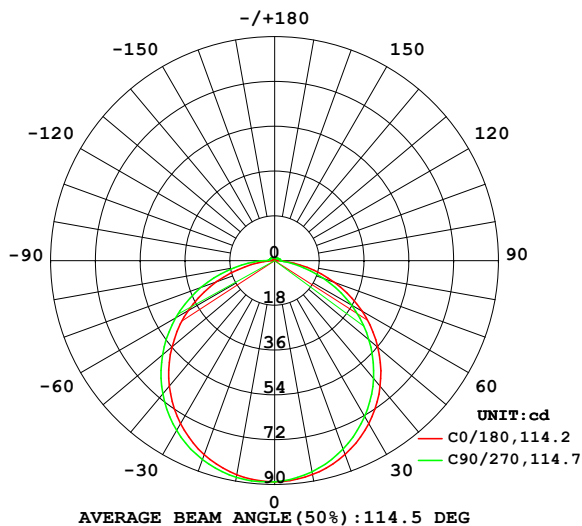


LUMINAIRE PHOTOMETRIC TEST REPORT

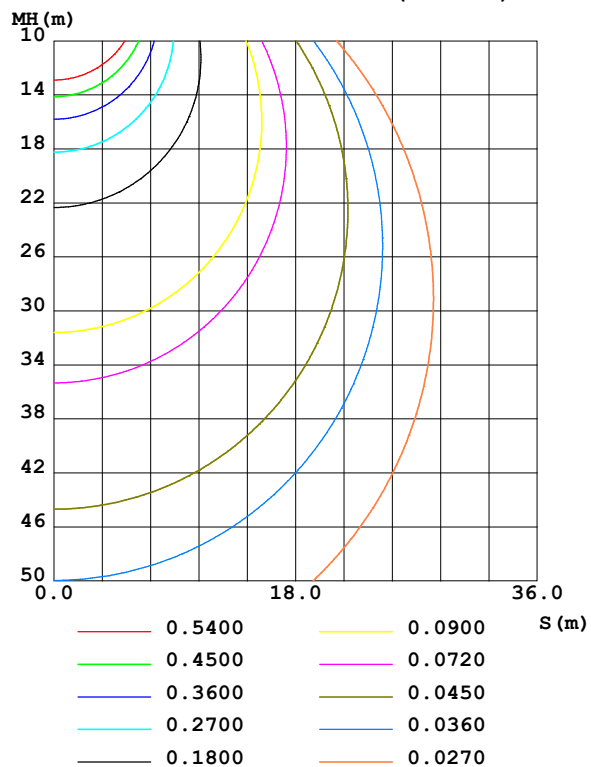
Test:U:23.998V I:0.4350A P:10.439W PF:1.0000 Freq:0Hz Lamp Flux:2.25184x120 lm		
NAME: NS-S1220-W60-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 25.89 lm/W
MODEL		I _{max} (cd)	89.09	S/MH(C0/180)		1.27
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)		1.32
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	270.22	<input type="checkbox"/> UP,DN(C0-180)		1.6,45.5
NOMINAL FLUX(lm)	2.25184	CIE CLASS	DIRECT	<input type="checkbox"/> UP,DN(C180-360)		1.6,51.3
LAMPS INSIDE	120	<input type="checkbox"/> up (%)	3.3	CIBSE SHR NOM		1.25
TEST VOLTAGE(V)	24	<input type="checkbox"/> down (%)	96.7	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:2021-07-12

☐ 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	87.33	86.31	86.19	86.80	87.39	88.39	88.47	87.91	0- 10	8.409	8.409	3.11,3.11
20	82.87	80.87	80.58	81.75	82.92	84.94	85.05	84.10	10- 20	24.13	32.54	12,12
30	75.66	72.79	72.34	73.98	75.64	78.60	78.82	77.39	20- 30	36.69	69.22	25.6,25.6
40	65.98	62.40	61.85	63.85	65.85	69.63	69.94	68.27	30- 40	44.48	113.7	42.1,42.1
50	54.17	50.06	49.51	51.74	53.86	58.38	58.85	56.88	40- 50	46.51	160.2	59.3,59.3
60	40.58	36.13	35.64	37.96	40.02	45.22	45.93	43.68	50- 60	42.52	202.7	75,75
70	25.59	21.10	20.83	22.99	24.80	30.60	31.52	29.03	60- 70	32.95	235.7	87.2,87.2
80	10.53	7.168	7.308	8.618	9.544	15.30	16.45	13.88	70- 80	19.30	255.0	94.4,94.4
90	1.191	2.132	2.341	2.065	0.7676	3.317	4.456	2.894	80- 90	6.362	261.4	96.7,96.7
100	0.2350	1.947	2.138	1.854	0.2821	1.629	2.278	1.884	90-100	2.012	263.4	97.5,97.5
110	0.4136	1.812	1.979	1.700	0.3599	1.506	2.090	1.808	100-110	1.657	265.0	98.1,98.1
120	0.5853	1.456	1.812	1.452	0.5458	1.285	1.943	1.700	110-120	1.446	266.5	98.6,98.6
130	0.7382	1.330	1.386	1.205	0.6891	1.176	1.755	1.549	120-130	1.180	267.6	99,99
140	0.8558	1.357	1.217	1.126	0.7973	1.107	1.643	1.331	130-140	0.9265	268.6	99.4,99.4
150	0.9687	1.224	1.283	0.9796	0.9149	0.9959	1.445	1.128	140-150	0.7142	269.3	99.7,99.7
160	1.072	1.172	1.172	1.080	1.039	0.9819	1.185	1.063	150-160	0.5052	269.8	99.8,99.8
170	1.178	1.217	1.167	1.161	1.159	1.096	1.081	1.118	160-170	0.3135	270.1	100,100
180	1.258	1.238	1.226	1.245	1.267	1.243	1.229	1.245	170-180	0.1130	270.2	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 141.75 lm

