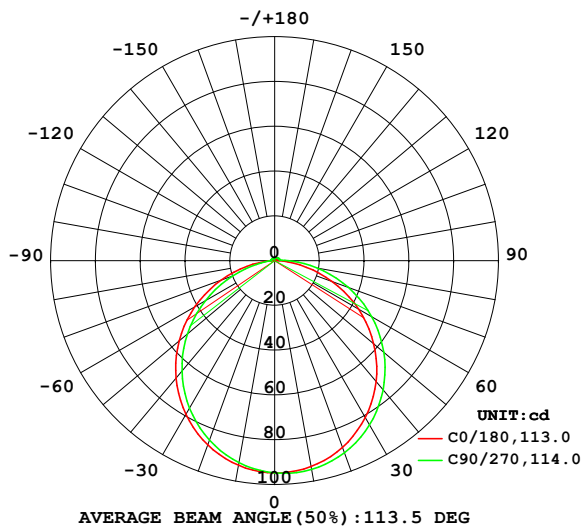


LUMINAIRE PHOTOMETRIC TEST REPORT

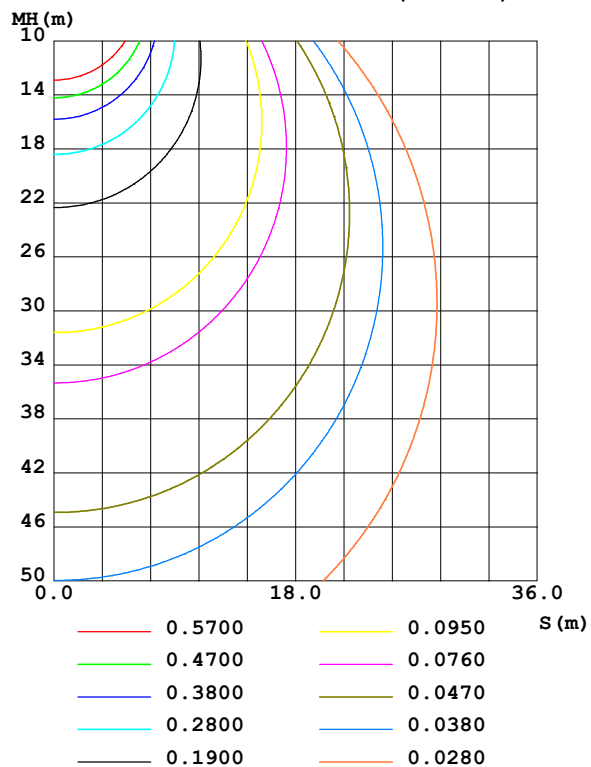
Test:U:23.998V I:0.4274A P:10.257W PF:1.0000 Freq:0Hz Lamp Flux:2.3806x120 lm		
NAME: NS-S1220-W30-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 27.85 lm/W			
MODEL		I _{max} (cd)	95.14	S/MH(C0/180)	1.24
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.20
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	285.67	□ UP,DN(C0-180)	1.9,52.6
NOMINAL FLUX(lm)	2.3806	CIE CLASS	DIRECT	□ UP,DN(C180-360)	1.3,44.2
LAMPS INSIDE	120	□ up (%)	3.2	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	□ down (%)	96.8	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	93.40	94.23	94.69	94.26	92.83	92.11	91.66	92.06	0- 10	8.970	8.970	3.14,3.14
20	88.72	90.44	91.27	90.43	87.56	86.22	85.28	86.13	10- 20	25.71	34.68	12.1,12.1
30	80.95	83.49	84.71	83.47	79.31	77.39	76.06	77.24	20- 30	39.01	73.69	25.8,25.8
40	70.50	73.76	75.36	73.81	68.52	66.14	64.45	65.82	30- 40	47.14	120.8	42.3,42.3
50	57.79	61.66	63.65	61.85	55.63	52.88	50.87	52.33	40- 50	49.12	169.9	59.5,59.5
60	43.26	47.68	50.08	48.11	41.09	38.06	35.79	37.18	50- 60	44.73	214.7	75.1,75.1
70	27.34	32.21	35.03	32.97	25.34	22.27	19.91	21.05	60- 70	34.54	249.2	87.2,87.2
80	11.50	16.21	19.30	17.29	9.865	7.624	6.236	6.663	70- 80	20.29	269.5	94.3,94.3
90	1.430	4.099	6.183	4.710	0.7162	1.687	1.997	2.010	80- 90	7.151	276.7	96.8,96.8
100	0.2494	2.265	2.439	2.063	0.2472	1.352	1.781	1.741	90-100	2.189	278.8	97.6,97.6
110	0.4181	2.035	2.156	1.846	0.3781	1.224	1.672	1.543	100-110	1.632	280.5	98.2,98.2
120	0.6059	1.864	1.966	1.501	0.5539	1.072	1.581	1.384	110-120	1.393	281.9	98.7,98.7
130	0.7652	1.702	1.795	1.363	0.7014	0.9862	1.465	1.034	120-130	1.167	283.0	99.1,99.1
140	0.9030	1.562	1.650	1.277	0.8320	0.8913	1.194	0.9862	130-140	0.9224	284.0	99.4,99.4
150	1.058	1.440	1.510	1.096	0.9865	0.9555	1.028	1.036	140-150	0.7135	284.7	99.7,99.7
160	1.165	1.348	1.418	1.193	1.117	1.041	1.083	1.105	150-160	0.5341	285.2	99.8,99.8
170	1.269	1.331	1.337	1.267	1.248	1.186	1.185	1.220	160-170	0.3419	285.5	100,100
180	1.350	1.336	1.308	1.351	1.352	1.336	1.311	1.351	170-180	0.1225	285.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 150.47 lm

