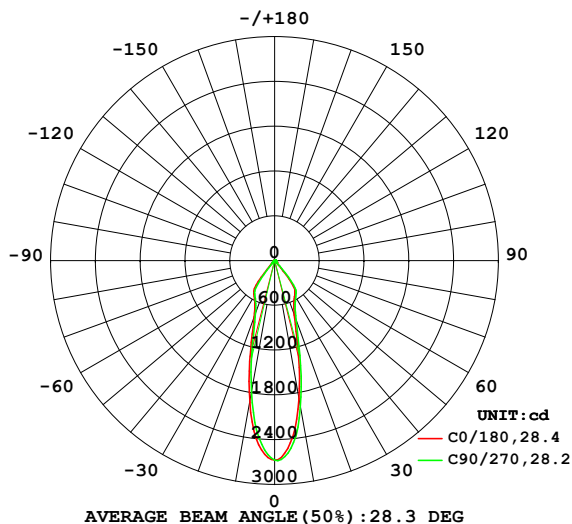


LUMINAIRE PHOTOMETRIC TEST REPORT

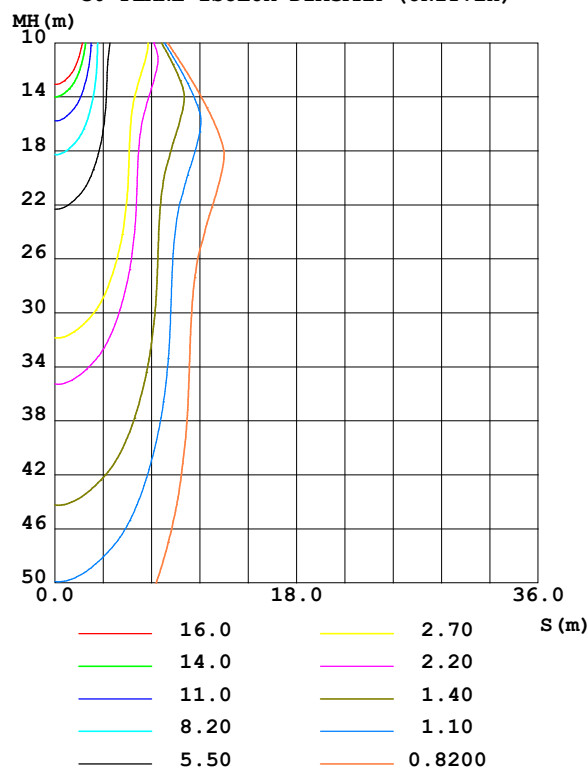
Test:U:220.56V I:0.0724A P:15.564W PF:0.9753 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1236.64x1 lm		
NAME: DL3717 3000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 72	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 79.46 lm/W			
MODEL	DL3717 3000K RA90 24D	I _{max} (cd)	2681	S/MH (C0/180)	0.48
NOMINAL POWER (W)	15	LOR (%)	100.0	S/MH (C90/270)	0.45
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	1236.6	η UP, DN (C0-180)	0.3, 52.3
NOMINAL FLUX (lm)	1236.64	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.4, 47.0
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	η down (%)	99.3	CIBSE SHR MAX	0.50

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: 2023-03-15

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	1882	1906	1998	2052	1924	1901	1794	1754	0- 10	216.9	216.9	17.5,17.5
20	776.2	801.4	846.2	864.8	806.2	788.6	756.4	736.0	10- 20	344.6	561.5	45.4,45.4
30	540.4	547.6	567.0	575.7	551.0	544.3	535.2	526.8	20- 30	294.6	856.0	69.2,69.2
40	180.0	220.8	288.7	325.4	219.2	178.8	125.7	103.1	30- 40	268.1	1124	90.9,90.9
50	39.17	38.25	39.79	41.13	38.09	39.26	36.44	36.34	40- 50	56.76	1181	95.5,95.5
60	21.29	21.44	22.21	22.85	20.92	21.11	19.40	19.33	50- 60	25.84	1207	97.6,97.6
70	7.513	7.793	8.421	8.784	8.034	7.765	7.154	6.821	60- 70	14.07	1221	98.7,98.7
80	2.684	2.837	3.241	3.472	2.993	2.806	2.444	2.283	70- 80	5.395	1226	99.2,99.2
90	0.0514	0.0555	0.1738	0.2630	0.0533	0.0497	0.0571	0.0554	80- 90	1.364	1228	99.3,99.3
100	0.0687	0.0655	0.0617	0.0576	0.0978	0.0950	0.1052	0.1061	90-100	0.0711	1228	99.3,99.3
110	0.1508	0.1422	0.1324	0.1267	0.2890	0.3031	0.3479	0.3716	100-110	0.1488	1228	99.3,99.3
120	0.4879	0.4535	0.4109	0.3960	0.7688	0.8002	0.8738	0.9043	110-120	0.4090	1228	99.3,99.3
130	1.038	0.9931	0.9272	0.9052	1.564	1.616	1.729	1.781	120-130	0.8491	1229	99.4,99.4
140	1.915	1.855	1.766	1.723	2.975	3.033	3.168	3.225	130-140	1.420	1230	99.5,99.5
150	3.324	3.237	3.155	3.083	4.622	4.646	4.797	4.801	140-150	1.990	1232	99.7,99.7
160	4.728	4.668	4.613	4.567	5.689	5.711	5.793	5.727	150-160	2.116	1235	99.8,99.8
170	5.392	5.362	5.405	5.396	5.985	5.981	5.926	5.841	160-170	1.556	1236	100,100
180	5.648	5.717	5.605	5.664	5.719	5.758	5.643	5.682	170-180	0.5397	1237	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 1162.7 lm