%lum = 52.5%

%lamp = 52.5%

Conical surface Flux(120deg): 202.74 lm

%lum = 75.0%

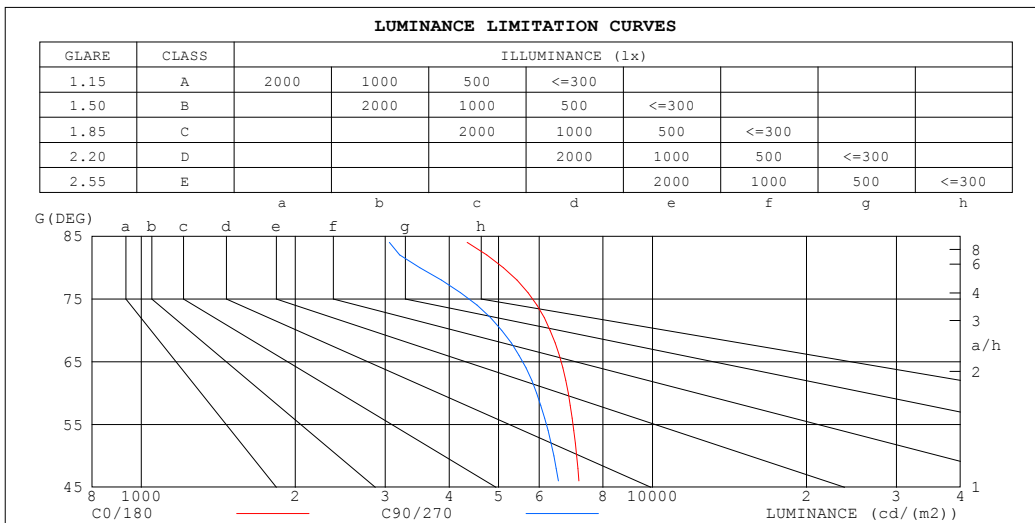
%lamp = 75.0%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

□ 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:0.4350A P:10.439W PF:1.0000 Freq:0Hz Lamp Flux:2.25184x120 lm		
NAME: NS-S1220-W60-10	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	5203	3667
80	5110	3503
75	6329	4829
70	6306	5070
65	6923	5865
60	6839	5932
55	7190	6401
50	7102	6410
45	7329	6723

