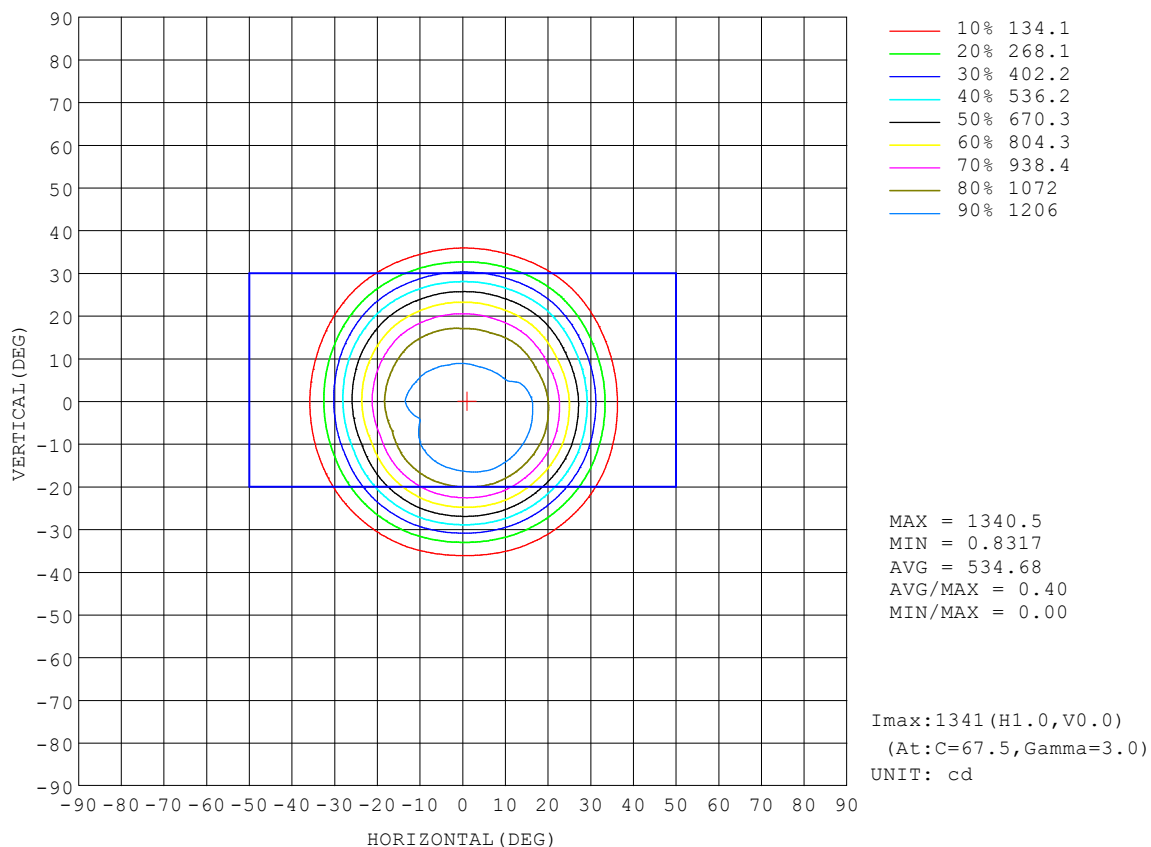
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	81	89	84	81	89	84	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	93	100	95	92	98	95	92	88
1.25	105	100	97	104	99	96	102	98	95	91
1.50	107	103	100	106	102	99	104	100	98	94
2.00	109	106	103	108	104	102	105	102	100	95
2.50	111	107	105	109	106	104	106	104	102	96
3.00	112	109	107	110	108	105	107	105	103	97
4.00	114	112	110	112	110	108	108	107	105	98
5.00	115	113	112	113	111	110	109	108	107	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℃
Operators: Lihong yun
Test Date: 2023-04-21

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:220.60V I:0.0737A P:15.520W PF:0.9544 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:932.06x1 lm		
NAME: DL3788 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:

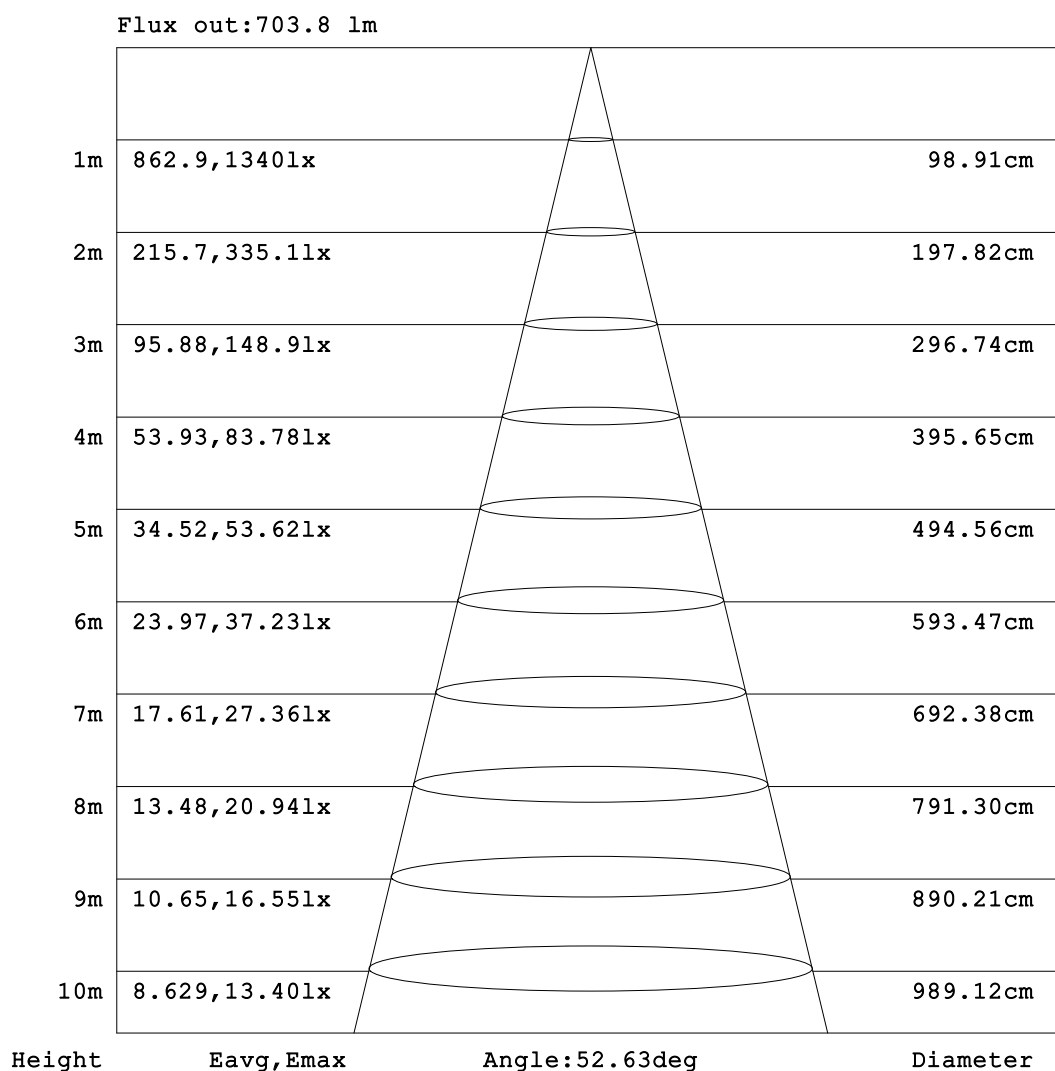


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.60V I:0.0737A P:15.520W PF:0.9544 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:932.06x1 lm		
NAME: DL3788 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:



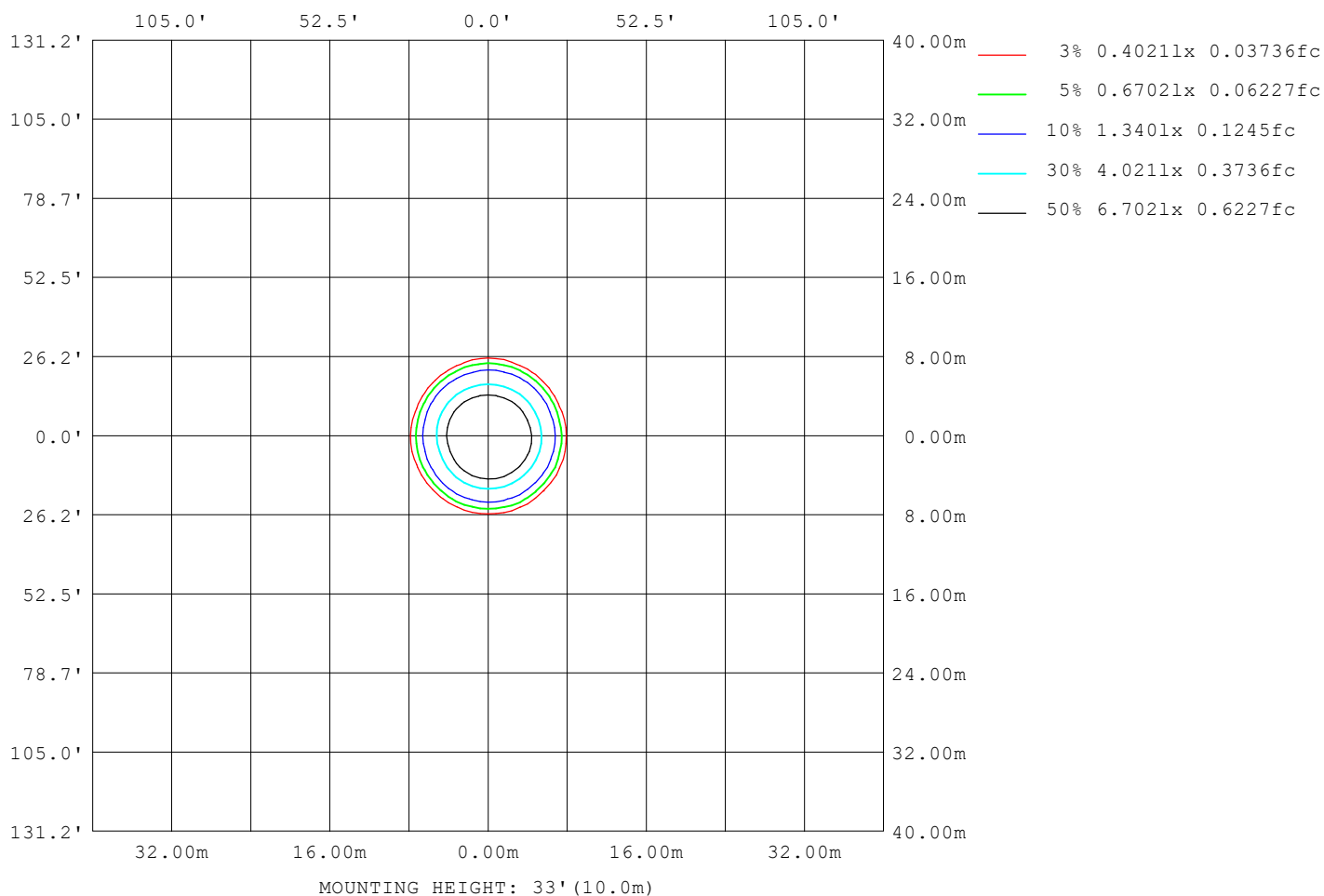
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Lihong yun
Test Date: 2023-04-21

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:220.60V I:0.0737A P:15.520W PF:0.9544 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:932.06x1 lm		
NAME: DL3788 2700K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 32	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Lihong yun
Test Date: 2023-04-21

