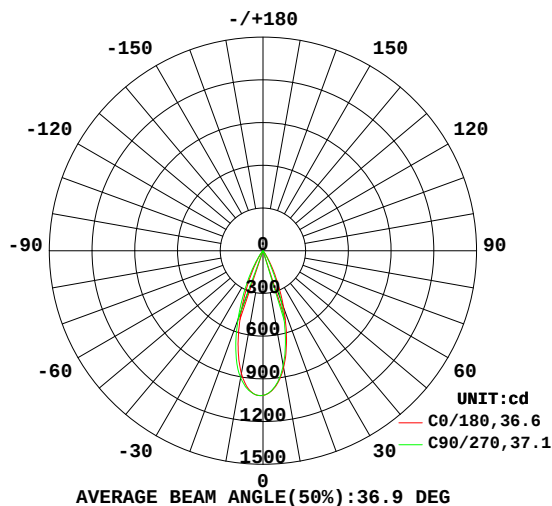


LUMINAIRE PHOTOMETRIC TEST REPORT

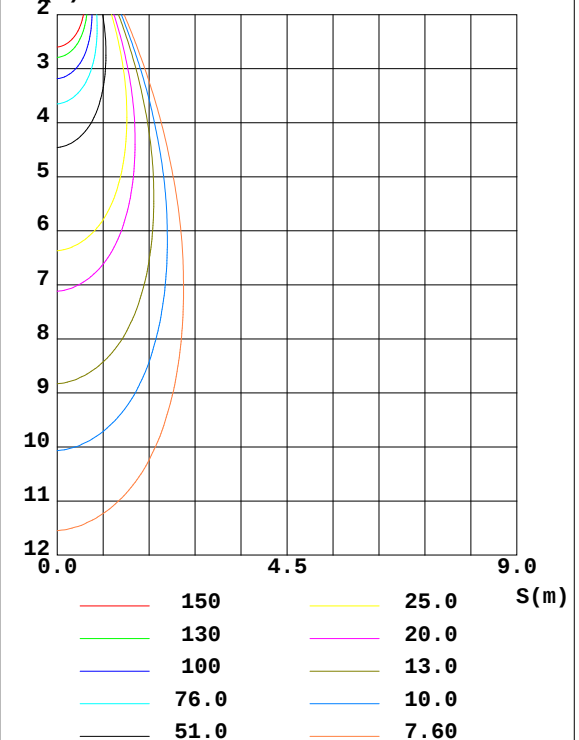
NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 36D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 64.92 lm/W
MODEL	VF51RA01	Imax(cd)	1021	S/MH(C0/180)	0.59	
NOMINAL POWER(W)	7	LOR(%)	100.0	S/MH(C90/270)	0.64	
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	422.99	η UP, DN(C0-180)	1.3, 44.7	
NOMINAL FLUX(lm)	422.989	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.2, 52.9	
LAMPS INSIDE	1	η up(%)	2.4	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	120	η down(%)	97.6	CIBSE SHR MAX	0.60	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: CJY
 Test Date: 2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