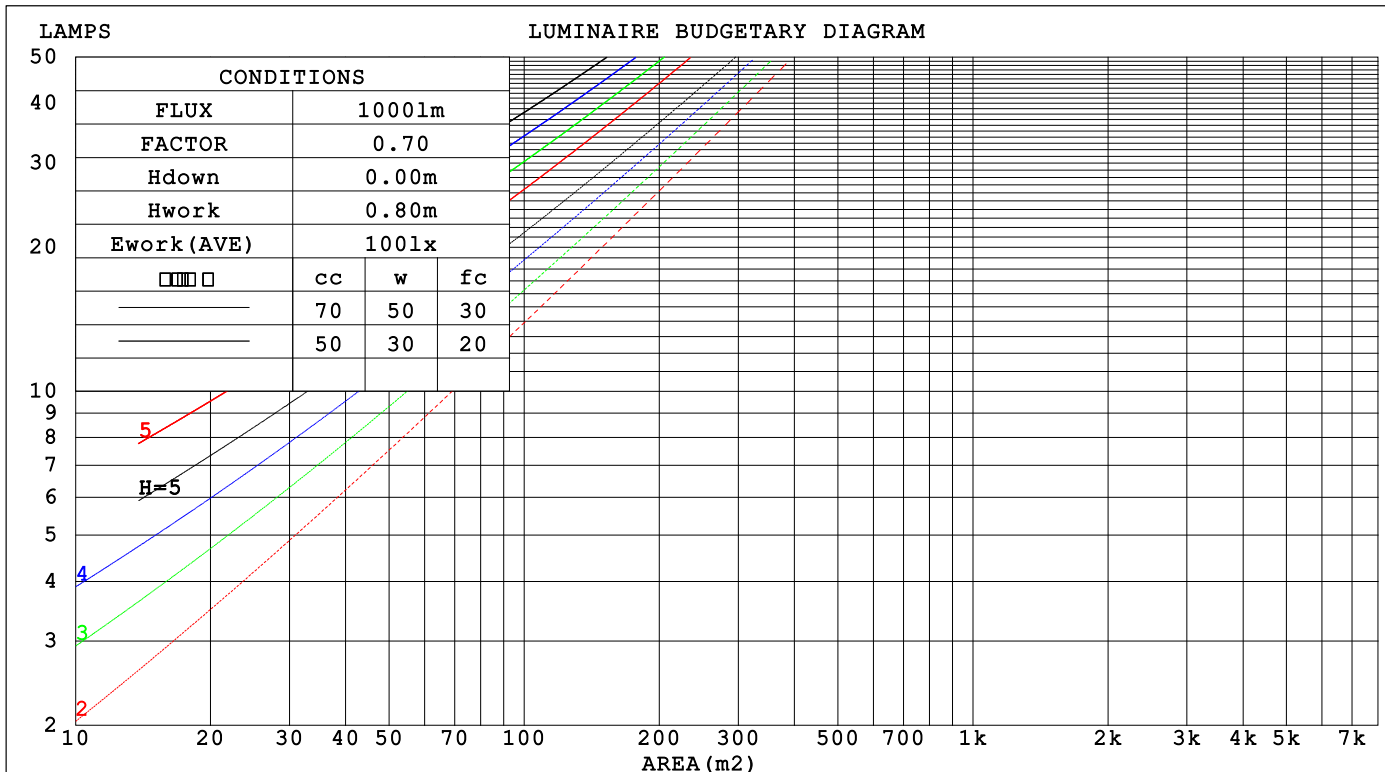
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

☐ 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:0.4350A P:10.439W PF:1.0000 Freq:0Hz Lamp Flux:2.25184x120 lm		
NAME: NS-S1220-W60-10	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	.93	.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	.66														
3.0	.78	.70	.63	.76	.69	.63	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56														
4.0	.69	.60	.53	.68	.59	.53	.65	.57	.52	.62	.56	.51	.59	.54	.50	.47														
5.0	.62	.53	.46	.60	.52	.45	.58	.50	.45	.56	.49	.44	.53	.48	.43	.41														
6.0	.55	.46	.40	.54	.46	.40	.52	.45	.39	.50	.43	.38	.48	.42	.38	.36														
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.33	.31														
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.40	.34	.30	.28														
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.37	.31	.27	.25														
10.0	.39	.31	.25	.38	.30	.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:2021-07-12

□ 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:0.4350A P:10.439W PF:1.0000 Freq:0Hz Lamp Flux:2.25184x120 lm		
NAME: NS-S1220-W60-10	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						Wall Exitance Coefficients(WEC)										
0.0																	
1.0	.317	.180	.057	.308	.176	.056	.293	.168	.054	.279	.161	.052	.267	.155	.050		
2.0	.295	.162	.050	.288	.159	.049	.275	.153	.047	.262	.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	.031	.201	.103	.030	.193	.100	.030	.186	.098	.029		
7.0	.199	.099	.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	.083	.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	.184	.184	.184	.126	.126	.126	.072	.072	.072	.023	.023	.023		
1.0	.206	.181	.159	.176	.156	.137	.121	.107	.095	.069	.062	.055	.022	.020	.018		
2.0	.198	.157	.123	.170	.135	.106	.116	.094	.074	.067	.054	.043	.022	.018	.014		
3.0	.190	.140	.099	.163	.121	.086	.112	.084	.061	.065	.049	.036	.021	.016	.012		
4.0	.183	.127	.084	.157	.109	.073	.108	.076	.051	.062	.045	.030	.020	.015	.010		
5.0	.175	.116	.073	.151	.101	.063	.104	.070	.045	.060	.041	.027	.019	.013	.009		
6.0	.168	.108	.065	.145	.094	.056	.100	.066	.040	.058	.039	.024	.019	.013	.008		
7.0	.161	.101	.059	.139	.088	.051	.096	.062	.036	.056	.036	.022	.018	.012	.007		
8.0	.155	.095	.055	.133	.083	.048	.092	.058	.034	.054	.034	.020	.017	.011	.007		
9.0	.149	.091	.051	.128	.079	.045	.089	.055	.032	.052	.033	.019	.017	.011	.006		
10.0	.143	.086	.048	.123	.075	.042	.086	.053	.030	.050	.031	.018	.016	.010	.006		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

