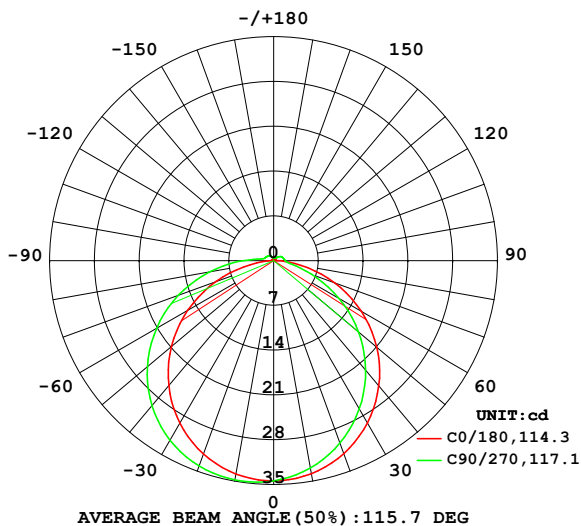


LUMINAIRE PHOTOMETRIC TEST REPORT

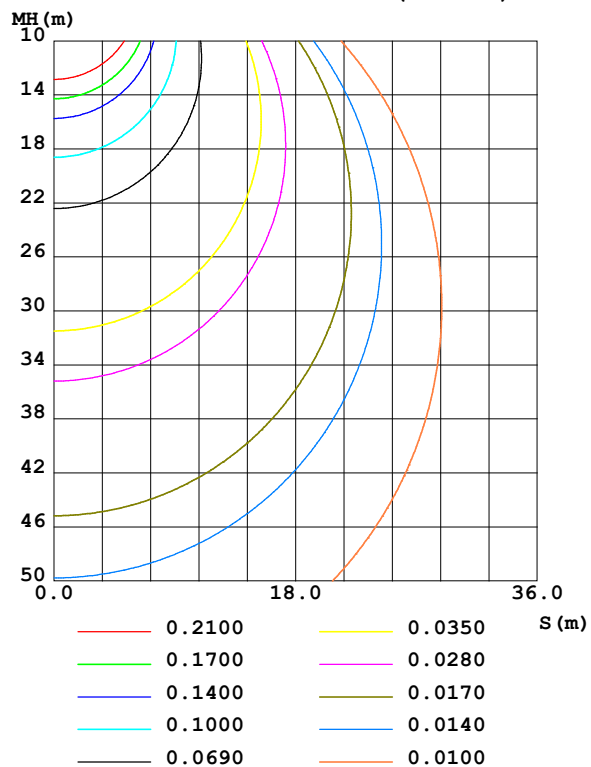
Test:U:23.998V I:0.4199A P:10.077W PF:1.0000 Freq:0Hz Lamp Flux:1.149x96 lm		
NAME: NS-S1220-RGB-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 10.95 lm/W			
MODEL		I _{max} (cd)	34.79	S/MH(C0/180)	1.27
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	1.40
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	110.30	□ UP,DN(C0-180)	2.4,41.2
NOMINAL FLUX(lm)	1.149	CIE CLASS	DIRECT	□ UP,DN(C180-360)	2.7,53.7
LAMPS INSIDE	96	□ up (%)	5.1	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)	24	□ down (%)	94.9	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:2021-07-12