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:220.60V I:0.0737A P:15.520W PF:0.9544 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:932.06x1 lm		
NAME: DL3788 2700K RA90 50D	TYPE:	WEIGHT:
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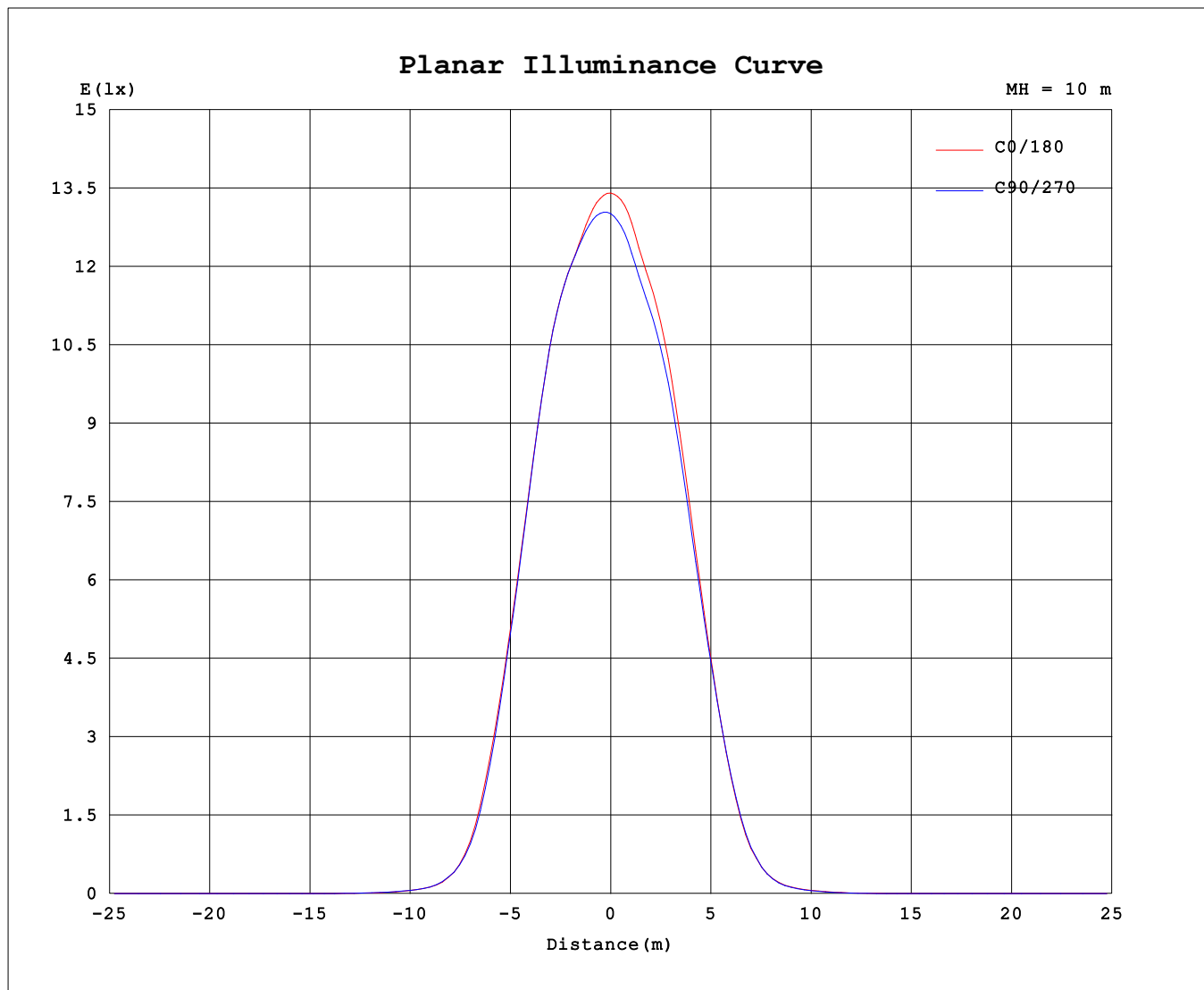
AvgL	cd/m2
L_0~180 (65) av	390
L_0~180 (75) av	284
L_0~180 (85) av	572
L_90~270 (65) av	436
L_90~270 (75) av	436
L_90~270 (85) av	722
L_45 (65) av	407
L_45 (75) av	340
L_45 (85) av	582

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
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Operators:Lihong yun
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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



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Test Speed: HIGH
Temperature: 25.3 °C
Operators: Lihong yun
Test Date: 2023-04-21

