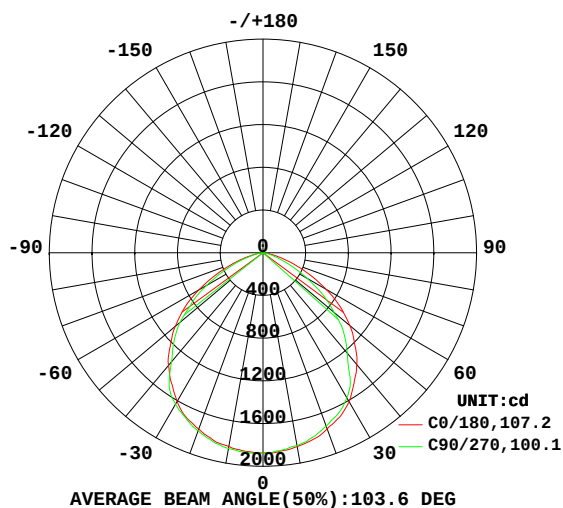


LUMINAIRE PHOTOMETRIC TEST REPORT

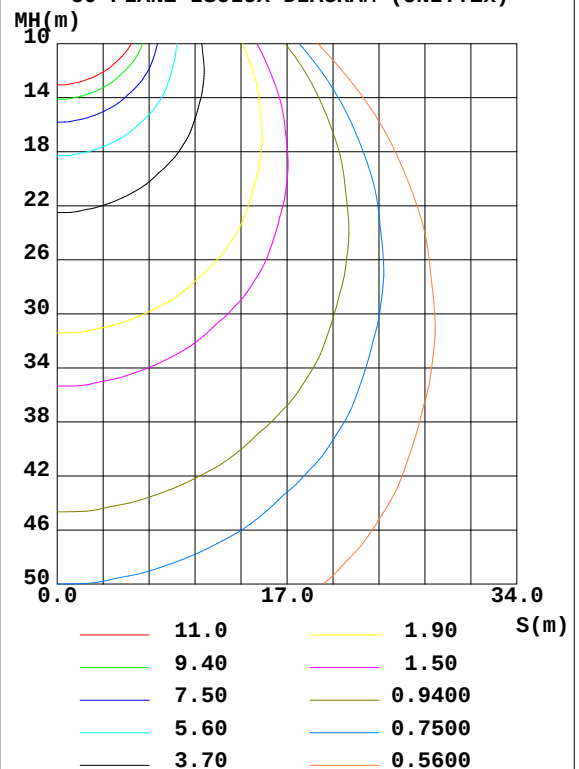
Test:U:231.81V I:0.1608A P:36.098W PF:0.9684 Freq:49.99Hz Lamp Flux:4682.47x1 lm		
NAME: SFS009-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 150*80mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 129.71 lm/W			
MODEL	2835 168 4000K	I _{max} (cd)	1884	S/MH(C0/180)	1.27
NOMINAL POWER(W)	38	LOR(%)	100.0	S/MH(C90/270)	1.30
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	4682.5	η UP, DN(C0-180)	0.8, 47.6
NOMINAL FLUX(lm)	4682.47	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 50.9
LAMPS INSIDE	1	η up(%)	1.6	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	220	η down(%)	98.4	CIBSE SHR MAX	1.35

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:

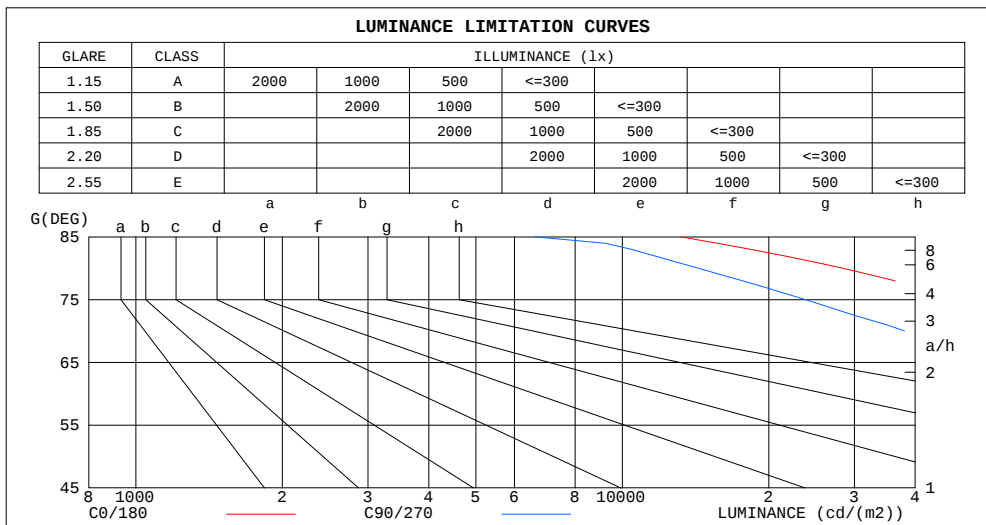
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	1843	1836	1836	1837	1842	1858	1862	1857	0- 10	177.7	177.7	3.79, 3.79
20	1756	1733	1730	1736	1757	1774	1774	1776	10- 20	510.6	688.3	14.7, 14.7
30	1613	1583	1569	1586	1609	1634	1637	1636	20- 30	779.3	1468	31.3, 31.3
40	1367	1350	1227	1336	1376	1417	1331	1420	30- 40	932.6	2400	51.3, 51.3
50	1063	956.0	871.0	958.9	1073	1051	1016	1057	40- 50	913.7	3314	70.8, 70.8
60	680.6	547.8	472.3	550.1	692.5	648.7	606.3	656.4	50- 60	727.9	4042	86.3, 86.3
70	296.8	206.8	156.0	205.7	300.5	265.7	240.4	273.1	60- 70	409.3	4451	95.1, 95.1
80	59.14	41.44	29.86	40.79	58.88	61.34	49.48	65.57	70- 80	139.6	4591	98, 98
90	1.438	1.406	1.268	1.406	1.619	1.315	1.167	1.379	80- 90	19.11	4610	98.4, 98.4
100	3.644	3.520	3.240	3.534	3.926	3.159	2.736	3.219	90-100	2.442	4612	98.5, 98.5
110	7.322	7.060	6.688	7.106	7.694	6.417	5.774	6.527	100-110	5.269	4618	98.6, 98.6
120	11.44	11.21	10.88	11.35	12.09	10.57	9.817	10.73	110-120	8.803	4626	98.8, 98.8
130	15.17	15.05	15.01	15.31	15.97	14.60	14.00	14.74	120-130	11.64	4638	99.1, 99.1
140	18.06	18.29	18.70	18.59	18.98	17.99	17.74	18.03	130-140	12.86	4651	99.3, 99.3
150	20.33	20.78	21.45	21.17	21.33	20.90	20.65	20.94	140-150	12.30	4663	99.6, 99.6
160	22.36	22.66	23.48	23.10	23.24	22.87	23.11	22.72	150-160	10.13	4673	99.8, 99.8
170	24.19	24.79	25.12	25.13	24.96	24.89	24.61	24.50	160-170	6.743	4680	99.9, 99.9
180	26.06	26.77	26.12	26.57	26.07	26.77	26.14	26.54	170-180	2.424	4682	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:231.81V I:0.1608A P:36.098W PF:0.9684 Freq:49.99Hz Lamp Flux:4682.47x1 lm		
NAME: SFS009-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 150*80mm	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	13188	6608
80	28381	14332
75	49539	23758
70	72316	38000
65	93936	58223
60	113437	78722
55	128390	99119
50	137861	112925
45	143205	126469

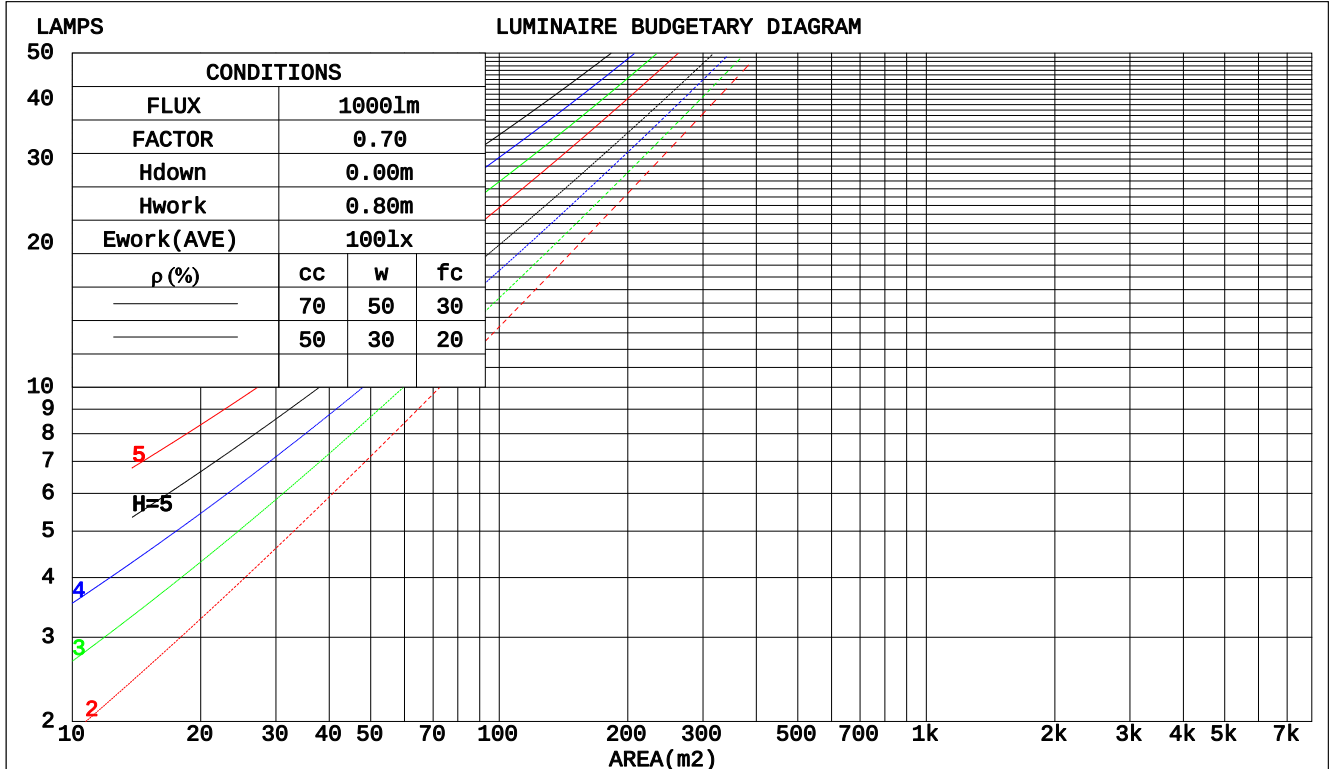
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25DEG
Operators:
Test Date: 2025-06-24