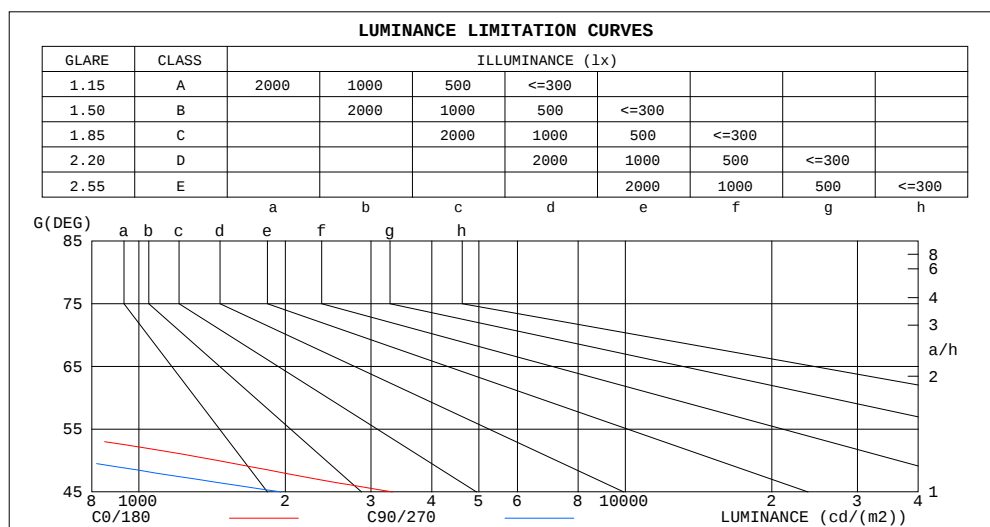
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	834.6	810.5	818.0	856.5	875.1	902.2	906.0	873.4	0- 10	89.62	89.62	21.2, 21.2
20	422.7	380.7	370.0	408.2	443.9	494.4	513.8	473.5	10- 20	180.6	270.2	63.9, 63.9
30	100.3	76.29	71.33	83.33	105.4	137.5	151.0	134.4	20- 30	111.6	381.8	90.3, 90.3
40	10.21	7.522	6.971	7.716	10.85	15.89	18.54	15.83	30- 40	27.08	408.9	96.7, 96.7
50	1.353	0.9343	0.6854	0.6294	0.7482	1.123	1.585	1.649	40- 50	3.256	412.2	97.4, 97.4
60	0.1087	0.0839	0.0728	0.0707	0.0531	0.0660	0.0968	0.1079	50- 60	0.3455	412.5	97.5, 97.5
70	0.0642	0.0640	0.0639	0.0641	0.0509	0.0508	0.0507	0.0530	60- 70	0.0620	412.6	97.5, 97.5
80	0.0642	0.0684	0.0661	0.0684	0.0598	0.0552	0.0595	0.0596	70- 80	0.0638	412.6	97.5, 97.5
90	0.0819	0.0817	0.0661	0.0663	0.0686	0.0640	0.0727	0.0773	80- 90	0.0795	412.7	97.6, 97.6
100	0.0819	0.0817	0.0749	0.0706	0.0842	0.0817	0.0838	0.0817	90-100	0.0850	412.8	97.6, 97.6
110	0.1150	0.1454	0.1628	0.1456	0.1396	0.1259	0.1191	0.1217	100-110	0.1030	412.9	97.6, 97.6
120	0.4752	0.5578	0.6009	0.5514	0.4743	0.4001	0.3818	0.4202	110-120	0.2629	413.2	97.7, 97.7
130	1.521	1.681	1.757	1.650	1.454	1.293	1.269	1.367	120-130	0.8201	414.0	97.9, 97.9
140	3.256	3.451	3.511	3.381	3.134	2.921	2.892	3.021	130-140	1.767	415.7	98.3, 98.3
150	5.030	5.176	5.267	5.176	5.000	4.800	4.746	4.841	140-150	2.569	418.3	98.9, 98.9
160	5.773	5.796	5.916	5.924	5.912	5.854	5.855	5.778	150-160	2.559	420.9	99.5, 99.5
170	5.207	5.196	5.326	5.472	5.473	5.502	5.474	5.395	160-170	1.621	422.5	99.9, 99.9
180	5.031	5.142	5.101	5.235	5.031	5.145	5.103	5.224	170-180	0.4991	423.0	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: CJY
 Test Date: 2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 36D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	524	524
80	254	263
75	171	182
70	129	129
65	112	112
60	150	101
55	520	219
50	1449	737
45	3322	1960