%lum = 94.0%

%lamp = 94.0%

Conical surface Flux(130deg): 1215.4 lm

%lum = 98.3%

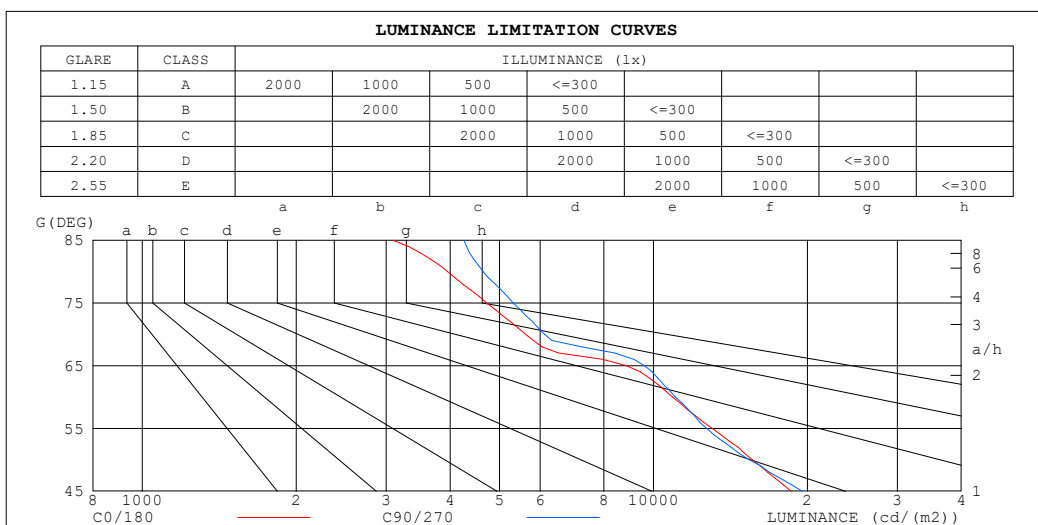
%lamp = 98.3%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:Lihong yun
 Test Date:2023-03-15

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:220.56V I:0.0724A P:15.564W PF:0.9753 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1236.64x1 lm		
NAME: DL3717 3000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 72	Shielding Angle:



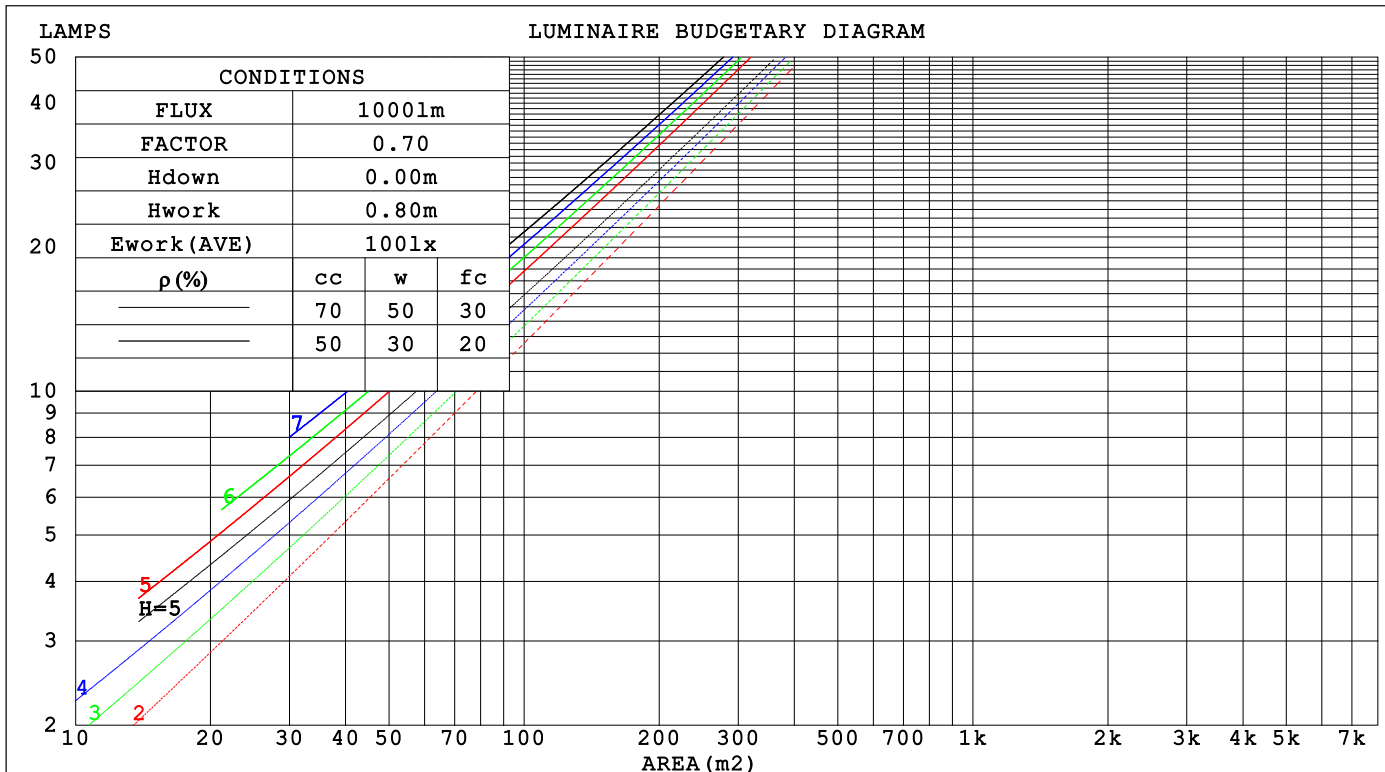
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Lihong yun
Test Date: 2023-03-15

