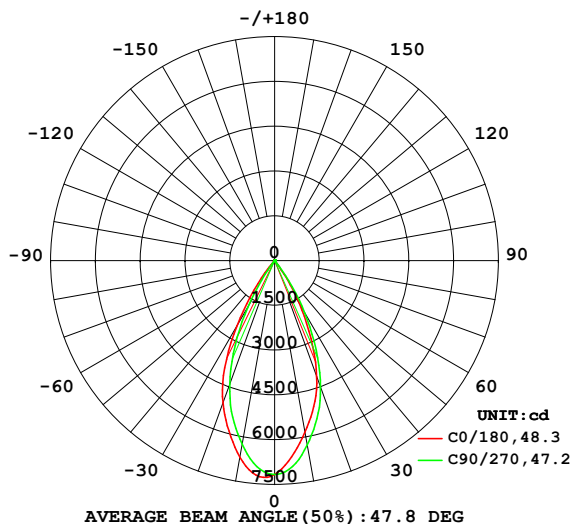


## LUMINAIRE PHOTOMETRIC TEST REPORT

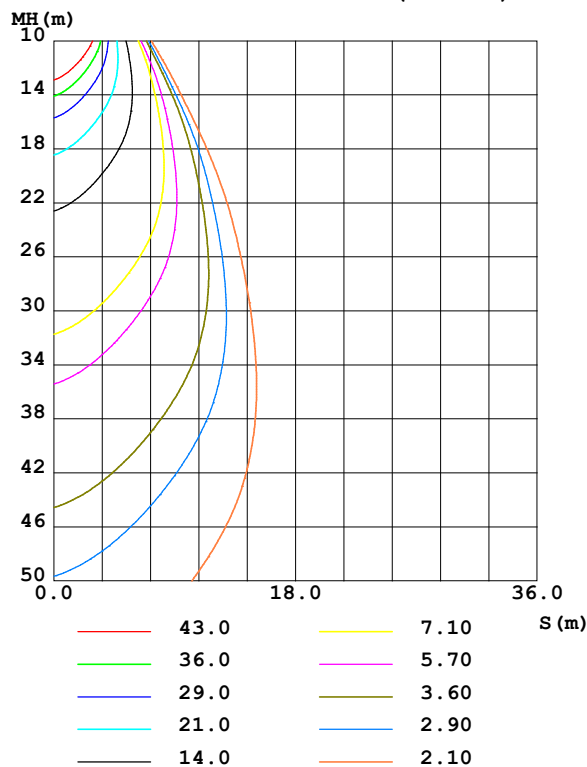
Test:U:220.60V I:0.1876A P:41.025W PF:0.9916 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4380.18x1 lm		
NAME: TR3085 4000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 106.77 lm/W			
MODEL	TR3085 4000K RA90 50D	I <sub>max</sub> (cd)	7270	S/MH (C0/180)	0.80
NOMINAL POWER (W)	40	LOR (%)	100.0	S/MH (C90/270)	0.73
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	4380.2	η UP, DN (C0-180)	0.3, 49.6
NOMINAL FLUX (lm)	4380.18	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.4, 49.6
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: 2023-05-04

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:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	5849	5916	6285	6545	6694	6554	6251	5912	0- 10	638.1	638.1	14.6,14.6
20	4131	4114	4510	4718	5073	4716	4409	4054	10- 20	1503	2141	48.9,48.9
30	1677	1844	2031	2338	2518	2259	1821	1752	20- 30	1481	3622	82.7,82.7
40	92.39	518.0	148.0	667.6	270.9	596.9	91.57	460.3	30- 40	633.0	4255	97.1,97.1
50	11.75	28.62	12.88	59.11	16.20	36.62	10.39	20.30	40- 50	82.90	4338	99,99
60	1.977	3.543	2.444	4.721	2.964	4.063	1.628	2.871	50- 60	7.659	4345	99.2,99.2
70	0.3239	0.2869	0.3962	0.3211	0.3550	0.2546	0.2793	0.2316	60- 70	1.181	4347	99.2,99.2
80	0.1779	0.1731	0.1933	0.1841	0.1480	0.1251	0.1271	0.1158	70- 80	0.2347	4347	99.2,99.2
90	0.1640	0.1615	0.1568	0.1545	0.1049	0.1138	0.1182	0.1272	80- 90	0.1518	4347	99.2,99.2
100	0.2802	0.2684	0.2521	0.2406	0.1368	0.1686	0.1523	0.2001	90-100	0.1856	4347	99.2,99.2
110	0.4237	0.4661	0.3680	0.4063	0.3312	0.5288	0.4326	0.6915	100-110	0.3207	4348	99.3,99.3
120	1.345	1.252	0.8803	1.023	1.760	1.973	2.139	2.559	110-120	0.9160	4348	99.3,99.3
130	4.226	3.737	3.093	3.043	5.189	5.429	5.998	6.615	120-130	2.654	4351	99.3,99.3
140	8.878	8.134	7.387	6.921	10.42	10.70	11.67	12.30	130-140	5.372	4356	99.5,99.5
150	13.98	13.30	12.64	11.92	16.31	16.53	17.57	17.89	140-150	7.671	4364	99.6,99.6
160	17.90	17.72	17.18	16.70	20.74	21.16	21.58	21.69	150-160	7.937	4372	99.8,99.8
170	21.54	21.28	21.19	20.67	23.81	24.01	24.17	23.88	160-170	5.899	4378	99.9,99.9
180	24.64	24.64	24.45	24.23	24.66	24.67	24.48	24.25	170-180	2.232	4380	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 4320.1 lm