□ 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	33.82	33.09	32.93	33.39	33.87	34.60	34.78	34.34	0- 10	3.258	3.258	2.95,2.95
20	32.10	30.68	30.33	31.24	32.14	33.68	34.14	33.24	10- 20	9.361	12.62	11.4,11.4
30	29.31	27.28	26.76	28.04	29.31	31.69	32.42	31.08	20- 30	14.27	26.89	24.4,24.4
40	25.57	23.02	22.39	23.96	25.50	28.63	29.57	27.88	30- 40	17.37	44.26	40.1,40.1
50	21.04	18.06	17.35	19.14	20.84	24.63	25.76	23.82	40- 50	18.26	62.51	56.7,56.7
60	15.83	12.55	11.81	13.71	15.47	19.83	21.13	18.97	50- 60	16.82	79.33	71.9,71.9
70	10.12	6.835	6.282	7.942	9.585	14.38	15.86	13.52	60- 70	13.25	92.58	83.9,83.9
80	4.415	2.489	2.605	2.952	3.745	8.555	10.16	7.743	70- 80	8.294	100.9	91.5,91.5
90	0.7259	1.600	1.820	1.446	0.3203	3.276	4.746	2.732	80- 90	3.803	104.7	94.9,94.9
100	0.0920	1.438	1.665	1.298	0.1085	1.145	1.828	1.290	90-100	1.646	106.3	96.4,96.4
110	0.1604	1.281	1.503	1.140	0.1393	0.9674	1.421	1.190	100-110	1.142	107.5	97.4,97.4
120	0.2264	0.8422	1.327	0.8282	0.2053	0.8270	1.293	1.080	110-120	0.9365	108.4	98.3,98.3
130	0.2854	0.7460	0.9458	0.5751	0.2643	0.6987	1.126	0.9301	120-130	0.6870	109.1	98.9,98.9
140	0.3326	0.6301	0.5880	0.5105	0.3138	0.6059	0.9619	0.7271	130-140	0.4844	109.6	99.3,99.3
150	0.3774	0.5277	0.6193	0.4485	0.3610	0.4800	0.7617	0.4770	140-150	0.3421	109.9	99.6,99.6
160	0.4199	0.4920	0.5121	0.4508	0.4082	0.3970	0.5332	0.4460	150-160	0.2173	110.1	99.8,99.8
170	0.4600	0.4991	0.4715	0.4746	0.4601	0.4350	0.4144	0.4365	160-170	0.1275	110.3	100,100
180	0.4978	0.4896	0.4786	0.4961	0.5025	0.4873	0.4786	0.4938	170-180	0.0447	110.3	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 55.256 lm

%lum = 50.1%

%lamp = 50.1%

Conical surface Flux(120deg): 79.331 lm

%lum = 71.9%

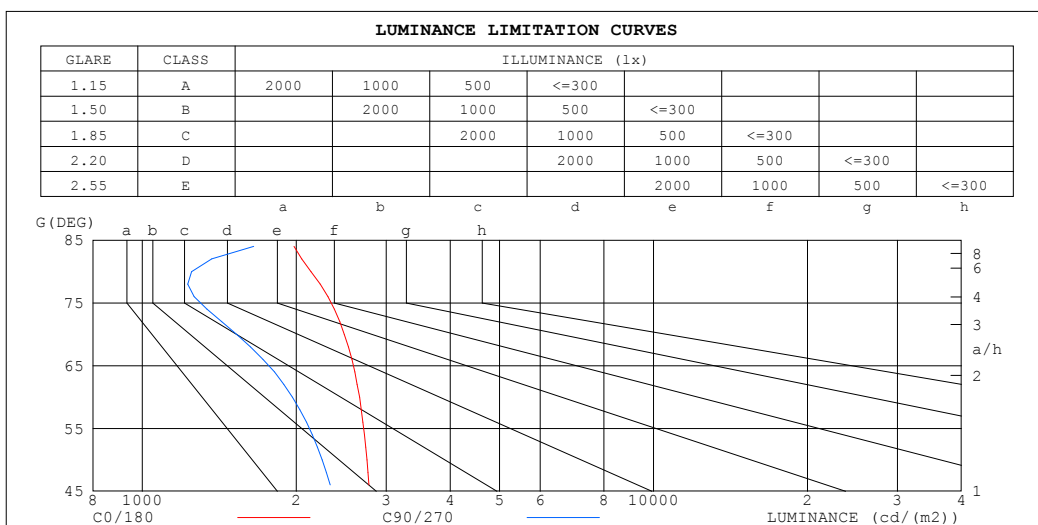
%lamp = 71.9%

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:0.4199A P:10.077W PF:1.0000 Freq:0Hz Lamp Flux:1.149x96 lm		
NAME: NS-S1220-RGB-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	2375	1979
80	2136	1249
75	2531	1424
70	2485	1529
65	2701	1880
60	2659	1966
55	2786	2202
50	2749	2247
45	2833	2406