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:220.56V I:0.0724A P:15.564W PF:0.9753 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1236.64x1 lm		
NAME: DL3717 3000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 72	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	1.08	1.06	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.01	.98	.95	.98	.95	.92	.95	.92	.90	.92	.90	.88	.87
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.90	.86	.84	.87	.85	.82	.81
4.0	.90	.85	.81	.89	.84	.80	.87	.83	.79	.85	.81	.78	.83	.80	.77	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.77	.74	.80	.76	.73	.79	.75	.72	.71
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.76	.70	.66	.75	.69	.66	.74	.69	.65	.72	.68	.65	.71	.67	.64	.63
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.62	.69	.64	.61	.68	.64	.61	.60
9.0	.68	.62	.59	.68	.62	.59	.67	.62	.58	.66	.61	.58	.65	.61	.58	.57
10.0	.65	.59	.56	.64	.59	.56	.64	.59	.55	.63	.58	.55	.62	.58	.55	.54



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-03-15

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:220.56V I:0.0724A P:15.564W PF:0.9753 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:1236.64x1 lm		
NAME: DL3717 3000K RA90 24D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 72			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	.177	.101	.032	.170	.097	.031	.157	.090	.029	.145	.084	.027	.134	.078	.025		
2.0	.169	.093	.028	.163	.090	.028	.152	.085	.026	.142	.080	.025	.133	.075	.024		
3.0	.160	.085	.026	.155	.083	.025	.146	.079	.024	.137	.075	.023	.129	.072	.022		
4.0	.152	.079	.023	.148	.077	.023	.140	.074	.022	.132	.071	.021	.125	.068	.021		
5.0	.144	.074	.021	.141	.072	.021	.134	.070	.020	.127	.067	.020	.121	.065	.019		
6.0	.137	.069	.020	.134	.068	.019	.128	.065	.019	.122	.063	.019	.116	.061	.018		
7.0	.131	.065	.018	.128	.064	.018	.122	.062	.018	.117	.060	.017	.112	.058	.017		
8.0	.125	.061	.017	.122	.060	.017	.117	.059	.017	.113	.057	.016	.108	.056	.016		
9.0	.119	.058	.016	.117	.057	.016	.112	.056	.016	.108	.054	.016	.104	.053	.015		
10.0	.114	.055	.015	.112	.054	.015	.108	.053	.015	.104	.052	.015	.101	.051	.015		

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	.177	.163	.150	.151	.140	.130	.103	.096	.090	.060	.056	.052	.019	.018	.017		
2.0	.162	.138	.119	.138	.119	.102	.095	.082	.071	.055	.048	.042	.018	.015	.014		
3.0	.149	.119	.096	.128	.103	.083	.088	.071	.058	.051	.042	.034	.016	.014	.011		
4.0	.139	.105	.079	.119	.090	.068	.082	.063	.048	.047	.037	.028	.015	.012	.009		
5.0	.130	.093	.066	.111	.080	.057	.077	.056	.040	.044	.033	.024	.014	.011	.008		
6.0	.122	.084	.056	.105	.072	.049	.072	.051	.034	.042	.030	.020	.014	.010	.007		
7.0	.115	.076	.048	.099	.066	.042	.069	.046	.030	.040	.027	.018	.013	.009	.006		
8.0	.110	.070	.042	.094	.060	.037	.065	.042	.026	.038	.025	.016	.012	.008	.005		
9.0	.104	.064	.037	.090	.056	.033	.062	.039	.023	.036	.023	.014	.012	.008	.005		
10.0	.100	.060	.034	.086	.052	.029	.060	.037	.021	.035	.022	.012	.011	.007	.004		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-03-15