%lum = 98.6%

%lamp = 98.6%

Conical surface Flux(130deg): 4346.3 lm

%lum = 99.2%

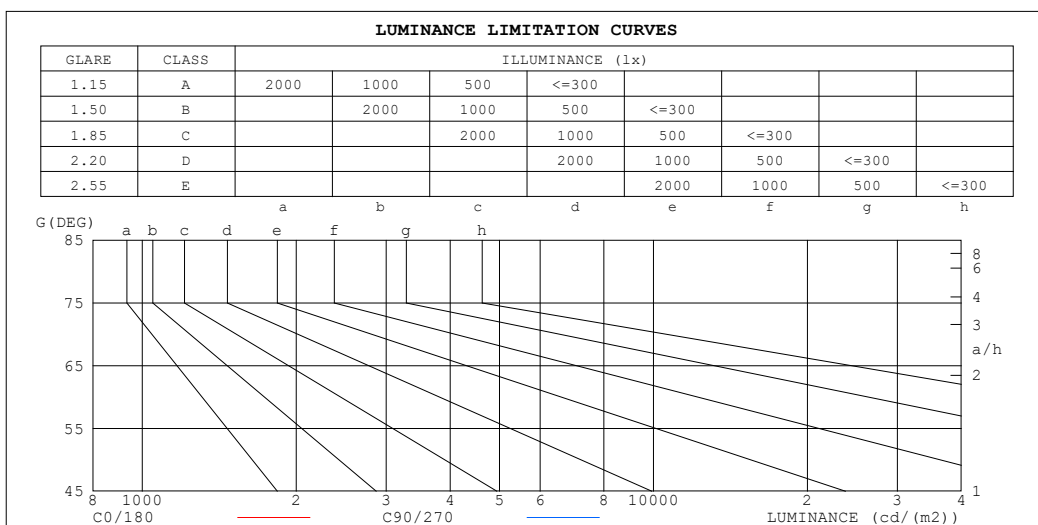
%lamp = 99.2%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:Lihong yun  
 Test Date:2023-05-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.1876A P:41.025W PF:0.9916 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4380.18x1 lm		
NAME: TR3085 4000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:



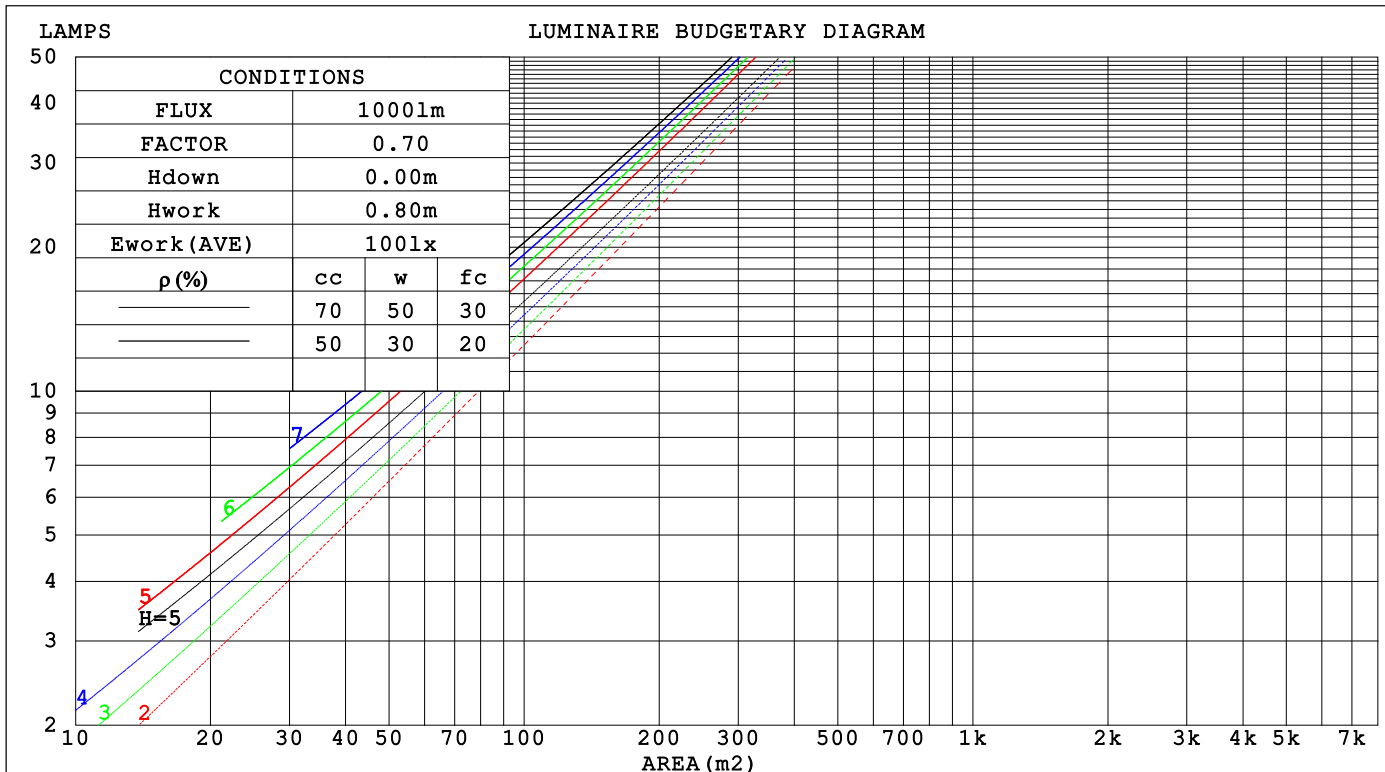
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Lihong yun  
Test Date: 2023-05-04

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:0.1876A P:41.025W PF:0.9916 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4380.18x1 lm		
NAME: TR3085 4000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	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															



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Lihong yun  
Test Date:2023-05-04

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:0.1876A P:41.025W PF:0.9916 Freq:49.99Hz			UTHDi:0.00% ITHDi:0.00% KDisp:0			Lamp Flux:4380.18x1 lm		
NAME: TR3085 4000K RA90 50D			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: VJC Lighting			SUR.: 285*168			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	.089	.028	.144	.083	.026	.132	.076	.024	.121	.070	.023		
2.0	.155	.085	.026	.150	.082	.025	.139	.077	.024	.129	.072	.023	.119	.068	.021		
3.0	.147	.078	.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	.124	.063	.018	.118	.061	.018	.113	.059	.017	.107	.057	.017		
7.0	.122	.060	.017	.119	.059	.017	.114	.058	.017	.109	.056	.016	.104	.054	.016		
8.0	.117	.057	.016	.115	.056	.016	.110	.055	.016	.105	.053	.015	.101	.052	.015		
9.0	.112	.054	.015	.110	.054	.015	.106	.052	.015	.102	.051	.015	.098	.050	.014		
10.0	.108	.052	.014	.106	.051	.014	.102	.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	.053	.019	.018	.017		
2.0	.160	.138	.120	.137	.119	.104	.094	.082	.073	.054	.048	.043	.017	.016	.014		
3.0	.147	.119	.098	.126	.103	.085	.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	.112	.076	.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	.034	.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:2023-05-04

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:0.1876A P:41.025W PF:0.9916 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4380.18x1 lm										
NAME: TR3085 4000K RA90 50D						TYPE:		WEIGHT:		
SPEC.:						DIM.:		SERIAL No.:		
MFR.: VJC Lighting						SUR.: 285*168		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	7.0	7.8	7.2	8.0	8.2	8.0	8.8	8.2	9.0	9.2
3H	6.8	7.6	7.1	7.8	8.0	7.8	8.6	8.1	8.8	9.0
4H	6.7	7.4	7.0	7.7	7.9	7.7	8.5	8.0	8.7	8.9
6H	6.6	7.3	6.9	7.6	7.8	7.7	8.3	8.0	8.6	8.9
8H	6.6	7.2	6.9	7.5	7.8	7.6	8.3	7.9	8.5	8.8
12H	6.5	7.2	6.9	7.4	7.7	7.6	8.2	7.9	8.5	8.8
4H 2H	6.7	7.4	7.0	7.7	7.9	7.7	8.5	8.0	8.7	8.9
3H	6.5	7.2	6.9	7.4	7.7	7.6	8.2	7.9	8.5	8.8
4H	6.4	7.0	6.8	7.3	7.6	7.5	8.0	7.8	8.4	8.7
6H	6.3	6.8	6.7	7.2	7.5	7.4	7.9	7.8	8.2	8.6
8H	6.3	6.7	6.7	7.1	7.5	7.3	7.8	7.7	8.1	8.5
12H	6.2	6.7	6.6	7.0	7.4	7.3	7.7	7.7	8.1	8.5
8H 4H	6.3	6.7	6.7	7.1	7.5	7.3	7.8	7.7	8.1	8.5
6H	6.2	6.6	6.6	7.0	7.4	7.2	7.6	7.6	8.0	8.4
8H	6.1	6.5	6.6	6.9	7.3	7.1	7.5	7.6	7.9	8.4
12H	6.1	6.3	6.5	6.8	7.3	7.1	7.4	7.6	7.8	8.3
12H 4H	6.2	6.7	6.6	7.0	7.4	7.3	7.7	7.7	8.1	8.5
6H	6.1	6.5	6.6	6.9	7.3	7.1	7.5	7.6	7.9	8.4
8H	6.1	6.3	6.5	6.8	7.3	7.1	7.4	7.6	7.8	8.3
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.7 / -19.9					+ 3.1 / -21.0				
1.5H	+ 5.2 / -14.7					+ 5.9 / -16.4				
2.0H	+ 5.3 / -10.3					+ 5.7 / -10.3				

