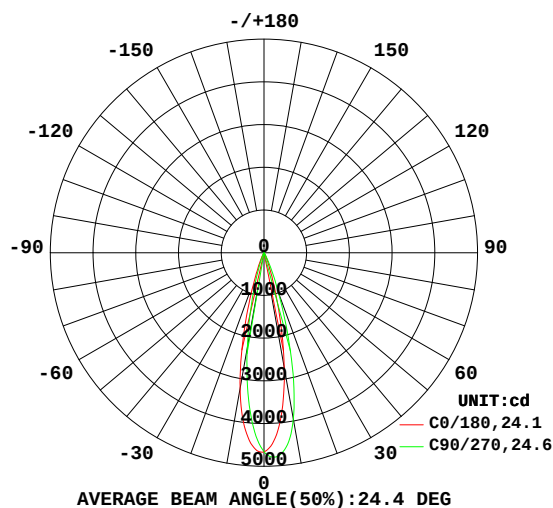


LUMINAIRE PHOTOMETRIC TEST REPORT

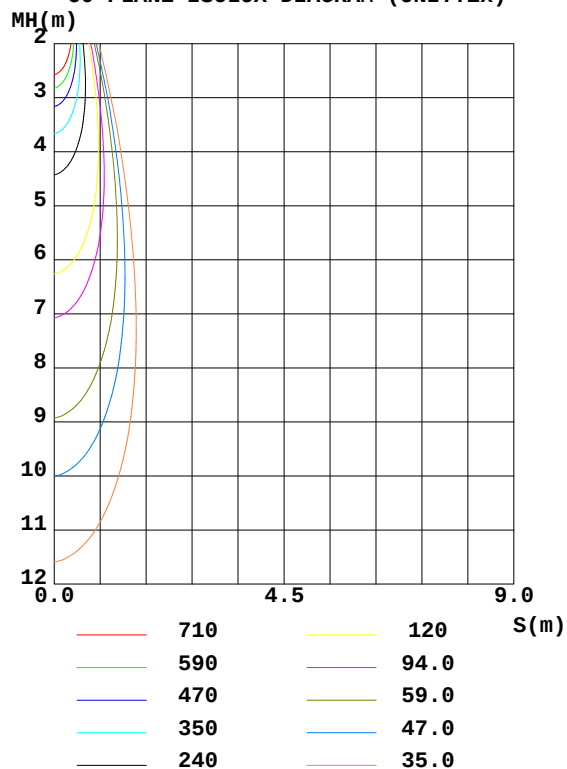
NAME: VF53SA02	TYPE:	WEIGHT:1
SPEC.:4000K 7*2W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 76.63 lm/W			
MODEL	VF53SA02	Imax(cd)	4826	S/MH(C0/180)	0.41
NOMINAL POWER(W)	14	LOR(%)	100.0	S/MH(C90/270)	0.33
RATED VOLTAGE(V)	230	TOTAL FLUX(lm)	960.97	η UP, DN(C0-180)	1.1, 59.0
NOMINAL FLUX(lm)	480.483	CIE CLASS	DIRECT	η UP, DN(C180-360)	1.3, 38.6
LAMPS INSIDE	2	η up(%)	2.4	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	120	η down(%)	97.6	CIBSE SHR MAX	1.00

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:

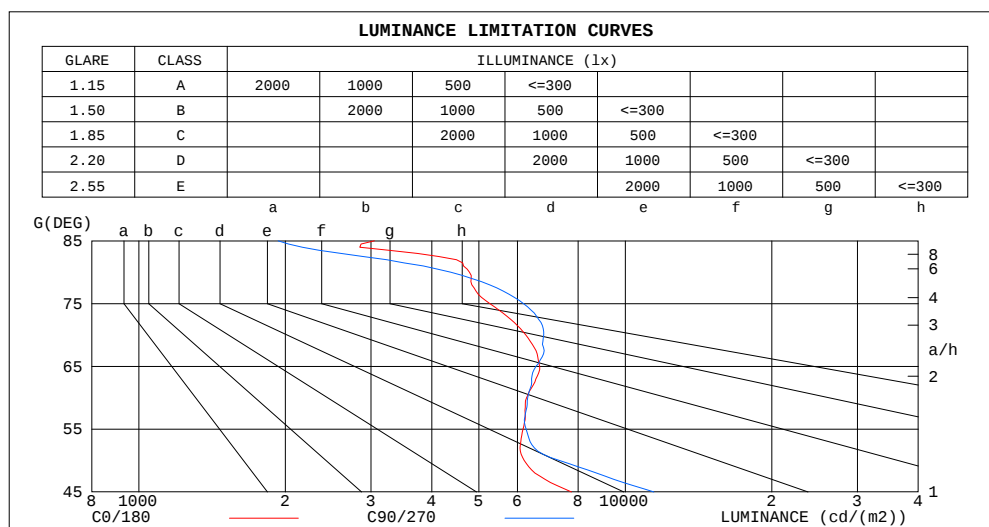
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2731	3429	3956	3881	3230	2558	2259	2278	0- 10	364.3	364.3	37.9, 37.9
20	404.2	623.8	986.6	937.3	578.3	364.9	303.7	302.2	10- 20	431.1	795.4	82.8, 82.8
30	56.22	84.10	117.6	108.5	72.07	49.74	41.37	42.08	20- 30	100.4	895.8	93.2, 93.2
40	15.02	19.75	23.78	22.44	16.47	11.87	10.92	11.57	30- 40	21.76	917.6	95.5, 95.5
50	6.335	6.850	7.558	7.037	5.847	5.574	5.654	5.943	40- 50	7.751	925.4	96.3, 96.3
60	4.985	5.116	5.065	4.875	4.530	4.441	4.523	4.821	50- 60	4.892	930.2	96.8, 96.8
70	3.396	3.952	3.736	3.642	3.100	3.001	3.023	3.313	60- 70	4.145	934.4	97.2, 97.2
80	1.321	1.725	1.221	1.472	1.018	1.189	1.185	1.372	70- 80	2.502	936.9	97.5, 97.5
90	0.2320	0.2175	0.2100	0.2041	0.1992	0.2136	0.2408	0.2283	80- 90	0.6110	937.5	97.6, 97.6
100	0.2384	0.2351	0.2365	0.2263	0.2627	0.2659	0.2743	0.2619	90-100	0.2492	937.8	97.6, 97.6
110	0.2756	0.2701	0.2652	0.2573	0.3150	0.3187	0.3341	0.3241	100-110	0.2837	938.0	97.6, 97.6
120	0.5485	0.4170	0.3845	0.3924	0.4993	0.6094	0.7906	0.7756	110-120	0.3752	938.4	97.7, 97.7
130	2.553	1.838	1.556	1.597	2.122	2.835	3.544	3.492	120-130	1.114	939.5	97.8, 97.8
140	7.834	6.549	5.786	5.852	7.004	8.282	9.222	9.115	130-140	3.613	943.1	98.1, 98.1
150	13.26	12.39	11.74	11.75	12.76	13.64	14.14	13.87	140-150	6.436	949.6	98.8, 98.8
160	14.44	14.62	14.82	14.74	15.03	14.95	14.85	13.98	150-160	6.575	956.2	99.5, 99.5
170	10.87	11.76	12.55	12.60	12.24	11.50	10.40	9.742	160-170	3.843	960.0	99.9, 99.9
180	8.850	9.026	8.737	8.912	8.864	9.030	8.754	8.926	170-180	0.9714	961.0	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: VF53SA02	TYPE:	WEIGHT:1
SPEC.:4000K 7*2W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	3048	1933
80	4782	4375
75	5263	6172
70	6242	6796
65	6668	6553
60	6268	6301
55	6162	6254
50	6196	7314
45	7746	11445

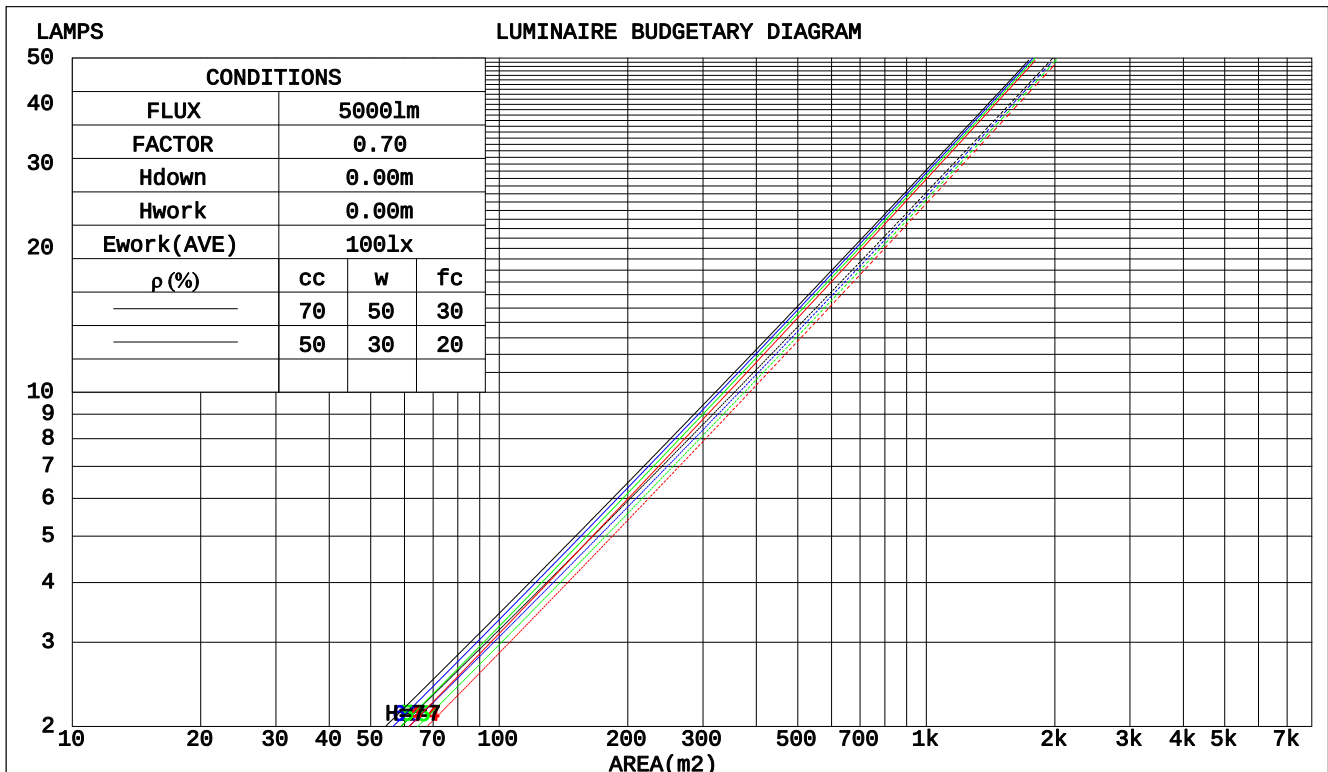
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
 Temperature: 28DEG
 Operators: CJY
 Test Date: 2020-08-26