%lum = 52.7%

%lamp = 52.7%

Conical surface Flux(120deg): 214.67 lm

%lum = 75.1%

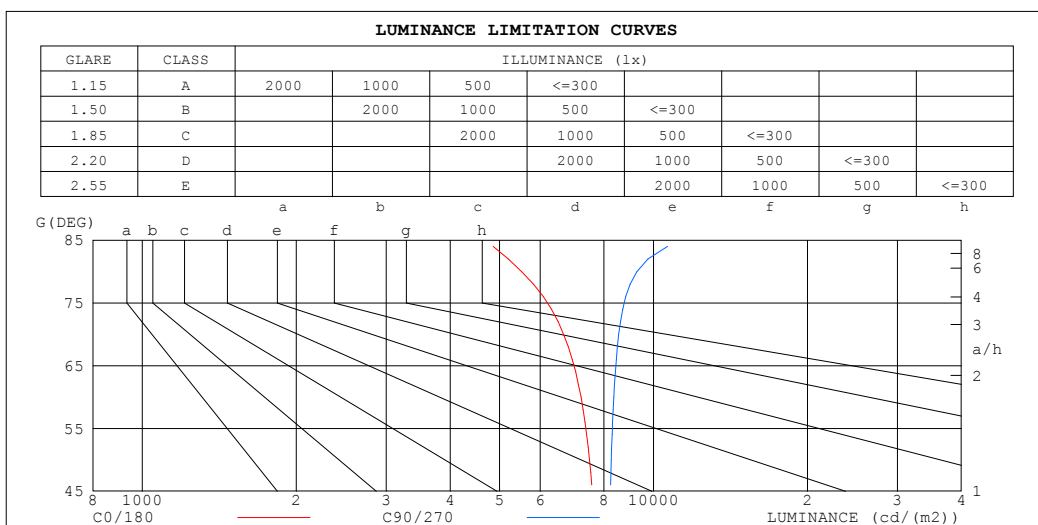
%lamp = 75.1%

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:0.4274A P:10.257W PF:1.0000 Freq:0Hz Lamp Flux:2.3806x120 lm		
NAME: NS-S1220-W30-10	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	5820	12785
80	5520	9277
75	6727	9269
70	6665	8548
65	7303	8733
60	7213	8359
55	7585	8502
50	7496	8264
45	7742	8372

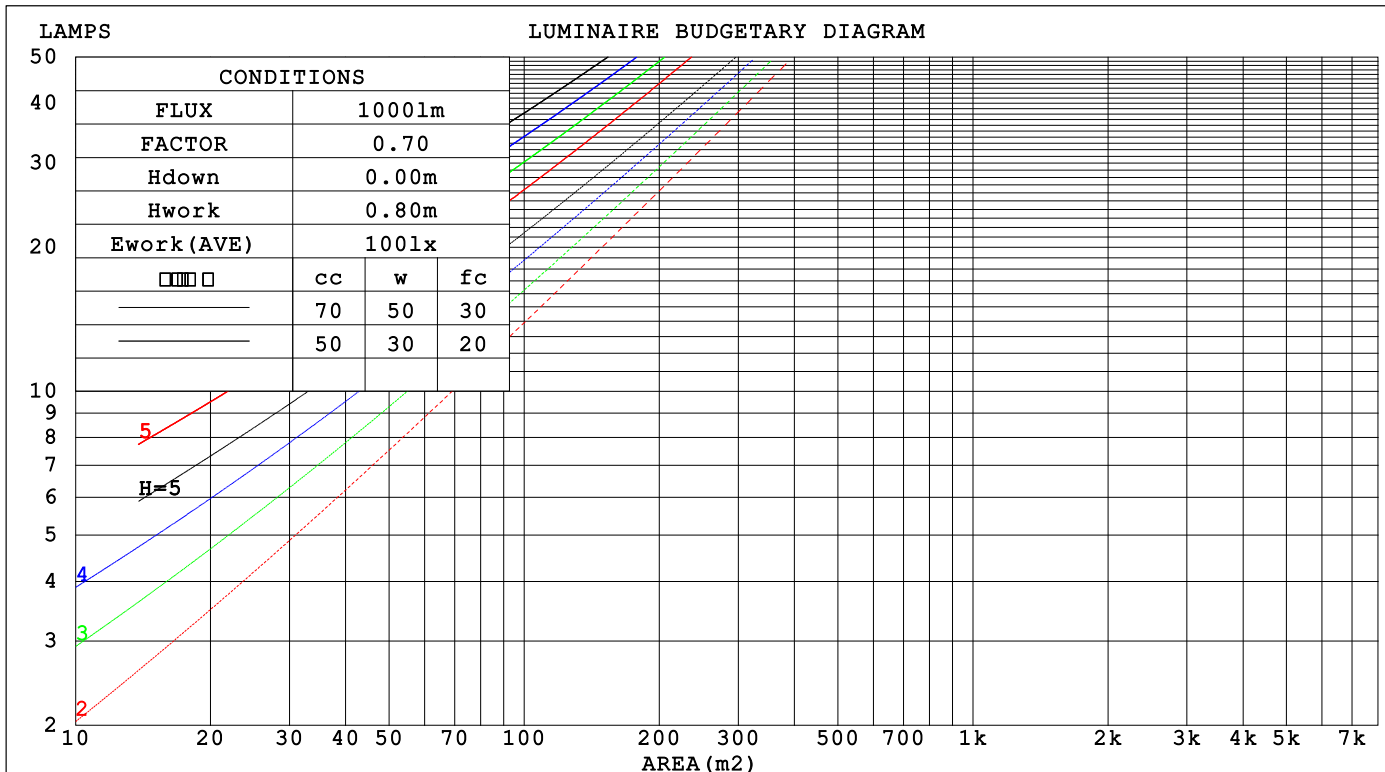
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YSL
 Test Date:2021-07-10

