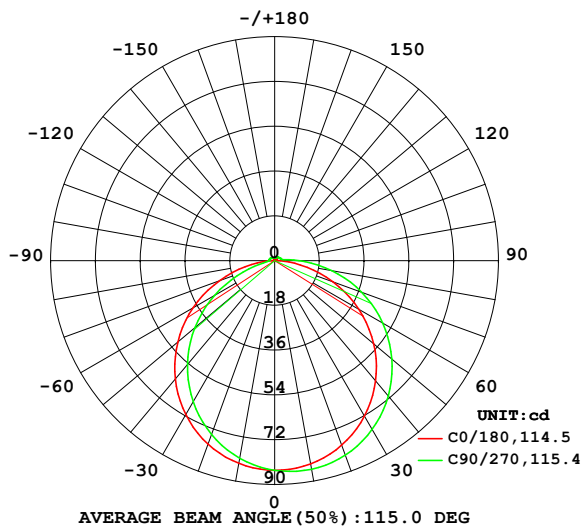


LUMINAIRE PHOTOMETRIC TEST REPORT

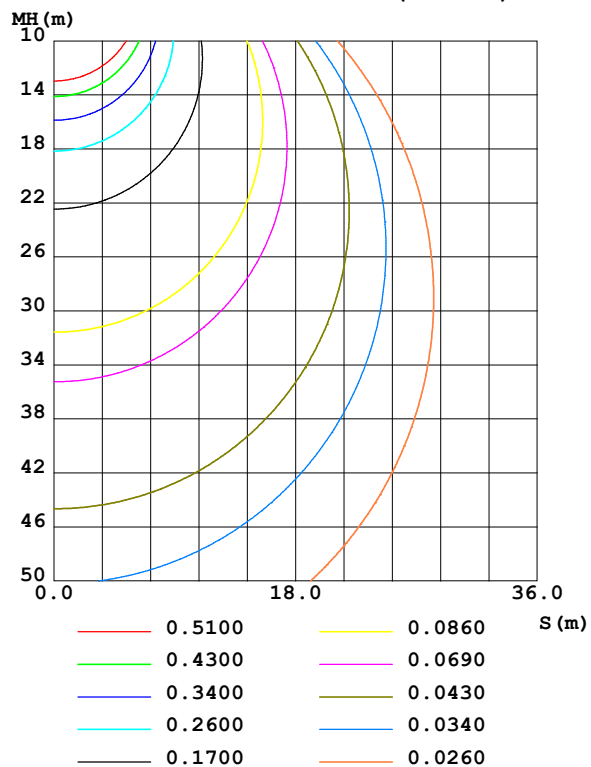
Test:U:23.998V I:0.4341A P:10.417W PF:1.0000 Freq:0Hz Lamp Flux:2.18982x120 lm		
NAME: NS-S1220-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 25.22 lm/W			
MODEL		I _{max} (cd)	85.17	S/MH(C0/180)	1.26
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.17
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	262.78	□ UP,DN(C0-180)	2.4,54.8
NOMINAL FLUX(lm)	2.18982	CIE CLASS	DIRECT	□ UP,DN(C180-360)	1.7,41.1
LAMPS INSIDE	120	□ up (%)	4.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	□ down (%)	95.9	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:25.3DEG
Operators:YSL
Test Date:2021-07-10

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

°	C0	C45	C90	C135	C180	C225	C270	C315	°	□ zone	□ total	%lum, lamp
10	82.99	84.36	85.13	84.59	82.76	81.49	80.69	81.20	0- 10	7.979	7.979	3.04,3.04
20	78.93	81.72	83.16	82.11	78.42	75.97	74.33	75.44	10- 20	22.91	30.89	11.8,11.8
30	72.22	76.32	78.38	76.86	71.46	67.87	65.48	67.12	20- 30	34.88	65.77	25,25
40	63.14	68.40	71.04	69.09	62.15	57.57	54.52	56.58	30- 40	42.33	108.1	41.1,41.1
50	51.99	58.34	61.51	59.16	50.81	45.41	41.84	44.18	40- 50	44.32	152.4	58,58
60	39.10	46.47	50.12	47.48	37.77	31.76	27.80	30.28	50- 60	40.59	193.0	73.5,73.5
70	24.90	33.08	37.21	34.29	23.52	17.33	13.58	15.73	60- 70	31.63	224.6	85.5,85.5
80	10.69	18.82	23.26	20.17	9.506	4.990	3.830	4.287	70- 80	19.22	243.9	92.8,92.8
90	1.526	6.275	9.887	7.253	0.8159	1.970	2.439	2.252	80- 90	8.182	252.0	95.9,95.9
100	0.3272	2.714	3.022	2.455	0.2500	1.731	2.322	2.038	90-100	2.940	255.0	97,97
110	0.3855	2.446	2.513	2.197	0.3508	1.564	2.212	1.783	100-110	1.941	256.9	97.8,97.8
120	0.5514	2.236	2.303	1.743	0.5004	1.355	2.072	1.582	110-120	1.663	258.6	98.4,98.4
130	0.6917	2.030	2.082	1.510	0.6383	1.213	1.805	1.411	120-130	1.372	260.0	98.9,98.9
140	0.9228	1.798	1.867	1.349	0.7528	1.081	1.604	1.240	130-140	1.061	261.0	99.3,99.3
150	1.040	1.543	1.631	1.029	0.9164	1.015	1.368	1.144	140-150	0.7906	261.8	99.6,99.6
160	1.099	1.346	1.400	1.130	1.026	1.015	1.192	1.096	150-160	0.5417	262.3	99.8,99.8
170	1.159	1.230	1.083	1.197	1.141	1.076	1.090	1.106	160-170	0.3216	262.7	100,100
180	1.227	1.230	1.164	1.240	1.234	1.228	1.166	1.248	170-180	0.1118	262.8	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 134.82 lm

