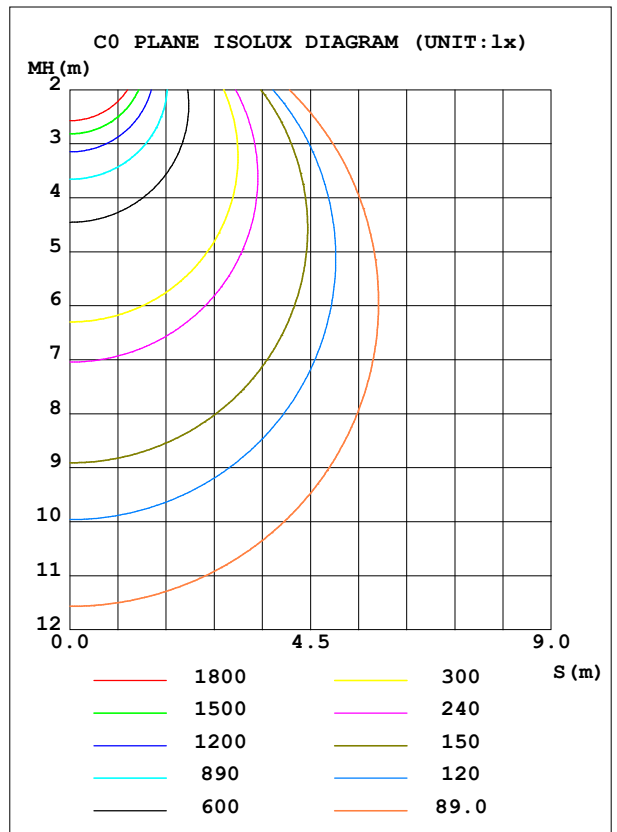
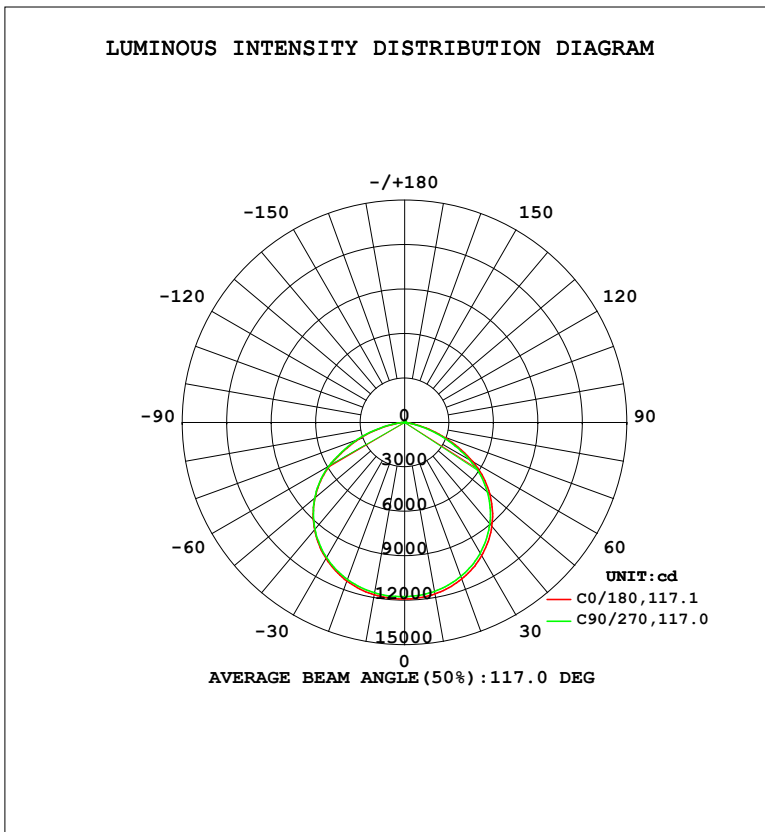