☐ 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:0.4350A P:10.439W PF:1.0000 Freq:0Hz Lamp Flux:2.25184x120 lm										
NAME: NS-S1220-W60-10					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	23.8	25.2	24.1	25.5	25.8	23.2	24.7	23.5	24.9	25.2
3H	25.3	26.7	25.6	27.0	27.3	24.5	25.9	24.9	26.2	26.5
4H	25.9	27.2	26.3	27.5	27.9	25.0	26.3	25.3	26.6	26.9
6H	26.3	27.5	26.7	27.9	28.2	25.2	26.5	25.6	26.8	27.1
8H	26.4	27.6	26.8	28.0	28.3	25.3	26.5	25.7	26.8	27.2
12H	26.5	27.6	26.9	28.0	28.4	25.3	26.5	25.7	26.8	27.2
4H 2H	24.2	25.5	24.6	25.8	26.2	23.8	25.1	24.1	25.4	25.7
3H	25.9	27.1	26.3	27.4	27.8	25.3	26.4	25.7	26.8	27.1
4H	26.6	27.7	27.1	28.1	28.5	25.8	26.9	26.2	27.2	27.6
6H	27.1	28.1	27.6	28.5	28.9	26.2	27.1	26.6	27.5	27.9
8H	27.3	28.2	27.8	28.6	29.0	26.2	27.1	26.7	27.5	28.0
12H	27.4	28.2	27.9	28.6	29.1	26.3	27.1	26.8	27.5	28.0
8H 4H	26.8	27.6	27.2	28.0	28.5	26.0	26.9	26.5	27.3	27.8
6H	27.4	28.1	27.9	28.6	29.1	26.5	27.2	26.9	27.6	28.1
8H	27.6	28.2	28.1	28.7	29.2	26.6	27.2	27.1	27.7	28.2
12H	27.7	28.3	28.3	28.8	29.3	26.7	27.3	27.2	27.8	28.3
12H 4H	26.7	27.5	27.2	28.0	28.5	26.0	26.8	26.5	27.2	27.7
6H	27.4	28.0	27.9	28.5	29.0	26.5	27.1	27.0	27.6	28.1
8H	27.6	28.2	28.1	28.7	29.2	26.6	27.2	27.2	27.7	28.2
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.2				
1.5H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
2.0H	+ 0.3 / - 0.4					+ 0.3 / - 0.3				

CIE Pub.117, 270.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.5)
Area: 0.012 m2

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

☐ 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:0.4350A P:10.439W PF:1.0000 Freq:0Hz Lamp Flux:2.25184x120 lm		
NAME: NS-S1220-W60-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

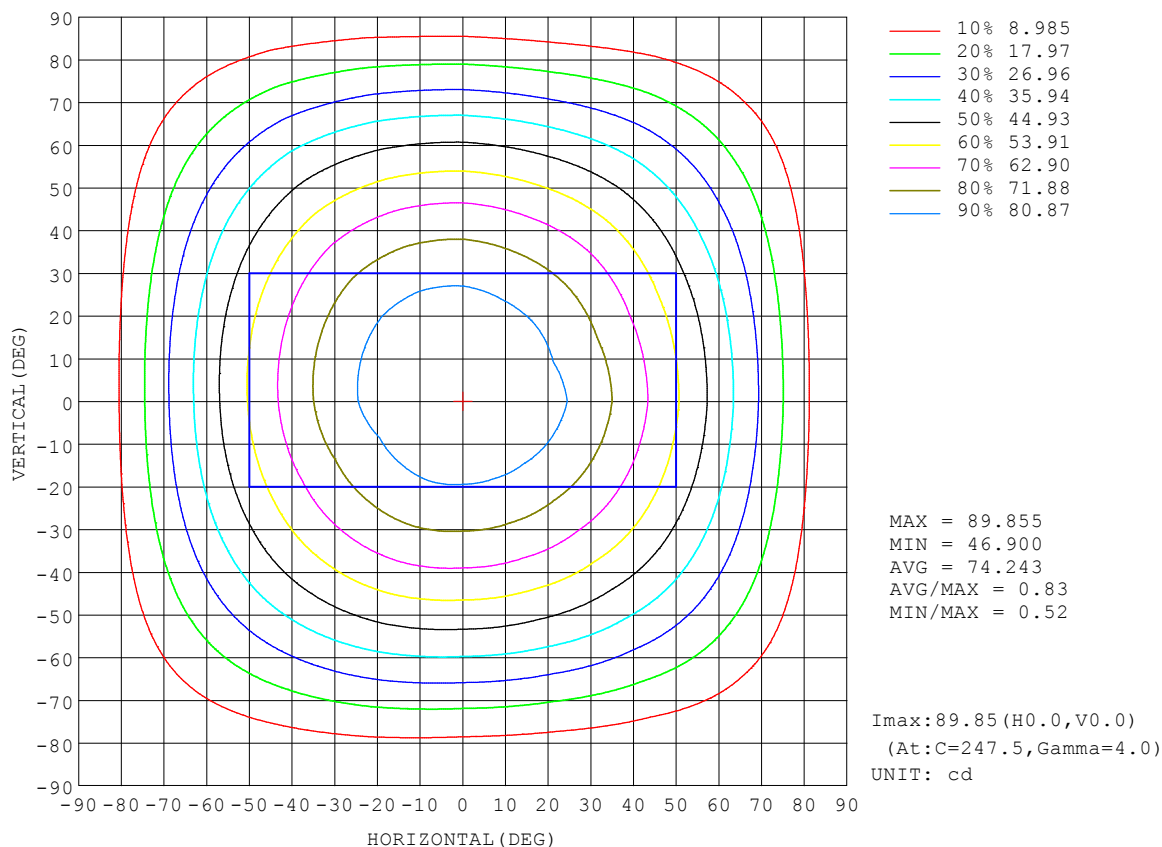
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	70	63	54	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	84	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	88	84	75
4.00	105	99	94	102	97	92	97	93	89	79
5.00	107	102	98	105	100	96	100	96	93	82
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:2021-07-12