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:220.56V I:0.0724A P:15.564W PF:0.9753 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1236.64x1 lm											
NAME: DL3717 3000K RA90 24D						TYPE:		WEIGHT:			
SPEC.:						DIM.:		SERIAL No.:			
MFR.: VJC Lighting						SUR.: 72		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	2H	20.1	21.0	20.3	21.2	21.4	20.5	21.4	20.8	21.6	21.8
	3H	20.1	20.9	20.3	21.1	21.3	20.5	21.3	20.8	21.5	21.8
	4H	20.0	20.8	20.3	21.1	21.3	20.4	21.2	20.7	21.5	21.7
	6H	20.0	20.7	20.3	21.0	21.2	20.4	21.1	20.7	21.4	21.7
	8H	19.9	20.7	20.3	20.9	21.2	20.4	21.1	20.7	21.4	21.6
	12H	19.9	20.6	20.2	20.9	21.2	20.3	21.0	20.7	21.3	21.6
4H	2H	20.0	20.8	20.3	21.0	21.2	20.4	21.2	20.6	21.4	21.6
	3H	20.0	20.6	20.3	20.9	21.2	20.4	21.0	20.7	21.3	21.6
	4H	19.9	20.6	20.3	20.9	21.2	20.3	21.0	20.7	21.3	21.6
	6H	19.9	20.4	20.3	20.8	21.1	20.3	20.9	20.7	21.2	21.6
	8H	19.9	20.4	20.3	20.7	21.1	20.3	20.8	20.7	21.2	21.5
	12H	19.8	20.3	20.2	20.7	21.1	20.2	20.7	20.7	21.1	21.5
8H	4H	19.8	20.3	20.2	20.7	21.1	20.2	20.7	20.6	21.1	21.5
	6H	19.8	20.2	20.2	20.6	21.1	20.2	20.6	20.6	21.0	21.5
	8H	19.8	20.2	20.2	20.6	21.0	20.2	20.6	20.7	21.0	21.5
	12H	19.7	20.1	20.2	20.5	21.0	20.2	20.5	20.7	20.9	21.4
12H	4H	19.8	20.2	20.2	20.6	21.0	20.2	20.6	20.6	21.0	21.4
	6H	19.8	20.1	20.2	20.6	21.0	20.2	20.5	20.6	21.0	21.4
	8H	19.7	20.1	20.2	20.5	21.0	20.2	20.5	20.6	20.9	21.4
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 3.3 / - 5.4					+ 3.3 / - 6.2				
1.5H		+ 5.7 / - 4.6					+ 5.9 / - 5.3				
2.0H		+ 1.2 / - 0.9					+ 1.3 / - 0.8				

CIE Pub.117, 1237 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 0.7)
Area: 0.004 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-03-15

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:220.56V I:0.0724A P:15.564W PF:0.9753 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1236.64x1 lm		
NAME: DL3717 3000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 72	Shielding Angle:

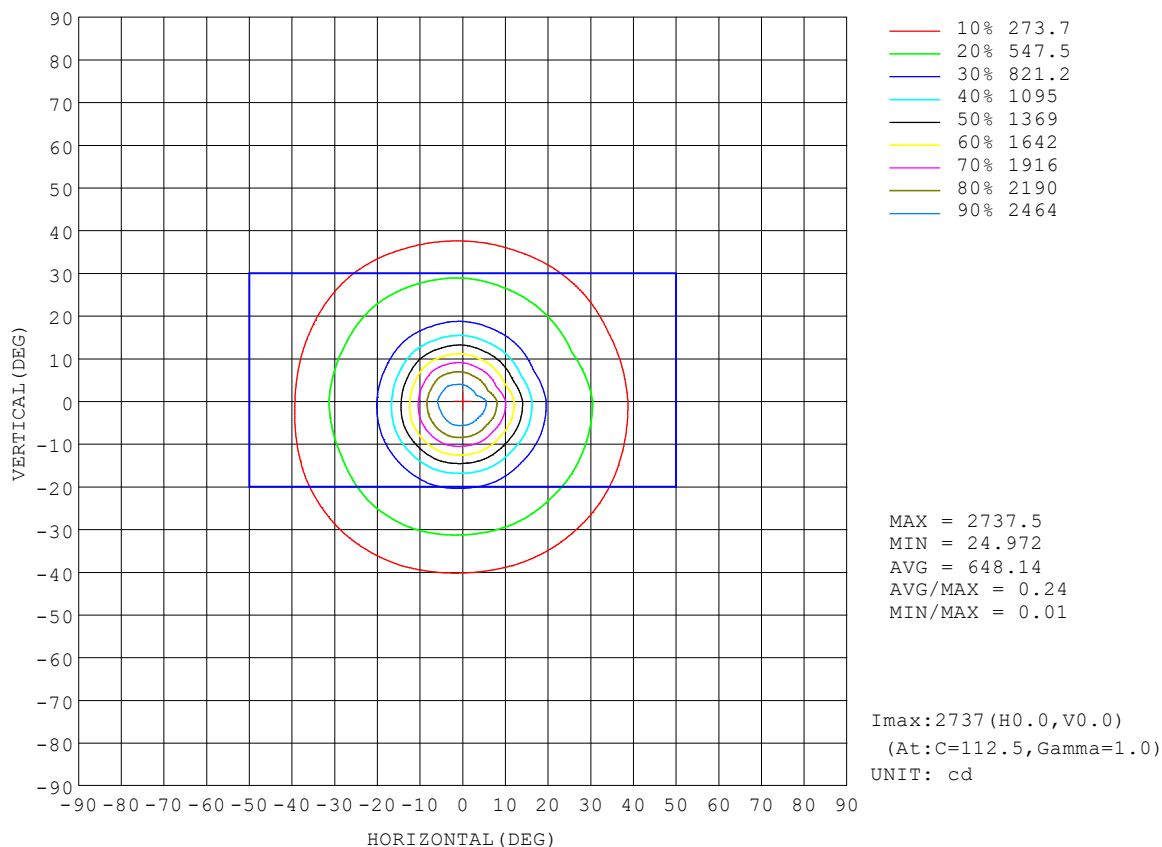
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	79	75	71
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	95	92	88	83
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	97	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	110	106	103	108	104	102	105	102	100	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	108	107	105	98
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: 2023-03-15