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:231.81V I:0.1608A P:36.098W PF:0.9684 Freq:49.99Hz Lamp Flux:4682.47x1 lm		
NAME: SFS009-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 150*80mm	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)															
RCR:Room Cavity Ratio																
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	1.06	1.02	.99	1.04	1.00	.97	.99	.96	.94	.95	.93	.91	.91	.89	.88	.86
2.0	.94	.88	.83	.92	.86	.81	.88	.83	.79	.85	.81	.77	.81	.78	.75	.73
3.0	.83	.76	.70	.82	.75	.69	.78	.73	.68	.76	.71	.66	.73	.69	.65	.63
4.0	.74	.66	.60	.73	.65	.59	.70	.64	.59	.68	.62	.58	.66	.61	.57	.55
5.0	.67	.58	.52	.66	.58	.52	.63	.56	.51	.61	.55	.50	.59	.54	.50	.48
6.0	.60	.52	.46	.59	.51	.46	.57	.50	.45	.56	.49	.45	.54	.48	.44	.42
7.0	.55	.46	.41	.54	.46	.40	.52	.45	.40	.51	.44	.40	.49	.44	.39	.37
8.0	.50	.42	.36	.49	.42	.36	.48	.41	.36	.47	.40	.36	.45	.40	.35	.33
9.0	.46	.38	.33	.45	.38	.33	.44	.37	.32	.43	.37	.32	.42	.36	.32	.30
10.0	.42	.35	.30	.42	.35	.30	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27



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:231.81V I:0.1608A P:36.098W PF:0.9684 Freq:49.99Hz Lamp Flux:4682.47x1 lm					
NAME: SFS009-WHTC3832S01			TYPE:		WEIGHT:
SPEC.: white RA80 3000K+5700K			DIM.:		SERIAL No.:
MFR.:			SUR.: 150*80mm		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	.264	.150	.048	.257	.146	.046	.243	.139	.044	.230	.133	.043	.218	.126	.041		
2.0	.257	.141	.043	.250	.138	.042	.238	.132	.041	.227	.127	.040	.216	.122	.039		
3.0	.243	.129	.039	.237	.127	.038	.227	.123	.037	.217	.119	.036	.207	.115	.036		
4.0	.228	.119	.035	.223	.117	.034	.213	.113	.034	.205	.110	.033	.196	.107	.032		
5.0	.214	.109	.032	.209	.107	.031	.201	.104	.031	.193	.102	.030	.185	.099	.030		
6.0	.200	.100	.029	.196	.099	.029	.189	.097	.028	.181	.094	.028	.175	.092	.027		
7.0	.188	.093	.026	.184	.092	.026	.177	.090	.026	.171	.088	.026	.165	.086	.025		
8.0	.177	.086	.024	.173	.085	.024	.167	.084	.024	.161	.082	.024	.156	.080	.023		
9.0	.166	.080	.022	.163	.080	.022	.158	.078	.022	.153	.077	.022	.148	.075	.022		
10.0	.157	.075	.021	.155	.075	.021	.149	.073	.021	.145	.072	.020	.140	.070	.020		