CIE Pub.117, 4380 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.1)  
Area: 0.048 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Lihong yun  
Test Date:2023-05-04

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:0.1876A P:41.025W PF:0.9916 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4380.18x1 lm		
NAME: TR3085 4000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:

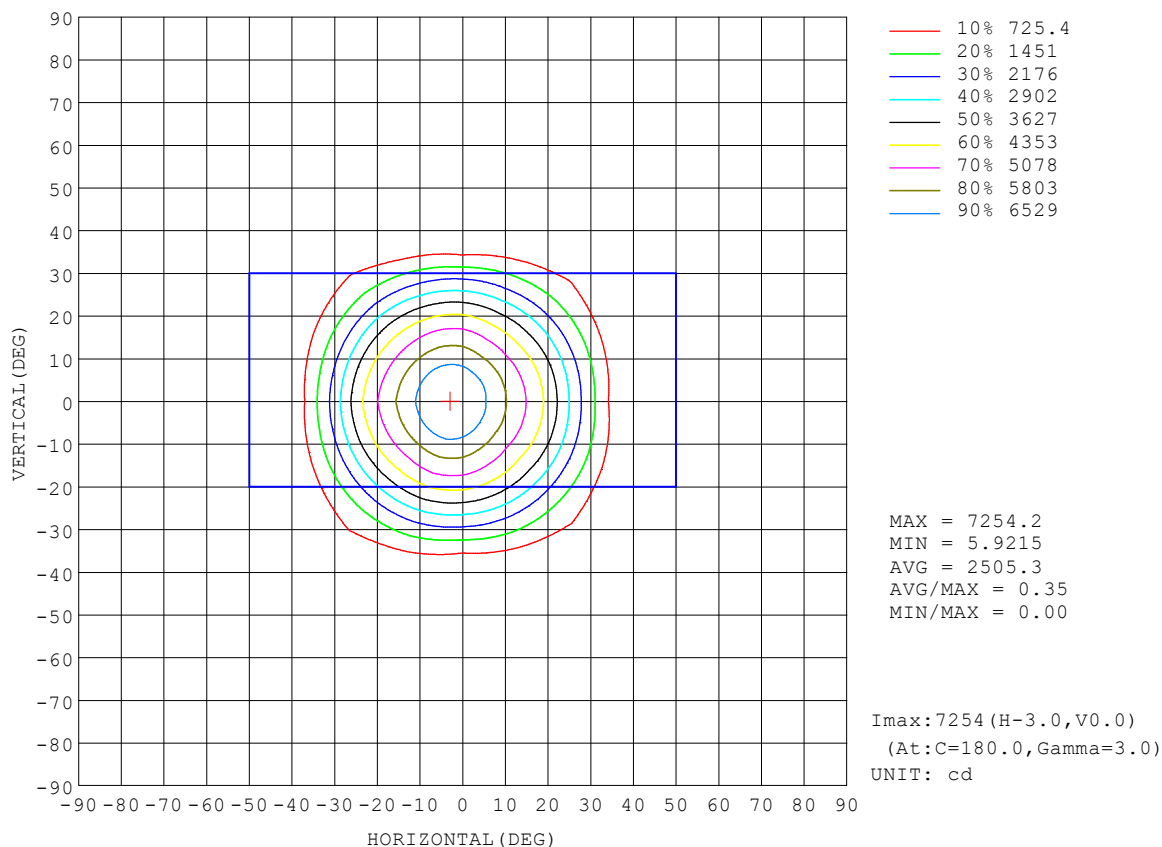
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	80	89	84	80	88	83	80	77
0.80	97	92	88	96	91	88	95	91	88	84
1.00	101	96	92	100	95	92	98	95	91	88
1.25	104	100	97	103	99	96	101	98	95	91
1.50	107	103	100	106	102	99	103	100	98	94
2.00	109	105	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: 2023-05-04

