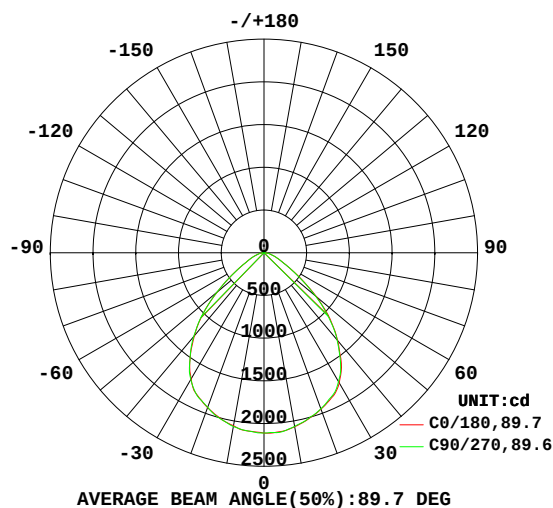


LUMINAIRE PHOTOMETRIC TEST REPORT

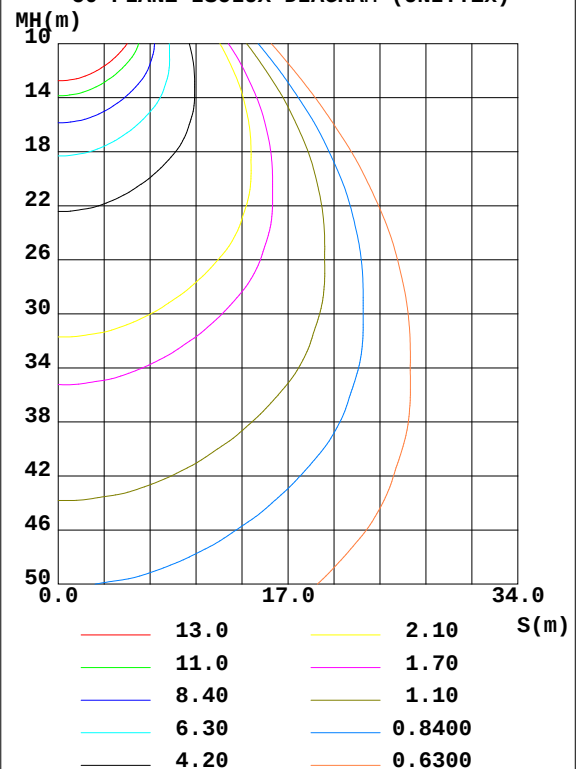
Test:U:231.78V I:0.1542A P:34.942W PF:0.9778 Freq:49.99Hz Lamp Flux:4211.45x1 lm		
NAME: SFR006-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 110mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 120.53 lm/W			
MODEL	2835 80 4000K	I _{max} (cd)	2113	S/MH(C0/180)	1.20
NOMINAL POWER(W)	38	LOR(%)	100.0	S/MH(C90/270)	1.21
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	4211.5	η UP, DN(C0-180)	0.8, 50.1
NOMINAL FLUX(lm)	4211.45	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 48.3
LAMPS INSIDE	1	η up(%)	1.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	98.4	CIBSE SHR MAX	1.30

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity: 65.0%
Test Distance: 7.880m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