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	.189	.168	.150	.162	.145	.129	.111	.099	.089	.064	.058	.052	.020	.019	.017	
2.0	.180	.144	.114	.154	.124	.099	.105	.086	.069	.061	.050	.040	.019	.016	.013	
3.0	.171	.126	.090	.147	.109	.078	.101	.076	.055	.058	.044	.032	.019	.014	.011	
4.0	.164	.113	.074	.141	.097	.064	.097	.068	.045	.056	.040	.027	.018	.013	.009	
5.0	.157	.102	.062	.135	.088	.054	.093	.062	.038	.054	.036	.023	.017	.012	.007	
6.0	.150	.094	.053	.129	.081	.046	.089	.057	.033	.052	.033	.020	.017	.011	.006	
7.0	.143	.087	.047	.123	.075	.041	.085	.053	.029	.050	.031	.017	.016	.010	.006	
8.0	.137	.081	.042	.118	.070	.037	.082	.049	.026	.048	.029	.016	.015	.010	.005	
9.0	.132	.076	.038	.114	.066	.033	.079	.046	.024	.046	.027	.014	.015	.009	.005	
10.0	.126	.072	.035	.109	.062	.031	.076	.044	.022	.044	.026	.013	.014	.009	.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:231.81V I:0.1608A P:36.098W PF:0.9684 Freq:49.99Hz Lamp Flux:4682.47x1 lm											
NAME: SFS009-WHTC3832S01						TYPE:			WEIGHT:		
SPEC.: white RA80 3000K+5700K						DIM.:			SERIAL No.:		
MFR.:						SUR.: 150*80mm			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	24.0	25.4	24.3	25.7	25.9	22.8	24.2	23.1	24.4	24.7	
	3H	24.8	26.1	25.1	26.3	26.6	23.2	24.5	23.5	24.7	25.0
	4H	24.9	26.1	25.3	26.4	26.7	23.2	24.4	23.5	24.7	25.0
	6H	24.9	26.1	25.3	26.4	26.7	23.1	24.3	23.5	24.6	24.9
	8H	24.9	26.0	25.3	26.3	26.6	23.1	24.2	23.5	24.5	24.8
	12H	24.9	25.9	25.2	26.2	26.6	23.0	24.1	23.4	24.4	24.7
4H	2H	24.2	25.4	24.5	25.7	26.0	23.2	24.4	23.5	24.7	24.9
	3H	25.0	26.1	25.4	26.4	26.7	23.6	24.7	24.0	25.0	25.3
	4H	25.3	26.2	25.6	26.5	26.9	23.7	24.6	24.1	25.0	25.3
	6H	25.3	26.1	25.7	26.5	26.9	23.7	24.5	24.1	24.9	25.3
	8H	25.3	26.1	25.7	26.5	26.9	23.6	24.4	24.1	24.8	25.2
	12H	25.3	26.0	25.7	26.4	26.8	23.6	24.3	24.0	24.7	25.1
8H	4H	25.2	26.0	25.6	26.4	26.8	23.7	24.5	24.1	24.9	25.3
	6H	25.3	25.9	25.8	26.4	26.8	23.7	24.3	24.2	24.8	25.2
	8H	25.3	25.9	25.8	26.3	26.8	23.7	24.2	24.2	24.7	25.2
	12H	25.3	25.8	25.8	26.2	26.7	23.6	24.1	24.1	24.6	25.1
12H	4H	25.2	25.9	25.6	26.3	26.7	23.7	24.4	24.1	24.8	25.2
	6H	25.3	25.8	25.7	26.3	26.8	23.7	24.2	24.2	24.7	25.2
	8H	25.3	25.7	25.8	26.2	26.7	23.7	24.1	24.2	24.6	25.1
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H	+ 0.4 / - 0.4					+ 0.6 / - 0.7					
1.5H	+ 0.3 / - 0.5					+ 0.3 / - 0.6					
2.0H	+ 0.9 / - 1.1					+ 0.9 / - 1.3					

CIE Pub.117, 4682 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 5.4)
Area: 0.012 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:231.81V I:0.1608A P:36.098W PF:0.9684 Freq:49.99Hz Lamp Flux:4682.47x1 lm		
NAME: SFS009-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 150*80mm	Shielding Angle:

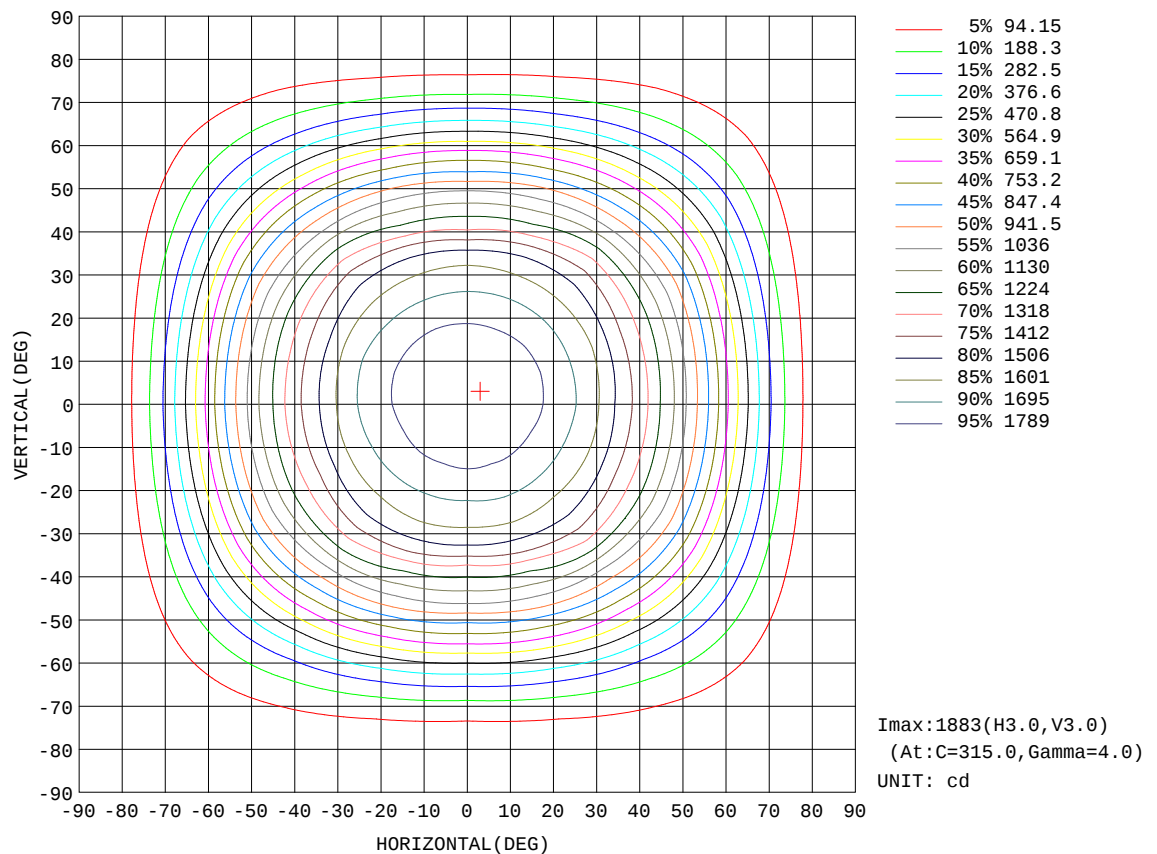
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	61	50	43	60	50	43	59	49	43	37
0.80	71	61	54	70	60	54	68	59	53	47
1.00	80	70	63	79	69	63	76	70	62	56
1.25	87	78	71	85	77	71	83	75	70	63
1.50	92	83	77	90	82	76	87	80	75	68
2.00	98	91	85	96	89	84	93	87	82	75
2.50	101	95	89	99	93	88	96	90	86	78
3.00	104	99	94	102	97	93	98	94	90	82
4.00	108	103	99	105	101	97	101	98	95	86
5.00	110	106	102	107	104	101	103	100	97	88
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:231.81V I:0.1608A P:36.098W PF:0.9684 Freq:49.99Hz Lamp Flux:4682.47x1 lm		
NAME: SFS009-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 150*80mm	Shielding Angle:

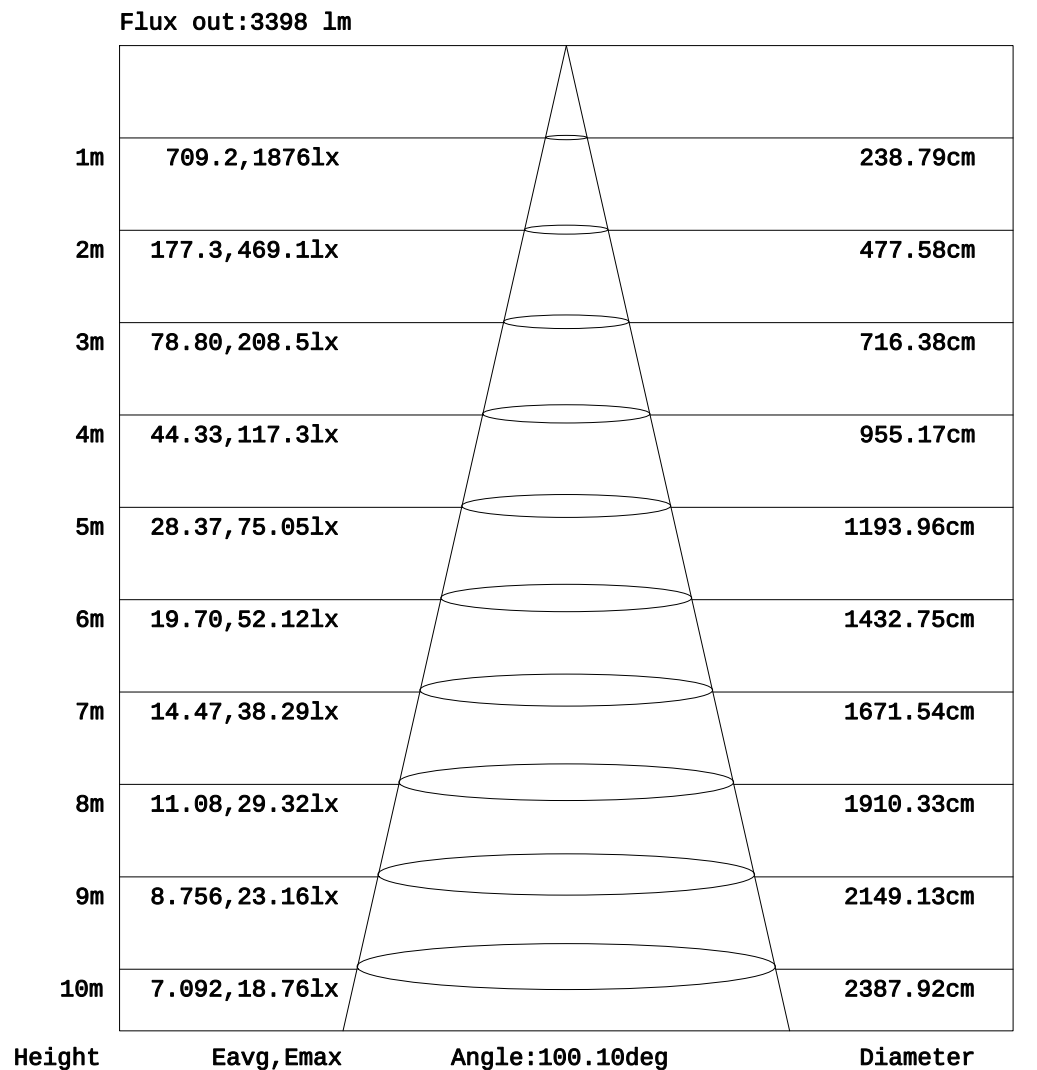


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25DEG
Operators:
Test Date:2025-06-24

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:231.81V I:0.1608A P:36.098W PF:0.9684 Freq:49.99Hz Lamp Flux:4682.47x1 lm		
NAME: SFS009-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 150*80mm	Shielding Angle:



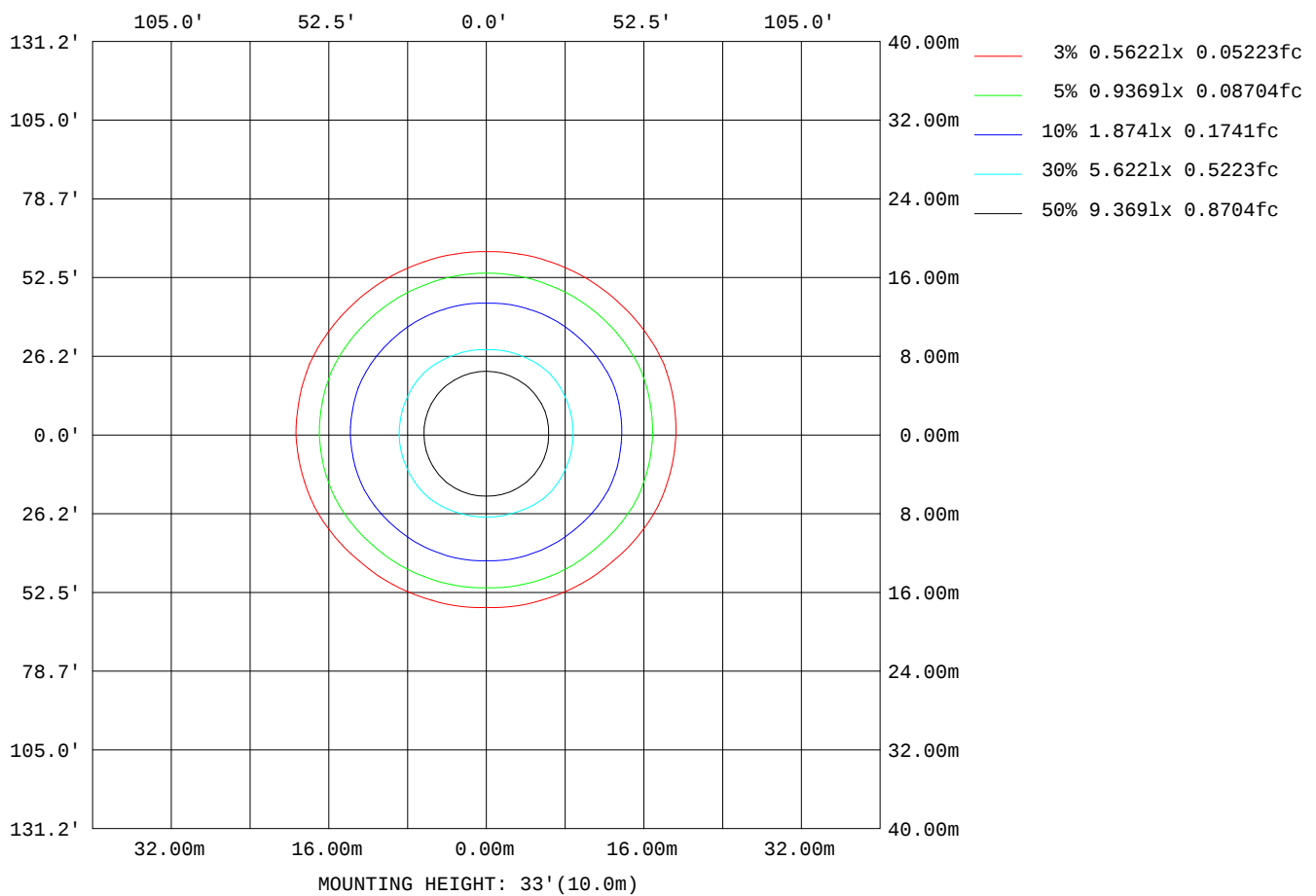
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:231.81V I:0.1608A P:36.098W PF:0.9684 Freq:49.99Hz Lamp Flux:4682.47x1 lm		
NAME: SFS009-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 150*80mm	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:

LED Avg.L Report

Test:U:231.81V I:0.1608A P:36.098W PF:0.9684 Freq:49.99Hz Lamp Flux:4682.47x1 lm		
NAME: SFS009-WHTC3832S01	TYPE:	WEIGHT:
SPEC.: white RA80 3000K+5700K	DIM.:	SERIAL No.:
MFR.:	SUR.: 150*80mm	Shielding Angle:

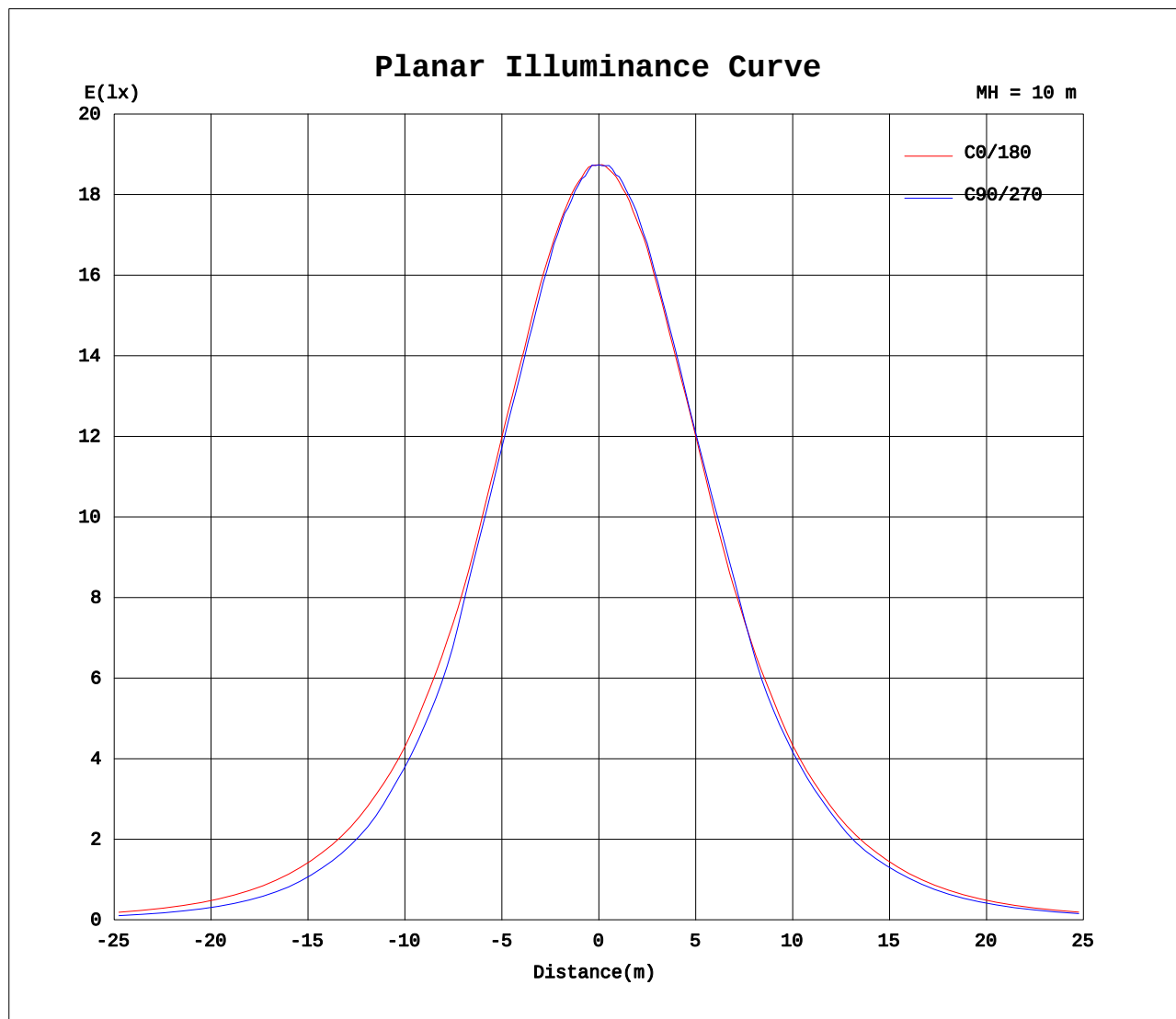
AvgL	cd/m2
L_0~180(65)av	94668
L_0~180(75)av	49538
L_0~180(85)av	13351
L_90~270(65)av	69104
L_90~270(75)av	30725
L_90~270(85)av	10791
L_45(65)av	78536
L_45(75)av	40534
L_45(85)av	12692