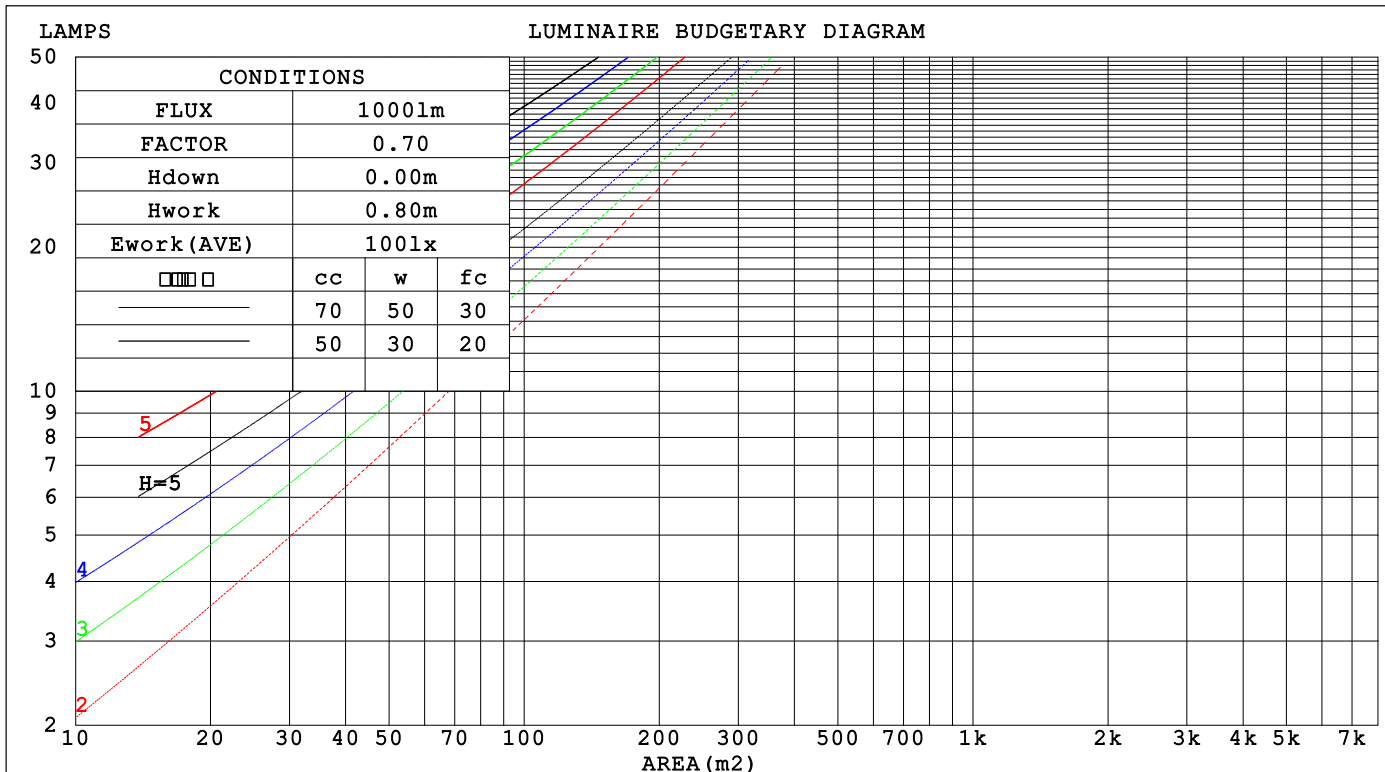
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:YSL
Test Date:2021-07-12