%lum = 51.3%

%lamp = 51.3%

Conical surface Flux(120deg): 193.01 lm

%lum = 73.5%

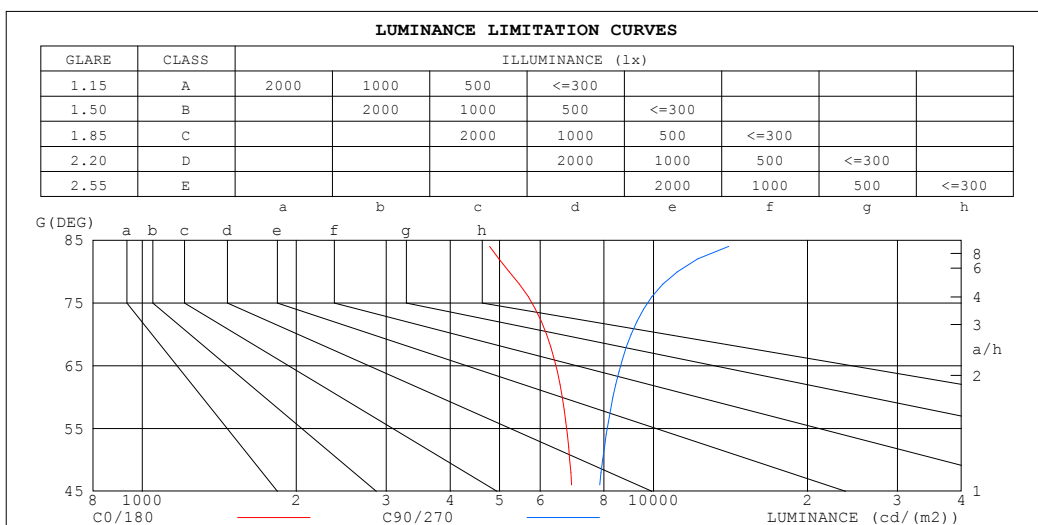
%lamp = 73.5%

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YSL
 Test Date:2021-07-10

□ Range: 0 - 180DEG
 □ Interval: 2.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity:65.0%
 Test Distance:5.749m [K=1.0000]
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:23.998V I:0.4341A P:10.417W PF:1.0000 Freq:0Hz Lamp Flux:2.18982x120 lm		
NAME: NS-S1220-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	5730	16836
80	5221	11133
75	6256	10182
70	6173	9042
65	6730	8872
60	6630	8331
55	6952	8283
50	6858	7953
45	7063	7931

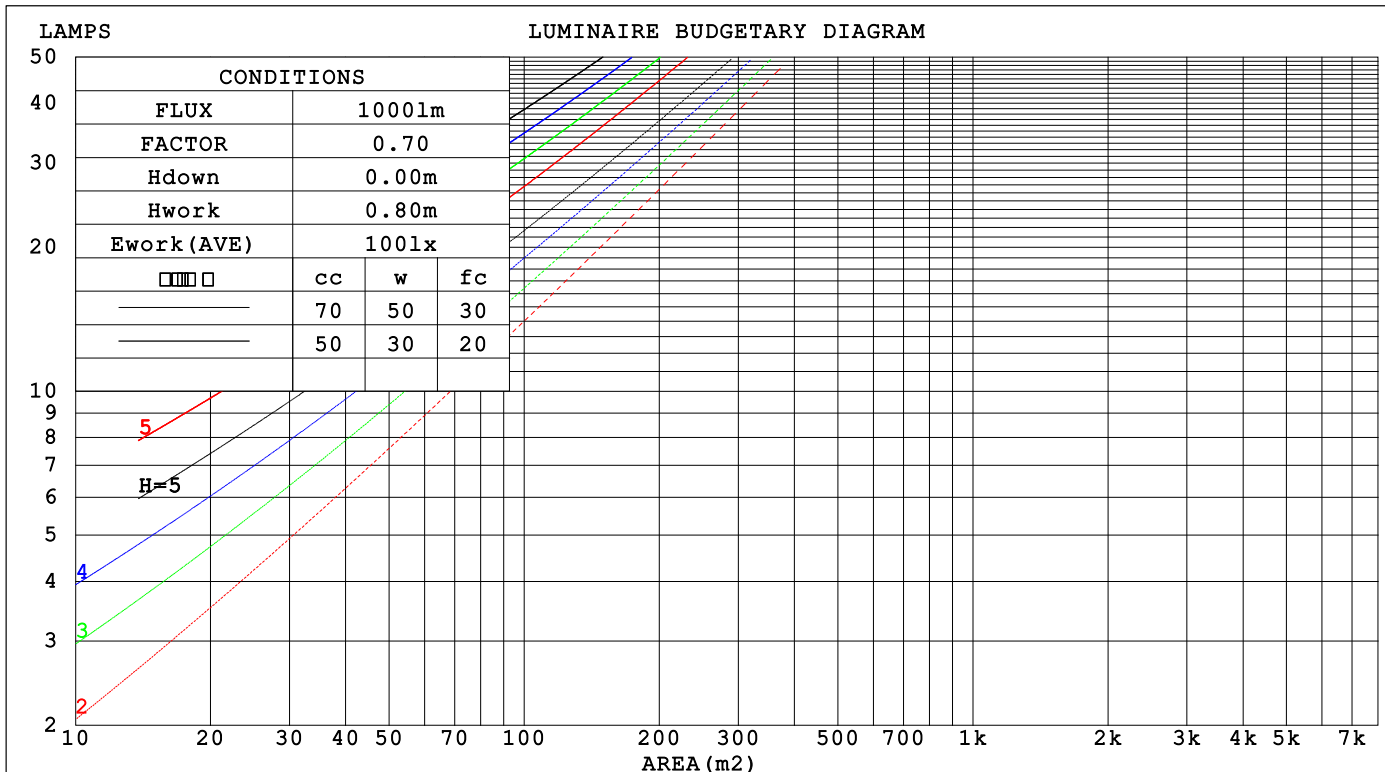
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-10