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



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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:231.81V I:0.1608A P:36.098W PF:0.9684 Freq:49.99Hz Lamp Flux:4682.47x1 lm																	
NAME: SFS009-WHTC3832S01									TYPE:						WEIGHT:		
SPEC.: white RA80 3000K+5700K									DIM.:						SERIAL No.:		
MFR.:									SUR.: 150*80mm						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	1874	1875	1875	1875	1874	1875	1875	1875	1874	1875	1875	1875	1874	1875	1875	1875			
5	1864	1868	1861	1863	1861	1863	1863	1864	1867	1875	1878	1872	1874	1872	1881	1876			
10	1843	1839	1836	1836	1836	1834	1837	1840	1842	1857	1858	1856	1862	1862	1857	1855			
15	1811	1798	1795	1788	1789	1785	1796	1801	1815	1821	1823	1822	1828	1826	1823	1820			
20	1756	1750	1733	1729	1730	1731	1736	1746	1757	1773	1774	1777	1774	1776	1776	1772			
25	1698	1681	1669	1667	1663	1667	1670	1682	1701	1708	1710	1709	1709	1715	1707	1702			
30	1613	1600	1583	1587	1569	1582	1586	1594	1609	1628	1634	1634	1637	1636	1636	1632			
35	1487	1480	1490	1459	1422	1457	1484	1471	1492	1505	1539	1538	1532	1538	1540	1512			
40	1367	1349	1350	1254	1227	1256	1336	1347	1376	1389	1417	1367	1331	1379	1420	1382			
45	1215	1205	1157	1092	1073	1096	1159	1205	1226	1253	1248	1188	1179	1191	1258	1245			
50	1063	1042	956	915	871	914	959	1042	1073	1086	1051	1027	1016	1028	1057	1088			
55	884	851	758	709	682	706	760	854	895	902	854	821	809	823	860	910			
60	681	639	548	499	472	496	550	644	693	699	649	619	606	624	656	703			
65	476	428	353	314	295	313	354	430	484	477	439	410	406	416	447	489			
70	297	258	207	174	156	174	206	257	301	293	266	245	240	249	273	302			
75	154	134	105	82.7	73.8	82.5	104	132	154	154	144	124	117	128	150	161			
80	59.1	56.0	41.4	33.2	29.9	32.9	40.8	54.2	58.9	68.0	61.3	51.3	49.5	53.3	65.6	71.1			
85	13.8	13.5	9.54	8.43	6.91	7.94	8.94	12.8	14.1	18.3	16.6	15.5	15.7	16.1	18.0	19.6			
90	1.44	1.51	1.41	1.34	1.27	1.34	1.41	1.53	1.62	1.48	1.31	1.20	1.17	1.25	1.38	1.53			
95	2.32	2.39	2.27	2.13	2.06	2.13	2.27	2.42	2.58	2.33	2.05	1.79	1.75	1.83	2.10	2.37			
100	3.64	3.68	3.52	3.33	3.24	3.33	3.53	3.75	3.93	3.58	3.16	2.82	2.74	2.87	3.22	3.64			
105	5.34	5.36	5.14	4.90	4.82	4.89	5.17	5.44	5.67	5.21	4.63	4.21	4.08	4.27	4.71	5.27			
110	7.32	7.30	7.06	6.76	6.69	6.77	7.11	7.42	7.69	7.13	6.42	5.93	5.77	6.01	6.53	7.23			
115	9.43	9.37	9.14	8.81	8.75	8.82	9.23	9.56	9.90	9.23	8.47	7.89	7.73	7.98	8.59	9.35			
120	11.4	11.4	11.2	10.9	10.9	10.9	11.3	11.7	12.1	11.4	10.6	10.00	9.82	10.1	10.7	11.5			
125	13.4	13.3	13.2	12.9	12.9	13.0	13.4	13.7	14.1	13.4	12.6	12.1	12.0	12.2	12.8	13.5			
130	15.2	15.1	15.0	14.8	15.0	15.0	15.3	15.5	16.0	15.3	14.6	14.0	14.0	14.2	14.7	15.3			
135	16.7	16.6	16.8	16.6	16.9	16.8	17.1	17.2	17.6	17.0	16.4	15.9	15.9	16.1	16.5	16.9			
140	18.1	18.1	18.3	18.4	18.7	18.6	18.6	18.7	19.0	18.5	18.0	17.7	17.7	17.9	18.0	18.3			
145	19.3	19.3	19.6	19.9	20.4	20.0	19.9	19.9	20.2	19.8	19.5	19.2	19.4	19.3	19.6	19.6			
150	20.3	20.3	20.8	21.0	21.5	21.2	21.2	21.1	21.3	20.9	20.9	20.5	20.7	20.5	20.9	20.6			
155	21.3	21.4	21.7	22.2	22.5	22.3	22.1	22.3	22.4	22.0	22.0	22.0	22.0	21.9	21.9	21.7			
160	22.4	22.4	22.7	23.2	23.5	23.4	23.1	23.3	23.2	22.9	22.9	23.1	23.1	22.9	22.7	22.5			
165	23.3	23.3	23.7	24.1	24.3	24.2	24.2	24.4	24.2	24.0	23.8	23.9	23.9	23.8	23.5	23.6			
170	24.2	24.3	24.8	25.3	25.1	25.0	25.1	25.4	25.0	25.2	24.9	24.6	24.6	24.6	24.5	24.6			
175	25.1	25.4	26.0	26.0	25.6	25.6	26.1	26.1	25.5	26.1	26.1	25.6	25.3	25.5	25.7	25.6			
180	26.1	26.3	26.8	26.4	26.1	26.1	26.6	26.3	26.1	26.3	26.8	26.3	26.1	26.1	26.5	26.3			

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