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.52V I:0.8777A P:198.03W PF:0.9788 Freq:50.01Hz Lamp Flux:34512.3x1 lm		
NAME: ST-200W	TYPE: Glass	WEIGHT:
SPEC.: 5700K-RA80-520L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.106m*0.106m*3.14	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	SMD2835	Imax (cd)	11904	S/MH (C0/180)	1.32
NOMINAL POWER (W)	200	LOR (%)	100.0	S/MH (C90/270)	1.33
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	34512	η UP, DN (C0-180)	0.5, 47.5
NOMINAL FLUX (lm)	34512.3	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.4, 51.7
LAMPS INSIDE	1	η up (%)	0.8	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	230	η down (%)	99.2	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1 °C
 Operators:
 Test Date: 2023-3-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.462
 Humidity: 50.0%
 Test Distance: 10.140m [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	1175	1164	1158	1153	1181	1173	1168	1162	0- 10	1119	1119	3.24, 3.24
20	1125	1114	1107	1103	1139	1133	1128	1123	10- 20	3240	4359	12.6, 12.6
30	1039	1027	1019	1016	1061	1057	1054	1048	20- 30	5000	9359	27.1, 27.1
40	915.5	902.5	894.7	892.5	945.8	944.8	942.7	937.1	30- 40	6160	15519	45, 45
50	749.8	735.7	727.8	726.9	790.2	792.4	792.1	786.7	40- 50	6525	22044	63.9, 63.9
60	533.8	517.9	507.3	507.9	585.3	591.9	592.4	590.4	50- 60	5923	27967	81, 81
70	272.7	257.9	253.0	253.6	326.8	335.5	340.0	336.2	60- 70	4180	32147	93.1, 93.1
80	50.82	44.11	41.37	41.92	89.24	97.56	101.8	98.47	70- 80	1855	34002	98.5, 98.5
90	1.087	1.120	1.130	1.117	0.8653	0.8501	0.9563	0.9266	80- 90	221.8	34223	99.2, 99.2
100	2.201	2.247	2.260	2.242	1.579	1.515	1.488	1.491	90-100	15.03	34238	99.2, 99.2
110	3.598	3.643	3.652	3.628	2.687	2.600	2.562	2.556	100-110	26.11	34265	99.3, 99.3
120	4.974	5.005	5.009	4.983	4.022	3.927	3.883	3.876	110-120	37.49	34302	99.4, 99.4
130	6.212	6.226	6.233	6.200	5.276	5.189	5.136	5.122	120-130	45.50	34348	99.5, 99.5
140	7.293	7.300	7.287	7.256	6.294	6.200	6.149	6.128	130-140	48.13	34396	99.7, 99.7
150	8.283	8.277	8.249	8.213	7.196	7.090	7.035	7.010	140-150	45.11	34441	99.8, 99.8
160	9.102	9.074	9.032	8.989	8.147	8.024	7.966	7.935	150-160	37.38	34478	99.9, 99.9
170	9.656	9.621	9.559	9.525	9.152	9.022	8.951	8.895	160-170	25.10	34503	100, 100
180	9.839	9.759	9.665	9.619	9.878	9.780	9.683	9.638	170-180	9.065	34512	100, 100
DEG	LUMINOUS INTENSITY: X10cd									UNIT: lm		

Conical surface Flux(90deg): 18793 lm

%lum = 54.5%

%lamp = 54.5%

Conical surface Flux(120deg): 27967 lm

%lum = 81.0%

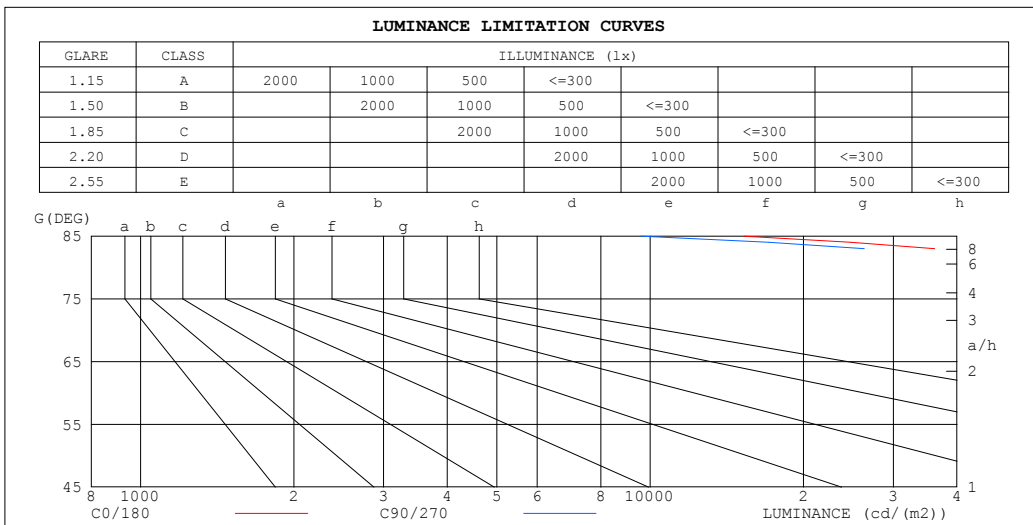
%lamp = 81.0%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1°C
 Operators:
 Test Date: 2023-3-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.462
 Humidity: 50.0%
 Test Distance: 10.140m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.52V I:0.8777A P:198.03W PF:0.9788 Freq:50.01Hz Lamp Flux:34512.3x1 lm		
NAME: ST-200W	TYPE: Glass	WEIGHT:
SPEC.: 5700K-RA80-520L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.106m*0.106m*3.14	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	15281	9601
80	82955	67529
75	161817	143978
70	225995	209647
65	268663	253863
60	302616	287602
55	321029	310209
50	330607	320917
45	336054	327412