☐ 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:0.4274A P:10.257W PF:1.0000 Freq:0Hz		
Lamp Flux:2.3806x120 lm		
NAME: NS-S1220-W30-10	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	1.04	1.04	1.04	.99	.99	.99	.97														
1.0	1.03	.98	.94	1.00	.96	.92	.95	.92	.89	.91	.88	.86	.87	.85	.83	.80														
2.0	.89	.82	.76	.87	.81	.75	.83	.78	.73	.79	.75	.71	.76	.72	.69	.67														
3.0	.78	.70	.63	.76	.69	.63	.73	.66	.61	.70	.64	.60	.67	.62	.58	.56														
4.0	.69	.60	.54	.68	.59	.53	.65	.58	.52	.62	.56	.51	.59	.54	.50	.48														
5.0	.62	.53	.46	.60	.52	.46	.58	.50	.45	.56	.49	.44	.53	.48	.43	.41														
6.0	.56	.47	.40	.54	.46	.40	.52	.45	.39	.50	.44	.39	.48	.43	.38	.36														
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.35	.46	.39	.34	.44	.38	.34	.32														
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28														
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25														
10.0	.39	.31	.26	.38	.31	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23														



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:0.4274A P:10.257W PF:1.0000 Freq:0Hz Lamp Flux:2.3806x120 lm		
NAME: NS-S1220-W30-10	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	.317 .181 .057	.309 .176 .056	.294 .169 .054	.280 .162 .052	.268 .155 .050	
2.0	.296 .162 .050	.288 .159 .049	.275 .153 .047	.263 .147 .046	.251 .142 .045	
3.0	.272 .145 .043	.266 .142 .043	.254 .138 .042	.243 .133 .041	.233 .129 .040	
4.0	.251 .130 .038	.245 .128 .038	.234 .124 .037	.224 .121 .036	.215 .117 .036	
5.0	.231 .118 .034	.226 .116 .034	.217 .113 .033	.208 .110 .033	.200 .107 .032	
6.0	.214 .107 .031	.210 .106 .030	.201 .103 .030	.193 .100 .030	.186 .098 .029	
7.0	.199 .098 .028	.195 .097 .028	.187 .095 .027	.180 .092 .027	.173 .090 .026	
8.0	.186 .091 .026	.182 .090 .025	.175 .088 .025	.169 .086 .025	.163 .084 .024	
9.0	.174 .084 .024	.171 .083 .023	.165 .081 .023	.159 .080 .023	.153 .078 .022	
10.0	.164 .078 .022	.161 .078 .022	.155 .076 .021	.150 .074 .021	.144 .073 .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	.215 .215 .215	.183 .183 .183	.125 .125 .125	.072 .072 .072	.023 .023 .023	
1.0	.205 .180 .158	.175 .155 .136	.120 .106 .094	.069 .062 .055	.022 .020 .018	
2.0	.197 .156 .122	.169 .135 .105	.116 .093 .074	.067 .054 .043	.021 .018 .014	
3.0	.189 .139 .099	.162 .120 .085	.112 .083 .060	.064 .049 .035	.021 .016 .012	
4.0	.182 .126 .083	.156 .109 .072	.107 .076 .051	.062 .044 .030	.020 .014 .010	
5.0	.174 .115 .072	.150 .100 .062	.103 .070 .044	.060 .041 .026	.019 .013 .009	
6.0	.167 .107 .064	.144 .093 .056	.099 .065 .039	.058 .038 .023	.019 .012 .008	
7.0	.160 .100 .058	.138 .087 .051	.095 .061 .036	.055 .036 .021	.018 .012 .007	
8.0	.154 .094 .054	.133 .082 .047	.092 .058 .033	.053 .034 .020	.017 .011 .007	
9.0	.148 .090 .050	.127 .078 .044	.088 .055 .031	.051 .032 .019	.017 .011 .006	
10.0	.142 .085 .047	.123 .074 .041	.085 .052 .029	.050 .031 .018	.016 .010 .006	