☐ 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:0.4350A P:10.439W PF:1.0000 Freq:0Hz Lamp Flux:2.25184x120 lm		
NAME: NS-S1220-W60-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

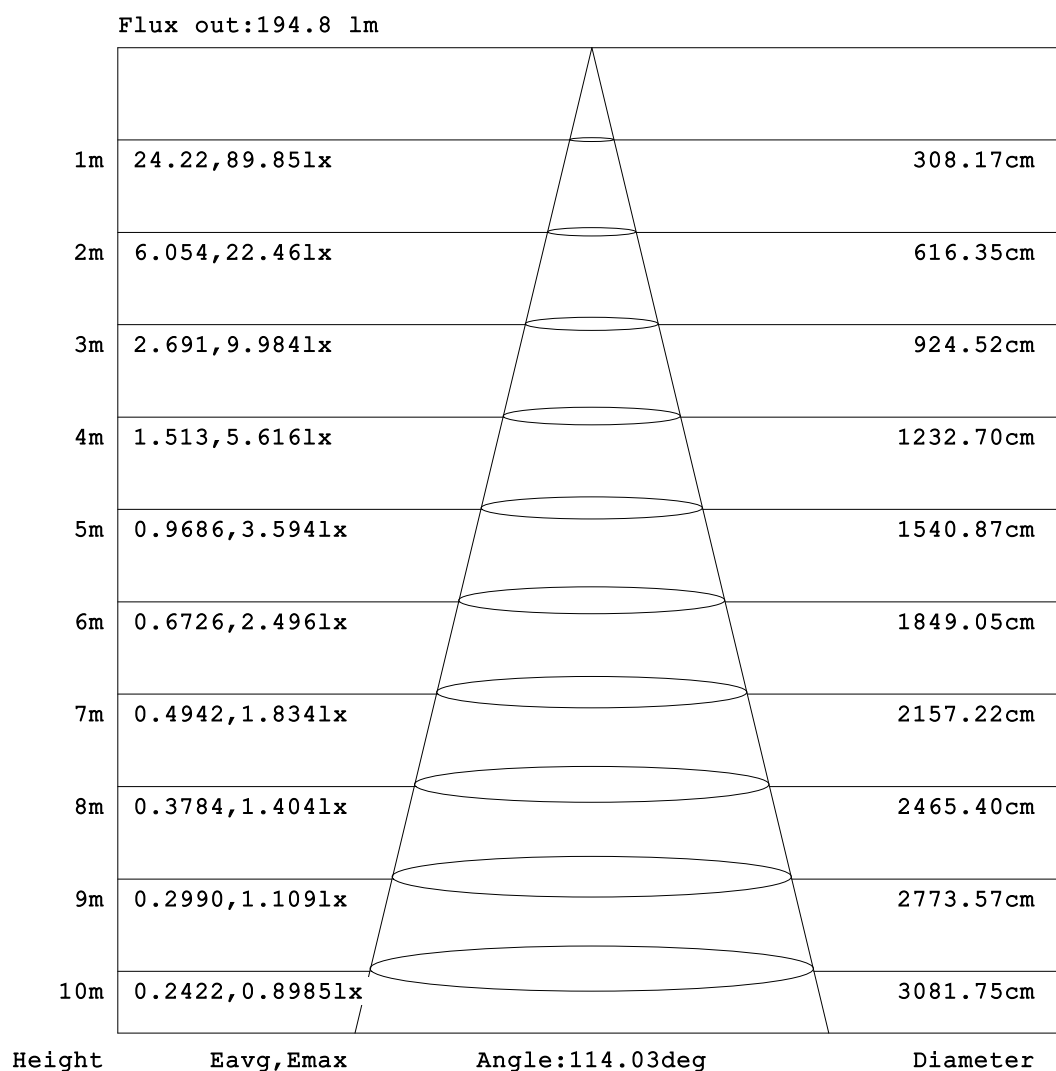


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3DEG
 Operators:YSL
 Test Date:2021-07-12

☐ 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:0.4350A P:10.439W PF:1.0000 Freq:0Hz Lamp Flux:2.25184x120 lm		
NAME: NS-S1220-W60-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