☐ 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:0.4199A P:10.077W PF:1.0000 Freq:0Hz		
Lamp Flux:1.149x96 lm		
NAME: NS-S1220-RGB-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	1.14	1.14	1.14	1.08	1.08	1.08	1.03	1.03	1.03	.97	.97	.97	.95														
1.0	1.02	.97	.93	.99	.95	.91	.94	.90	.87	.89	.86	.83	.84	.82	.80	.78														
2.0	.88	.81	.75	.86	.79	.74	.81	.76	.71	.77	.73	.69	.73	.70	.66	.64														
3.0	.77	.69	.62	.75	.67	.61	.71	.65	.59	.68	.62	.58	.65	.60	.56	.53														
4.0	.68	.59	.52	.66	.58	.52	.63	.56	.50	.60	.54	.49	.57	.52	.48	.45														
5.0	.61	.51	.45	.59	.51	.44	.57	.49	.43	.54	.47	.42	.52	.46	.41	.39														
6.0	.55	.45	.39	.53	.45	.39	.51	.43	.38	.49	.42	.37	.47	.41	.36	.34														
7.0	.49	.40	.34	.48	.40	.34	.46	.39	.33	.44	.38	.33	.43	.37	.32	.30														
8.0	.45	.36	.30	.44	.36	.30	.42	.35	.30	.41	.34	.29	.39	.33	.29	.27														
9.0	.41	.33	.27	.40	.33	.27	.39	.32	.27	.37	.31	.26	.36	.30	.26	.24														
10.0	.38	.30	.25	.37	.30	.25	.36	.29	.24	.35	.28	.24	.33	.28	.23	.22														



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:0.4199A P:10.077W PF:1.0000 Freq:0Hz Lamp Flux:1.149x96 lm		
NAME: NS-S1220-RGB-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	.330 .188 .059	.321 .183 .058	.305 .175 .056	.290 .167 .054	.276 .160 .052	
2.0	.303 .166 .051	.295 .163 .050	.281 .156 .048	.267 .150 .047	.255 .144 .045	
3.0	.277 .147 .044	.270 .145 .044	.257 .139 .042	.245 .134 .041	.234 .130 .040	
4.0	.254 .132 .039	.248 .130 .038	.236 .125 .037	.225 .121 .037	.215 .117 .036	
5.0	.234 .119 .034	.228 .117 .034	.218 .113 .033	.208 .110 .033	.199 .106 .032	
6.0	.216 .108 .031	.211 .107 .031	.202 .103 .030	.193 .100 .029	.185 .097 .029	
7.0	.200 .099 .028	.196 .098 .028	.188 .095 .027	.180 .092 .027	.172 .089 .026	
8.0	.187 .091 .026	.183 .090 .025	.175 .088 .025	.168 .085 .025	.161 .083 .024	
9.0	.175 .085 .024	.171 .083 .023	.164 .081 .023	.158 .079 .023	.152 .077 .022	
10.0	.164 .079 .022	.161 .078 .022	.155 .076 .021	.149 .074 .021	.143 .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	.229 .229 .229	.196 .196 .196	.134 .134 .134	.077 .077 .077	.025 .025 .025	
1.0	.221 .195 .172	.189 .167 .148	.129 .115 .102	.074 .067 .060	.024 .021 .019	
2.0	.213 .171 .136	.183 .147 .118	.125 .102 .082	.072 .059 .048	.023 .019 .016	
3.0	.205 .154 .113	.176 .133 .098	.121 .092 .069	.070 .054 .040	.022 .018 .013	
4.0	.198 .141 .097	.170 .122 .085	.117 .085 .060	.068 .050 .035	.022 .016 .012	
5.0	.190 .131 .087	.163 .113 .075	.113 .079 .053	.065 .046 .032	.021 .015 .010	
6.0	.183 .122 .079	.157 .106 .069	.109 .074 .049	.063 .044 .029	.020 .014 .010	
7.0	.176 .116 .073	.152 .100 .064	.105 .070 .045	.061 .041 .027	.020 .014 .009	
8.0	.170 .110 .069	.146 .095 .060	.101 .067 .043	.059 .039 .025	.019 .013 .008	
9.0	.164 .105 .065	.141 .091 .057	.098 .064 .041	.057 .038 .024	.018 .012 .008	
10.0	.158 .101 .063	.136 .087 .055	.094 .062 .039	.055 .036 .023	.018 .012 .008	