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:0.4274A P:10.257W PF:1.0000 Freq:0Hz										
Lamp Flux:2.3806x120 lm										
NAME: NS-S1220-W30-10					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	24.3	25.8	24.6	26.1	26.3	24.8	26.3	25.2	26.6	26.9
3H	25.9	27.2	26.2	27.5	27.8	26.7	28.1	27.0	28.4	28.7
4H	26.5	27.8	26.9	28.1	28.4	27.6	28.9	27.9	29.2	29.5
6H	26.9	28.2	27.3	28.5	28.8	28.3	29.5	28.7	29.9	30.2
8H	27.1	28.2	27.5	28.6	28.9	28.6	29.8	29.0	30.1	30.5
12H	27.1	28.3	27.5	28.6	29.0	28.9	30.1	29.3	30.4	30.8
4H 2H	25.1	26.4	25.4	26.7	27.0	25.5	26.8	25.8	27.1	27.4
3H	26.8	28.0	27.2	28.3	28.7	27.5	28.7	27.9	29.0	29.4
4H	27.6	28.6	28.0	29.0	29.4	28.5	29.6	28.9	29.9	30.3
6H	28.2	29.1	28.6	29.5	29.9	29.4	30.3	29.9	30.8	31.2
8H	28.3	29.2	28.8	29.6	30.1	29.8	30.7	30.3	31.1	31.6
12H	28.5	29.3	28.9	29.7	30.2	30.2	31.0	30.7	31.4	31.9
8H 4H	28.0	28.9	28.5	29.3	29.7	28.8	29.7	29.3	30.1	30.5
6H	28.8	29.5	29.3	29.9	30.4	29.9	30.6	30.4	31.1	31.6
8H	29.1	29.7	29.6	30.2	30.7	30.4	31.1	30.9	31.6	32.1
12H	29.3	29.8	29.8	30.3	30.9	31.0	31.5	31.5	32.0	32.6
12H 4H	28.1	28.9	28.5	29.3	29.8	28.8	29.6	29.3	30.1	30.5
6H	28.9	29.5	29.4	30.0	30.5	30.0	30.6	30.5	31.1	31.6
8H	29.2	29.8	29.8	30.3	30.8	30.6	31.1	31.1	31.6	32.2
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 / - 0.4					+ 0.1 / - 0.3				

CIE Pub.117, 285.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.4)
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:0.4274A P:10.257W PF:1.0000 Freq:0Hz Lamp Flux:2.3806x120 lm		
NAME: NS-S1220-W30-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

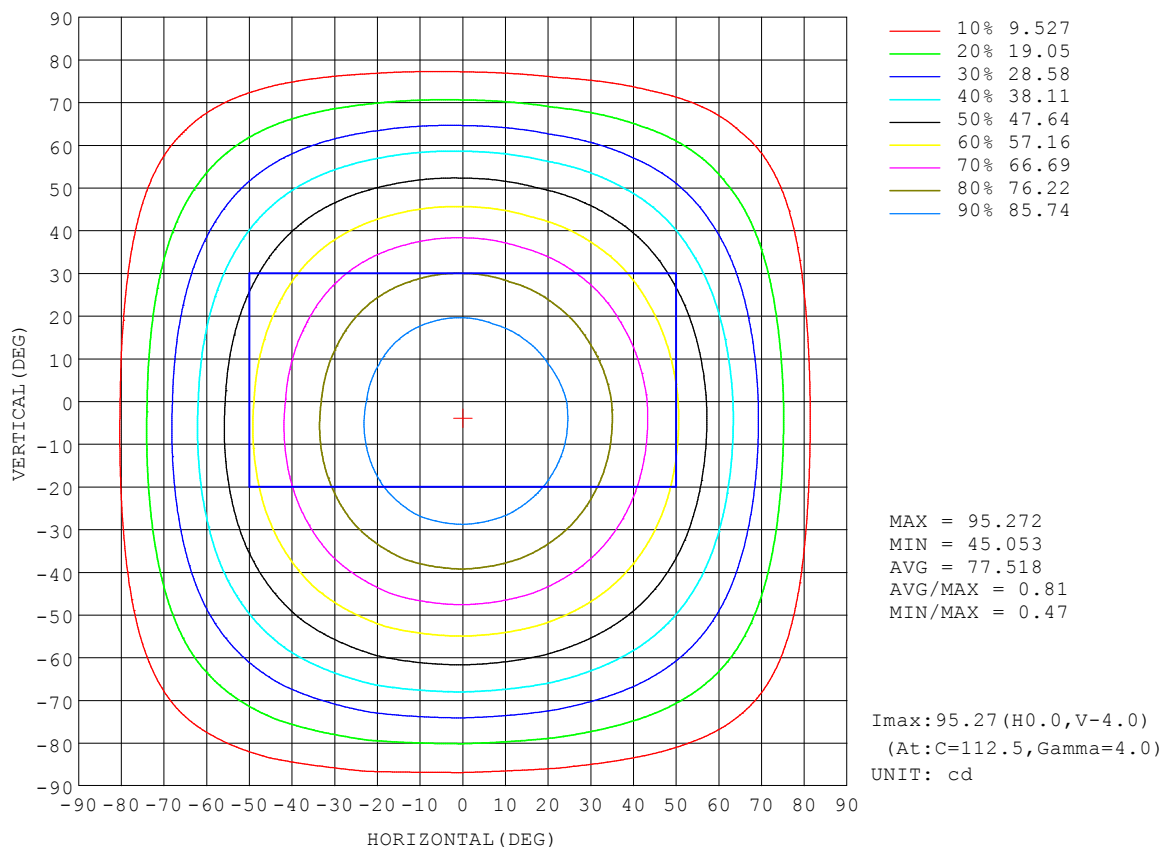
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	47	63	53	46	39
1.00	74	63	56	73	62	55	71	64	55	47
1.25	81	71	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	81	73	67	59
2.00	93	85	78	91	83	77	87	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	94	88	98	92	87	94	89	84	75
4.00	105	99	94	102	97	92	97	93	89	80
5.00	107	102	98	105	100	96	100	96	93	83
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:0.4274A P:10.257W PF:1.0000 Freq:0Hz Lamp Flux:2.3806x120 lm		
NAME: NS-S1220-W30-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