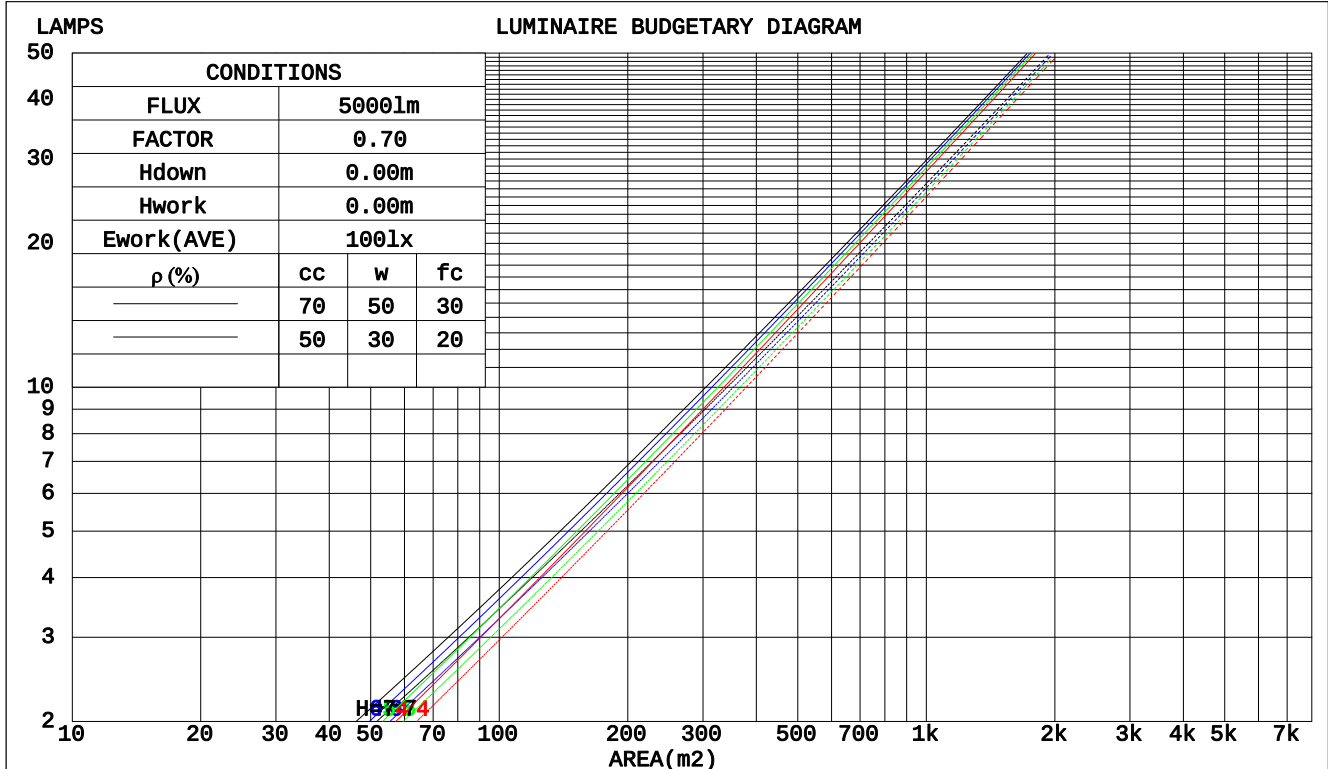
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: CJY
 Test Date: 2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity: 65.0%
 Test Distance: 5.190m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 36D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_W	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio			Coefficients of Utilization(CU)												
0.0	1.18	1.18	1.18	1.15	1.15	1.15	1.10	1.10	1.10	1.05	1.05	1.05	.00	.00	.00	.98
1.0	1.12	1.09	1.07	1.09	1.07	1.06	1.05	1.03	1.02	1.01	.99	.98	.97	.96	.95	.93
2.0	1.05	1.02	.99	1.04	1.00	.98	.00	.98	.95	.97	.95	.93	.94	.92	.91	.89
3.0	.00	.96	.93	.98	.95	.92	.96	.93	.90	.93	.90	.88	.90	.88	.87	.85
4.0	.95	.91	.87	.94	.90	.87	.92	.88	.85	.89	.86	.84	.87	.85	.83	.82
5.0	.91	.86	.83	.90	.85	.82	.88	.84	.81	.86	.83	.80	.84	.82	.79	.78
6.0	.87	.82	.78	.86	.81	.78	.84	.80	.77	.83	.79	.77	.81	.78	.76	.75
7.0	.83	.78	.75	.82	.78	.75	.81	.77	.74	.80	.76	.74	.78	.75	.73	.72
8.0	.80	.75	.72	.79	.75	.71	.78	.74	.71	.77	.73	.71	.76	.73	.70	.69
9.0	.77	.72	.69	.76	.72	.68	.75	.71	.68	.74	.70	.68	.73	.70	.67	.66
10.0	.74	.69	.66	.73	.69	.66	.72	.68	.66	.71	.68	.65	.71	.67	.65	.64



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

WEC AND CCEC

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 36D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

ρ_{cc}	80%			70%			50%			30%			10%			0	
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
ρ_{fc}	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.152	.087	.027	.145	.083	.026	.131	.075	.024	.118	.068	.022	.107	.062	.020		
2.0	.143	.078	.024	.136	.075	.023	.125	.069	.022	.114	.064	.020	.104	.059	.019		
3.0	.134	.071	.021	.129	.069	.021	.119	.064	.020	.110	.060	.018	.101	.056	.017		
4.0	.127	.066	.019	.122	.064	.019	.114	.060	.018	.106	.057	.017	.098	.053	.016		
5.0	.120	.061	.018	.116	.060	.017	.109	.057	.017	.102	.054	.016	.095	.051	.015		
6.0	.114	.057	.016	.111	.056	.016	.104	.053	.016	.098	.051	.015	.092	.049	.014		
7.0	.109	.054	.015	.106	.053	.015	.100	.051	.015	.095	.049	.014	.090	.047	.014		
8.0	.104	.051	.014	.102	.050	.014	.096	.048	.014	.092	.046	.013	.087	.045	.013		
9.0	.100	.048	.014	.098	.048	.013	.093	.046	.013	.089	.044	.013	.084	.043	.012		
10.0	.096	.046	.013	.094	.045	.013	.090	.044	.012	.086	.043	.012	.082	.041	.012		

ρ _{cc}	80%			70%			50%			30%			10%			0
ρ _w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.209	.209	.209	.179	.179	.179	.122	.122	.122	.070	.070	.070	.022	.022	.022	
1.0	.188	.176	.166	.161	.151	.142	.110	.104	.099	.063	.060	.057	.020	.019	.019	
2.0	.171	.151	.135	.147	.130	.117	.100	.090	.081	.058	.052	.048	.019	.017	.016	
3.0	.157	.132	.112	.135	.114	.097	.093	.079	.068	.053	.046	.040	.017	.015	.013	
4.0	.146	.117	.096	.125	.101	.083	.086	.071	.058	.050	.041	.035	.016	.013	.011	
5.0	.136	.105	.083	.117	.091	.072	.080	.064	.051	.047	.037	.030	.015	.012	.010	
6.0	.128	.096	.073	.110	.083	.063	.076	.058	.045	.044	.034	.027	.014	.011	.009	
7.0	.121	.088	.065	.104	.076	.056	.072	.053	.040	.042	.031	.024	.013	.010	.008	
8.0	.115	.081	.058	.099	.070	.051	.068	.049	.036	.040	.029	.021	.013	.010	.007	
9.0	.109	.076	.053	.094	.066	.046	.065	.046	.033	.038	.027	.020	.012	.009	.007	
10.0	.105	.071	.049	.090	.062	.043	.063	.044	.030	.037	.026	.018	.012	.008	.006	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