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:0.1876A P:41.025W PF:0.9916 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4380.18x1 lm		
NAME: TR3085 4000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:



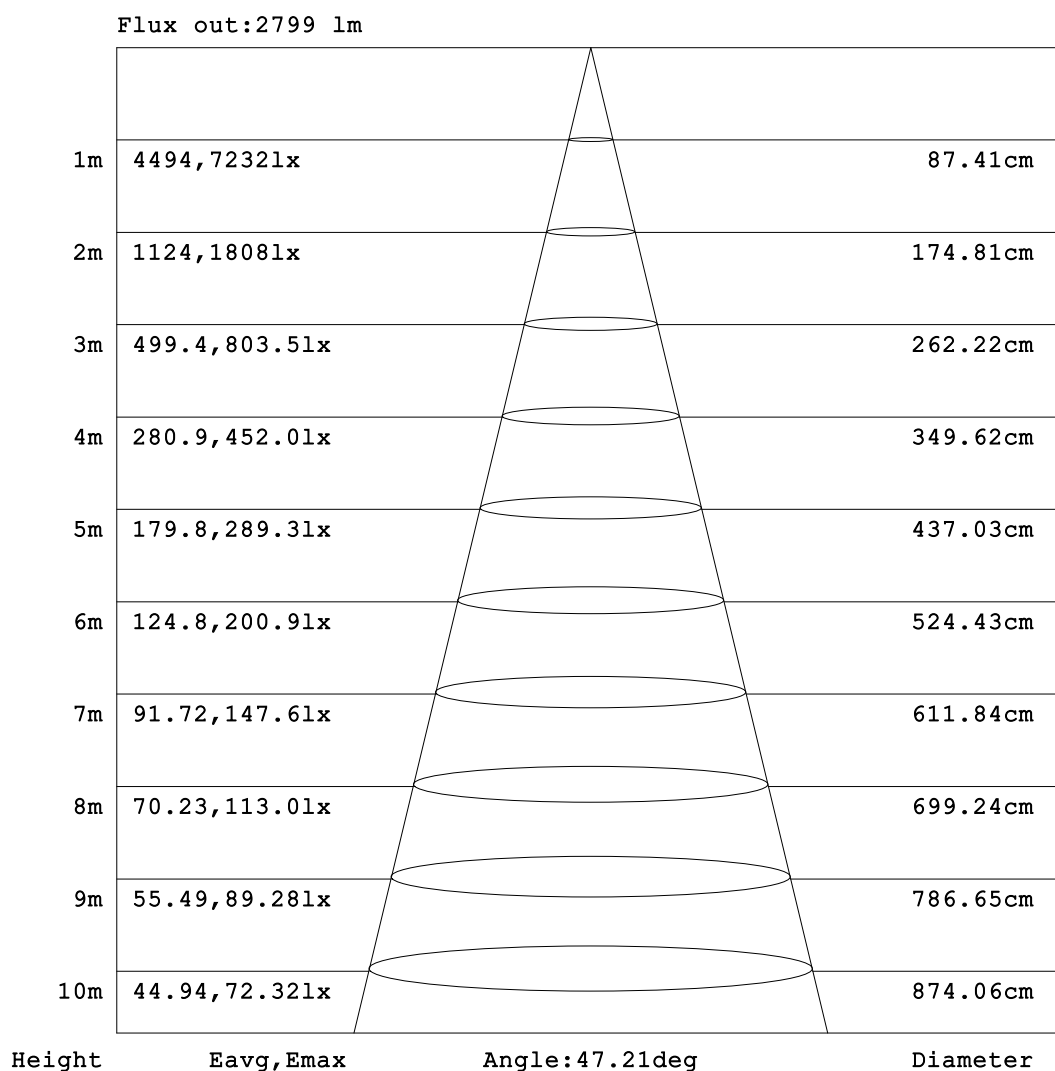
C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Lihong yun  
Test Date: 2023-05-04

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:0.1876A P:41.025W PF:0.9916 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4380.18x1 lm		
NAME: TR3085 4000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:



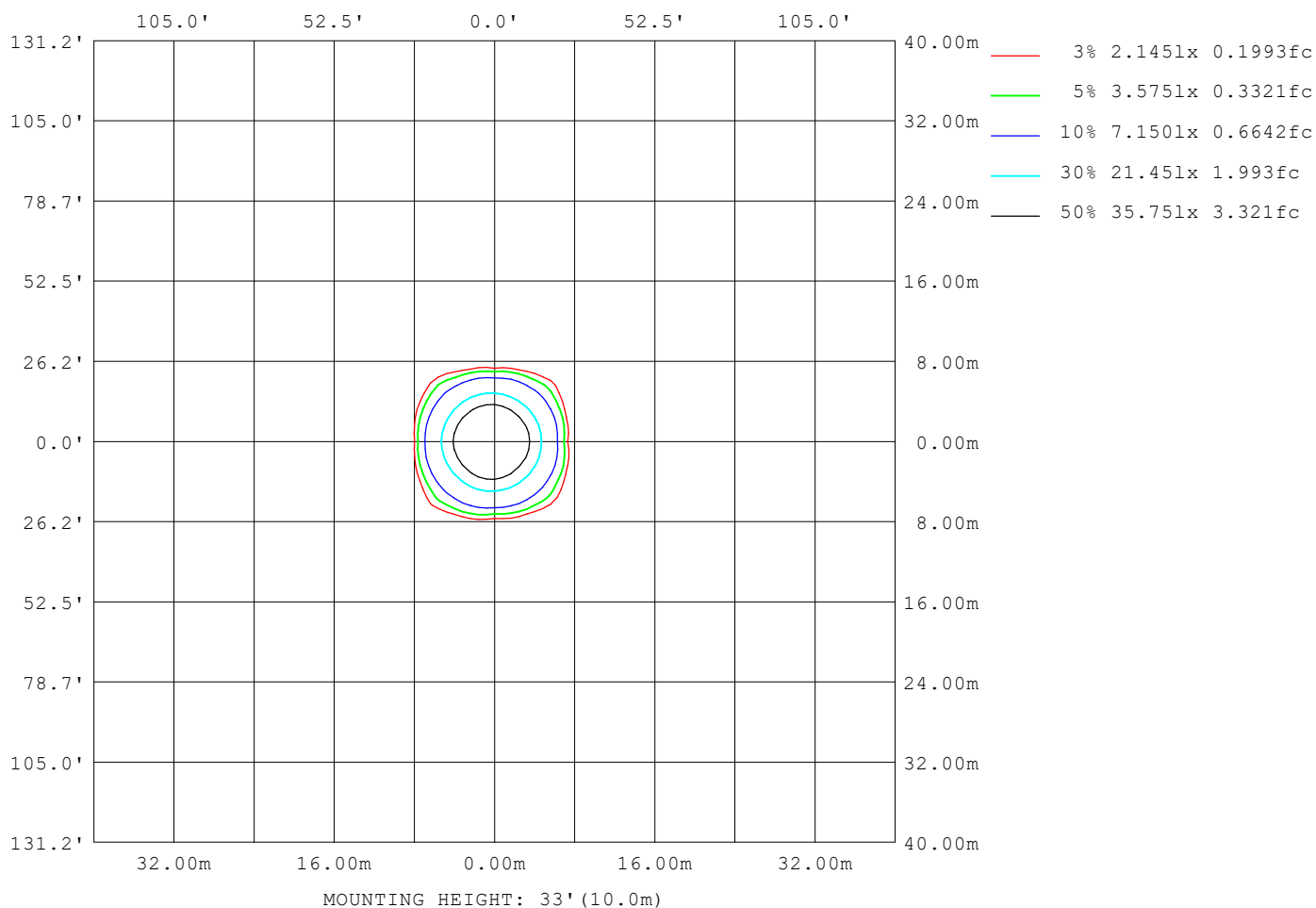
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Lihong yun  
Test Date:2023-05-04

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:0.1876A P:41.025W PF:0.9916 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4380.18x1 lm		
NAME: TR3085 4000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature: 25.3°C  
Operators: Lihong yun  
Test Date: 2023-05-04

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:0.1876A P:41.025W PF:0.9916 Freq:49.99Hz UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4380.18x1 lm		
NAME: TR3085 4000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	Shielding Angle:

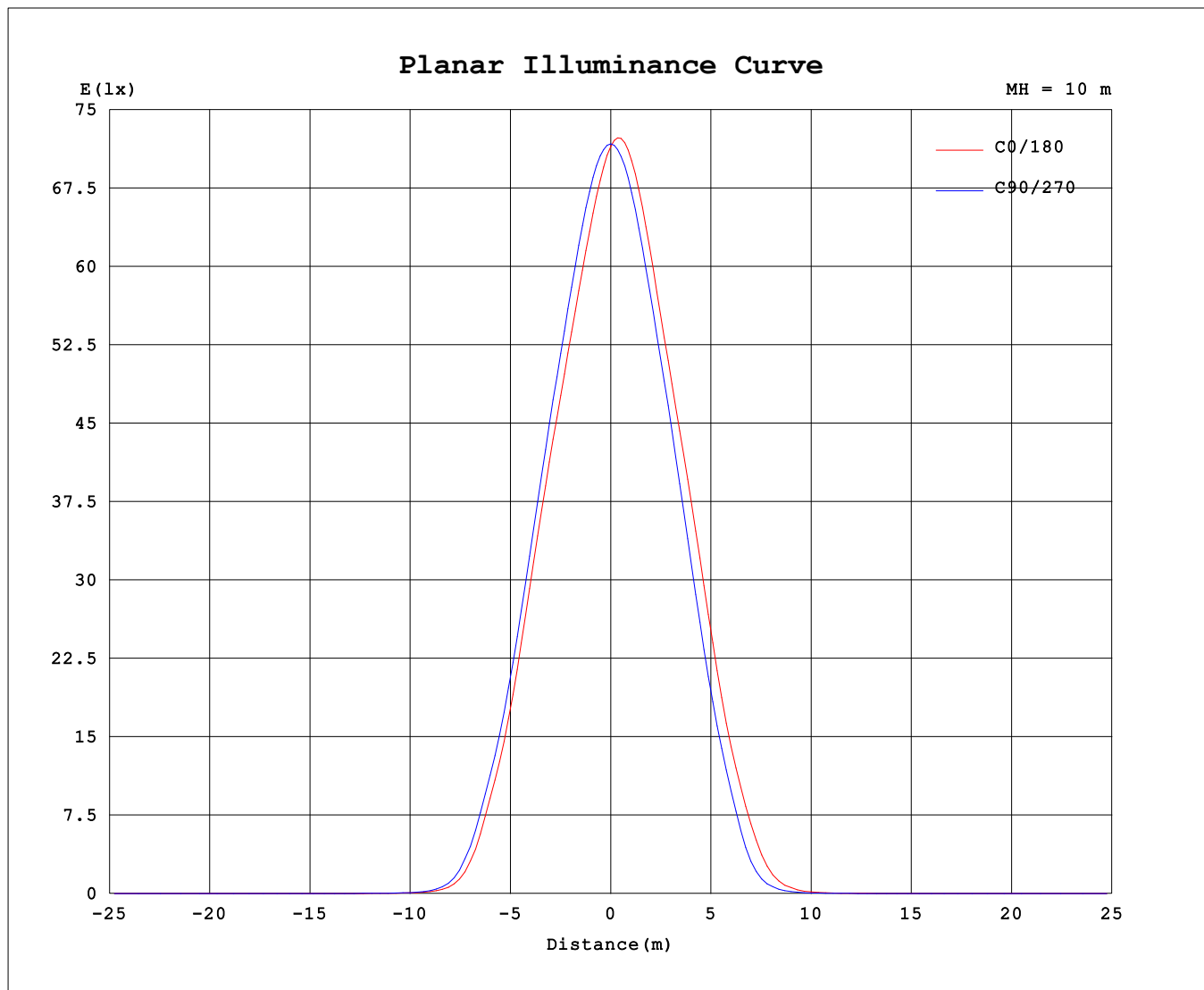
AvgL	cd/m2
L_0~180 (65) av	44
L_0~180 (75) av	18
L_0~180 (85) av	31
L_90~270 (65) av	43
L_90~270 (75) av	18
L_90~270 (85) av	32
L_45 (65) av	55
L_45 (75) av	16
L_45 (85) av	32

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3℃  
Operators:Lihong yun  
Test Date:2023-05-04