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:23.998V I:0.4341A P:10.417W PF:1.0000 Freq:0Hz Lamp Flux:2.18982x120 lm		
NAME: NS-S1220-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

□cc	80%			70%			50%			30%			10%			0														
□w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0														
□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	1.09	1.09	1.09	1.03	1.03	1.03	.98	.98	.98	.96														
1.0	1.02	.98	.93	.99	.95	.92	.94	.91	.88	.90	.87	.85	.85	.83	.81	.79														
2.0	.89	.82	.76	.86	.80	.74	.82	.77	.72	.78	.74	.70	.75	.71	.68	.65														
3.0	.78	.69	.63	.76	.68	.62	.72	.65	.60	.69	.63	.58	.66	.61	.57	.55														
4.0	.69	.60	.53	.67	.59	.52	.64	.57	.51	.61	.55	.50	.58	.53	.49	.46														
5.0	.61	.52	.45	.60	.51	.45	.57	.50	.44	.55	.48	.43	.52	.47	.42	.40														
6.0	.55	.46	.39	.54	.45	.39	.52	.44	.38	.49	.43	.38	.48	.42	.37	.35														
7.0	.50	.41	.35	.49	.40	.34	.47	.39	.34	.45	.38	.33	.43	.37	.33	.31														
8.0	.45	.37	.31	.44	.36	.31	.43	.35	.30	.41	.35	.30	.40	.34	.29	.27														
9.0	.42	.33	.28	.41	.33	.28	.39	.32	.27	.38	.31	.27	.37	.31	.26	.25														
10.0	.38	.30	.25	.38	.30	.25	.36	.29	.25	.35	.29	.24	.34	.28	.24	.22														



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-10

□ Range: 0 - 180DEG
□ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:23.998V I:0.4341A P:10.417W PF:1.0000 Freq:0Hz Lamp Flux:2.18982x120 lm		
NAME: NS-S1220-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0	
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.325	.185	.059	.317	.181	.057	.301	.173	.055	.287	.165	.053	.274	.159	.051		
2.0	.300	.164	.050	.292	.161	.050	.279	.155	.048	.266	.149	.047	.254	.144	.045		
3.0	.275	.146	.044	.268	.144	.043	.256	.139	.042	.245	.134	.041	.234	.130	.040		
4.0	.253	.131	.039	.247	.129	.038	.236	.125	.037	.225	.121	.036	.216	.117	.036		
5.0	.233	.119	.034	.227	.117	.034	.217	.113	.033	.208	.110	.033	.200	.107	.032		
6.0	.215	.108	.031	.211	.106	.031	.202	.103	.030	.193	.100	.030	.185	.098	.029		
7.0	.200	.099	.028	.196	.098	.028	.188	.095	.027	.180	.092	.027	.173	.090	.026		
8.0	.186	.091	.026	.183	.090	.025	.175	.088	.025	.169	.085	.025	.162	.083	.024		
9.0	.175	.084	.024	.171	.083	.023	.165	.081	.023	.158	.079	.023	.152	.077	.022		
10.0	.164	.079	.022	.161	.078	.022	.155	.076	.021	.149	.074	.021	.144	.072	.021		

<input type="checkbox"/> cc	80%			70%			50%			30%			10%			0	
<input type="checkbox"/> w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0	
<input type="checkbox"/> fc	20%			20%			20%			20%			20%			0	
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)										
0.0	.222	.222	.222	.189	.189	.189	.129	.129	.129	.074	.074	.074	.024	.024	.024		
1.0	.213	.187	.165	.182	.161	.142	.125	.111	.098	.072	.064	.057	.023	.021	.018		
2.0	.205	.163	.129	.176	.141	.111	.120	.097	.078	.069	.057	.045	.022	.018	.015		
3.0	.197	.146	.105	.169	.126	.091	.116	.088	.064	.067	.051	.038	.022	.017	.012		
4.0	.190	.133	.090	.163	.115	.078	.112	.080	.055	.065	.047	.032	.021	.015	.011		
5.0	.182	.123	.079	.156	.106	.069	.108	.074	.048	.062	.044	.029	.020	.014	.009		
6.0	.175	.114	.071	.150	.099	.062	.104	.069	.044	.060	.041	.026	.019	.013	.009		
7.0	.168	.108	.065	.145	.093	.057	.100	.065	.040	.058	.039	.024	.019	.013	.008		
8.0	.162	.102	.061	.139	.088	.053	.096	.062	.038	.056	.037	.022	.018	.012	.007		
9.0	.155	.097	.057	.134	.084	.050	.093	.059	.036	.054	.035	.021	.018	.011	.007		
10.0	.150	.093	.055	.129	.081	.048	.090	.057	.034	.052	.033	.020	.017	.011	.007		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-10