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: vF53SA02	TYPE:	WEIGHT:1
SPEC.:4000K 7*2W 90CRI 24D	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	1.10	1.09	1.10	1.08	1.07	1.05	1.04	1.03	1.01	1.00	.99	.98	.97	.96	.94
2.0	1.07	1.04	1.01	1.05	1.02	1.00	1.02	.99	.98	.98	.97	.95	.95	.94	.93	.91
3.0	1.02	.99	.96	1.01	.98	.95	.98	.95	.93	.96	.93	.92	.93	.91	.90	.89
4.0	.99	.95	.92	.97	.94	.91	.95	.92	.90	.93	.90	.88	.91	.89	.87	.86
5.0	.95	.91	.88	.94	.90	.88	.92	.89	.87	.90	.88	.86	.89	.87	.85	.84
6.0	.92	.88	.85	.91	.87	.85	.90	.86	.84	.88	.85	.83	.87	.84	.82	.81
7.0	.89	.85	.82	.88	.85	.82	.87	.84	.81	.86	.83	.81	.85	.82	.80	.79
8.0	.87	.83	.80	.86	.82	.80	.85	.82	.79	.84	.81	.79	.83	.80	.78	.77
9.0	.84	.80	.78	.84	.80	.77	.83	.79	.77	.82	.79	.77	.81	.78	.76	.75
10.0	.82	.78	.76	.82	.78	.75	.81	.77	.75	.80	.77	.75	.79	.77	.75	.74



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: VF53SA02	TYPE:	WEIGHT:1
SPEC.:4000K 7*2W 90CRI 24D	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	.138	.079	.025	.131	.075	.024	.117	.067	.021	.105	.060	.019	.093	.054	.017		
2.0	.128	.070	.021	.121	.067	.021	.110	.061	.019	.099	.056	.017	.090	.051	.016		
3.0	.118	.063	.019	.113	.061	.018	.103	.056	.017	.094	.052	.016	.086	.048	.015		
4.0	.110	.057	.017	.106	.055	.016	.098	.052	.015	.090	.048	.015	.083	.045	.014		
5.0	.103	.053	.015	.100	.051	.015	.092	.048	.014	.086	.045	.013	.080	.043	.013		
6.0	.097	.049	.014	.094	.048	.014	.088	.045	.013	.082	.043	.013	.077	.040	.012		
7.0	.092	.046	.013	.089	.044	.013	.084	.042	.012	.079	.040	.012	.074	.038	.011		
8.0	.088	.043	.012	.085	.042	.012	.080	.040	.011	.076	.038	.011	.071	.037	.011		
9.0	.083	.040	.011	.081	.040	.011	.077	.038	.011	.073	.036	.010	.069	.035	.010		
10.0	.080	.038	.011	.078	.038	.010	.074	.036	.010	.070	.035	.010	.067	.034	.010		