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:0.4199A P:10.077W PF:1.0000 Freq:0Hz										
Lamp Flux:1.149x96 lm										
NAME: NS-S1220-RGB-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	23.1	24.6	23.4	24.9	25.2	22.0	23.4	22.3	23.7	24.0
3H	24.7	26.0	25.0	26.4	26.7	23.0	24.4	23.4	24.7	25.1
4H	25.3	26.6	25.7	26.9	27.3	23.4	24.7	23.8	25.0	25.4
6H	25.8	27.0	26.2	27.3	27.7	23.6	24.9	24.0	25.2	25.6
8H	25.9	27.1	26.3	27.5	27.9	23.8	24.9	24.2	25.3	25.7
12H	26.0	27.1	26.4	27.5	28.0	23.9	25.1	24.4	25.5	25.9
4H 2H	23.4	24.7	23.8	25.1	25.4	22.5	23.8	22.9	24.2	24.5
3H	25.1	26.3	25.6	26.7	27.1	23.7	24.9	24.2	25.3	25.7
4H	25.9	26.9	26.3	27.3	27.8	24.2	25.2	24.6	25.6	26.1
6H	26.4	27.3	26.9	27.8	28.3	24.5	25.4	25.0	25.9	26.4
8H	26.6	27.5	27.1	27.9	28.4	24.7	25.6	25.2	26.0	26.5
12H	26.8	27.6	27.3	28.0	28.6	25.0	25.8	25.5	26.2	26.8
8H 4H	25.9	26.8	26.4	27.2	27.7	24.3	25.2	24.8	25.7	26.2
6H	26.6	27.3	27.1	27.8	28.3	24.8	25.5	25.3	26.0	26.6
8H	26.8	27.5	27.4	28.0	28.5	25.1	25.8	25.7	26.3	26.8
12H	27.1	27.6	27.6	28.1	28.7	25.5	26.1	26.1	26.6	27.2
12H 4H	25.9	26.7	26.4	27.2	27.7	24.3	25.1	24.9	25.6	26.1
6H	26.6	27.2	27.1	27.7	28.3	24.9	25.5	25.4	26.0	26.6
8H	26.9	27.4	27.4	27.9	28.5	25.2	25.8	25.8	26.3	26.9
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.1 / - 0.2					+ 0.2 / - 0.3				
1.5H	+ 0.2 / - 0.2					+ 0.2 / - 0.4				
2.0H	+ 0.4 / - 0.5					+ 0.3 / - 0.3				

CIE Pub.117, 110.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.7)
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:0.4199A P:10.077W PF:1.0000 Freq:0Hz Lamp Flux:1.149x96 lm		
NAME: NS-S1220-RGB-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