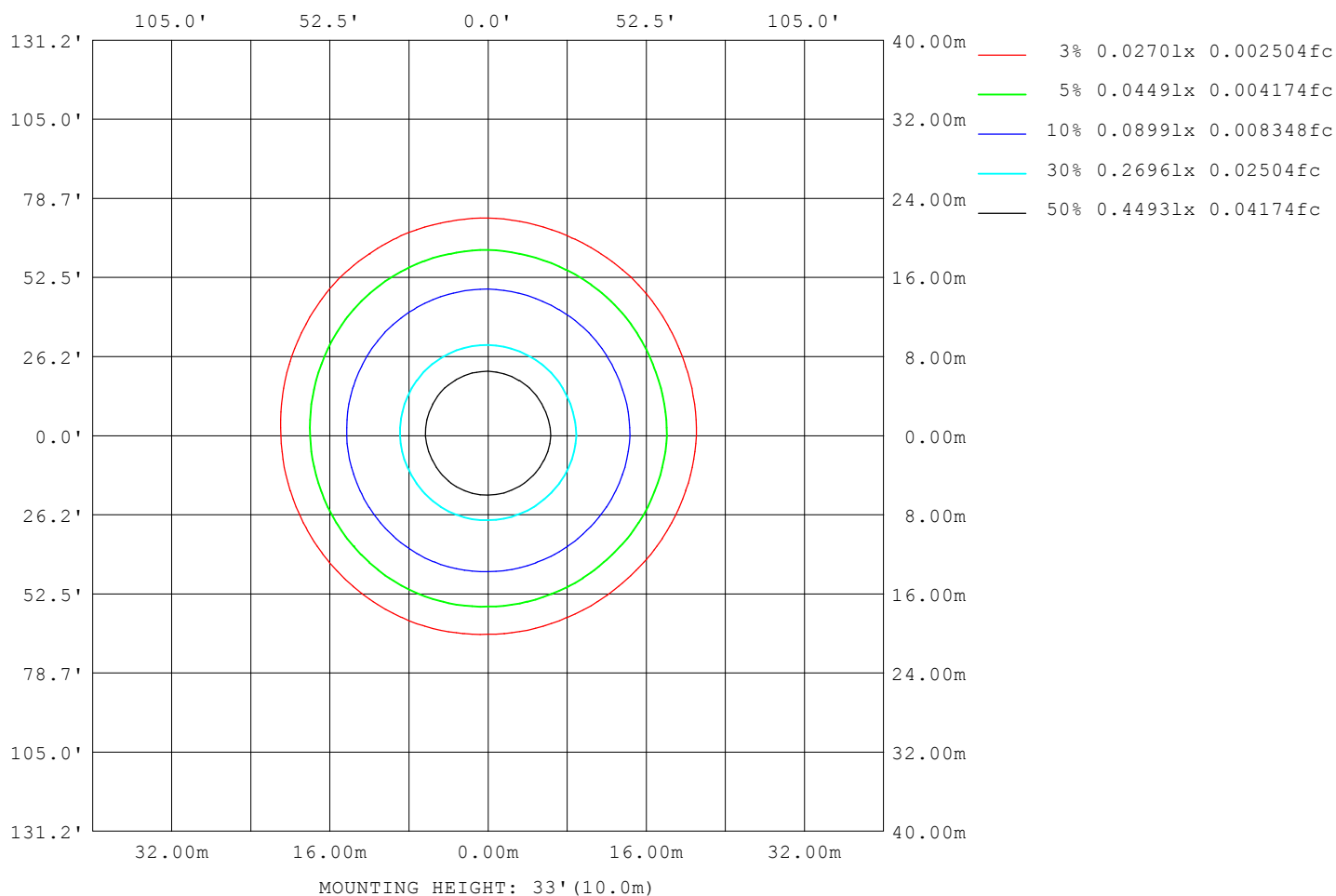
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

☐ 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:0.4350A P:10.439W PF:1.0000 Freq:0Hz Lamp Flux:2.25184x120 lm		
NAME: NS-S1220-W60-10	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:2021-07-12

☐ 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:0.4350A P:10.439W PF:1.0000 Freq:0Hz Lamp Flux:2.25184x120 lm		
NAME: NS-S1220-W60-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