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	.187	.176	.167	.160	.151	.143	.110	.104	.099	.063	.060	.058	.020	.019	.019	
2.0	.169	.152	.137	.145	.130	.118	.099	.090	.082	.057	.053	.048	.018	.017	.016	
3.0	.154	.132	.115	.132	.114	.099	.091	.079	.070	.052	.046	.041	.017	.015	.013	
4.0	.142	.117	.098	.122	.101	.085	.084	.070	.060	.048	.041	.035	.016	.013	.012	
5.0	.131	.105	.085	.113	.091	.074	.078	.063	.052	.045	.037	.031	.014	.012	.010	
6.0	.122	.095	.075	.105	.082	.065	.072	.057	.046	.042	.034	.027	.014	.011	.009	
7.0	.114	.087	.067	.098	.075	.058	.068	.053	.041	.039	.031	.025	.013	.010	.008	
8.0	.108	.080	.060	.093	.069	.053	.064	.049	.037	.037	.029	.022	.012	.009	.007	
9.0	.102	.074	.055	.088	.064	.048	.061	.045	.034	.035	.027	.020	.011	.009	.007	
10.0	.097	.069	.051	.084	.060	.044	.058	.042	.032	.034	.025	.019	.011	.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: vF53SA02						TYPE:			WEIGHT:1		
SPEC.:4000K 7*2W 90CRI 24D						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	9.8	10.4	10.0	10.6	10.8	11.4	12.0	11.6	12.2	12.4	
3H	11.0	11.6	11.3	11.8	12.1	12.2	12.8	12.5	13.0	13.2	
4H	11.5	12.1	11.8	12.3	12.6	12.6	13.2	12.9	13.4	13.7	
6H	11.8	12.4	12.2	12.6	12.9	12.8	13.3	13.1	13.6	13.9	
8H	11.9	12.4	12.3	12.7	13.0	12.8	13.3	13.2	13.6	13.9	
12H	12.0	12.4	12.3	12.7	13.1	12.8	13.3	13.2	13.6	13.9	
4H 2H	10.2	10.8	10.5	11.0	11.3	11.6	12.1	11.9	12.4	12.6	
3H	11.8	12.2	12.1	12.5	12.9	12.7	13.2	13.0	13.5	13.8	
4H	12.4	12.9	12.8	13.2	13.5	13.2	13.7	13.6	14.0	14.4	
6H	12.9	13.3	13.3	13.7	14.1	13.5	13.9	13.9	14.3	14.7	
8H	13.0	13.4	13.5	13.8	14.2	13.6	13.9	14.0	14.3	14.7	
12H	13.1	13.4	13.5	13.8	14.3	13.5	13.9	14.0	14.3	14.7	
8H 4H	12.7	13.1	13.1	13.5	13.9	13.4	13.8	13.9	14.2	14.6	
6H	13.4	13.7	13.8	14.1	14.6	13.8	14.2	14.3	14.6	15.1	
8H	13.6	13.9	14.1	14.3	14.8	13.9	14.2	14.4	14.6	15.1	
12H	13.7	13.9	14.2	14.4	14.9	13.9	14.1	14.4	14.6	15.1	
12H 4H	12.7	13.0	13.1	13.5	13.9	13.4	13.8	13.9	14.2	14.6	
6H	13.4	13.7	13.9	14.1	14.6	13.9	14.1	14.4	14.6	15.1	
8H	13.7	13.9	14.2	14.4	14.9	14.0	14.2	14.5	14.7	15.2	
Variations with the observer position at spacings:											
S = 1.0H	+ 0.4 / - 0.5					+ 0.9 / - 0.8					
1.5H	+ 0.8 / - 0.5					+ 2.0 / - 0.9					
2.0H	+ 0.2 / - 0.4					+ 0.9 / - 0.4					

CIE Pub.117, 961.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.1)

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: VF53SA02	TYPE:	WEIGHT:1
SPEC.:4000K 7*2W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

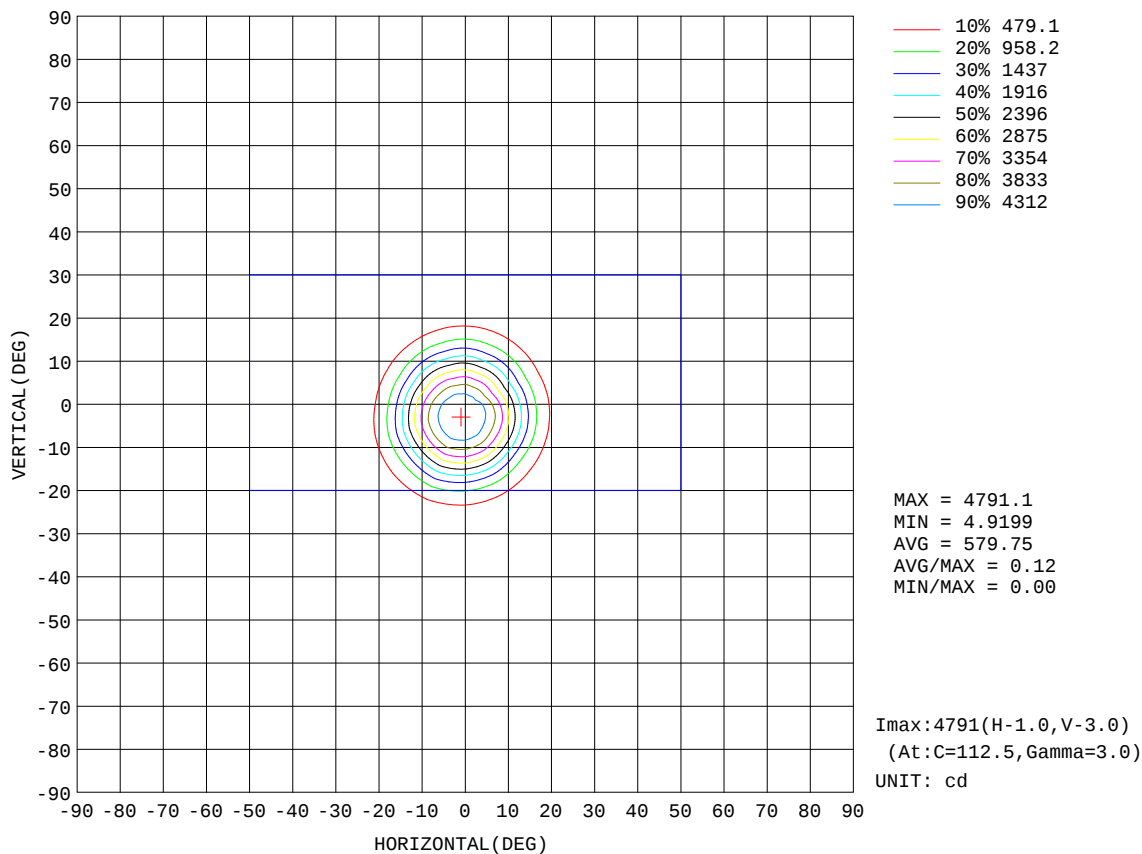
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	87	82	79	76
0.80	96	90	87	95	90	87	94	89	86	83
1.00	100	95	91	99	94	91	97	93	90	86
1.25	103	99	95	102	98	95	100	96	94	89
1.50	106	102	98	105	101	98	102	99	96	92
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	106	109	107	104	106	104	102	95
4.00	113	111	109	111	109	107	107	105	104	96
5.00	115	113	111	112	111	109	108	107	106	97
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: VF53SA02	TYPE:	WEIGHT:1
SPEC.:4000K 7*2W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