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:220.56V I:0.0724A P:15.564W PF:0.9753 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1236.64x1 lm		
NAME: DL3717 3000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 72	Shielding Angle:

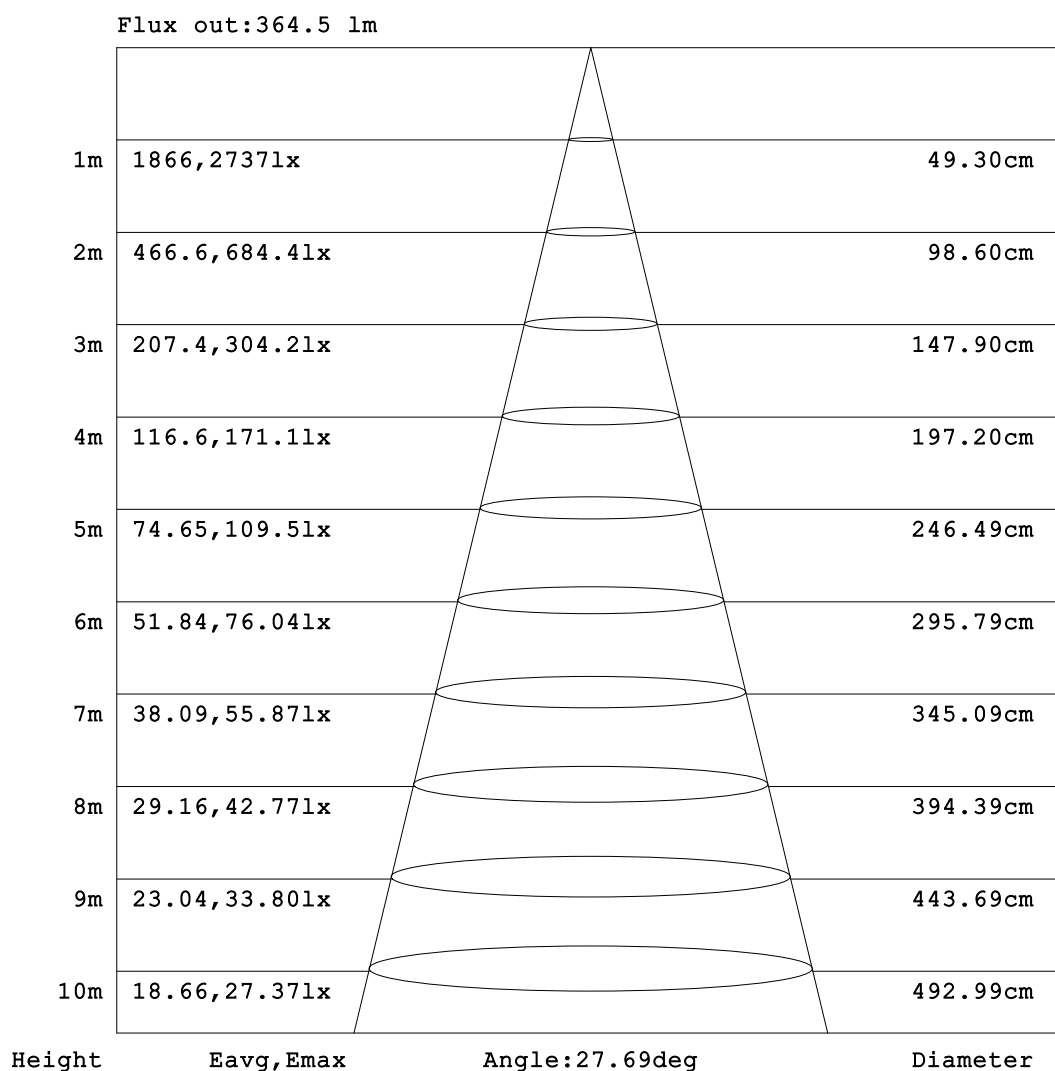


C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.456
Humidity:65.0%
Test Distance:7.580m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.56V I:0.0724A P:15.564W PF:0.9753 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1236.64x1 lm		
NAME: DL3717 3000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 72	Shielding Angle:



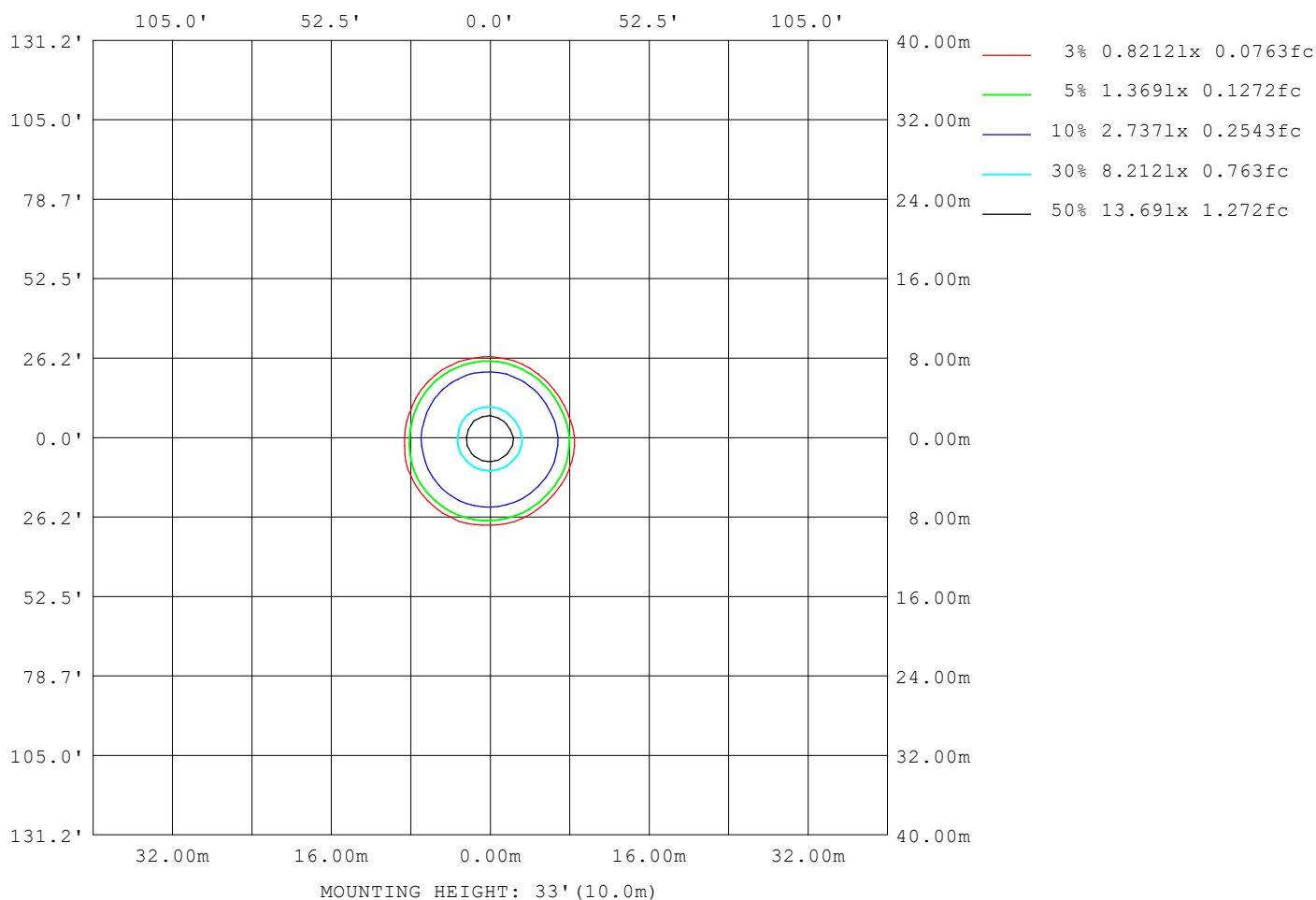
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-03-15

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:220.56V I:0.0724A P:15.564W PF:0.9753 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1236.64x1 lm		
NAME: DL3717 3000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 72	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3°C
Operators: Lihong yun
Test Date: 2023-03-15

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:220.56V I:0.0724A P:15.564W PF:0.9753 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1236.64x1 lm		
NAME: DL3717 3000K RA90 24D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 72	Shielding Angle:

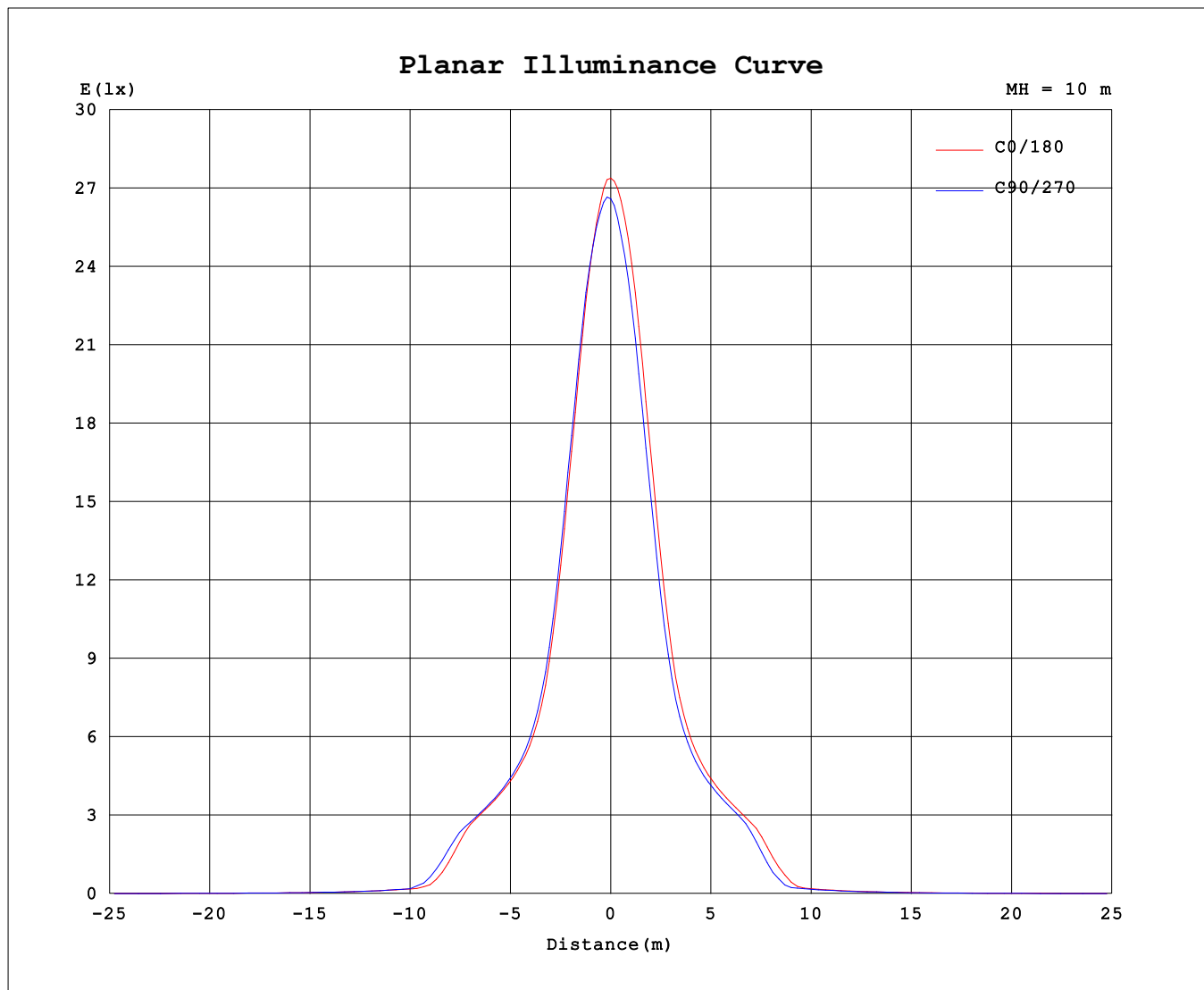
AvgL	cd/m2
L_0~180 (65) av	8724
L_0~180 (75) av	4824
L_0~180 (85) av	3299
L_90~270 (65) av	8541
L_90~270 (75) av	4843
L_90~270 (85) av	3331
L_45 (65) av	8663
L_45 (75) av	4849
L_45 (85) av	3324

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3℃
Operators:Lihong yun
Test Date:2023-03-15

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: Lihong yun
Test Date: 2023-03-15