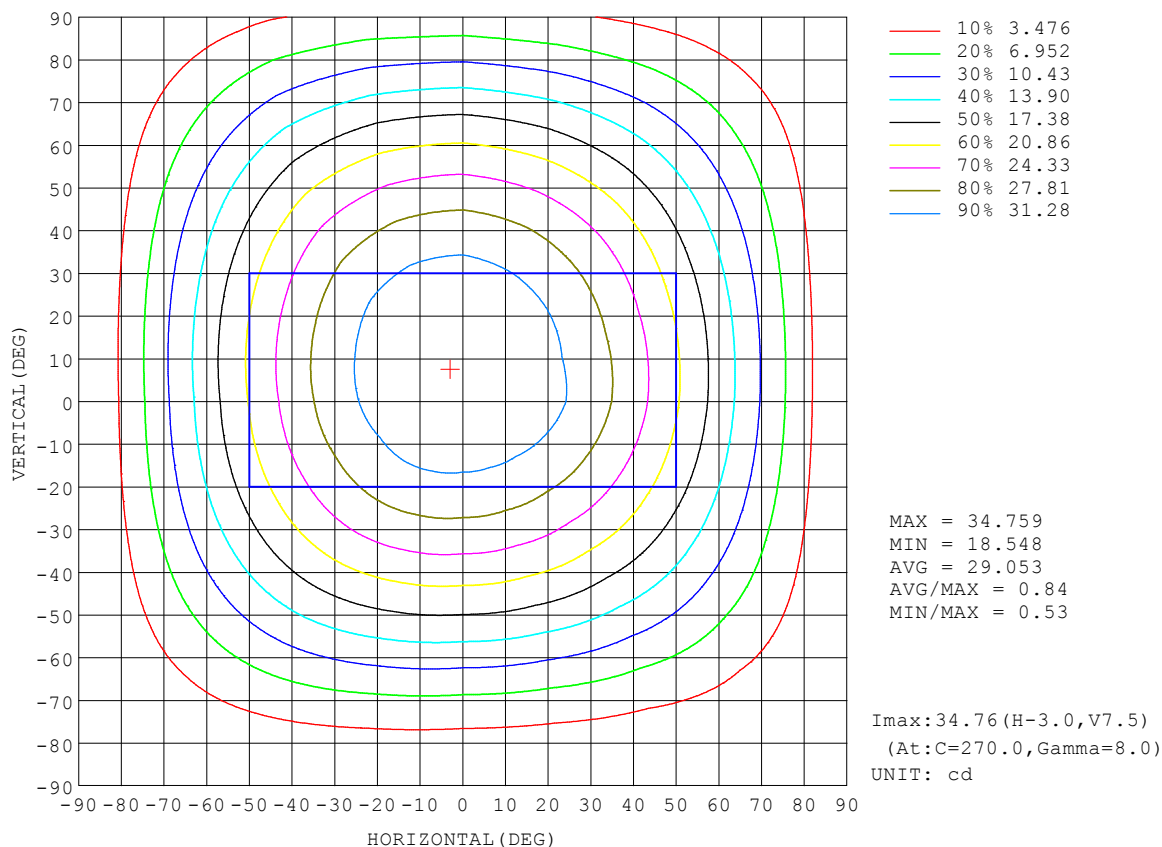
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	55	43	36	54	43	36	52	42	35	29
0.80	65	53	45	63	52	45	61	51	44	37
1.00	73	61	54	71	61	53	69	62	53	45
1.25	80	69	61	78	68	61	75	66	60	52
1.50	85	74	67	83	73	66	79	71	65	57
2.00	92	83	76	90	81	75	86	78	73	64
2.50	96	88	81	94	86	80	89	83	78	68
3.00	99	92	86	97	90	85	92	86	82	72
4.00	104	97	92	101	95	90	96	91	87	77
5.00	106	101	96	103	98	94	98	94	91	80
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:0.4199A P:10.077W PF:1.0000 Freq:0Hz Lamp Flux:1.149x96 lm		
NAME: NS-S1220-RGB-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