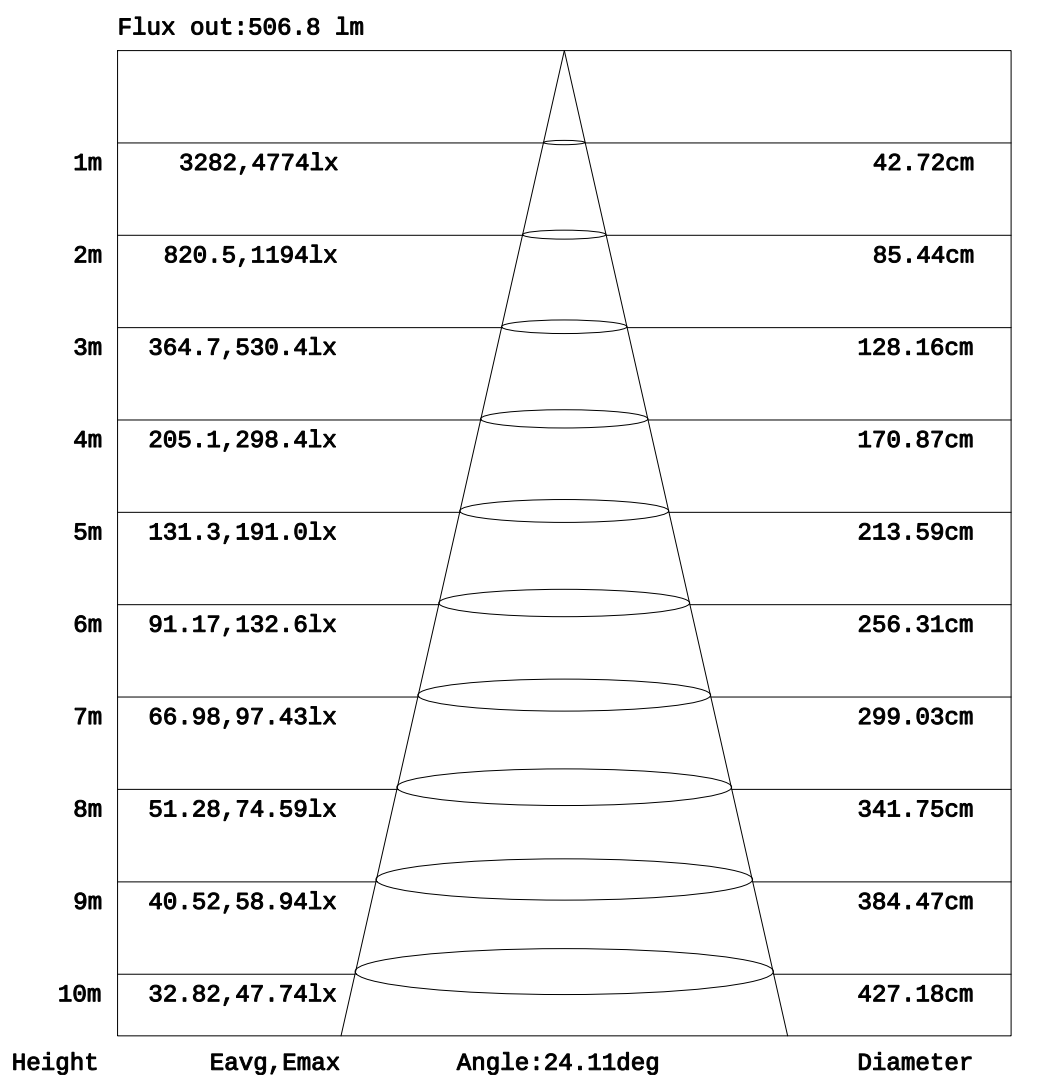


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: MEDIUM
Temperature: 28DEG
Operators: CJY
Test Date: 2020-08-26