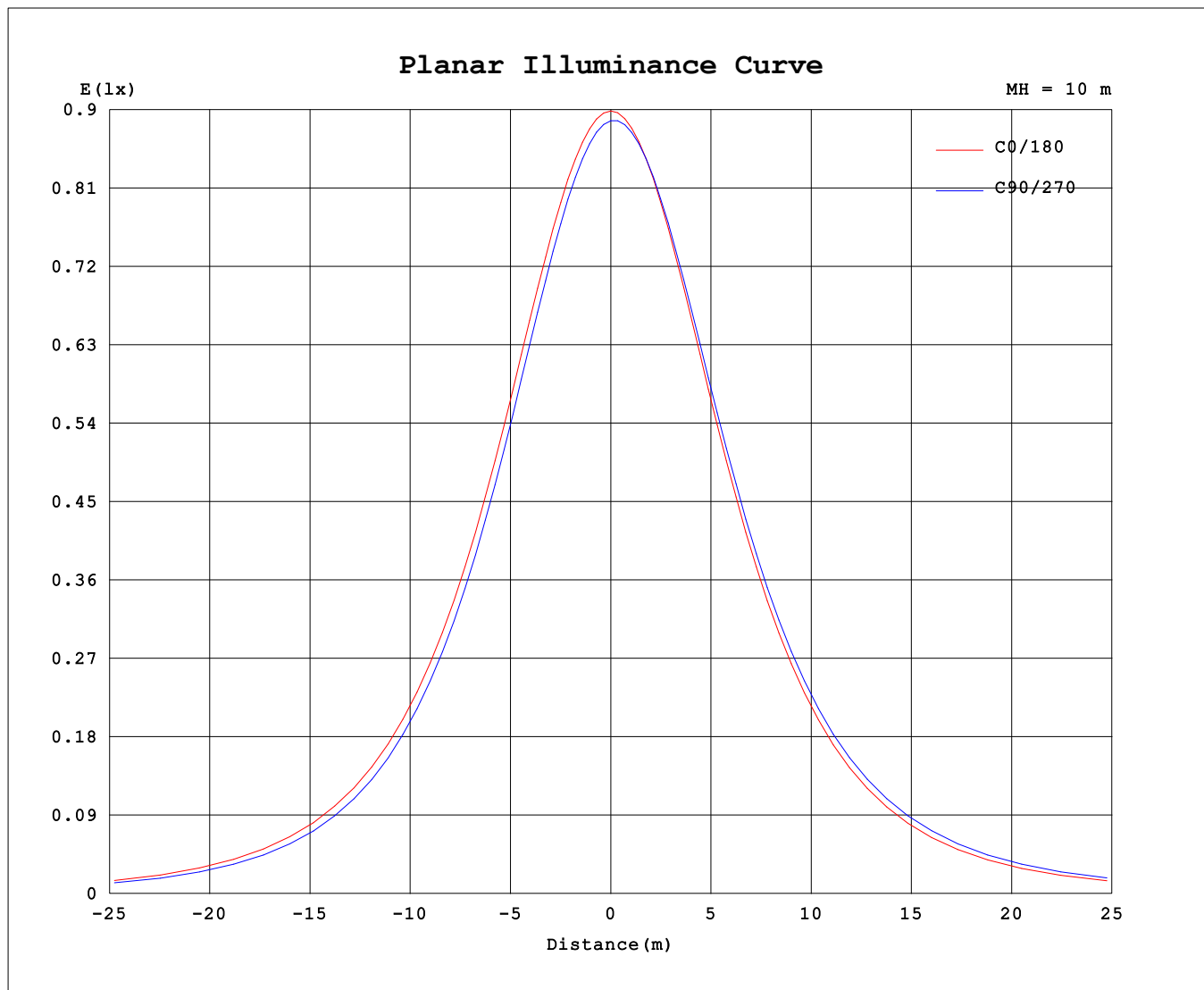
AvgL	cd/m2
L_0~180 (65) av	6484
L_0~180 (75) av	5616
L_0~180 (85) av	3703
L_90~270 (65) av	6623
L_90~270 (75) av	6049
L_90~270 (85) av	6152
L_45 (65) av	6598
L_45 (75) av	5918
L_45 (85) av	5294