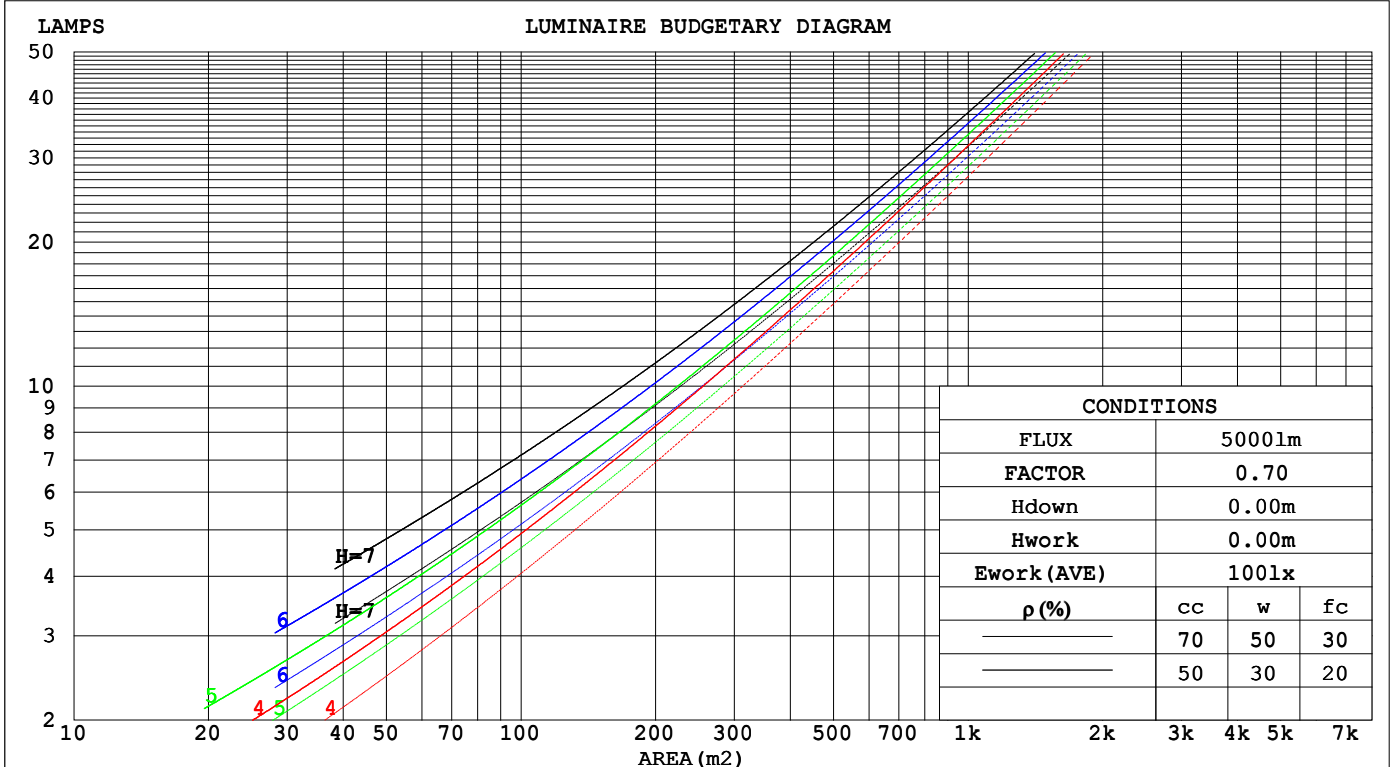
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1°C
 Operators:
 Test Date: 2023-3-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.462
 Humidity: 50.0%
 Test Distance: 10.140m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.52V I:0.8777A P:198.03W PF:0.9788 Freq:50.01Hz Lamp Flux:34512.3x1 lm		
NAME: ST-200W	TYPE: Glass	WEIGHT:
SPEC.: 5700K-RA80-520L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.106m*0.106m*3.14	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	
p _w																0
p _{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio															
	Coefficients of Utilization (CU)															
0.0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.01	1.01	1.01	.99
1.0	1.05	1.01	.97	1.02	.99	.95	.98	.95	.92	.94	.92	.89	.90	.88	.86	.84
2.0	.91	.85	.79	.90	.83	.78	.86	.81	.76	.82	.78	.75	.79	.76	.73	.71
3.0	.80	.72	.66	.79	.71	.65	.76	.69	.64	.73	.67	.63	.70	.66	.62	.60
4.0	.71	.62	.56	.70	.62	.55	.67	.60	.55	.65	.59	.54	.62	.57	.53	.51
5.0	.63	.55	.48	.62	.54	.48	.60	.53	.47	.58	.52	.46	.56	.50	.46	.44
6.0	.57	.48	.42	.56	.48	.42	.54	.47	.41	.52	.46	.41	.51	.45	.40	.38
7.0	.52	.43	.37	.51	.43	.37	.49	.42	.36	.48	.41	.36	.46	.40	.36	.34
8.0	.47	.39	.33	.46	.38	.33	.45	.38	.32	.44	.37	.32	.42	.36	.32	.30
9.0	.43	.35	.29	.42	.35	.29	.41	.34	.29	.40	.34	.29	.39	.33	.29	.27
10.0	.40	.32	.27	.39	.32	.26	.38	.31	.26	.37	.31	.26	.36	.30	.26	.24



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1°C
 Operators:
 Test Date: 2023-3-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.462
 Humidity: 50.0%
 Test Distance: 10.140m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.52V I:0.8777A P:198.03W PF:0.9788 Freq:50.01Hz Lamp Flux:34512.3x1 lm		
NAME: ST-200W	TYPE: Glass	WEIGHT:
SPEC.: 5700K-RA80-520L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.106m*0.106m*3.14	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	.290	.165	.052	.283	.161	.051	.269	.154	.049	.257	.148	.047	.245	.142	.046	
2.0	.280	.153	.047	.273	.151	.046	.261	.145	.045	.250	.140	.044	.240	.136	.043	
3.0	.262	.140	.042	.257	.137	.041	.246	.133	.041	.236	.129	.040	.227	.126	.039	
4.0	.244	.127	.037	.239	.125	.037	.229	.122	.036	.221	.119	.036	.212	.115	.035	
5.0	.227	.116	.033	.222	.114	.033	.214	.111	.033	.206	.109	.032	.199	.106	.032	
6.0	.211	.106	.030	.207	.105	.030	.200	.102	.030	.193	.100	.029	.186	.098	.029	
7.0	.197	.097	.028	.193	.096	.027	.187	.094	.027	.180	.092	.027	.174	.091	.027	
8.0	.184	.090	.025	.181	.089	.025	.175	.087	.025	.169	.086	.025	.164	.084	.025	
9.0	.173	.084	.023	.170	.083	.023	.165	.081	.023	.160	.080	.023	.155	.079	.023	
10.0	.163	.078	.022	.160	.077	.022	.155	.076	.021	.151	.075	.021	.146	.074	.021	