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

AAI Figure

NAME: VF53SA02	TYPE:	WEIGHT:1
SPEC.:4000K 7*2W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:



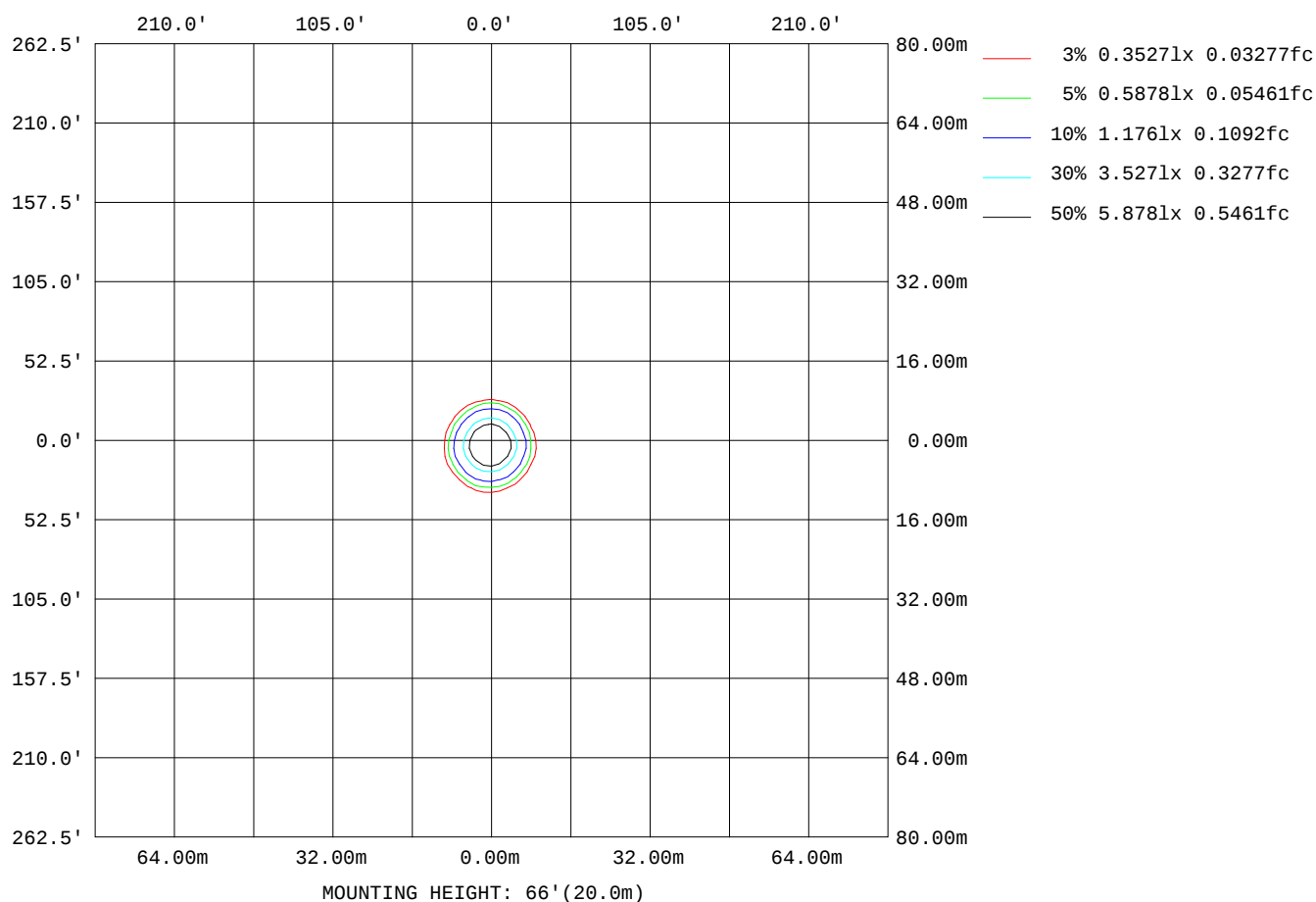
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: VF53SA02	TYPE:	WEIGHT:1
SPEC.:4000K 7*2W 90CRI 24D	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: VF53SA02	TYPE:	WEIGHT:1
SPEC.:4000K 7*2W 90CRI 24D	DIM.:	SERIAL No.:
MFR.:	SUR.:	Shielding Angle:

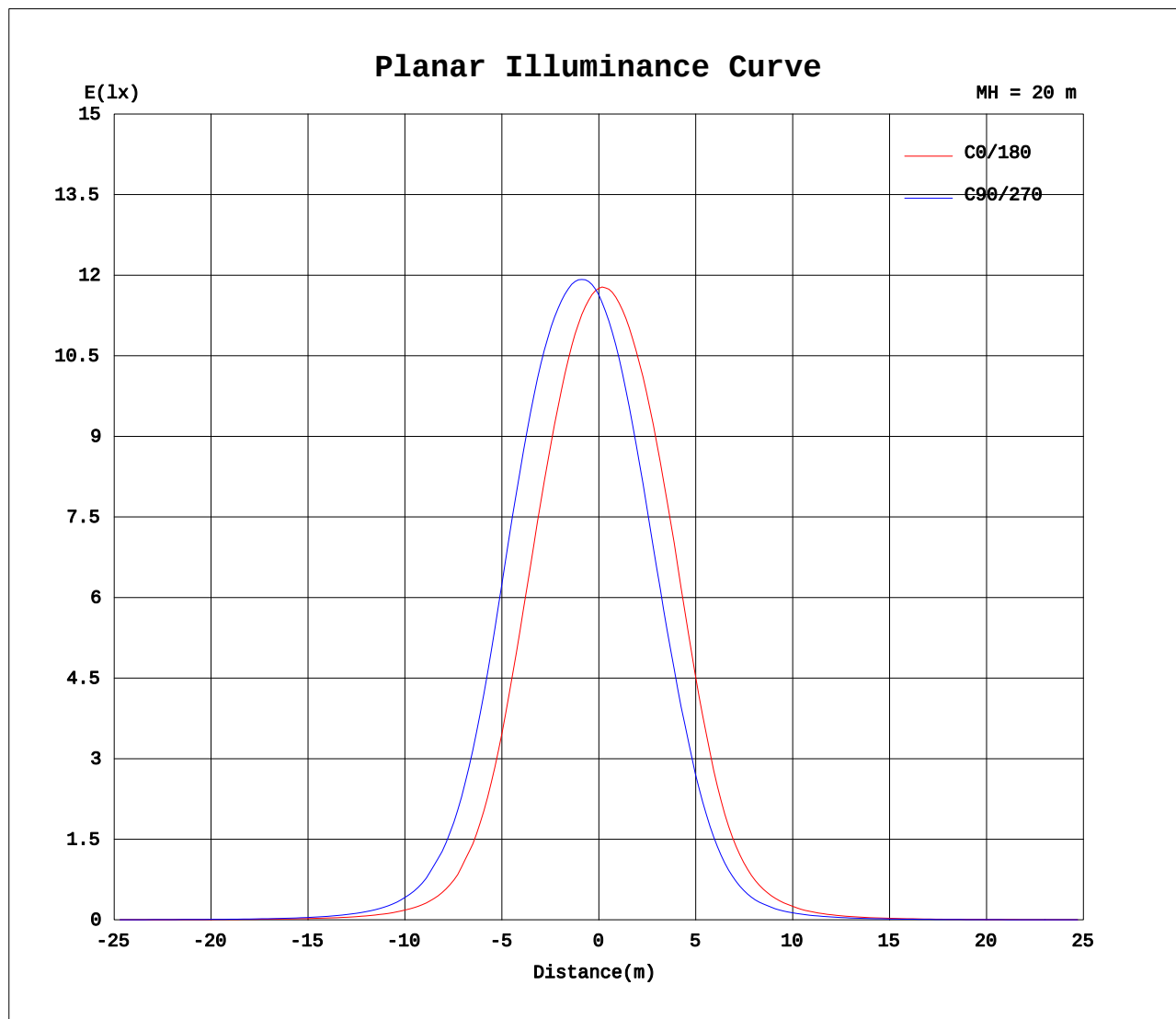
AvgL	cd/m2
L_0~180(65)av	6236
L_0~180(75)av	4972
L_0~180(85)av	2561
L_90~270(65)av	6139
L_90~270(75)av	5585
L_90~270(85)av	2573
L_45(65)av	6244
L_45(75)av	6010
L_45(85)av	3077