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

☐ 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: 2021-07-12

☐ 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:0.4350A P:10.439W PF:1.0000 Freq:0Hz Lamp Flux:2.25184x120 lm		
NAME: NS-S1220-W60-10	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	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9			
5	88.6	88.4	88.2	88.1	88.2	88.3	88.4	88.5	88.6	88.8	89.0	89.1	89.0	88.9	88.8	88.7			
10	87.3	86.8	86.3	86.1	86.2	86.6	86.8	87.1	87.4	87.9	88.4	88.6	88.5	88.1	87.9	87.6			
15	85.9	85.2	84.5	84.2	84.3	84.8	85.1	85.6	86.0	86.7	87.4	87.6	87.4	87.0	86.7	86.3			
20	82.9	81.9	80.9	80.5	80.6	81.3	81.8	82.4	82.9	83.9	84.9	85.2	85.1	84.4	84.1	83.4			
25	80.3	79.1	77.9	77.5	77.6	78.4	79.0	79.7	80.3	81.5	82.7	83.1	82.9	82.1	81.8	81.0			
30	75.7	74.2	72.8	72.2	72.3	73.3	74.0	74.9	75.6	77.1	78.6	79.0	78.8	77.9	77.4	76.5			
35	72.1	70.5	68.9	68.3	68.4	69.5	70.2	71.2	72.0	73.7	75.3	75.8	75.6	74.6	74.0	73.0			
40	66.0	64.2	62.4	61.7	61.9	63.0	63.9	64.9	65.8	67.8	69.6	70.2	69.9	68.9	68.3	67.0			
45	61.5	59.6	57.7	56.9	57.1	58.4	59.2	60.4	61.3	63.3	65.4	66.0	65.7	64.6	64.0	62.6			
50	54.2	52.1	50.1	49.3	49.5	50.8	51.7	52.9	53.9	56.2	58.4	59.1	58.8	57.6	56.9	55.4			
55	48.9	46.8	44.6	43.9	44.1	45.5	46.4	47.6	48.5	50.9	53.3	54.1	53.9	52.6	51.8	50.2			
60	40.6	38.3	36.1	35.4	35.6	37.1	38.0	39.1	40.0	42.6	45.2	46.1	45.9	44.5	43.7	42.0			
65	34.7	32.4	30.2	29.5	29.8	31.2	32.1	33.2	34.1	36.8	39.5	40.5	40.3	38.9	38.0	36.1			
70	25.6	23.2	21.1	20.5	20.8	22.2	23.0	24.0	24.8	27.6	30.6	31.7	31.5	30.0	29.0	27.1			
75	19.4	17.1	15.1	14.6	15.0	16.3	17.0	17.9	18.5	21.4	24.5	25.6	25.5	23.9	22.9	20.9			
80	10.5	8.48	7.17	6.95	7.31	8.26	8.62	9.13	9.54	12.3	15.3	16.5	16.5	15.0	13.9	11.8			
85	5.38	4.03	3.53	3.62	3.84	4.36	4.37	4.40	4.50	6.84	9.63	10.9	10.9	9.48	8.42	6.53			
90	1.19	1.72	2.13	2.34	2.34	2.33	2.07	1.49	0.77	1.64	3.32	4.38	4.46	3.66	2.89	1.82			
95	0.32	1.64	2.05	2.25	2.25	2.22	1.96	1.40	0.40	1.15	1.93	2.62	2.77	2.46	2.03	1.52			
100	0.23	1.58	1.95	2.15	2.14	2.11	1.85	1.34	0.28	1.04	1.63	2.13	2.28	2.16	1.88	1.44			
105	0.30	1.49	1.90	2.08	2.06	2.03	1.75	1.31	0.27	0.92	1.52	2.06	2.20	2.11	1.85	1.38			
110	0.41	1.33	1.81	1.99	1.98	1.95	1.70	1.25	0.36	0.85	1.51	1.92	2.09	2.03	1.81	1.25			
115	0.49	1.32	1.71	1.93	1.91	1.88	1.65	1.17	0.43	0.85	1.47	1.85	2.03	1.97	1.77	1.15			
120	0.59	1.29	1.46	1.81	1.81	1.78	1.45	1.13	0.55	0.83	1.29	1.75	1.94	1.90	1.70	1.02			
125	0.65	1.22	1.35	1.56	1.69	1.69	1.32	1.12	0.62	0.75	1.22	1.70	1.88	1.86	1.65	0.94			
130	0.74	1.14	1.33	1.37	1.39	1.44	1.20	1.11	0.69	0.79	1.18	1.57	1.75	1.80	1.55	0.87			
135	0.79	1.12	1.39	1.29	1.27	1.27	1.17	1.06	0.73	0.80	1.15	1.43	1.70	1.75	1.47	0.89			
140	0.86	1.10	1.36	1.30	1.22	1.16	1.13	0.87	0.80	0.79	1.11	1.32	1.64	1.64	1.33	0.89			
145	0.90	1.09	1.29	1.38	1.24	1.13	1.12	0.89	0.84	0.81	1.07	1.27	1.56	1.55	1.22	0.90			
150	0.97	1.10	1.22	1.30	1.28	1.15	0.98	0.96	0.91	0.86	1.00	1.19	1.44	1.33	1.13	0.94			
155	1.01	1.11	1.19	1.24	1.23	1.09	1.00	1.01	0.96	0.91	0.95	1.11	1.36	1.23	1.08	0.98			
160	1.07	1.15	1.17	1.18	1.17	1.07	1.08	1.07	1.04	0.99	0.98	1.00	1.19	1.10	1.06	1.02			
165	1.12	1.17	1.18	1.17	1.18	1.10	1.11	1.11	1.09	1.03	1.02	1.00	1.11	1.08	1.08	1.07			
170	1.18	1.22	1.22	1.20	1.17	1.15	1.16	1.17	1.16	1.12	1.10	1.07	1.08	1.10	1.12	1.14			
175	1.22	1.25	1.25	1.23	1.20	1.20	1.20	1.22	1.20	1.17	1.15	1.13	1.14	1.14	1.17	1.19			
180	1.26	1.25	1.24	1.23	1.23	1.22	1.25	1.27	1.27	1.25	1.24	1.23	1.23	1.22	1.25	1.26			

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