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	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.185	.163	.142	.159	.140	.123	.108	.096	.085	.062	.056	.049	.020	.018	.016	
2.0	.177	.138	.106	.152	.119	.092	.104	.082	.064	.060	.048	.037	.019	.016	.012	
3.0	.170	.121	.082	.145	.104	.071	.100	.072	.050	.058	.042	.029	.019	.014	.010	
4.0	.162	.107	.066	.139	.093	.057	.096	.065	.040	.055	.038	.024	.018	.012	.008	
5.0	.155	.097	.054	.133	.084	.047	.092	.059	.033	.053	.034	.020	.017	.011	.007	
6.0	.148	.089	.046	.127	.077	.040	.088	.054	.028	.051	.032	.017	.016	.010	.006	
7.0	.141	.082	.040	.122	.071	.035	.084	.050	.025	.049	.029	.015	.016	.010	.005	
8.0	.135	.076	.035	.116	.066	.031	.080	.046	.022	.047	.027	.013	.015	.009	.004	
9.0	.129	.071	.032	.111	.062	.028	.077	.043	.020	.045	.026	.012	.015	.008	.004	
10.0	.123	.067	.029	.106	.058	.025	.074	.041	.018	.043	.024	.011	.014	.008	.004	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1℃
 Operators:
 Test Date:2023-3-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
 Humidity:50.0%
 Test Distance:10.140m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.52V I:0.8777A P:198.03W PF:0.9788 Freq:50.01Hz Lamp Flux:34512.3x1 lm		
NAME: ST-200W	TYPE: Glass	WEIGHT:
SPEC.: 5700K-RA80-520L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.106m*0.106m*3.14	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	32.2	33.8	32.6	34.2	34.5	32.0	33.6	32.4	33.9	34.3
3H	33.6	35.0	34.0	35.4	35.7	33.3	34.7	33.7	35.1	35.4
4H	33.9	35.3	34.3	35.6	36.0	33.6	34.9	34.0	35.3	35.7
6H	34.0	35.3	34.4	35.6	36.0	33.6	34.9	34.0	35.3	35.7
8H	34.0	35.2	34.4	35.6	36.0	33.6	34.8	34.0	35.2	35.6
12H	34.0	35.1	34.4	35.5	36.0	33.6	34.7	34.0	35.1	35.6
4H 2H	32.7	34.1	33.1	34.4	34.8	32.5	33.8	32.9	34.2	34.6
3H	34.2	35.3	34.6	35.8	36.2	33.9	35.1	34.3	35.5	35.9
4H	34.6	35.6	35.0	36.0	36.5	34.3	35.3	34.7	35.7	36.2
6H	34.7	35.6	35.2	36.1	36.6	34.4	35.3	34.9	35.7	36.2
8H	34.7	35.6	35.2	36.0	36.5	34.4	35.2	34.8	35.6	36.1
12H	34.7	35.5	35.2	35.9	36.4	34.3	35.1	34.8	35.6	36.1
8H 4H	34.7	35.5	35.2	36.0	36.5	34.4	35.2	34.8	35.7	36.1
6H	34.9	35.5	35.4	36.0	36.5	34.5	35.2	35.0	35.7	36.2
8H	34.8	35.5	35.4	36.0	36.5	34.5	35.1	35.0	35.6	36.1
12H	34.8	35.4	35.3	35.9	36.4	34.5	35.0	35.0	35.5	36.1
12H 4H	34.7	35.4	35.2	35.9	36.4	34.4	35.1	34.9	35.6	36.1
6H	34.8	35.4	35.4	35.9	36.5	34.5	35.1	35.0	35.6	36.1
8H	34.8	35.4	35.4	35.9	36.5	34.5	35.0	35.0	35.5	36.1

CIE190: 2010										

CIE190: 2010
Area: 0.035281 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1°C
Operators:
Test Date:2023-3-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity:50.0%
Test Distance:10.140m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.52V I:0.8777A P:198.03W PF:0.9788 Freq:50.01Hz Lamp Flux:34512.3x1 lm		
NAME: ST-200W	TYPE: Glass	WEIGHT:
SPEC.: 5700K-RA80-520L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.106m*0.106m*3.14	Shielding Angle:

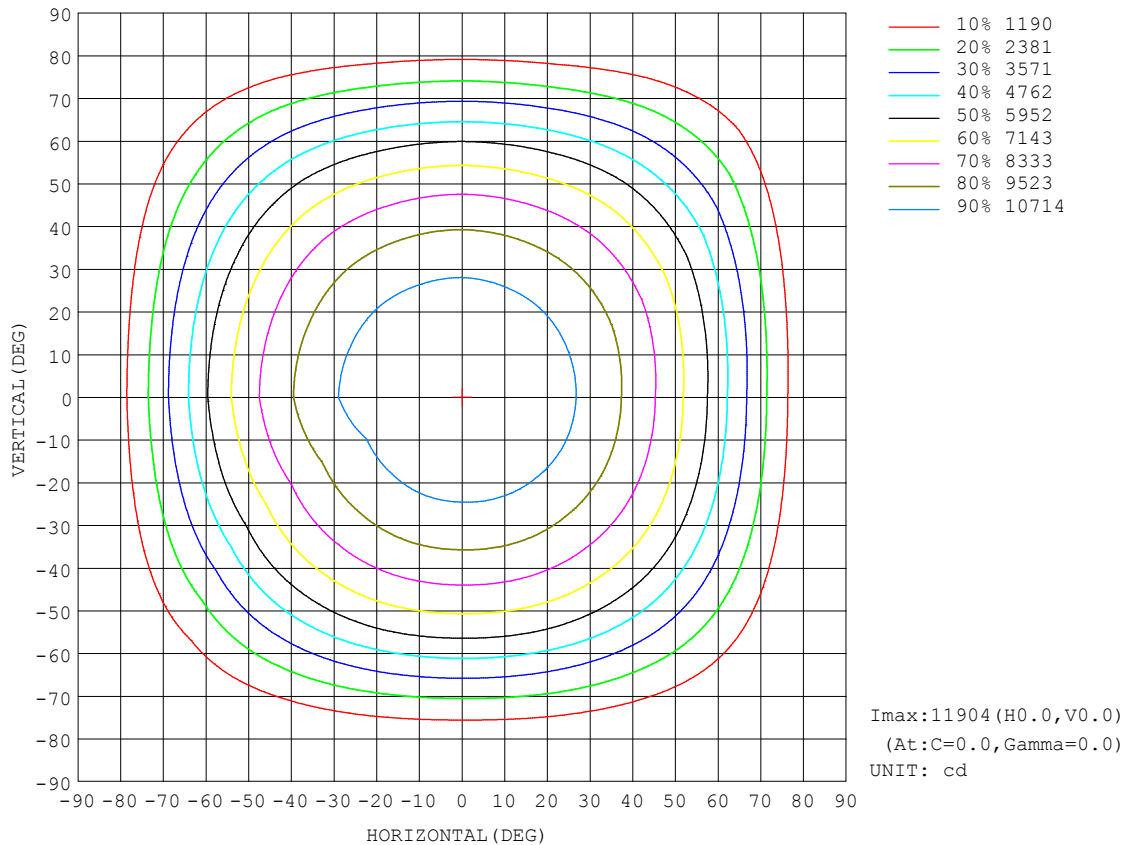
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	57	46	39	57	46	39	55	45	39	32
0.80	68	56	49	67	56	49	65	55	48	41
1.00	76	66	58	75	65	58	73	66	57	50
1.25	84	73	66	82	73	66	80	71	65	58
1.50	89	79	72	87	78	72	84	76	71	63
2.00	96	87	81	94	86	80	90	84	79	71
2.50	100	92	86	97	91	85	94	88	83	75
3.00	103	96	91	101	95	90	97	92	88	79
4.00	107	101	97	104	100	96	100	96	93	84
5.00	109	105	101	107	103	99	102	99	96	87
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: 25.1°C
 Operators:
 Test Date: 2023-3-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.462
 Humidity: 50.0%
 Test Distance: 10.140m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.52V I:0.8777A P:198.03W PF:0.9788 Freq:50.01Hz Lamp Flux:34512.3x1 lm		
NAME: ST-200W	TYPE: Glass	WEIGHT:
SPEC.: 5700K-RA80-520L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.106m*0.106m*3.14	Shielding Angle:



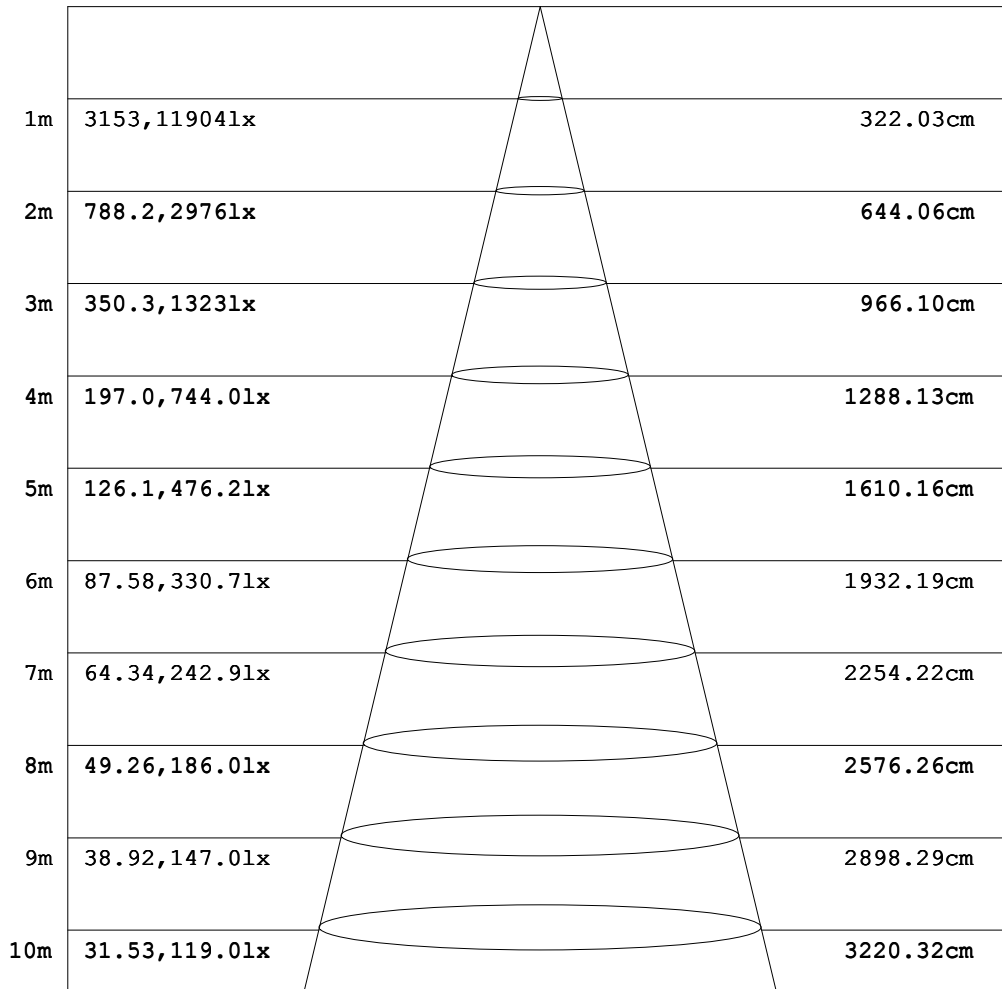
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1°C
Operators:
Test Date:2023-3-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity:50.0%
Test Distance:10.140m [K=1.0000]
Remarks:

AAI Figure

Test:U:230.52V I:0.8777A P:198.03W PF:0.9788 Freq:50.01Hz Lamp Flux:34512.3x1 lm		
NAME: ST-200W	TYPE: Glass	WEIGHT:
SPEC.: 5700K-RA80-520L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.106m*0.106m*3.14	Shielding Angle:

Flux out:27434 lm



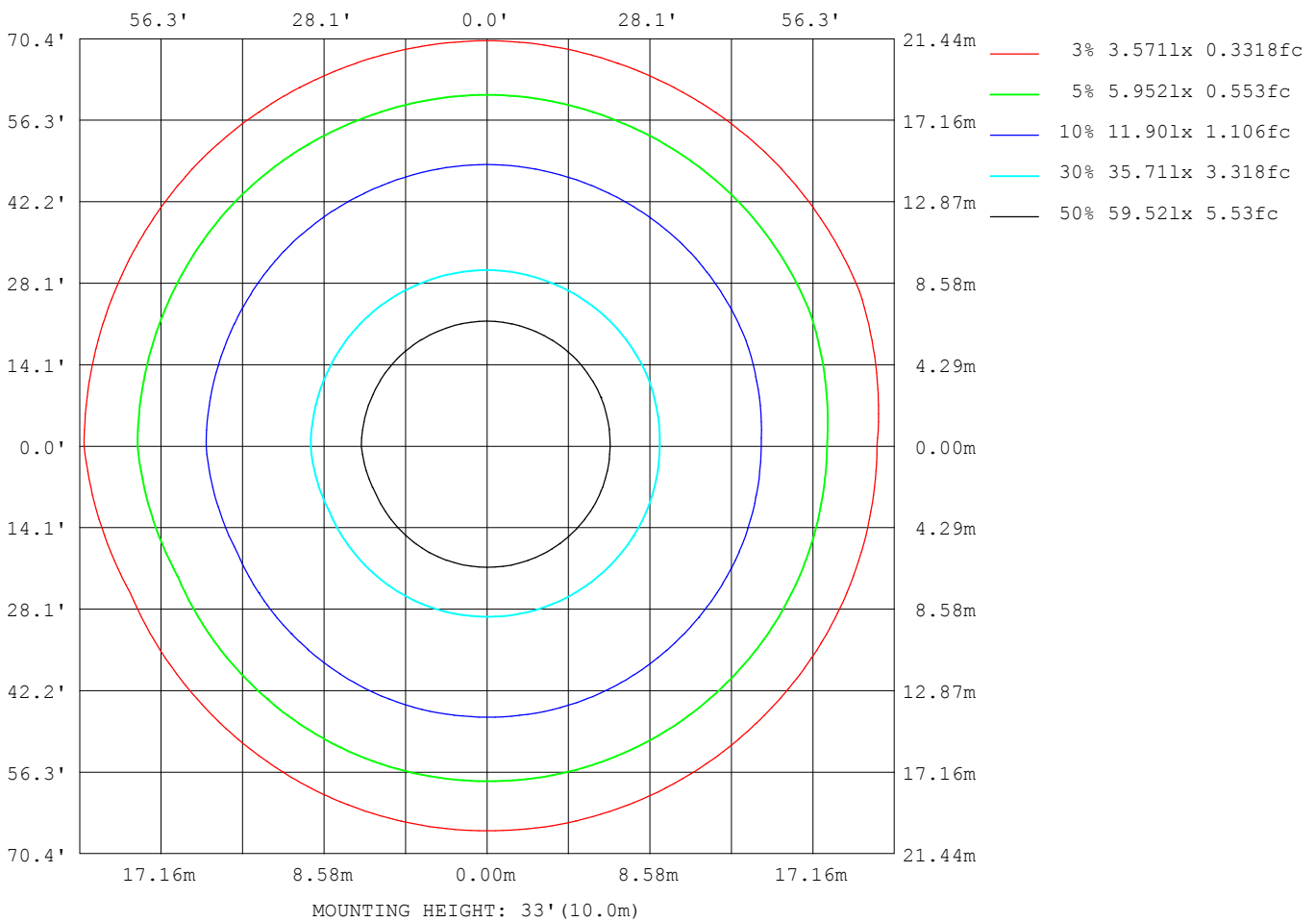
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.1°C
Operators:
Test Date:2023-3-4