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: MEDIUM
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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: VF53SA02	TYPE:	WEIGHT:1
SPEC.:4000K 7*2W 90CRI 24D	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	4658	4658	4658	4658	4658	4658	4658	4658	4658	4658	4658	4658	4658	4658	4658	4658			
5	4073	4304	4462	4644	4718	4772	4682	4581	4333	4097	3930	3767	3728	3685	3748	3826			
10	2731	3132	3429	3781	3956	4066	3881	3686	3230	2820	2558	2323	2259	2193	2278	2367			
15	1253	1558	1802	2196	2413	2544	2313	2101	1674	1331	1149	1007	977	937	977	1023			
20	404	514	624	839	987	1086	937	807	578	444	365	310	304	288	302	322			
25	135	171	208	276	325	361	307	259	190	146	125	105	99.8	95.9	100	109			
30	56.2	70.0	84.1	105	118	127	109	91.8	72.1	58.1	49.7	43.3	41.4	40.3	42.1	45.1			
35	26.6	32.3	37.6	45.7	49.2	50.0	44.0	38.9	31.6	25.9	22.5	19.7	19.3	19.2	20.7	22.3			
40	15.0	17.6	19.7	22.5	23.8	24.1	22.4	20.1	16.5	13.6	11.9	10.7	10.9	10.8	11.6	12.8			
45	8.71	10.0	11.4	12.7	13.0	13.0	12.3	10.6	8.61	7.55	7.23	6.97	7.17	7.18	7.54	8.06			
50	6.34	6.59	6.85	7.47	7.56	7.53	7.04	6.45	5.85	5.61	5.57	5.56	5.65	5.76	5.94	6.17			
55	5.62	5.70	5.69	5.83	5.77	5.80	5.60	5.40	5.12	5.00	5.00	5.05	5.13	5.24	5.37	5.49			
60	4.99	5.08	5.12	5.18	5.07	5.04	4.87	4.73	4.53	4.48	4.44	4.45	4.52	4.65	4.82	4.94			
65	4.48	4.62	4.59	4.55	4.45	4.40	4.31	4.25	3.98	3.85	3.85	3.81	3.88	4.00	4.20	4.35			
70	3.40	3.81	3.95	3.85	3.74	3.71	3.64	3.59	3.10	2.85	3.00	2.95	3.02	3.11	3.31	3.39			
75	2.17	2.79	2.93	2.78	2.57	2.65	2.69	2.65	1.97	1.83	2.06	2.01	2.07	2.13	2.31	2.32			
80	1.32	1.78	1.73	1.44	1.22	1.35	1.47	1.49	1.02	1.09	1.19	1.15	1.19	1.24	1.37	1.38			
85	0.42	0.73	0.47	0.32	0.27	0.28	0.31	0.50	0.29	0.49	0.45	0.43	0.45	0.48	0.50	0.45			
90	0.23	0.22	0.22	0.21	0.21	0.21	0.20	0.21	0.20	0.20	0.21	0.24	0.24	0.26	0.23	0.22			
95	0.23	0.24	0.22	0.23	0.21	0.23	0.21	0.23	0.24	0.21	0.24	0.22	0.24	0.22	0.24	0.21			
100	0.24	0.25	0.24	0.25	0.24	0.24	0.23	0.25	0.26	0.24	0.27	0.25	0.27	0.25	0.26	0.24			
105	0.26	0.27	0.24	0.26	0.24	0.26	0.24	0.26	0.29	0.27	0.29	0.27	0.30	0.28	0.28	0.26			
110	0.28	0.29	0.27	0.28	0.27	0.28	0.26	0.29	0.32	0.29	0.32	0.31	0.33	0.31	0.32	0.29			
115	0.34	0.33	0.30	0.31	0.29	0.31	0.30	0.32	0.36	0.35	0.39	0.41	0.45	0.45	0.43	0.38			
120	0.55	0.48	0.42	0.40	0.38	0.40	0.39	0.43	0.50	0.54	0.61	0.71	0.79	0.84	0.78	0.69			
125	1.16	0.93	0.80	0.72	0.70	0.69	0.72	0.77	0.95	1.13	1.28	1.57	1.73	1.84	1.70	1.53			
130	2.55	2.10	1.84	1.61	1.56	1.50	1.60	1.69	2.12	2.49	2.83	3.31	3.54	3.72	3.49	3.21			
135	4.89	4.22	3.79	3.38	3.24	3.15	3.31	3.48	4.19	4.78	5.28	5.91	6.19	6.38	6.11	5.77			
140	7.83	7.09	6.55	6.03	5.79	5.67	5.85	6.13	7.00	7.72	8.28	8.95	9.22	9.41	9.11	8.79			
145	10.8	10.2	9.63	9.09	8.82	8.69	8.86	9.17	10.1	10.7	11.3	11.9	12.1	12.2	11.9	11.7			
150	13.3	12.8	12.4	12.0	11.7	11.6	11.7	12.0	12.8	13.3	13.6	14.0	14.1	14.2	13.9	13.8			
155	14.5	14.4	14.2	14.1	13.9	13.8	13.8	14.1	14.5	14.8	15.0	15.2	15.2	15.0	14.6	14.6			
160	14.4	14.6	14.6	14.9	14.8	14.9	14.7	14.9	15.0	15.0	14.9	15.0	14.9	14.4	14.0	14.1			
165	12.9	13.4	13.7	14.1	14.2	14.4	14.3	14.2	14.1	13.9	13.6	13.4	13.1	12.6	12.1	12.2			
170	10.9	11.4	11.8	12.3	12.6	12.7	12.6	12.6	12.2	12.0	11.5	10.9	10.4	9.92	9.74	10.03			
175	9.06	9.45	9.77	10.0	10.1	10.3	10.5	10.4	10.2	9.90	9.67	9.06	8.57	8.46	8.41	8.23			
180	8.85	8.87	9.03	8.79	8.74	8.68	8.91	8.56	8.86	8.85	9.03	8.77	8.75	8.68	8.93	8.55			

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