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

UGR(Unified Glare Rating) Table

Test:U:23.998V I:0.4341A P:10.417W PF:1.0000 Freq:0Hz Lamp Flux:2.18982x120 lm											
NAME: NS-S1220-W40-10					TYPE:			WEIGHT:			
SPEC.:					DIM.: 1*0.012*0.02MM			SERIAL No.:			
MFR.:					SUR.: 0.012*1			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		24.4	25.9	24.8	26.2	26.5	25.3	26.7	25.6	27.0	27.3
3H		26.0	27.4	26.4	27.7	28.0	27.3	28.7	27.7	29.0	29.3
4H		26.7	28.0	27.1	28.3	28.7	28.3	29.6	28.7	30.0	30.3
6H		27.2	28.4	27.5	28.7	29.1	29.3	30.5	29.7	30.9	31.2
8H		27.3	28.5	27.7	28.8	29.2	29.7	30.9	30.1	31.3	31.7
12H		27.4	28.5	27.8	28.9	29.3	30.2	31.3	30.6	31.7	32.1
4H 2H		25.3	26.6	25.7	26.9	27.3	25.9	27.2	26.3	27.5	27.9
3H		27.1	28.3	27.5	28.6	29.0	28.2	29.3	28.6	29.7	30.1
4H		27.9	29.0	28.4	29.4	29.8	29.3	30.4	29.8	30.8	31.2
6H		28.5	29.5	29.0	29.9	30.3	30.5	31.4	30.9	31.8	32.3
8H		28.7	29.6	29.2	30.0	30.5	31.0	31.9	31.5	32.3	32.8
12H		28.9	29.7	29.4	30.1	30.6	31.6	32.4	32.1	32.8	33.3
8H 4H		28.5	29.3	28.9	29.8	30.2	29.7	30.5	30.1	31.0	31.4
6H		29.3	30.0	29.8	30.5	31.0	31.0	31.7	31.5	32.2	32.7
8H		29.6	30.3	30.2	30.8	31.3	31.7	32.4	32.3	32.9	33.4
12H		29.9	30.5	30.4	31.0	31.5	32.5	33.0	33.0	33.6	34.1
12H 4H		28.6	29.4	29.1	29.8	30.3	29.7	30.5	30.2	30.9	31.4
6H		29.5	30.2	30.0	30.7	31.2	31.1	31.8	31.6	32.2	32.8
8H		29.9	30.5	30.5	31.0	31.6	31.9	32.4	32.4	33.0	33.5
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.1 / - 0.2					+ 0.1 / - 0.1				
1.5H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H		+ 0.2 / - 0.5					+ 0.2 / - 0.3				

CIE Pub.117, 262.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.6)
Area: 0.012 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-10

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:23.998V I:0.4341A P:10.417W PF:1.0000 Freq:0Hz Lamp Flux:2.18982x120 lm		
NAME: NS-S1220-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