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
Humidity:50.0%
Test Distance:10.140m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:230.52V I:0.8777A P:198.03W PF:0.9788 Freq:50.01Hz Lamp Flux:34512.3x1 lm		
NAME: ST-200W	TYPE: Glass	WEIGHT:
SPEC.: 5700K-RA80-520L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.106m*0.106m*3.14	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1°C
 Operators:
 Test Date: 2023-3-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.462
 Humidity: 50.0%
 Test Distance: 10.140m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:230.52V I:0.8777A P:198.03W PF:0.9788 Freq:50.01Hz Lamp Flux:34512.3x1 lm		
NAME: ST-200W	TYPE: Glass	WEIGHT:
SPEC.: 5700K-RA80-520L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.106m*0.106m*3.14	Shielding Angle:

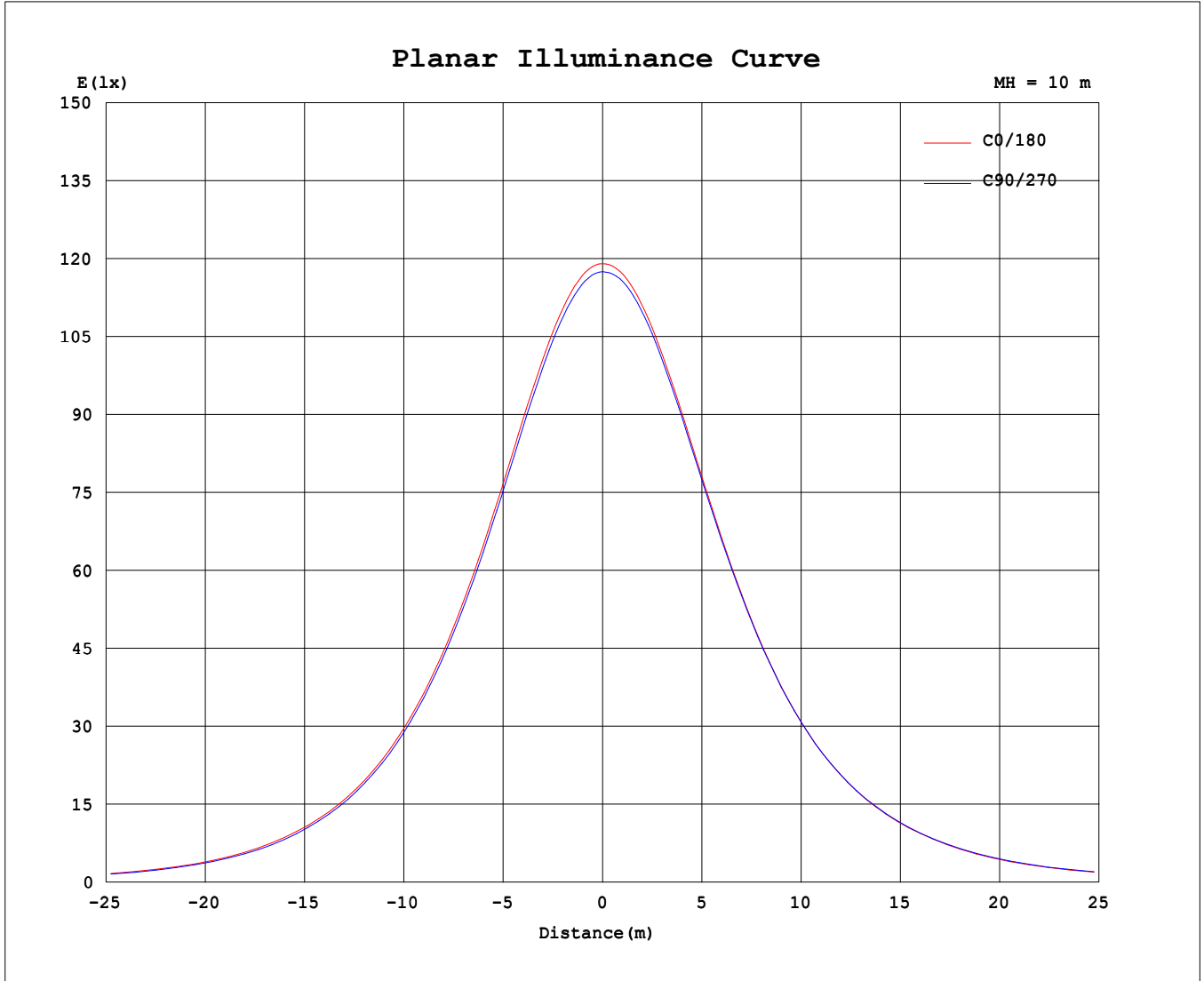
AvgL	cd/m2
L_0~180 (65) av	286587
L_0~180 (75) av	189650
L_0~180 (85) av	35969
L_90~270 (65) av	282787
L_90~270 (75) av	188523
L_90~270 (85) av	42921
L_45 (65) av	282868
L_45 (75) av	188201
L_45 (85) av	40201

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.1℃
 Operators:
 Test Date:2023-3-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.462
 Humidity:50.0%
 Test Distance:10.140m [K=1.0000]
 Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.1 °C
 Operators:
 Test Date: 2023-3-4