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: 2023-05-04

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  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:0.1876A P:41.025W PF:0.9916 Freq:49.99Hz		
UTHDi:0.00% ITHDi:0.00% KDisp:0 Lamp Flux:4380.18x1 lm		
NAME: TR3085 4000K RA90 50D	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: VJC Lighting	SUR.: 285*168	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	7165	7165	7165	7165	7165	7165	7165	7165	7165	7165	7165	7165	7165	7165	7165	7165			
5	6602	6632	6690	6807	6925	7051	7116	7164	7211	7177	7132	7028	6918	6785	6697	6634			
10	5849	5866	5916	6079	6285	6469	6545	6622	6694	6629	6554	6417	6251	6029	5912	5861			
15	5069	5053	5058	5238	5484	5647	5682	5797	5915	5796	5680	5581	5433	5156	5023	5030			
20	4131	4129	4114	4286	4510	4692	4718	4892	5073	4884	4716	4572	4409	4152	4054	4102			
25	2891	2950	2996	3140	3300	3516	3603	3799	3965	3772	3567	3326	3133	2946	2908	2910			
30	1677	1771	1844	1951	2031	2230	2338	2438	2518	2394	2259	2009	1821	1751	1752	1722			
35	573	862	1019	979	826	1171	1296	1306	1218	1272	1224	852	564	759	952	778			
40	92.4	214	518	250	148	334	668	416	271	431	597	180	91.6	171	460	174			
45	23.6	40.9	172	46.3	30.6	63.3	275	82.4	47.0	88.3	204	34.9	22.8	33.4	133	33.9			
50	11.8	14.8	28.6	14.9	12.9	17.7	59.1	20.5	16.2	20.4	36.6	13.2	10.4	12.4	20.3	13.7			
55	5.68	7.74	7.47	7.44	6.35	8.64	10.5	9.73	8.17	9.18	8.35	6.46	4.72	5.80	6.56	7.14			
60	1.98	3.19	3.54	2.87	2.44	3.53	4.72	4.10	2.96	3.97	4.06	2.45	1.63	2.02	2.87	2.70			
65	0.80	0.83	1.01	0.98	0.99	1.13	1.64	1.05	0.97	0.87	1.17	0.92	0.74	0.73	0.68	0.82			
70	0.32	0.29	0.29	0.41	0.40	0.48	0.32	0.47	0.35	0.36	0.25	0.33	0.28	0.30	0.23	0.29			
75	0.23	0.20	0.22	0.22	0.27	0.24	0.23	0.22	0.22	0.22	0.18	0.22	0.19	0.21	0.16	0.20			
80	0.18	0.16	0.17	0.16	0.19	0.17	0.18	0.16	0.15	0.15	0.13	0.15	0.13	0.15	0.12	0.14			
85	0.16	0.16	0.16	0.16	0.16	0.15	0.16	0.15	0.10	0.12	0.11	0.12	0.11	0.12	0.11	0.12			
90	0.16	0.19	0.16	0.18	0.16	0.17	0.15	0.17	0.10	0.11	0.11	0.11	0.12	0.11	0.13	0.11			
95	0.22	0.24	0.21	0.23	0.20	0.21	0.19	0.21	0.12	0.11	0.13	0.11	0.13	0.12	0.15	0.11			
100	0.28	0.30	0.27	0.28	0.25	0.27	0.24	0.26	0.14	0.12	0.17	0.13	0.15	0.14	0.20	0.15			
105	0.33	0.36	0.34	0.34	0.31	0.33	0.30	0.32	0.18	0.19	0.28	0.22	0.21	0.25	0.35	0.29			
110	0.42	0.49	0.47	0.41	0.37	0.41	0.41	0.39	0.33	0.42	0.53	0.48	0.43	0.56	0.69	0.65			
115	0.70	0.76	0.73	0.59	0.49	0.59	0.61	0.56	0.81	0.93	1.04	1.05	1.04	1.22	1.37	1.39			
120	1.35	1.34	1.25	1.03	0.88	0.98	1.02	0.97	1.76	1.88	1.97	2.07	2.14	2.40	2.56	2.66			
125	2.52	2.39	2.23	1.92	1.73	1.74	1.80	1.77	3.21	3.34	3.42	3.61	3.79	4.12	4.30	4.49			
130	4.23	3.98	3.74	3.35	3.09	2.99	3.04	3.04	5.19	5.33	5.43	5.69	6.00	6.38	6.61	6.82			
135	6.38	6.10	5.75	5.35	5.02	4.78	4.78	4.80	7.62	7.73	7.88	8.26	8.65	9.10	9.32	9.58			
140	8.88	8.54	8.13	7.76	7.39	7.06	6.92	6.98	10.4	10.5	10.7	11.2	11.7	12.1	12.3	12.6			
145	11.5	11.1	10.7	10.4	10.0	9.59	9.35	9.41	13.4	13.5	13.7	14.2	14.7	15.1	15.3	15.5			
150	14.0	13.6	13.3	13.0	12.6	12.2	11.9	12.0	16.3	16.4	16.5	17.0	17.6	17.9	17.9	18.0			
155	16.1	15.8	15.7	15.4	15.1	14.6	14.4	14.4	18.8	18.9	19.0	19.5	19.9	20.1	20.0	20.0			
160	17.9	17.7	17.7	17.4	17.2	16.8	16.7	16.5	20.7	20.9	21.2	21.4	21.6	21.7	21.7	21.5			
165	19.8	19.5	19.5	19.3	19.2	19.0	18.7	18.6	22.4	22.6	22.8	23.0	23.1	23.0	22.9	22.9			
170	21.5	21.3	21.3	21.2	21.2	20.9	20.7	20.8	23.8	23.9	24.0	24.2	24.2	24.0	23.9	23.8			
175	23.3	23.2	23.2	23.0	23.0	22.8	22.7	22.8	24.6	24.8	24.9	24.8	24.8	24.6	24.5	24.3			
180	24.6	24.6	24.6	24.4	24.5	24.2	24.2	24.2	24.7	24.6	24.7	24.4	24.5	24.2	24.2	24.2			

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