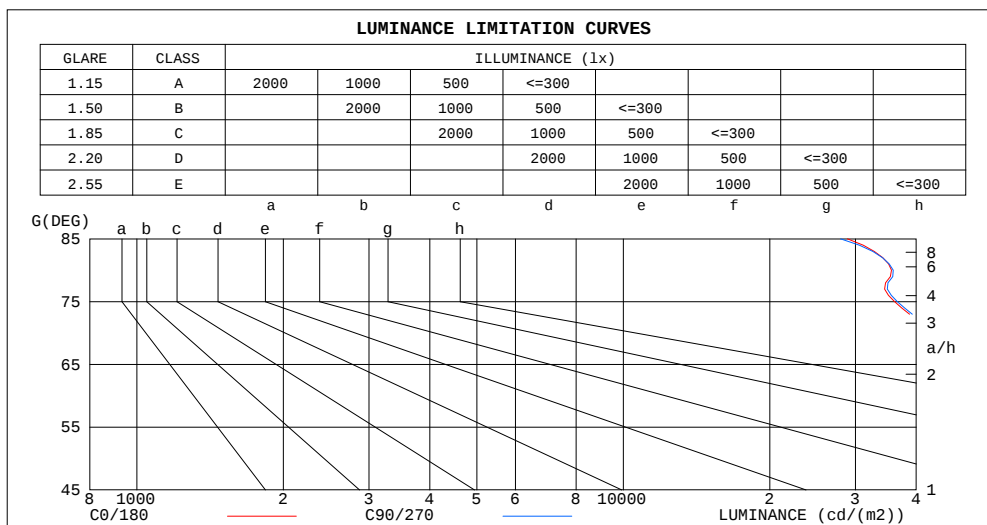
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	2069	2068	2064	2056	2057	2054	2066	2062	0- 10	199.1	199.1	4.73, 4.73
20	1948	1948	1945	1936	1930	1932	1925	1939	10- 20	566.1	765.2	18.2, 18.2
30	1761	1765	1743	1721	1705	1697	1713	1729	20- 30	852.6	1618	38.4, 38.4
40	1343	1360	1333	1303	1269	1264	1281	1316	30- 40	956.9	2575	61.1, 61.1
50	802.3	816.0	786.2	743.6	711.8	700.2	716.6	754.7	40- 50	799.8	3375	80.1, 80.1
60	323.2	333.7	320.2	301.2	287.1	278.4	287.8	303.8	50- 60	447.6	3822	90.8, 90.8
70	141.2	145.4	142.1	135.6	128.7	124.1	126.7	133.1	60- 70	203.2	4025	95.6, 95.6
80	58.70	60.06	59.17	57.47	54.50	52.10	53.70	56.67	70- 80	93.83	4119	97.8, 97.8
90	0.8178	0.7854	0.8039	0.8678	1.021	1.039	1.053	1.012	80- 90	26.15	4145	98.4, 98.4
100	1.969	1.891	1.937	2.042	2.400	2.441	2.400	2.308	90-100	1.681	4147	98.5, 98.5
110	4.186	4.021	4.136	4.310	4.983	5.011	4.960	4.735	100-110	3.519	4151	98.6, 98.6
120	7.859	7.602	7.813	8.126	9.124	9.045	9.036	8.636	110-120	6.376	4157	98.7, 98.7
130	12.68	12.33	12.72	13.08	14.26	14.04	13.87	13.30	120-130	9.758	4167	98.9, 98.9
140	17.20	16.95	17.56	17.77	18.85	18.60	18.41	17.67	130-140	12.05	4179	99.2, 99.2
150	20.57	20.54	21.33	21.31	22.22	22.33	21.92	21.55	140-150	12.32	4191	99.5, 99.5
160	23.50	23.42	24.50	24.07	24.88	24.81	25.17	24.12	150-160	10.54	4202	99.8, 99.8
170	26.25	26.71	27.13	27.15	27.33	27.42	27.12	26.64	160-170	7.230	4209	99.9, 99.9
180	28.82	29.48	28.68	29.17	28.85	29.51	28.70	29.16	170-180	2.652	4211	100, 100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2025-06-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.428
 Humidity: 65.0%
 Test Distance: 7.880m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:231.78V I:0.1542A P:34.942W PF:0.9778 Freq:49.99Hz Lamp Flux:4211.45x1 lm		
NAME: SFR006-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 110mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	28892	27952
80	35582	35870
75	36100	36572
70	43465	43725
65	52081	51644
60	68033	67420
55	95808	94278
50	131378	128746
45	162510	160038