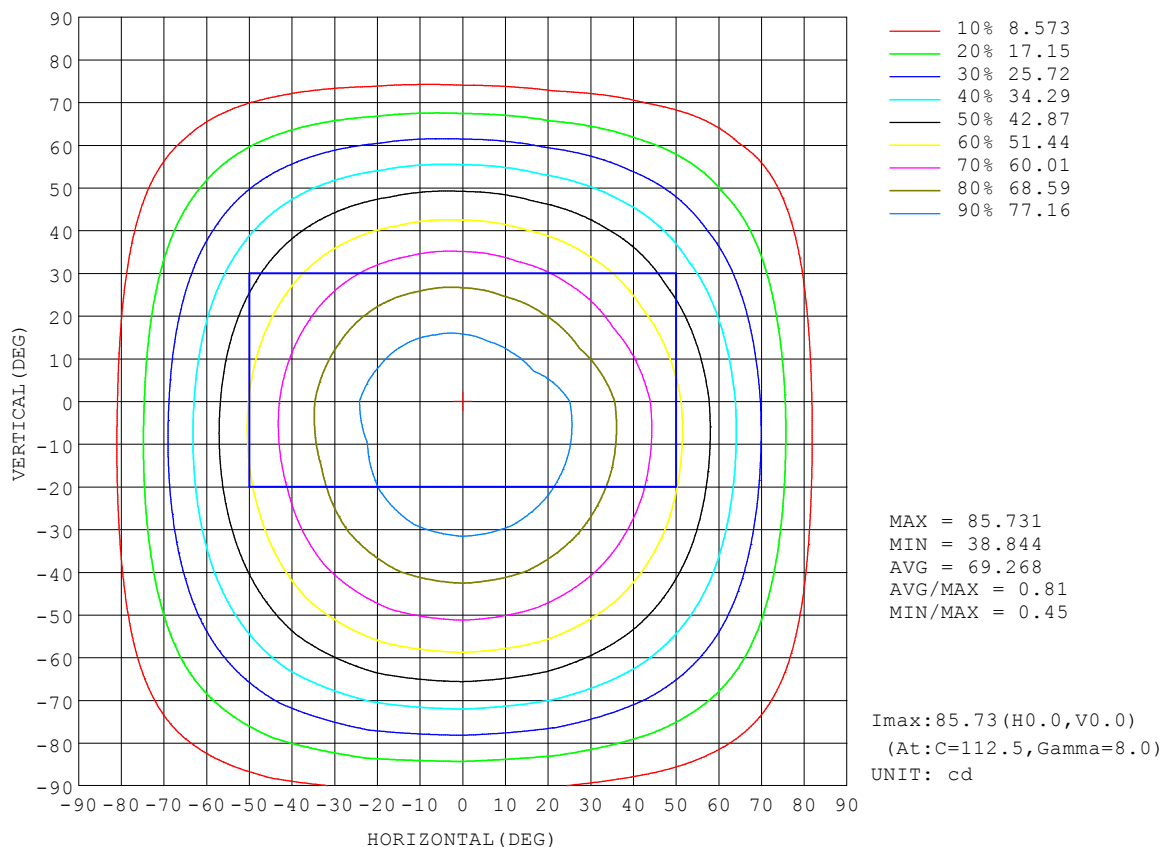
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	44	37	55	43	36	53	43	36	30
0.80	65	53	46	64	53	46	62	52	45	38
1.00	74	62	55	72	61	54	70	63	53	46
1.25	81	70	62	79	69	62	76	67	61	53
1.50	86	75	68	84	74	67	80	72	66	58
2.00	93	84	77	90	82	76	86	79	74	65
2.50	97	88	82	94	87	81	90	84	79	69
3.00	100	93	87	98	91	85	93	87	83	73
4.00	104	98	93	101	96	91	97	92	88	78
5.00	107	101	97	104	99	95	99	95	92	81
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:25.3DEG
Operators:YSL
Test Date:2021-07-10

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:23.998V I:0.4341A P:10.417W PF:1.0000 Freq:0Hz Lamp Flux:2.18982x120 lm		
NAME: NS-S1220-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