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:220.56V I:0.0724A P:15.564W PF:0.9753 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:1236.64x1 lm																	
NAME: DL3717 3000K RA90 24D									TYPE:						WEIGHT:		
SPEC.:									DIM.:						SERIAL No.:		
MFR.: VJC Lighting									SUR.: 72						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	2672	2672	2672	2672	2672	2672	2672	2672	2672	2672	2672	2672	2672	2672	2672	2672			
5	2451	2472	2470	2506	2521	2549	2550	2549	2476	2451	2443	2407	2391	2365	2373	2381			
10	1882	1912	1906	1969	1998	2054	2052	2050	1924	1895	1901	1831	1794	1751	1754	1763			
15	1215	1247	1235	1293	1316	1373	1370	1374	1258	1228	1235	1172	1144	1101	1106	1106			
20	776	798	801	835	846	875	865	863	806	787	789	764	756	738	736	733			
25	618	627	632	648	656	668	665	661	632	624	622	614	609	602	600	601			
30	540	544	548	560	567	577	576	569	551	544	544	539	535	528	527	530			
35	471	480	482	493	502	514	516	508	484	474	471	450	433	410	411	423			
40	180	212	221	264	289	326	325	306	219	190	179	141	126	101	103	112			
45	51.3	52.8	52.7	54.4	55.6	58.2	68.7	57.2	52.8	52.0	51.5	49.5	48.1	46.9	47.8	48.4			
50	39.2	38.9	38.2	39.2	39.8	41.0	41.1	40.6	38.1	38.3	39.3	38.3	36.4	35.5	36.3	37.2			
55	29.2	29.2	28.7	28.9	29.3	30.2	30.4	30.1	28.5	28.3	28.9	28.2	26.6	25.7	26.5	27.4			
60	21.3	21.5	21.4	21.8	22.2	22.7	22.8	22.4	20.9	20.7	21.1	20.6	19.4	18.8	19.3	19.9			
65	14.6	15.2	15.3	16.0	16.3	16.8	16.9	16.4	14.9	14.5	14.7	13.9	12.6	11.5	11.7	12.4			
70	7.51	7.73	7.79	8.19	8.42	8.74	8.78	8.77	8.03	7.84	7.77	7.41	7.15	6.88	6.82	6.87			
75	4.77	4.93	5.01	5.32	5.53	5.78	5.83	5.80	5.22	5.07	4.98	4.70	4.49	4.27	4.26	4.28			
80	2.68	2.82	2.84	3.09	3.24	3.46	3.47	3.47	2.99	2.84	2.81	2.57	2.44	2.28	2.28	2.30			
85	1.05	1.16	1.18	1.37	1.49	1.65	1.65	1.63	1.25	1.13	1.09	0.93	0.83	0.71	0.72	0.73			
90	0.05	0.05	0.06	0.09	0.17	0.26	0.26	0.23	0.05	0.05	0.05	0.05	0.06	0.05	0.06	0.05			
95	0.05	0.07	0.05	0.07	0.05	0.06	0.05	0.06	0.07	0.05	0.07	0.05	0.08	0.05	0.08	0.05			
100	0.07	0.09	0.07	0.09	0.06	0.08	0.06	0.08	0.10	0.08	0.09	0.08	0.11	0.08	0.11	0.08			
105	0.10	0.12	0.09	0.12	0.09	0.11	0.09	0.11	0.15	0.13	0.16	0.14	0.18	0.17	0.19	0.16			
110	0.15	0.17	0.14	0.16	0.13	0.15	0.13	0.16	0.29	0.28	0.30	0.30	0.35	0.34	0.37	0.34			
115	0.28	0.29	0.26	0.26	0.23	0.24	0.22	0.25	0.50	0.50	0.52	0.53	0.58	0.59	0.61	0.58			
120	0.49	0.49	0.45	0.45	0.41	0.42	0.40	0.43	0.77	0.77	0.80	0.82	0.87	0.88	0.90	0.87			
125	0.73	0.74	0.70	0.70	0.65	0.65	0.63	0.67	1.11	1.11	1.15	1.18	1.24	1.26	1.28	1.24			
130	1.04	1.03	0.99	0.98	0.93	0.93	0.91	0.94	1.56	1.58	1.62	1.66	1.73	1.76	1.78	1.75			
135	1.42	1.40	1.36	1.34	1.29	1.28	1.26	1.30	2.18	2.20	2.24	2.31	2.39	2.43	2.43	2.41			
140	1.91	1.89	1.86	1.82	1.77	1.75	1.72	1.76	2.97	2.99	3.03	3.10	3.17	3.22	3.22	3.19			
145	2.57	2.53	2.49	2.45	2.39	2.36	2.34	2.38	3.82	3.82	3.86	3.93	4.02	4.05	4.06	4.03			
150	3.32	3.28	3.24	3.20	3.16	3.11	3.08	3.14	4.62	4.61	4.65	4.71	4.80	4.80	4.80	4.77			
155	4.07	4.04	4.00	3.97	3.93	3.88	3.85	3.90	5.26	5.23	5.27	5.31	5.38	5.36	5.34	5.31			
160	4.73	4.71	4.67	4.67	4.61	4.59	4.57	4.61	5.69	5.66	5.71	5.73	5.79	5.75	5.73	5.68			
165	5.20	5.20	5.16	5.21	5.16	5.17	5.15	5.19	5.97	5.93	5.99	5.97	5.97	5.96	5.91	5.88			
170	5.39	5.41	5.36	5.45	5.41	5.42	5.40	5.49	5.99	6.00	5.98	5.95	5.93	5.91	5.84	5.85			
175	5.48	5.54	5.51	5.53	5.44	5.50	5.53	5.58	5.81	5.85	5.87	5.78	5.73	5.75	5.71	5.65			
180	5.65	5.72	5.72	5.68	5.60	5.64	5.66	5.65	5.72	5.69	5.76	5.66	5.64	5.63	5.68	5.62			

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