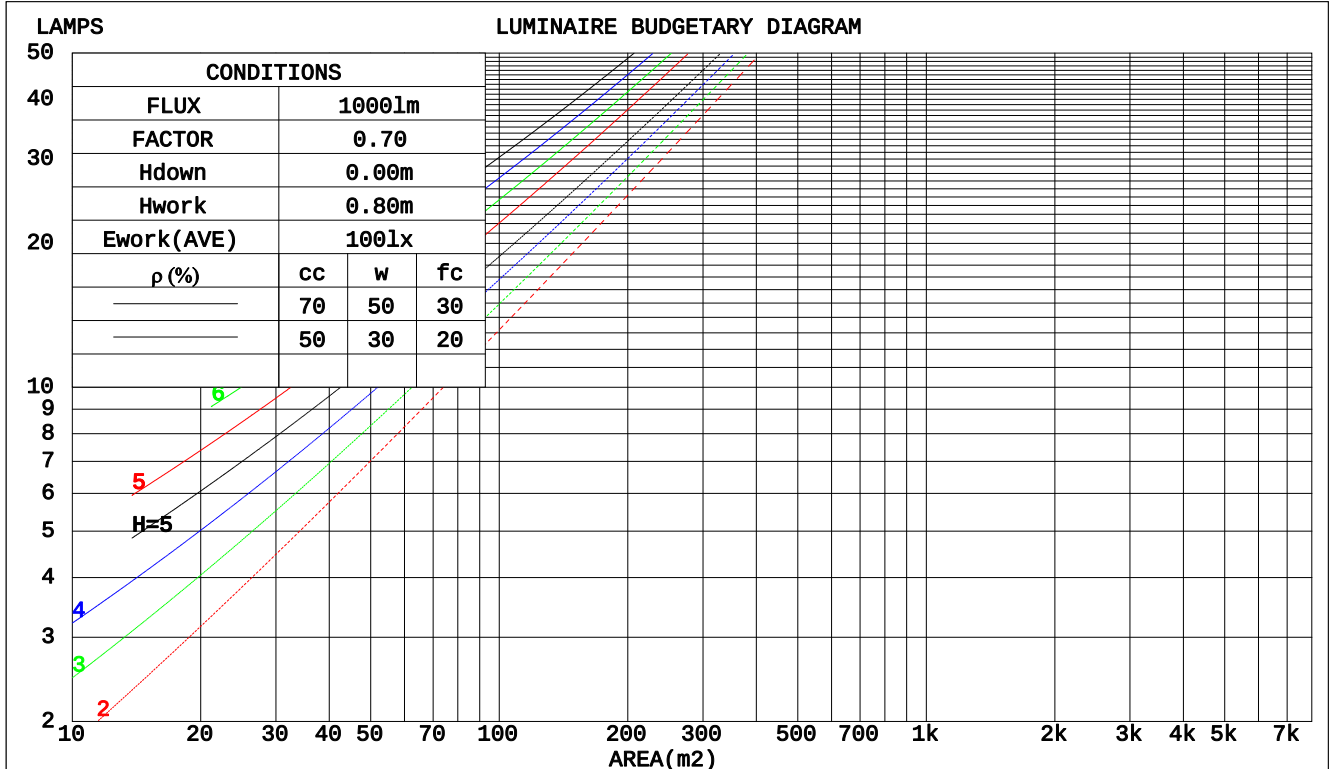
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity: 65.0%
Test Distance: 7.880m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:231.78V I:0.1542A P:34.942W PF:0.9778 Freq:49.99Hz Lamp Flux:4211.45x1 lm		
NAME: SFR006-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 110mm	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	Coefficients of Utilization(CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.98
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.00	.98	.95	.96	.94	.92	.92	.91	.89	.87
2.0	.96	.90	.86	.94	.89	.85	.90	.86	.83	.87	.84	.80	.84	.81	.78	.76
3.0	.86	.80	.74	.85	.78	.73	.82	.76	.72	.79	.74	.71	.76	.72	.69	.67
4.0	.78	.71	.65	.77	.70	.64	.74	.68	.63	.72	.67	.62	.69	.65	.61	.59
5.0	.71	.63	.57	.70	.62	.57	.67	.61	.56	.65	.60	.56	.64	.59	.55	.53
6.0	.65	.57	.51	.64	.56	.51	.62	.55	.50	.60	.54	.50	.58	.53	.49	.47
7.0	.59	.51	.46	.58	.51	.46	.57	.50	.45	.55	.49	.45	.54	.48	.44	.43
8.0	.54	.47	.41	.54	.46	.41	.52	.46	.41	.51	.45	.41	.50	.44	.40	.39
9.0	.50	.43	.38	.50	.42	.38	.48	.42	.37	.47	.41	.37	.46	.41	.37	.35
10.0	.47	.39	.34	.46	.39	.34	.45	.39	.34	.44	.38	.34	.43	.38	.34	.32



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:231.78V I:0.1542A P:34.942W PF:0.9778 Freq:49.99Hz Lamp Flux:4211.45x1 lm					
NAME: SFR006-WHTC3832S01			TYPE:		WEIGHT:
SPEC.: white RA80 3000K+5700K			DIM.:		SERIAL No.:
MFR.:			SUR.: 110mm		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	.244	.139	.044	.236	.135	.043	.222	.128	.041	.210	.121	.039	.198	.115	.037		
2.0	.235	.129	.040	.229	.126	.039	.217	.120	.037	.206	.115	.036	.195	.110	.035		
3.0	.223	.119	.036	.217	.116	.035	.207	.112	.034	.197	.108	.033	.188	.104	.032		
4.0	.210	.109	.032	.205	.107	.032	.196	.104	.031	.187	.100	.030	.179	.097	.030		
5.0	.198	.101	.029	.193	.099	.029	.185	.096	.028	.177	.094	.028	.170	.091	.027		
6.0	.186	.093	.027	.182	.092	.027	.175	.090	.026	.168	.087	.026	.162	.085	.025		
7.0	.176	.087	.025	.172	.086	.024	.166	.084	.024	.159	.082	.024	.154	.080	.023		
8.0	.166	.081	.023	.163	.080	.023	.157	.078	.022	.151	.077	.022	.146	.075	.022		
9.0	.157	.076	.021	.154	.075	.021	.149	.074	.021	.144	.072	.021	.139	.071	.020		
10.0	.149	.072	.020	.147	.071	.020	.142	.069	.020	.137	.068	.019	.133	.067	.019		