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.462
 Humidity: 50.0%
 Test Distance: 10.140m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.52V I:0.8777A P:198.03W PF:0.9788 Freq:50.01Hz Lamp Flux:34512.3x1 lm		
NAME: ST-200W	TYPE: Glass	WEIGHT:
SPEC.: 5700K-RA80-520L	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.106m*0.106m*3.14	Shielding Angle:

Table--1

UNIT: X10cd

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	1190	1186	1181	1177	1175	1172	1170	1169	1190	1186	1181	1177	1175	1172	1170	1169			
5	1187	1182	1177	1173	1170	1168	1165	1165	1189	1185	1181	1177	1175	1172	1169	1168			
10	1175	1170	1164	1160	1158	1156	1153	1153	1181	1177	1173	1169	1168	1165	1162	1160			
15	1155	1150	1144	1140	1137	1135	1132	1133	1165	1160	1157	1153	1152	1149	1147	1145			
20	1125	1121	1114	1110	1107	1106	1103	1104	1139	1135	1133	1129	1128	1125	1123	1120			
25	1087	1082	1075	1072	1068	1067	1064	1066	1105	1101	1100	1096	1096	1092	1090	1087			
30	1039	1035	1027	1024	1019	1019	1016	1018	1061	1058	1057	1054	1054	1050	1048	1045			
35	982	978	970	966	962	962	959	962	1008	1005	1006	1002	1003	999	997	993			
40	915	911	902	899	895	895	893	896	946	943	945	941	943	938	937	933			
45	838	834	825	822	817	818	815	819	874	871	874	871	873	868	867	862			
50	750	745	736	733	728	730	727	732	790	788	792	789	792	787	787	780			
55	650	645	635	633	628	630	627	633	695	694	699	697	700	695	694	688			
60	534	526	518	512	507	507	508	510	585	584	592	587	592	587	590	582			
65	401	394	385	381	379	379	379	383	454	454	462	461	465	460	461	456			
70	273	267	258	256	253	253	254	259	327	329	335	336	340	335	336	329			
75	148	146	137	136	131	135	133	139	199	200	208	209	213	207	209	204			
80	50.8	50.3	44.1	43.3	41.4	43.0	41.9	46.2	89.2	89.9	97.6	96.4	102	97.3	98.5	92.4			
85	4.70	4.56	3.48	3.50	2.95	3.26	2.96	3.63	17.4	17.8	21.2	21.9	23.4	22.4	21.8	19.9			
90	1.09	1.09	1.12	1.11	1.13	1.11	1.12	1.09	0.87	0.86	0.85	0.87	0.96	0.88	0.93	0.85			
95	1.59	1.59	1.63	1.62	1.65	1.61	1.63	1.59	1.14	1.14	1.10	1.10	1.08	1.09	1.03	1.10			
100	2.20	2.20	2.25	2.23	2.26	2.23	2.24	2.19	1.58	1.57	1.52	1.52	1.49	1.51	1.49	1.52			
105	2.88	2.88	2.92	2.91	2.94	2.90	2.91	2.87	2.09	2.07	2.01	2.02	1.98	2.00	1.98	2.02			
110	3.60	3.59	3.64	3.62	3.65	3.61	3.63	3.58	2.69	2.67	2.60	2.61	2.56	2.59	2.56	2.60			
115	4.31	4.30	4.34	4.32	4.35	4.31	4.32	4.27	3.35	3.32	3.26	3.26	3.21	3.24	3.20	3.25			
120	4.97	4.97	5.01	4.99	5.01	4.97	4.98	4.93	4.02	3.99	3.93	3.92	3.88	3.90	3.88	3.91			
125	5.61	5.61	5.63	5.62	5.64	5.61	5.61	5.57	4.66	4.63	4.57	4.56	4.52	4.54	4.51	4.55			
130	6.21	6.21	6.23	6.22	6.23	6.20	6.20	6.16	5.28	5.25	5.19	5.17	5.14	5.15	5.12	5.16			
135	6.77	6.77	6.78	6.78	6.78	6.75	6.75	6.71	5.82	5.78	5.72	5.70	5.67	5.68	5.66	5.68			
140	7.29	7.29	7.30	7.29	7.29	7.26	7.26	7.23	6.29	6.25	6.20	6.17	6.15	6.15	6.13	6.15			
145	7.81	7.82	7.82	7.80	7.79	7.77	7.76	7.73	6.74	6.68	6.64	6.61	6.58	6.58	6.56	6.58			
150	8.28	8.29	8.28	8.26	8.25	8.23	8.21	8.19	7.20	7.14	7.09	7.07	7.04	7.04	7.01	7.03			
155	8.71	8.71	8.69	8.68	8.66	8.64	8.62	8.60	7.67	7.60	7.56	7.53	7.50	7.50	7.47	7.49			
160	9.10	9.10	9.07	9.06	9.03	9.01	8.99	8.97	8.15	8.07	8.02	7.99	7.97	7.95	7.94	7.94			
165	9.41	9.41	9.37	9.35	9.32	9.30	9.28	9.26	8.60	8.52	8.48	8.44	8.41	8.40	8.38	8.38			
170	9.66	9.67	9.62	9.60	9.56	9.55	9.52	9.52	9.15	9.09	9.02	8.98	8.95	8.93	8.89	8.91			
175	9.75	9.75	9.69	9.67	9.61	9.60	9.57	9.57	9.72	9.65	9.59	9.54	9.51	9.48	9.45	9.46			
180	9.84	9.84	9.76	9.71	9.67	9.65	9.62	9.64	9.88	9.80	9.78	9.69	9.68	9.64	9.64	9.61			

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