NAME: VF51RA01						TYPE:			WEIGHT:1		
SPEC.:4000K 7W 90CRI 36D						DIM.:			SERIAL No.:		
MFR.:						SUR.:			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		13.2	14.0	13.5	14.2	14.4	11.3	12.0	11.5	12.2	12.4
3H		13.1	13.7	13.3	14.0	14.2	11.1	11.8	11.4	12.0	12.3
4H		13.0	13.6	13.3	13.9	14.1	11.0	11.7	11.3	11.9	12.2
6H		12.9	13.5	13.2	13.8	14.1	11.0	11.6	11.3	11.8	12.1
8H		12.8	13.4	13.2	13.7	14.0	10.9	11.5	11.3	11.8	12.1
12H		12.8	13.4	13.1	13.7	14.0	10.9	11.4	11.2	11.7	12.1
4H	2H	13.0	13.6	13.3	13.9	14.1	11.0	11.7	11.3	11.9	12.2
	3H	12.8	13.4	13.1	13.7	14.0	10.9	11.4	11.2	11.7	12.0
	4H	12.7	13.2	13.1	13.5	13.9	10.8	11.3	11.1	11.6	12.0
	6H	12.6	13.0	13.0	13.4	13.8	10.7	11.1	11.1	11.5	11.9
	8H	12.5	13.0	13.0	13.3	13.8	10.6	11.0	11.0	11.4	11.8
	12H	12.5	12.9	12.9	13.3	13.7	10.6	11.0	11.0	11.4	11.8
8H	4H	12.5	12.9	13.0	13.3	13.8	10.6	11.0	11.0	11.4	11.8
	6H	12.4	12.8	12.9	13.2	13.7	10.5	10.8	11.0	11.3	11.7
	8H	12.4	12.7	12.8	13.1	13.6	10.5	10.8	10.9	11.2	11.7
	12H	12.3	12.6	12.8	13.1	13.6	10.4	10.7	10.9	11.2	11.7
12H	4H	12.5	12.9	12.9	13.3	13.7	10.5	10.9	11.0	11.3	11.8
	6H	12.4	12.7	12.8	13.1	13.6	10.4	10.7	10.9	11.2	11.7
	8H	12.3	12.6	12.8	13.1	13.6	10.4	10.7	10.9	11.1	11.7
Variations with the observer position at spacings:											
S = 1.0H		+ 4.7 / -13.3					+ 4.0 / -11.5				
1.5H		+ 7.2 / -12.7					+ 6.5 / -11.1				
2.0H		+ 7.0 / - 5.6					+ 5.6 / - 3.3				

CIE Pub.117, 423.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.0)

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 36D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