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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.188	.169	.152	.161	.145	.131	.110	.100	.090	.063	.058	.052	.020	.019	.017	
2.0	.177	.144	.117	.151	.124	.101	.104	.086	.071	.060	.050	.041	.019	.016	.013	
3.0	.168	.126	.093	.144	.109	.081	.099	.076	.057	.057	.044	.033	.018	.014	.011	
4.0	.159	.112	.076	.137	.097	.066	.094	.068	.047	.054	.040	.028	.018	.013	.009	
5.0	.152	.102	.064	.131	.088	.056	.090	.061	.040	.052	.036	.023	.017	.012	.008	
6.0	.145	.093	.055	.125	.081	.048	.086	.056	.034	.050	.033	.020	.016	.011	.007	
7.0	.139	.086	.049	.120	.075	.042	.083	.052	.030	.048	.031	.018	.016	.010	.006	
8.0	.133	.080	.044	.115	.069	.038	.079	.049	.027	.046	.029	.016	.015	.009	.005	
9.0	.128	.075	.040	.110	.065	.035	.076	.046	.025	.044	.027	.015	.014	.009	.005	
10.0	.123	.071	.036	.106	.062	.032	.073	.043	.023	.043	.026	.013	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:231.78V I:0.1542A P:34.942W PF:0.9778 Freq:49.99Hz Lamp Flux:4211.45x1 lm										
NAME: SFR006-WHTC3832S01					TYPE:			WEIGHT:		
SPEC.: white RA80 3000K+5700K					DIM.:			SERIAL No.:		
MFR.:					SUR.: 110mm			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	23.2	24.5	23.5	24.7	24.9	23.2	24.5	23.4	24.7	24.9
3H	23.5	24.7	23.8	24.9	25.2	23.5	24.6	23.8	24.9	25.1
4H	23.6	24.7	23.9	25.0	25.2	23.6	24.7	23.9	24.9	25.2
6H	23.7	24.7	24.0	25.0	25.3	23.6	24.7	24.0	25.0	25.3
8H	23.7	24.7	24.0	25.0	25.3	23.7	24.7	24.0	25.0	25.3
12H	23.7	24.6	24.0	25.0	25.3	23.7	24.6	24.0	24.9	25.3
4H 2H	23.3	24.4	23.6	24.7	24.9	23.3	24.4	23.6	24.6	24.9
3H	23.7	24.7	24.1	25.0	25.3	23.7	24.6	24.0	25.0	25.3
4H	23.9	24.7	24.3	25.1	25.4	23.9	24.7	24.2	25.1	25.4
6H	24.0	24.8	24.5	25.2	25.6	24.0	24.8	24.4	25.2	25.6
8H	24.1	24.8	24.5	25.2	25.6	24.1	24.8	24.5	25.2	25.6
12H	24.1	24.8	24.6	25.2	25.6	24.1	24.8	24.6	25.2	25.6
8H 4H	23.9	24.6	24.3	25.0	25.4	23.9	24.6	24.3	25.0	25.4
6H	24.1	24.7	24.6	25.2	25.6	24.1	24.7	24.6	25.1	25.6
8H	24.3	24.8	24.7	25.2	25.7	24.3	24.8	24.7	25.2	25.7
12H	24.3	24.8	24.8	25.3	25.8	24.3	24.8	24.8	25.2	25.7
12H 4H	23.9	24.5	24.3	24.9	25.4	23.8	24.5	24.3	24.9	25.3
6H	24.2	24.7	24.6	25.1	25.6	24.1	24.7	24.6	25.1	25.6
8H	24.3	24.7	24.8	25.2	25.7	24.3	24.7	24.8	25.2	25.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.8 / - 1.1					+ 0.9 / - 1.1				
1.5H	+ 0.5 / - 0.6					+ 0.5 / - 0.6				
2.0H	+ 2.0 / - 1.9					+ 2.0 / - 1.8				

CIE Pub.117, 4211 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.0)
Area: 0.0095 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:231.78V I:0.1542A P:34.942W PF:0.9778 Freq:49.99Hz Lamp Flux:4211.45x1 lm		
NAME: SFR006-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 110mm	Shielding Angle:

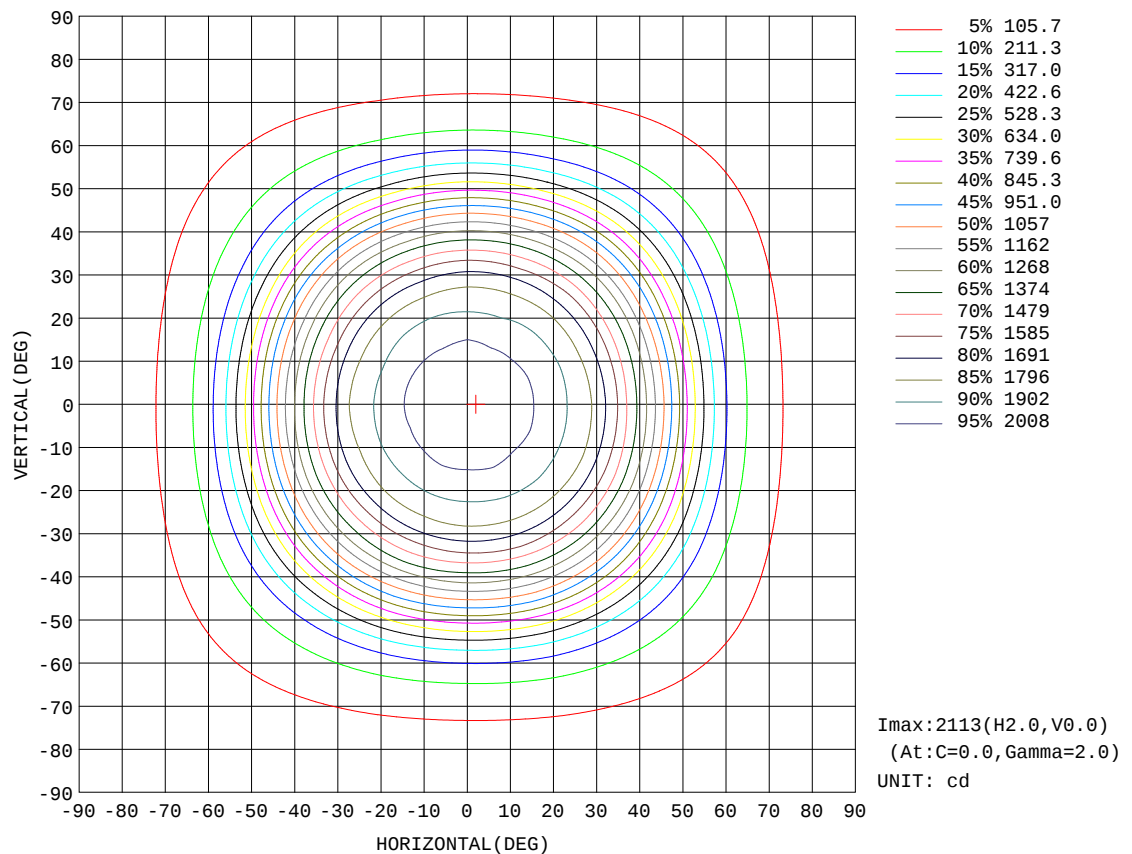
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	67	57	51	66	57	51	65	56	51	45
0.80	77	67	61	76	67	61	74	66	61	55
1.00	85	76	70	84	75	70	82	76	69	63
1.25	91	83	77	90	82	77	87	81	76	70
1.50	95	88	82	94	87	82	91	85	80	74
2.00	101	94	89	99	93	88	96	91	87	80
2.50	104	98	93	102	96	92	98	93	90	82
3.00	106	101	97	104	99	95	100	96	93	85
4.00	109	105	101	107	103	100	103	99	97	88
5.00	111	107	104	108	105	102	104	101	99	90
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:25DEG
Operators:
Test Date:2025-06-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:231.78V I:0.1542A P:34.942W PF:0.9778 Freq:49.99Hz Lamp Flux:4211.45x1 lm		
NAME: SFR006-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 110mm	Shielding Angle:

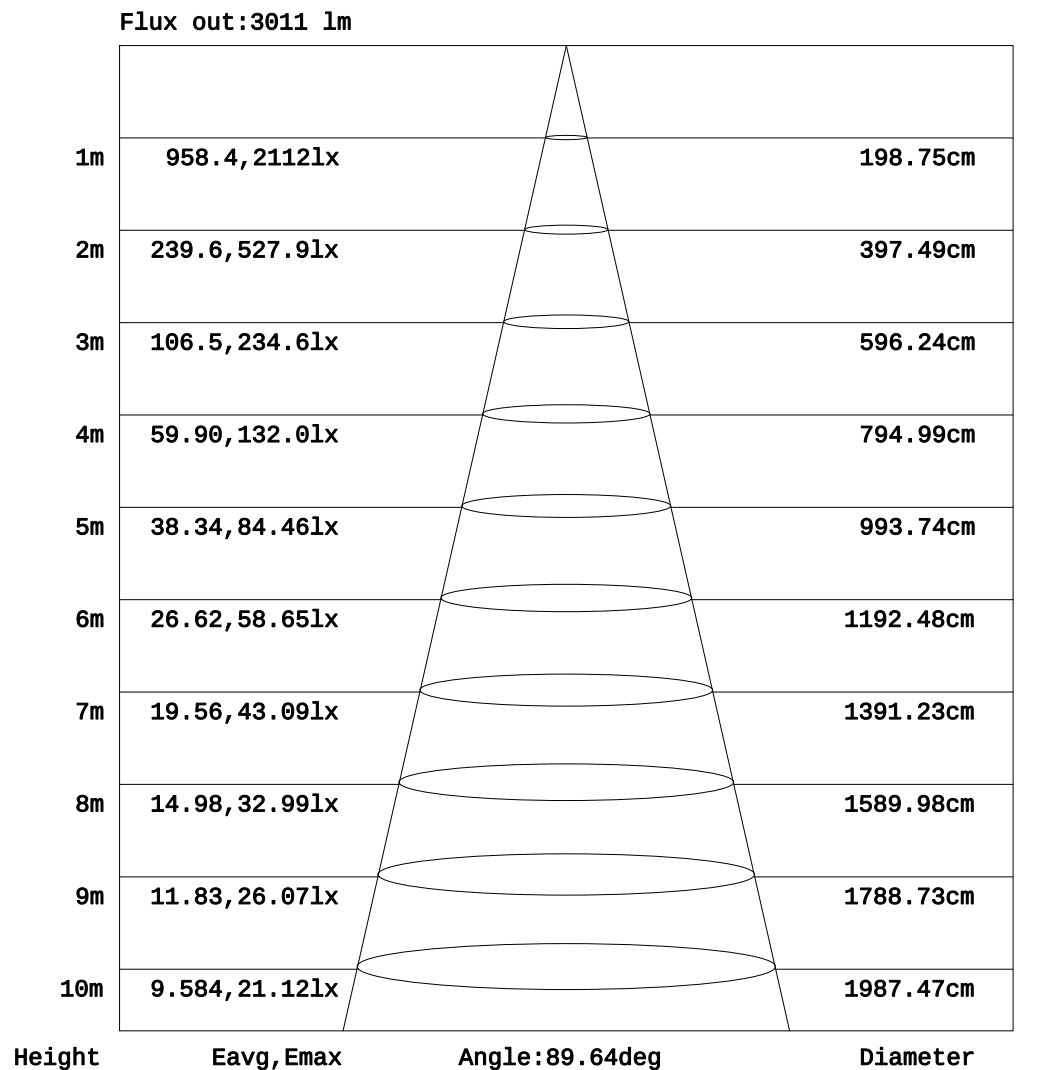


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

AAI Figure

Test:U:231.78V I:0.1542A P:34.942W PF:0.9778 Freq:49.99Hz Lamp Flux:4211.45x1 lm		
NAME: SFR006-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 110mm	Shielding Angle:



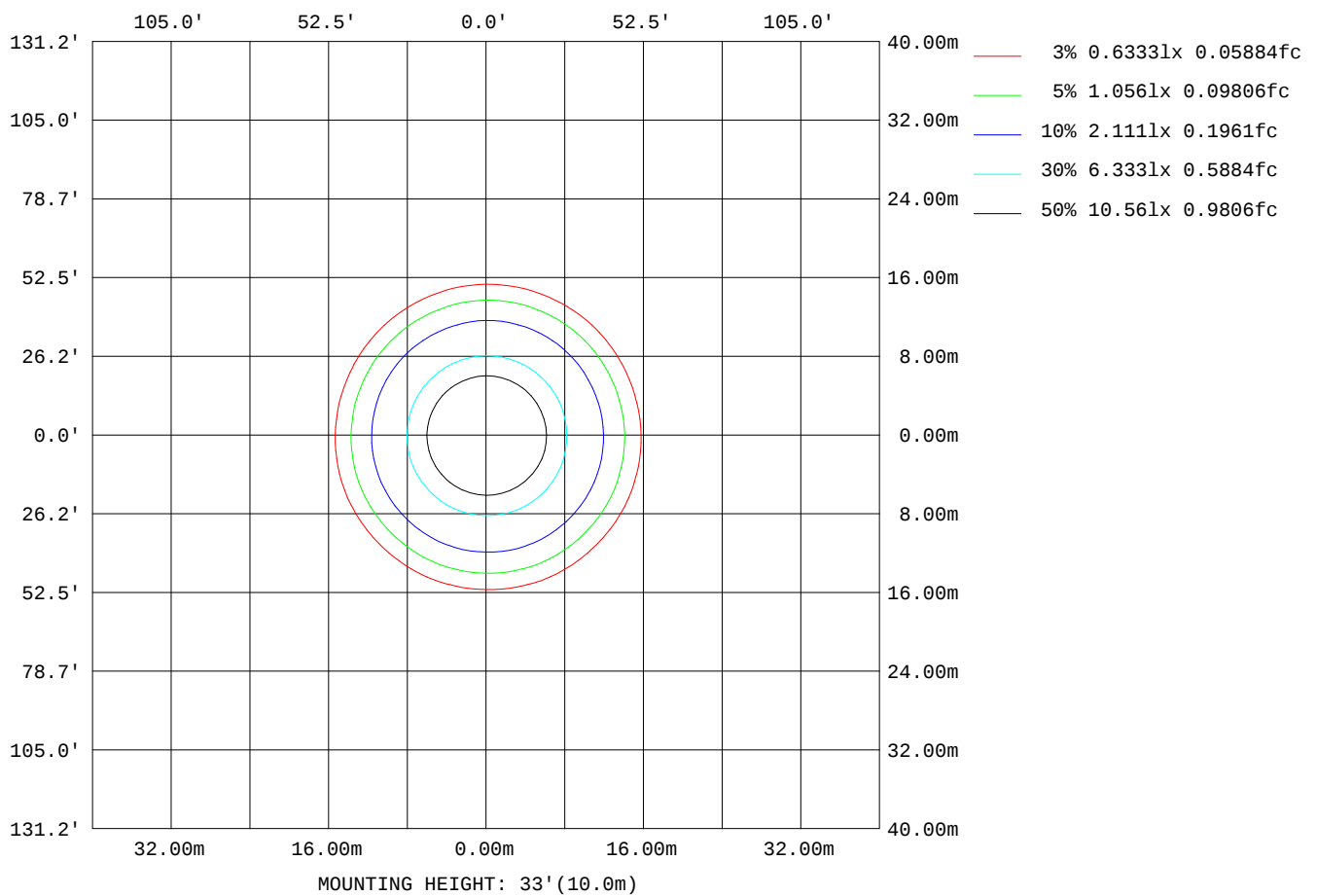
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-24

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity:65.0%
Test Distance:7.880m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:231.78V I:0.1542A P:34.942W PF:0.9778 Freq:49.99Hz Lamp Flux:4211.45x1 lm		
NAME: SFR006-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 110mm	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.428
Humidity: 65.0%
Test Distance: 7.880m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:231.78V I:0.1542A P:34.942W PF:0.9778 Freq:49.99Hz Lamp Flux:4211.45x1 lm		
NAME: SFR006-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 110mm	Shielding Angle:

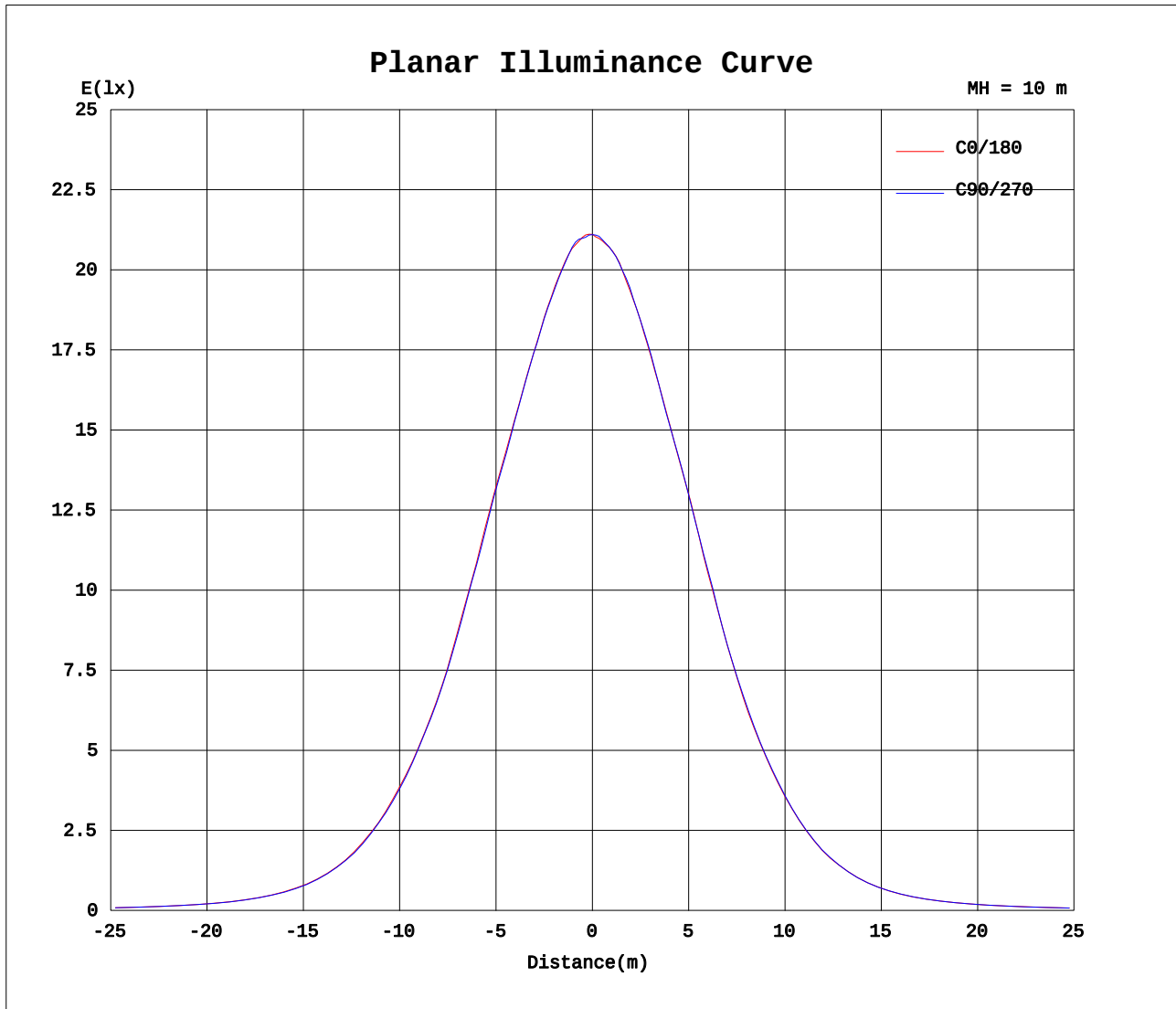
AvgL	cd/m2
L_0~180(65)av	49817
L_0~180(75)av	34567
L_0~180(85)av	27283
L_90~270(65)av	49389
L_90~270(75)av	34541
L_90~270(85)av	27519
L_45(65)av	49699
L_45(75)av	34434
L_45(85)av	27220

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25DEG
 Operators:
 Test Date: 2025-06-24

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE G0-2000B_V1 SYSTEM V2.00.428
 Humidity: 65.0%
 Test Distance: 7.880m [K=1.0000]
 Remarks:

Planar Illuminance Curve



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LUMINOUS DISTRIBUTION INTENSITY DATA