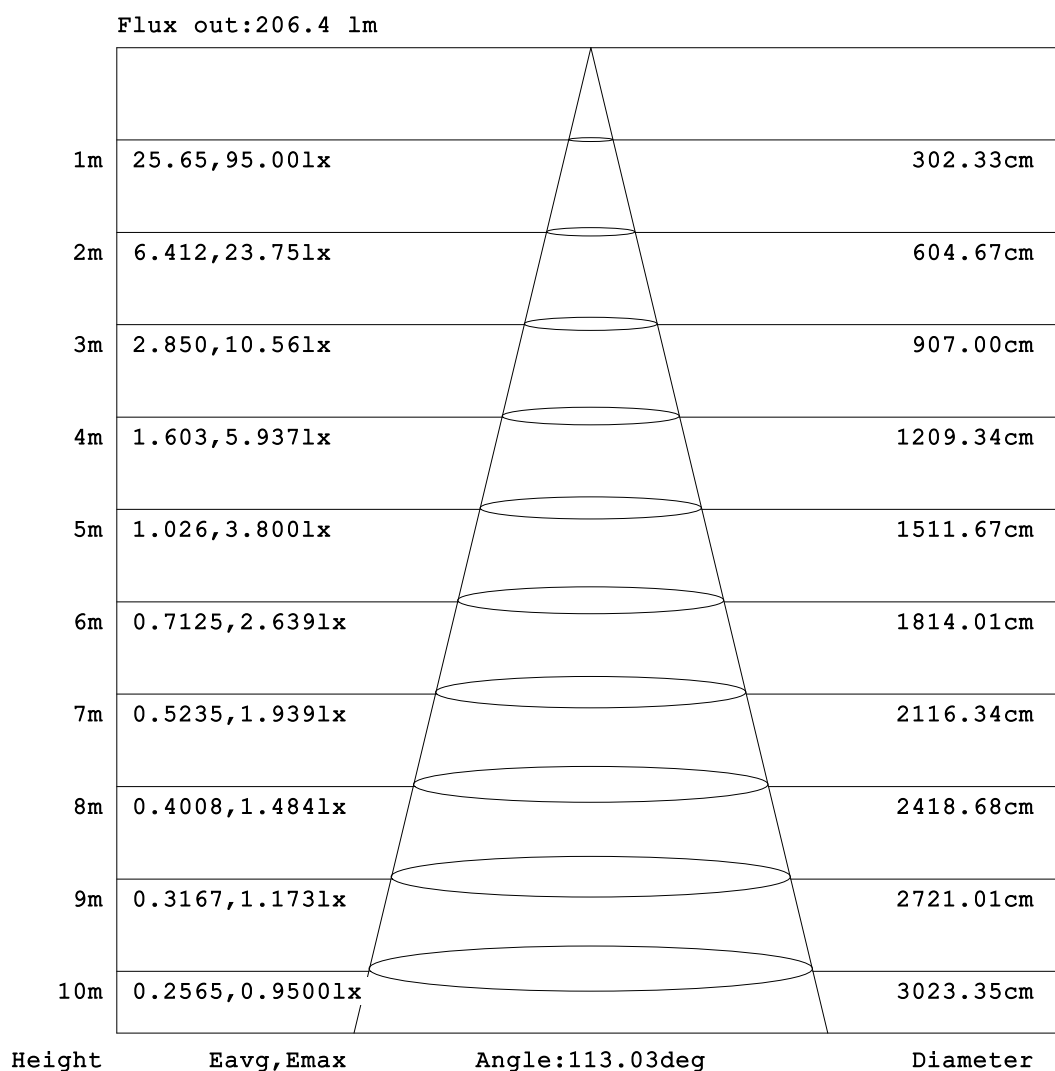


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YSL
 Test Date:2021-07-10

☐ 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:0.4274A P:10.257W PF:1.0000 Freq:0Hz Lamp Flux:2.3806x120 lm		
NAME: NS-S1220-W30-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