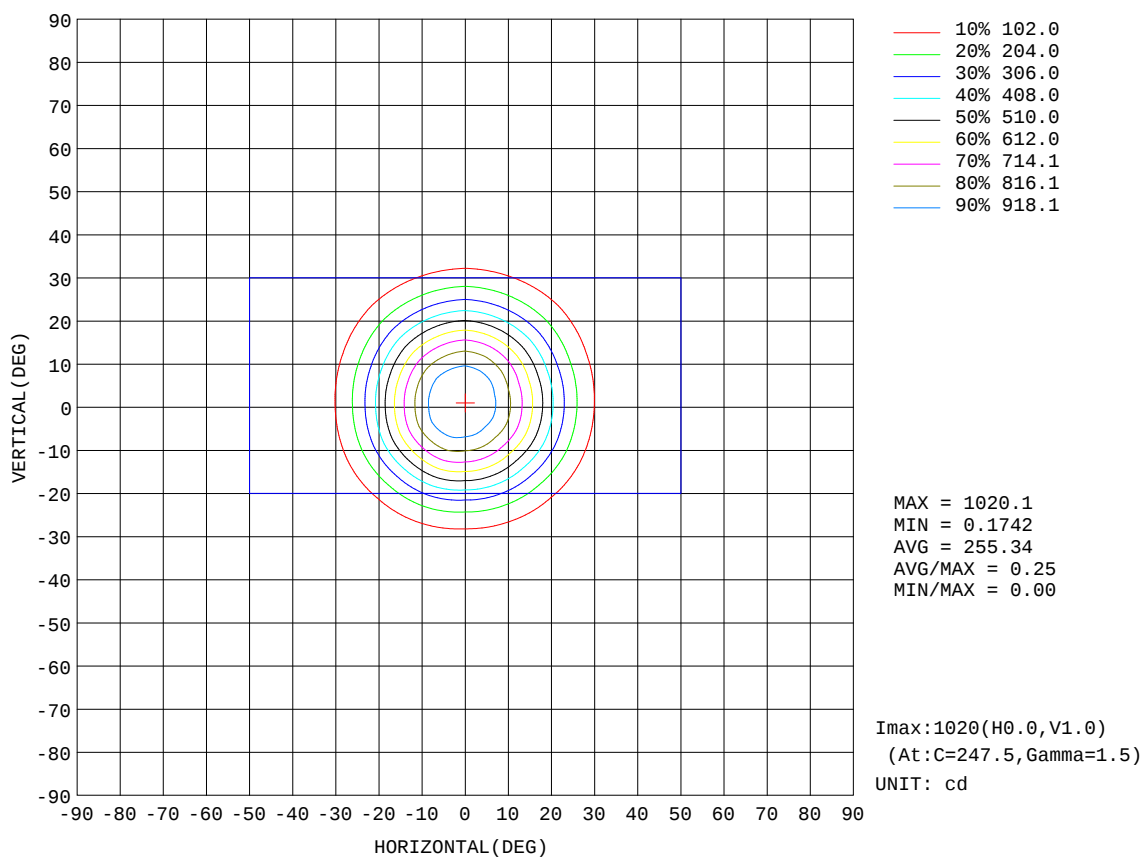
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	90	84	80	89	84	80	88	83	80	77
0.80	97	91	88	96	91	88	94	90	87	84
1.00	100	95	92	99	95	92	98	94	91	87
1.25	104	99	96	103	99	96	101	97	95	90
1.50	106	102	99	105	101	98	103	100	97	92
2.00	109	105	102	107	104	101	104	101	99	94
2.50	110	107	104	109	105	103	105	103	101	94
3.00	112	109	106	110	107	105	106	104	102	95
4.00	114	111	109	111	109	107	107	106	104	97
5.00	115	113	111	113	111	109	108	107	106	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: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 36D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