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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	2111	2110	2110	2109	2110	2109	2108	2108	2111	2110	2110	2109	2110	2109	2108	2108			
5	2102	2098	2096	2099	2110	2105	2094	2095	2094	2092	2095	2091	2096	2094	2088	2093			
10	2069	2069	2068	2071	2064	2064	2056	2057	2057	2053	2054	2051	2066	2056	2062	2061			
15	2013	2017	2010	2016	2010	2011	2004	2001	2001	2002	1994	1996	2007	2000	2002	2013			
20	1948	1955	1948	1951	1945	1939	1936	1928	1930	1928	1932	1925	1925	1921	1939	1939			
25	1873	1874	1881	1875	1862	1861	1851	1849	1843	1843	1834	1836	1848	1850	1856	1868			
30	1761	1773	1765	1758	1743	1738	1721	1715	1705	1695	1697	1697	1713	1721	1729	1740			
35	1579	1589	1581	1584	1562	1541	1525	1519	1507	1490	1496	1496	1510	1517	1550	1561			
40	1343	1358	1360	1353	1333	1324	1303	1291	1269	1258	1264	1260	1281	1295	1316	1331			
45	1092	1101	1109	1102	1075	1057	1038	1022	1007	999	991	995	1014	1030	1051	1065			
50	802	810	816	809	786	770	744	729	712	705	700	700	717	734	755	771			
55	522	539	536	533	514	505	483	476	462	447	448	448	462	471	490	503			
60	323	336	334	332	320	313	301	297	287	276	278	277	288	290	304	312			
65	209	215	214	214	207	205	199	195	191	187	186	185	189	192	198	202			
70	141	146	145	146	142	140	136	133	129	125	124	124	127	129	133	136			
75	88.8	90.9	90.8	91.5	89.9	89.1	86.3	84.1	81.2	78.5	78.0	77.9	79.9	80.9	83.6	85.5			
80	58.7	60.0	60.1	60.4	59.2	58.9	57.5	56.6	54.5	52.4	52.1	51.9	53.7	54.6	56.7	57.6			
85	23.9	24.7	24.3	24.6	23.1	22.9	21.6	21.4	21.3	20.4	20.8	21.0	22.4	22.9	23.4	23.3			
90	0.82	0.83	0.79	0.82	0.80	0.85	0.87	0.90	1.02	1.02	1.04	1.02	1.05	1.90	1.01	0.93			
95	1.29	1.29	1.24	1.27	1.28	1.33	1.34	1.40	1.59	1.58	1.61	1.58	1.60	2.71	1.54	1.46			
100	1.97	1.94	1.89	1.92	1.94	2.00	2.04	2.10	2.40	2.41	2.44	2.40	2.40	3.68	2.31	2.19			
105	2.93	2.86	2.82	2.84	2.89	2.95	3.01	3.11	3.53	3.55	3.56	3.53	3.51	4.84	3.37	3.23			
110	4.19	4.07	4.02	4.04	4.14	4.20	4.31	4.44	4.98	5.02	5.01	4.99	4.96	6.41	4.73	4.58			
115	5.84	5.67	5.63	5.62	5.78	5.84	6.03	6.17	6.84	6.88	6.84	6.83	6.85	8.53	6.51	6.35			
120	7.86	7.66	7.60	7.61	7.81	7.90	8.13	8.33	9.12	9.15	9.05	9.01	9.04	11.0	8.64	8.46			
125	10.2	9.95	9.90	9.89	10.2	10.3	10.6	10.8	11.6	11.7	11.5	11.4	11.4	13.5	10.9	10.8			
130	12.7	12.3	12.3	12.3	12.7	12.8	13.1	13.3	14.3	14.2	14.0	13.9	13.9	15.8	13.3	13.2			
135	15.0	14.7	14.7	14.7	15.1	15.2	15.6	15.7	16.7	16.6	16.5	16.2	16.2	16.2	15.6	15.5			
140	17.2	16.8	16.9	17.0	17.6	17.5	17.8	17.9	18.8	18.8	18.6	18.4	18.4	18.1	17.7	17.6			
145	19.1	18.7	18.9	19.1	19.7	19.5	19.7	19.8	20.7	20.6	20.6	20.3	20.4	19.8	19.7	19.4			
150	20.6	20.3	20.5	20.7	21.3	21.1	21.3	21.4	22.2	22.1	22.3	21.9	21.9	21.3	21.5	21.0			
155	22.1	21.9	22.0	22.4	22.9	22.7	22.6	23.0	23.7	23.5	23.7	23.7	23.6	23.1	22.9	22.5			
160	23.5	23.3	23.4	24.0	24.5	24.2	24.1	24.4	24.9	24.7	24.8	25.1	25.2	24.6	24.1	23.7			
165	24.9	24.7	25.1	25.5	25.8	25.7	25.7	26.0	26.2	26.2	26.1	26.3	26.2	25.9	25.3	25.2			
170	26.3	26.3	26.7	27.2	27.1	27.1	27.1	27.4	27.3	27.7	27.4	27.2	27.1	27.0	26.6	26.6			
175	27.6	27.8	28.4	28.3	27.9	28.0	28.5	28.6	28.3	28.8	28.8	28.3	27.9	28.0	28.1	27.9			
180	28.8	29.0	29.5	29.0	28.7	28.7	29.2	28.9	28.8	29.1	29.5	28.9	28.7	28.6	29.2	28.9			

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