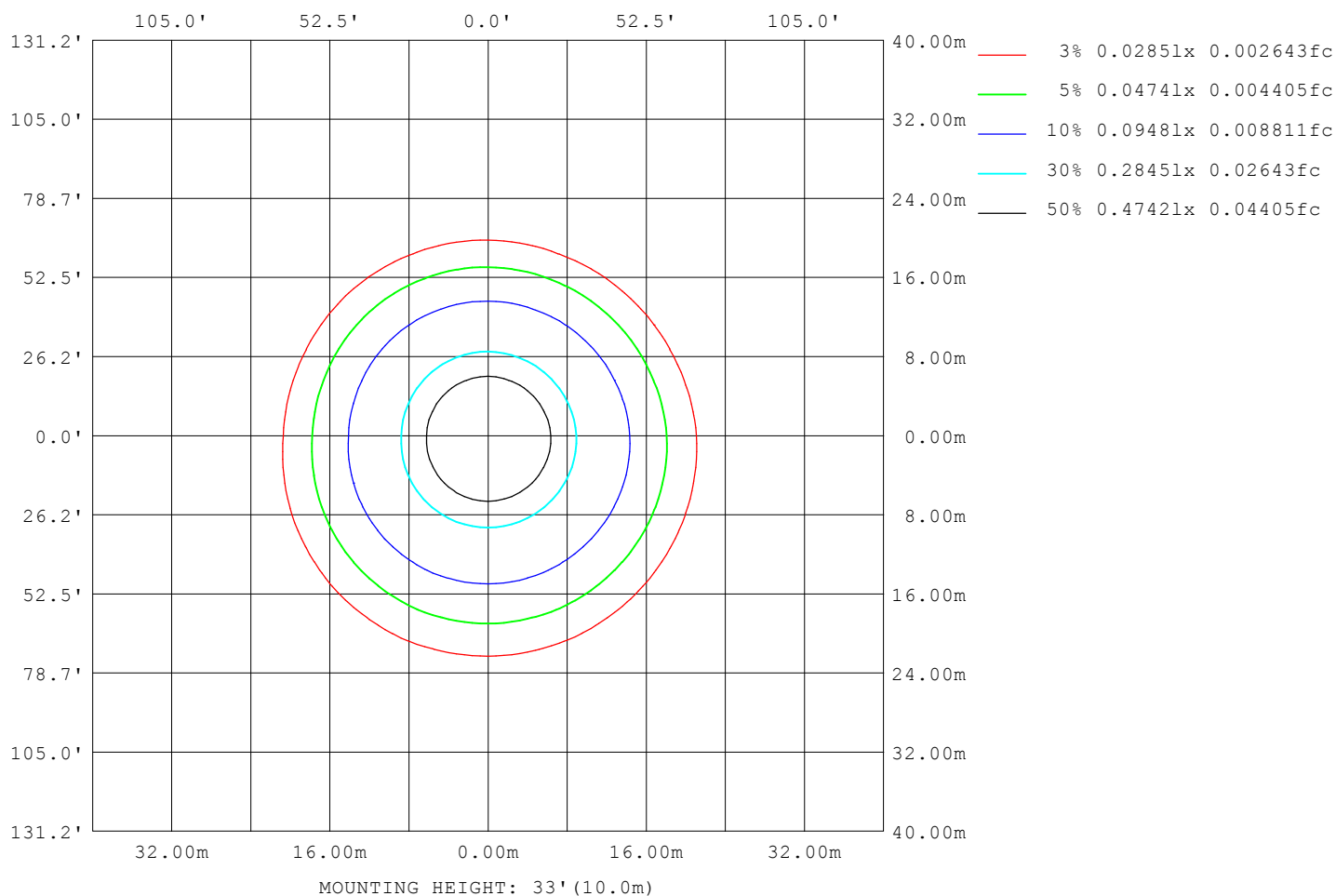
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.4274A P:10.257W PF:1.0000 Freq:0Hz Lamp Flux:2.3806x120 lm		
NAME: NS-S1220-W30-10	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:0.4274A P:10.257W PF:1.0000 Freq:0Hz Lamp Flux:2.3806x120 lm		
NAME: NS-S1220-W30-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