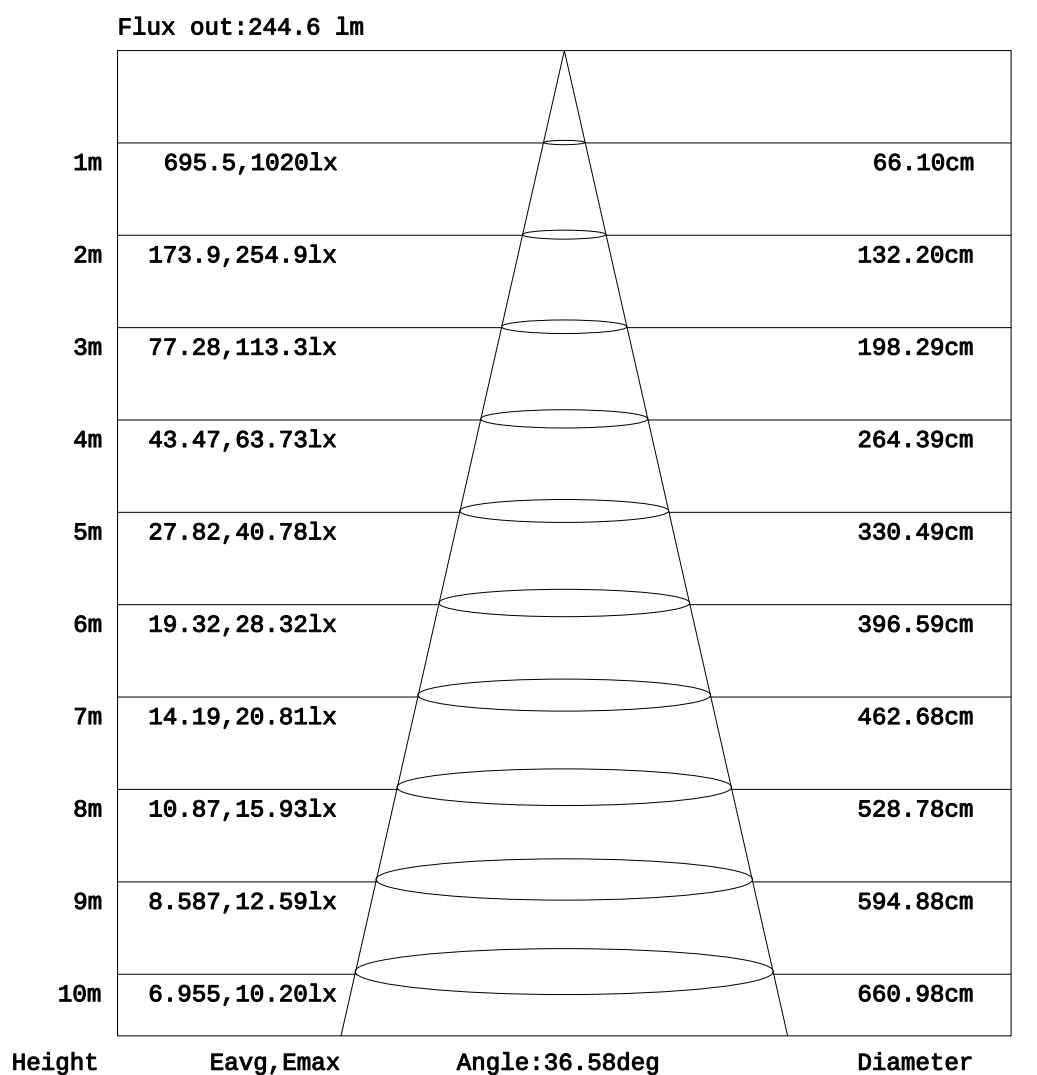


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

AAI Figure

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 36D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



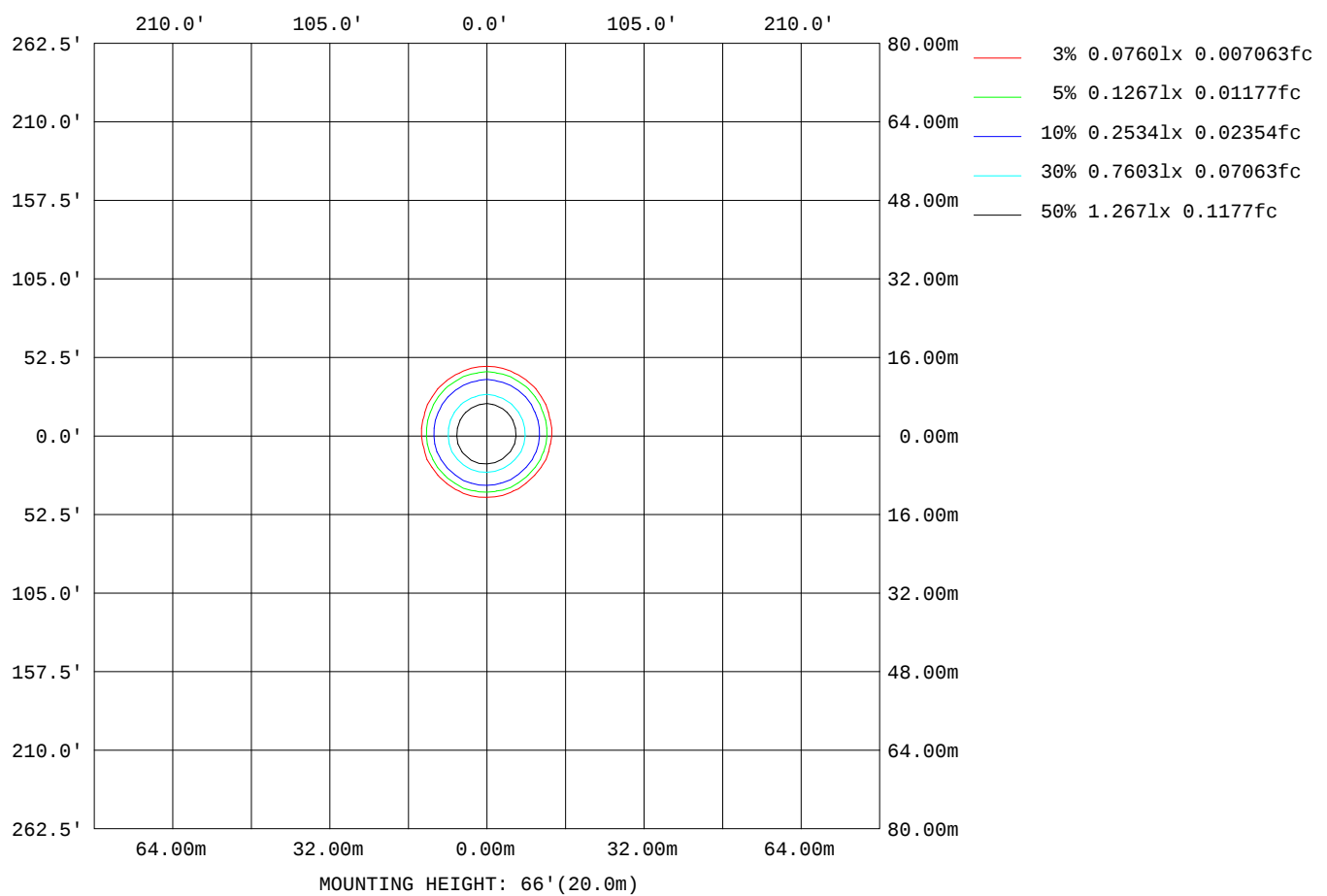
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature:28DEG
 Operators:CJY
 Test Date:2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
 Humidity:65.0%
 Test Distance:5.190m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 36D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: CJY
Test Date: 2020-08-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

LED Avg.L Report

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 36D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