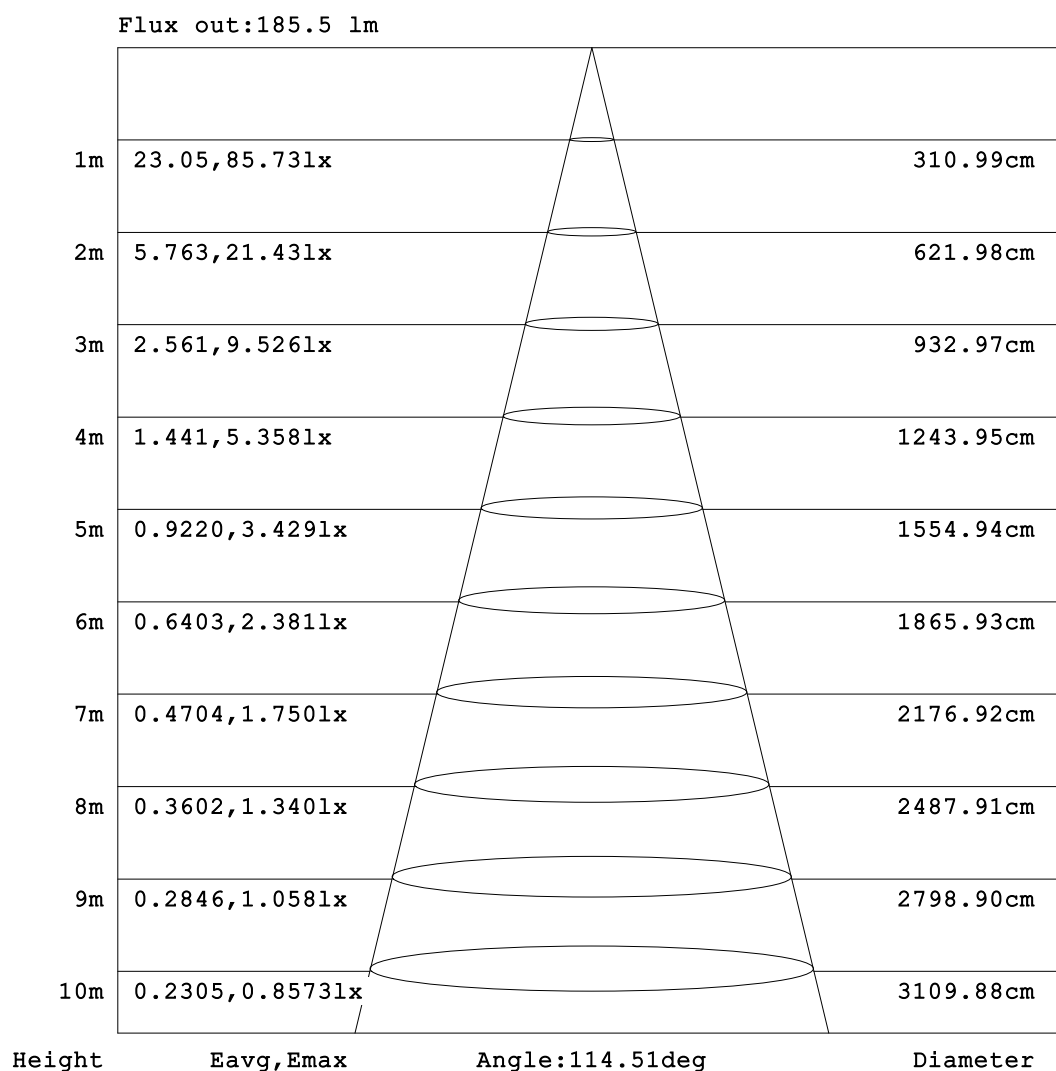


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-10

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

AAI Figure

Test:U:23.998V I:0.4341A P:10.417W PF:1.0000 Freq:0Hz Lamp Flux:2.18982x120 lm		
NAME: NS-S1220-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



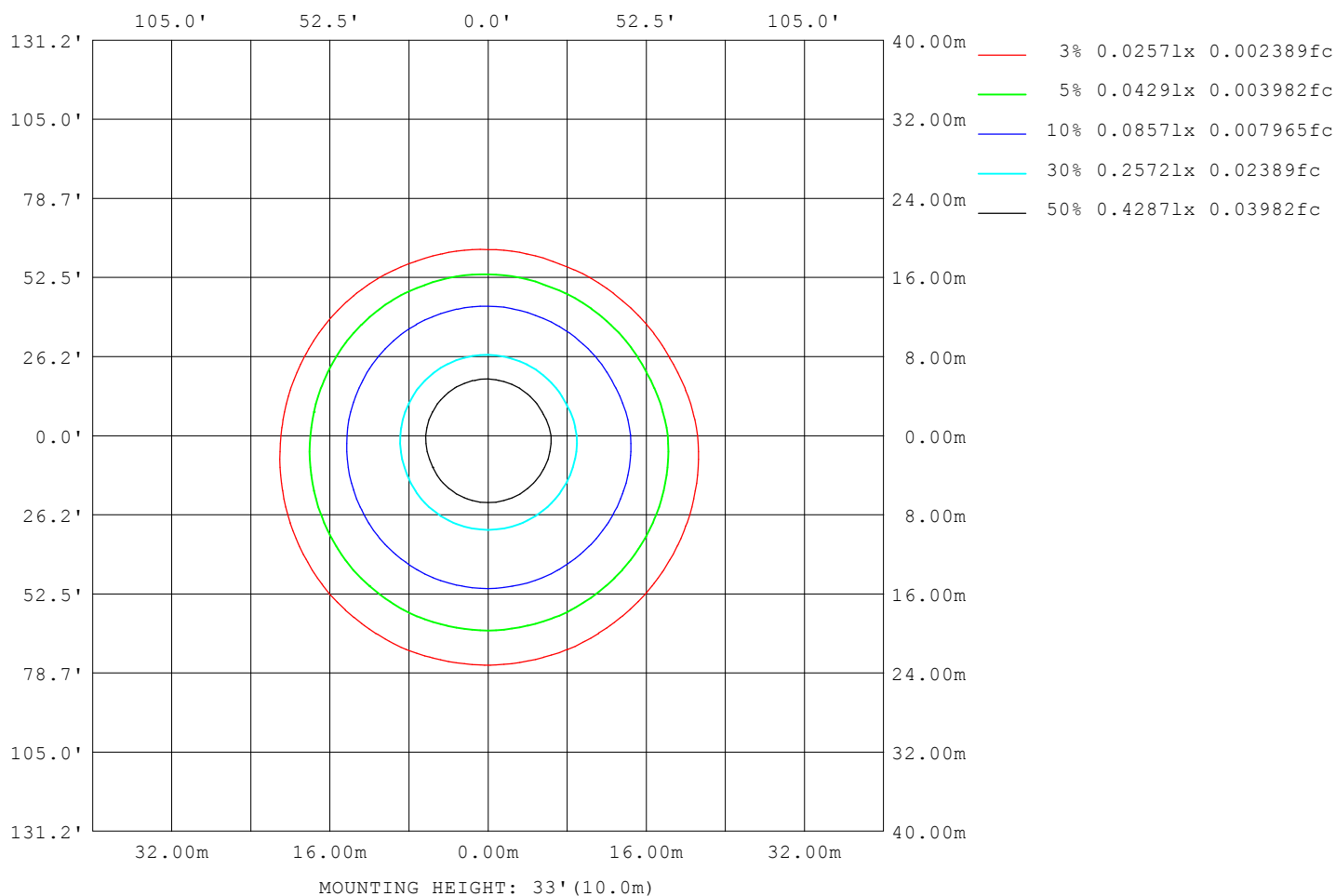
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-10

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:23.998V I:0.4341A P:10.417W PF:1.0000 Freq:0Hz Lamp Flux:2.18982x120 lm		
NAME: NS-S1220-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-10

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:23.998V I:0.4341A P:10.417W PF:1.0000 Freq:0Hz Lamp Flux:2.18982x120 lm		
NAME: NS-S1220-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