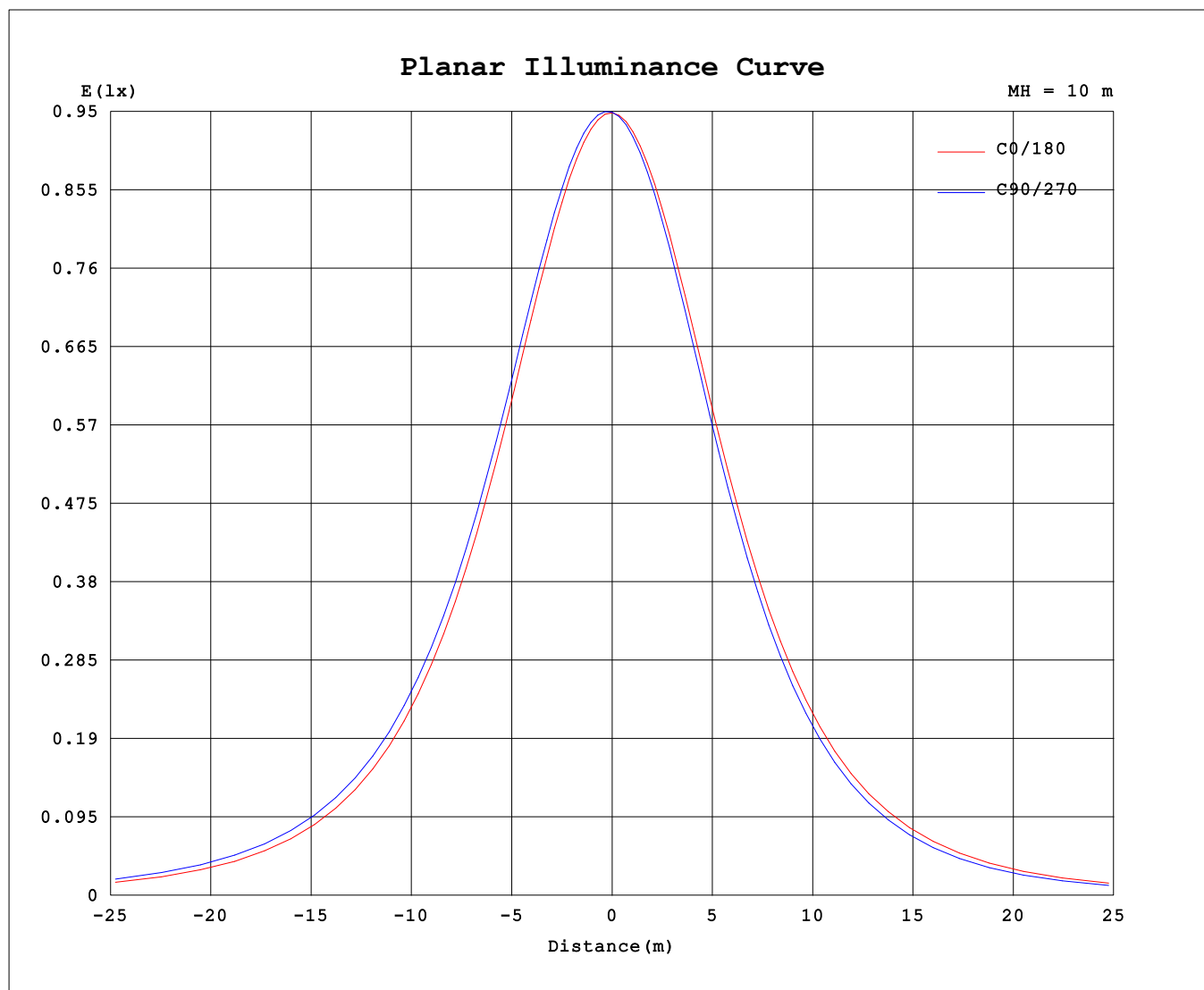
AvgL	cd/m2
L_0~180 (65) av	6778
L_0~180 (75) av	5899
L_0~180 (85) av	4138
L_90~270 (65) av	6958
L_90~270 (75) av	6365
L_90~270 (85) av	7127
L_45 (65) av	6910
L_45 (75) av	6199
L_45 (85) av	6003

Standard: GB/T 29293-2012

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:

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:0.4274A P:10.257W PF:1.0000 Freq:0Hz Lamp Flux:2.3806x120 lm		
NAME: NS-S1220-W30-10	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	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8			
5	94.6	94.8	95.0	95.1	95.1	95.1	95.0	94.7	94.4	94.2	94.1	94.0	93.9	93.9	94.1	94.3			
10	93.4	93.9	94.2	94.5	94.7	94.7	94.3	93.6	92.8	92.4	92.1	91.8	91.7	91.6	92.1	92.6			
15	91.9	92.6	93.1	93.5	93.7	93.7	93.1	92.2	91.1	90.5	90.1	89.7	89.5	89.4	90.1	90.9			
20	88.7	89.7	90.4	91.0	91.3	91.2	90.4	89.1	87.6	86.7	86.2	85.6	85.3	85.3	86.1	87.3			
25	86.0	87.1	88.0	88.8	89.0	88.9	88.0	86.5	84.6	83.6	83.0	82.3	81.9	82.0	82.9	84.2			
30	80.9	82.4	83.5	84.4	84.7	84.6	83.5	81.6	79.3	78.2	77.4	76.5	76.1	76.1	77.2	78.8			
35	77.1	78.7	79.9	80.9	81.3	81.2	79.9	77.8	75.3	74.0	73.2	72.2	71.7	71.7	72.9	74.7			
40	70.5	72.3	73.8	74.9	75.4	75.2	73.8	71.4	68.5	67.1	66.1	65.0	64.4	64.5	65.8	67.8			
45	65.7	67.6	69.2	70.5	70.9	70.8	69.3	66.7	63.6	62.1	61.0	59.9	59.2	59.2	60.6	62.8			
50	57.8	60.0	61.7	63.1	63.7	63.5	61.8	59.1	55.6	54.0	52.9	51.6	50.9	50.8	52.3	54.6			
55	52.2	54.5	56.3	57.9	58.4	58.3	56.5	53.7	50.0	48.3	47.1	45.8	45.0	44.9	46.4	48.8			
60	43.3	45.7	47.7	49.4	50.1	50.0	48.1	45.0	41.1	39.3	38.1	36.6	35.8	35.6	37.2	39.6			
65	37.0	39.6	41.6	43.5	44.2	44.1	42.2	39.0	34.9	33.0	31.8	30.3	29.5	29.2	30.8	33.3			
70	27.3	29.9	32.2	34.2	35.0	35.0	33.0	29.6	25.3	23.5	22.3	20.8	19.9	19.6	21.1	23.5			
75	20.9	23.4	25.8	27.8	28.7	28.7	26.7	23.2	18.9	17.1	16.0	14.6	13.8	13.5	14.8	17.0			
80	11.5	13.8	16.2	18.3	19.3	19.3	17.3	13.9	9.87	8.30	7.62	6.74	6.24	5.96	6.66	8.16			
85	6.08	8.11	10.4	12.4	13.4	13.3	11.4	8.30	4.79	3.76	3.67	3.50	3.36	3.22	3.35	3.88			
90	1.43	2.67	4.10	5.51	6.18	6.15	4.71	2.59	0.72	1.20	1.69	1.94	2.00	2.03	2.01	1.85			
95	0.36	2.01	2.59	3.21	3.51	3.47	2.65	1.63	0.30	1.04	1.54	1.80	1.86	1.90	1.87	1.67			
100	0.25	1.84	2.27	2.48	2.44	2.43	2.06	1.43	0.25	0.82	1.35	1.71	1.78	1.80	1.74	1.40			
105	0.31	1.77	2.16	2.35	2.30	2.29	1.93	1.39	0.29	0.78	1.32	1.66	1.73	1.75	1.66	1.21			
110	0.42	1.68	2.03	2.20	2.16	2.15	1.85	1.28	0.38	0.75	1.22	1.54	1.67	1.67	1.54	0.94			
115	0.49	1.62	1.97	2.13	2.07	2.07	1.75	1.23	0.45	0.70	1.18	1.49	1.63	1.62	1.47	0.76			
120	0.61	1.53	1.86	2.01	1.97	1.94	1.50	1.18	0.55	0.67	1.07	1.44	1.58	1.56	1.38	0.70			
125	0.67	1.47	1.79	1.93	1.90	1.86	1.43	1.16	0.62	0.68	1.06	1.42	1.50	1.53	1.29	0.72			
130	0.77	1.39	1.70	1.82	1.80	1.61	1.36	0.96	0.70	0.73	0.99	1.27	1.47	1.47	1.03	0.76			
135	0.82	1.35	1.64	1.75	1.73	1.48	1.32	0.91	0.75	0.77	0.94	1.19	1.41	1.32	0.98	0.80			
140	0.90	1.30	1.56	1.65	1.65	1.38	1.28	0.92	0.83	0.82	0.89	1.06	1.19	1.09	0.99	0.87			
145	0.95	1.28	1.51	1.59	1.59	1.34	1.23	0.93	0.88	0.86	0.91	0.99	1.06	1.05	1.01	0.92			
150	1.06	1.27	1.44	1.50	1.51	1.28	1.10	1.06	0.99	0.93	0.96	0.99	1.03	1.06	1.04	0.99			
155	1.11	1.27	1.40	1.45	1.47	1.26	1.08	1.10	1.04	0.98	0.98	1.02	1.05	1.07	1.06	1.04			
160	1.16	1.28	1.35	1.38	1.42	1.22	1.19	1.16	1.12	1.06	1.04	1.06	1.08	1.09	1.11	1.11			
165	1.21	1.29	1.33	1.34	1.38	1.21	1.22	1.20	1.17	1.12	1.10	1.10	1.12	1.12	1.15	1.17			
170	1.27	1.31	1.33	1.33	1.34	1.29	1.27	1.27	1.25	1.20	1.19	1.17	1.19	1.19	1.22	1.24			
175	1.31	1.33	1.34	1.34	1.30	1.32	1.31	1.32	1.29	1.26	1.24	1.23	1.23	1.24	1.26	1.29			
180	1.35	1.35	1.34	1.33	1.31	1.32	1.35	1.37	1.35	1.35	1.34	1.33	1.31	1.32	1.35	1.37			

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