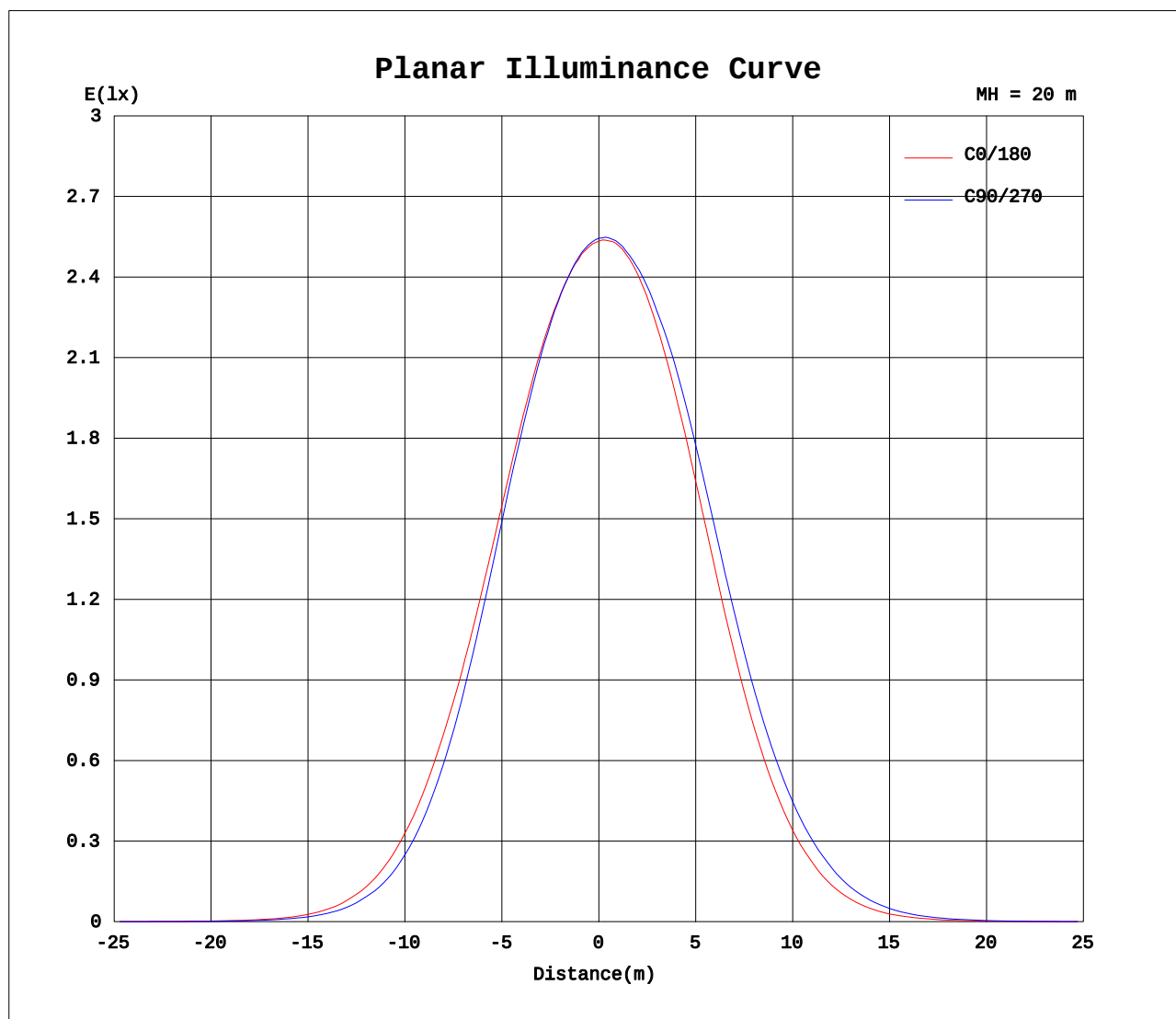
AvgL	cd/m2
L_0~180(65)av	98
L_0~180(75)av	156
L_0~180(85)av	517
L_90~270(65)av	97
L_90~270(75)av	162
L_90~270(85)av	515
L_45(65)av	98
L_45(75)av	157
L_45(85)av	564

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature:28DEG
Operators:CJY
Test Date:2020-08-26

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity:65.0%
Test Distance:5.190m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: CJY
Test Date: 2020-08-26

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.0.401
Humidity: 65.0%
Test Distance: 5.190m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