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:220.60V I:0.0737A P:15.520W PF:0.9544 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:932.06x1 lm																	
NAME: DL3788 2700K RA90 50D									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: VJC Lighting									SUR.: 32						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	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307	1307			
5	1292	1302	1307	1311	1311	1309	1301	1293	1284	1273	1268	1263	1267	1271	1280	1286			
10	1249	1268	1280	1286	1285	1278	1258	1237	1217	1204	1198	1197	1199	1208	1226	1241			
15	1204	1227	1248	1254	1240	1232	1212	1180	1148	1140	1146	1141	1130	1145	1183	1207			
20	1049	1083	1093	1098	1080	1072	1046	1001	974	978	983	968	965	978	1019	1042			
25	784	812	804	809	797	792	762	720	707	721	726	711	711	725	762	772			
30	470	485	472	474	464	465	443	413	405	421	429	417	420	433	466	465			
35	179	187	184	182	175	176	167	160	154	151	160	155	163	166	175	175			
40	48.6	53.9	55.2	55.7	51.9	51.8	49.6	49.3	46.5	42.6	43.1	43.2	46.2	45.4	45.7	46.0			
45	17.1	19.0	19.7	19.7	18.3	17.9	18.0	18.5	17.6	15.8	15.6	15.7	16.5	16.2	16.2	15.7			
50	5.98	6.86	7.11	7.25	6.64	6.35	6.45	6.46	5.99	5.09	4.99	4.94	5.23	5.11	5.37	5.44			
55	1.62	1.88	1.84	2.03	1.88	1.81	1.69	1.69	1.59	1.24	1.21	1.15	1.26	1.15	1.29	1.37			
60	0.30	0.34	0.50	0.41	0.41	0.39	0.38	0.38	0.35	0.30	0.24	0.23	0.21	0.24	0.21	0.26			
65	0.12	0.13	0.18	0.16	0.19	0.16	0.18	0.15	0.14	0.13	0.09	0.12	0.10	0.13	0.10	0.12			
70	0.08	0.07	0.11	0.10	0.13	0.11	0.12	0.09	0.08	0.08	0.05	0.08	0.08	0.12	0.08	0.08			
75	0.06	0.05	0.09	0.08	0.11	0.10	0.10	0.07	0.06	0.06	0.03	0.08	0.07	0.10	0.06	0.06			
80	0.06	0.05	0.09	0.08	0.11	0.11	0.09	0.07	0.06	0.06	0.02	0.05	0.02	0.05	0.03	0.06			
85	0.05	0.04	0.07	0.06	0.10	0.08	0.08	0.04	0.03	0.04	0.00	0.02	0.00	0.02	0.00	0.03			
90	0.01	0.01	0.02	0.03	0.04	0.04	0.03	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.01	0.02	0.02	0.04	0.04	0.04	0.03	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.01	0.03	0.02	0.04	0.04	0.04	0.03	0.05	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.00			
105	0.02	0.05	0.02	0.05	0.04	0.06	0.03	0.05	0.03	0.00	0.02	0.00	0.02	0.00	0.02	0.00			
110	0.04	0.06	0.04	0.06	0.04	0.06	0.04	0.07	0.07	0.04	0.07	0.05	0.06	0.04	0.06	0.04			
115	0.07	0.09	0.07	0.10	0.08	0.11	0.07	0.10	0.19	0.16	0.19	0.17	0.19	0.16	0.18	0.15			
120	0.16	0.18	0.16	0.18	0.16	0.19	0.16	0.19	0.42	0.41	0.43	0.41	0.42	0.40	0.41	0.37			
125	0.34	0.36	0.35	0.37	0.35	0.38	0.37	0.39	0.79	0.78	0.80	0.79	0.79	0.77	0.76	0.73			
130	0.65	0.67	0.66	0.67	0.67	0.69	0.69	0.72	1.29	1.29	1.31	1.30	1.30	1.27	1.24	1.20			
135	1.08	1.08	1.08	1.10	1.09	1.12	1.13	1.17	1.86	1.88	1.90	1.89	1.89	1.86	1.82	1.78			
140	1.61	1.61	1.59	1.61	1.61	1.65	1.67	1.72	2.51	2.53	2.56	2.55	2.55	2.50	2.46	2.42			
145	2.18	2.16	2.14	2.17	2.19	2.22	2.25	2.30	3.17	3.18	3.22	3.21	3.20	3.15	3.12	3.07			
150	2.73	2.71	2.68	2.72	2.75	2.79	2.80	2.88	3.78	3.78	3.83	3.82	3.81	3.74	3.71	3.66			
155	3.21	3.20	3.16	3.22	3.25	3.29	3.29	3.37	4.27	4.26	4.31	4.30	4.30	4.23	4.20	4.16			
160	3.62	3.61	3.60	3.67	3.69	3.72	3.73	3.78	4.64	4.61	4.66	4.63	4.67	4.60	4.58	4.54			
165	4.04	4.05	4.05	4.14	4.14	4.18	4.17	4.21	4.95	4.91	4.95	4.90	4.95	4.89	4.88	4.86			
170	4.52	4.56	4.56	4.65	4.63	4.64	4.63	4.71	5.27	5.23	5.23	5.16	5.21	5.17	5.18	5.14			
175	5.02	5.10	5.10	5.13	5.06	5.11	5.14	5.18	5.47	5.46	5.50	5.39	5.43	5.42	5.46	5.39			
180	5.41	5.47	5.47	5.45	5.41	5.45	5.48	5.48	5.46	5.45	5.50	5.42	5.44	5.45	5.49	5.46			

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