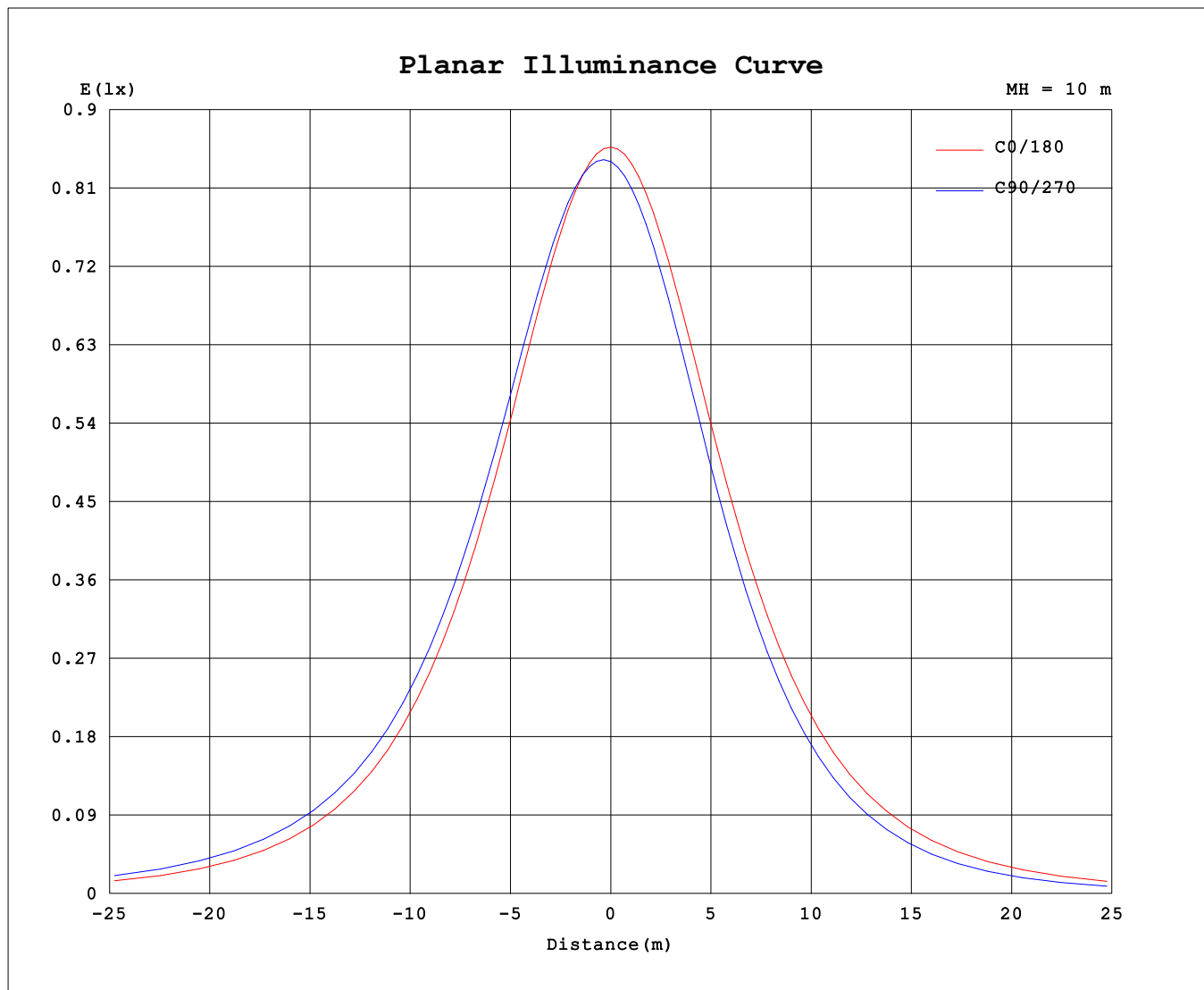
AvgL	cd/m2
L_0~180 (65) av	6201
L_0~180 (75) av	5461
L_0~180 (85) av	4134
L_90~270 (65) av	6350
L_90~270 (75) av	6097
L_90~270 (85) av	9040
L_45 (65) av	6336
L_45 (75) av	5868
L_45 (85) av	7204

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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Test Date:2021-07-10

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.450
Humidity:65.0%
Test Distance:5.749m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature: 25.3DEG
 Operators: YSL
 Test Date: 2021-07-10

☐ Range: 0 - 180DEG
☐ Interval: 2.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.450
 Humidity: 65.0%
 Test Distance: 5.749m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:23.998V I:0.4341A P:10.417W PF:1.0000 Freq:0Hz Lamp Flux:2.18982x120 lm		
NAME: NS-S1220-W40-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