NAME: VF51RA01	TYPE:	WEIGHT:1
SPEC.:4000K 7W 90CRI 36D	DIM.:	SERIAL No.:
MFR.:	SUR.:	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	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016	1016			
5	963	959	951	957	958	972	980	987	992	995	999	999	995	990	982	966			
10	835	827	811	817	818	845	857	872	875	886	902	903	906	894	873	843			
15	639	627	605	605	606	635	647	669	677	693	721	729	738	721	695	653			
20	423	408	381	374	370	394	408	434	444	463	494	503	514	492	473	438			
25	232	218	193	186	182	197	208	231	242	261	287	295	305	290	277	248			
30	100	89.4	76.3	72.6	71.3	77.7	83.3	96.7	105	118	138	142	151	141	134	113			
35	34.0	29.2	24.6	23.6	22.9	24.9	26.5	31.9	36.4	42.4	51.3	55.1	58.4	54.5	50.6	40.0			
40	10.2	8.77	7.52	7.25	6.97	7.39	7.72	9.42	10.9	12.8	15.9	17.1	18.5	17.2	15.8	12.2			
45	3.41	2.98	2.50	2.26	2.01	2.04	2.04	2.34	2.68	3.20	4.14	4.74	5.46	5.25	4.98	3.93			
50	1.35	1.18	0.93	0.80	0.69	0.66	0.63	0.70	0.75	0.85	1.12	1.33	1.59	1.66	1.65	1.47			
55	0.43	0.34	0.25	0.20	0.18	0.15	0.17	0.18	0.19	0.23	0.29	0.35	0.46	0.13	0.55	0.49			
60	0.11	0.08	0.08	0.06	0.07	0.06	0.07	0.06	0.05	0.07	0.07	0.10	0.10	0.12	0.11	0.11			
65	0.07	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.05	0.06	0.05	0.05	0.05	0.06	0.05	0.06			
70	0.06	0.07	0.06	0.07	0.06	0.07	0.06	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06			
75	0.06	0.07	0.06	0.07	0.07	0.07	0.06	0.07	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.06			
80	0.06	0.07	0.07	0.08	0.07	0.08	0.07	0.07	0.06	0.05	0.06	0.05	0.06	0.05	0.06	0.06			
85	0.07	0.09	0.09	0.08	0.07	0.08	0.07	0.08	0.06	0.05	0.06	0.05	0.06	0.05	0.07	0.06			
90	0.08	0.08	0.08	0.08	0.07	0.08	0.07	0.09	0.07	0.06	0.06	0.06	0.07	0.08	0.08	0.07			
95	0.08	0.09	0.08	0.08	0.07	0.08	0.07	0.09	0.08	0.06	0.08	0.06	0.09	0.09	0.08	0.07			
100	0.08	0.09	0.08	0.09	0.07	0.09	0.07	0.09	0.08	0.06	0.08	0.07	0.08	0.09	0.08	0.07			
105	0.09	0.10	0.09	0.11	0.10	0.11	0.09	0.10	0.10	0.07	0.09	0.08	0.09	0.08	0.09	0.07			
110	0.11	0.15	0.15	0.17	0.16	0.17	0.15	0.15	0.14	0.11	0.13	0.10	0.12	0.10	0.12	0.12			
115	0.23	0.27	0.28	0.31	0.31	0.31	0.28	0.27	0.25	0.21	0.21	0.18	0.20	0.20	0.22	0.22			
120	0.48	0.52	0.56	0.60	0.60	0.59	0.55	0.51	0.47	0.43	0.40	0.38	0.38	0.39	0.42	0.45			
125	0.90	0.95	1.02	1.06	1.08	1.05	1.00	0.91	0.87	0.80	0.75	0.73	0.73	0.76	0.79	0.86			
130	1.52	1.59	1.68	1.72	1.76	1.71	1.65	1.53	1.45	1.38	1.29	1.28	1.27	1.33	1.37	1.47			
135	2.32	2.40	2.51	2.56	2.59	2.52	2.46	2.32	2.23	2.13	2.03	2.03	2.00	2.07	2.13	2.26			
140	3.26	3.34	3.45	3.49	3.51	3.45	3.38	3.23	3.13	3.03	2.92	2.92	2.89	2.96	3.02	3.17			
145	4.19	4.27	4.38	4.43	4.45	4.40	4.33	4.18	4.10	3.99	3.88	3.87	3.83	3.90	3.97	4.10			
150	5.03	5.09	5.18	5.25	5.27	5.23	5.18	5.06	5.00	4.90	4.80	4.79	4.75	4.80	4.84	4.94			
155	5.59	5.62	5.68	5.75	5.80	5.78	5.74	5.68	5.65	5.58	5.50	5.52	5.47	5.49	5.48	5.55			
160	5.77	5.77	5.80	5.88	5.92	5.95	5.92	5.92	5.91	5.88	5.85	5.90	5.85	5.84	5.78	5.77			
165	5.56	5.54	5.57	5.67	5.68	5.75	5.79	5.82	5.79	5.81	5.81	5.85	5.83	5.80	5.70	5.63			
170	5.21	5.18	5.20	5.30	5.33	5.40	5.47	5.55	5.47	5.54	5.50	5.49	5.47	5.45	5.40	5.36			
175	4.94	4.94	5.01	5.05	5.04	5.13	5.27	5.29	5.17	5.25	5.29	5.22	5.18	5.23	5.23	5.12			
180	5.03	5.04	5.14	5.09	5.10	5.12	5.23	5.15	5.03	5.04	5.14	5.09	5.10	5.12	5.22	5.15			

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