Table--1

UNIT: cd

C (DEG) □ (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	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3			
5	84.1	84.4	84.6	84.8	84.9	84.9	84.7	84.4	84.0	83.7	83.5	83.3	83.2	83.2	83.4	83.7			
10	83.0	83.7	84.4	84.9	85.1	85.1	84.6	83.8	82.8	82.0	81.5	80.9	80.7	80.7	81.2	82.0			
15	81.7	82.8	83.6	84.4	84.7	84.7	83.9	82.8	81.4	80.4	79.6	78.8	78.5	78.5	79.2	80.3			
20	78.9	80.4	81.7	82.8	83.2	83.1	82.1	80.4	78.4	77.0	76.0	74.9	74.3	74.4	75.4	77.0			
25	76.6	78.4	79.9	81.1	81.6	81.5	80.3	78.4	76.0	74.3	73.0	71.7	71.1	71.2	72.4	74.2			
30	72.2	74.5	76.3	77.8	78.4	78.3	76.9	74.4	71.5	69.5	67.9	66.2	65.5	65.6	67.1	69.4			
35	68.9	71.4	73.4	75.1	75.7	75.6	74.0	71.3	68.0	65.8	64.0	62.2	61.3	61.4	63.2	65.7			
40	63.1	66.0	68.4	70.3	71.0	70.9	69.1	66.0	62.1	59.6	57.6	55.5	54.5	54.7	56.6	59.5			
45	58.9	62.1	64.6	66.7	67.5	67.3	65.4	62.0	57.8	55.1	52.9	50.7	49.6	49.8	51.8	55.0			
50	52.0	55.5	58.3	60.6	61.5	61.3	59.2	55.5	50.8	47.9	45.4	43.0	41.8	42.0	44.2	47.6			
55	47.0	50.8	53.8	56.2	57.2	57.0	54.7	50.8	45.8	42.7	40.1	37.5	36.4	36.4	38.8	42.4			
60	39.1	43.1	46.5	49.1	50.1	49.9	47.5	43.2	37.8	34.5	31.8	29.0	27.8	27.9	30.3	34.1			
65	33.5	37.7	41.3	44.1	45.1	44.9	42.4	37.9	32.2	28.8	26.0	23.3	22.0	22.1	24.4	28.3			
70	24.9	29.3	33.1	36.0	37.2	37.0	34.3	29.6	23.5	20.1	17.3	14.7	13.6	13.5	15.7	19.5			
75	19.1	23.5	27.4	30.5	31.7	31.5	28.7	23.9	17.7	14.3	11.8	9.54	8.63	8.53	10.4	13.7			
80	10.7	14.8	18.8	22.0	23.3	23.0	20.2	15.3	9.51	6.53	4.99	4.06	3.83	3.69	4.29	6.15			
85	5.89	9.44	13.3	16.4	17.7	17.4	14.6	9.94	4.78	2.87	2.63	2.67	2.74	2.63	2.68	3.00			
90	1.53	3.54	6.28	8.77	9.89	9.63	7.25	3.68	0.82	1.41	1.97	2.29	2.44	2.35	2.25	2.02			
95	0.35	2.37	3.59	5.11	5.89	5.68	3.99	1.98	0.29	1.29	1.89	2.23	2.38	2.28	2.17	1.82			
100	0.33	2.18	2.71	2.96	3.02	2.97	2.46	1.68	0.25	1.03	1.73	2.17	2.32	2.22	2.04	1.40			
105	0.30	2.12	2.59	2.75	2.67	2.65	2.31	1.63	0.26	0.96	1.66	2.13	2.28	2.17	1.94	1.16			
110	0.39	2.04	2.45	2.59	2.51	2.50	2.20	1.56	0.35	0.91	1.56	2.01	2.21	2.09	1.78	0.95			
115	0.45	1.99	2.36	2.49	2.43	2.40	2.08	1.41	0.41	0.87	1.48	1.93	2.16	2.04	1.70	0.89			
120	0.55	1.89	2.24	2.36	2.30	2.23	1.74	1.32	0.50	0.82	1.36	1.84	2.07	1.96	1.58	0.84			
125	0.61	1.81	2.15	2.27	2.22	2.15	1.63	1.26	0.56	0.81	1.29	1.79	2.00	1.90	1.51	0.84			
130	0.69	1.70	2.03	2.14	2.08	1.88	1.51	0.94	0.64	0.81	1.21	1.60	1.80	1.78	1.41	0.86			
135	0.76	1.61	1.95	2.05	1.99	1.66	1.44	0.84	0.69	0.81	1.16	1.48	1.73	1.69	1.34	0.86			
140	0.92	1.50	1.80	1.92	1.87	1.50	1.35	0.83	0.75	0.83	1.08	1.35	1.60	1.56	1.24	0.90			
145	1.00	1.44	1.71	1.83	1.79	1.43	1.20	0.84	0.79	0.85	1.05	1.27	1.49	1.46	1.20	0.92			
150	1.04	1.37	1.54	1.65	1.63	1.26	1.03	1.02	0.92	0.88	1.01	1.16	1.37	1.32	1.14	0.94			
155	1.06	1.34	1.46	1.54	1.54	1.14	0.96	1.06	0.97	0.92	1.01	1.11	1.28	1.26	1.12	0.96			
160	1.10	1.28	1.35	1.38	1.40	1.02	1.13	1.11	1.03	0.97	1.01	1.07	1.19	1.17	1.10	1.01			
165	1.12	1.25	1.28	1.29	1.29	1.02	1.15	1.15	1.07	1.01	1.04	1.06	1.13	1.13	1.08	1.05			
170	1.16	1.22	1.23	1.23	1.08	1.16	1.20	1.21	1.14	1.08	1.08	1.08	1.09	1.10	1.11	1.12			
175	1.19	1.23	1.24	1.24	1.11	1.23	1.24	1.25	1.18	1.14	1.11	1.10	1.11	1.11	1.14	1.18			
180	1.23	1.23	1.23	1.23	1.16	1.23	1.24	1.24	1.23	1.23	1.23	1.22	1.17	1.23	1.25	1.23			

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