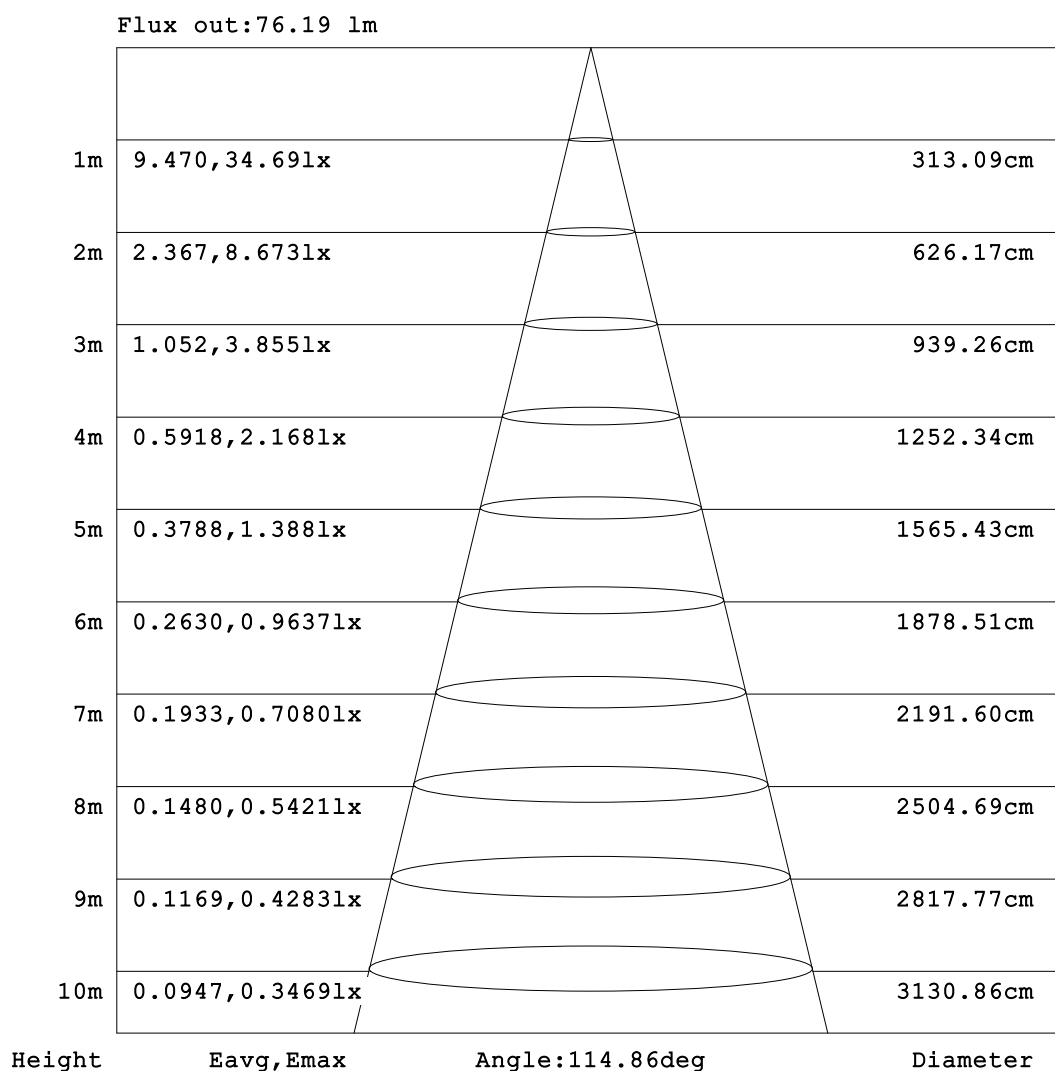


C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature: 25.3DEG
Operators: YSL
Test Date: 2021-07-12

☐ 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:0.4199A P:10.077W PF:1.0000 Freq:0Hz Lamp Flux:1.149x96 lm		
NAME: NS-S1220-RGB-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:



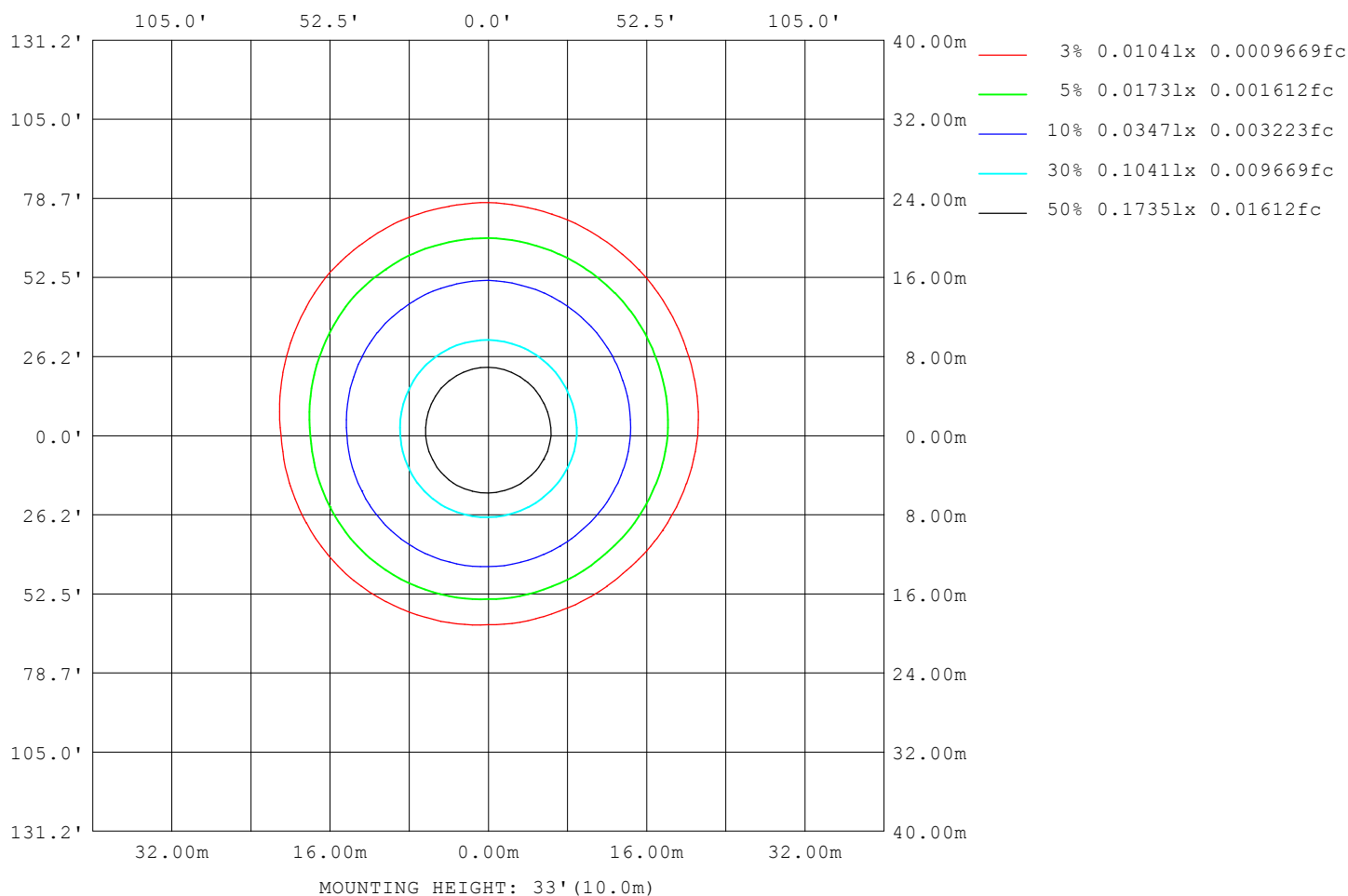
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.4199A P:10.077W PF:1.0000 Freq:0Hz Lamp Flux:1.149x96 lm		
NAME: NS-S1220-RGB-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:0.4199A P:10.077W PF:1.0000 Freq:0Hz Lamp Flux:1.149x96 lm		
NAME: NS-S1220-RGB-10	TYPE:	WEIGHT:
SPEC.:	DIM.: 1*0.012*0.02MM	SERIAL No.:
MFR.:	SUR.: 0.012*1	Shielding Angle:

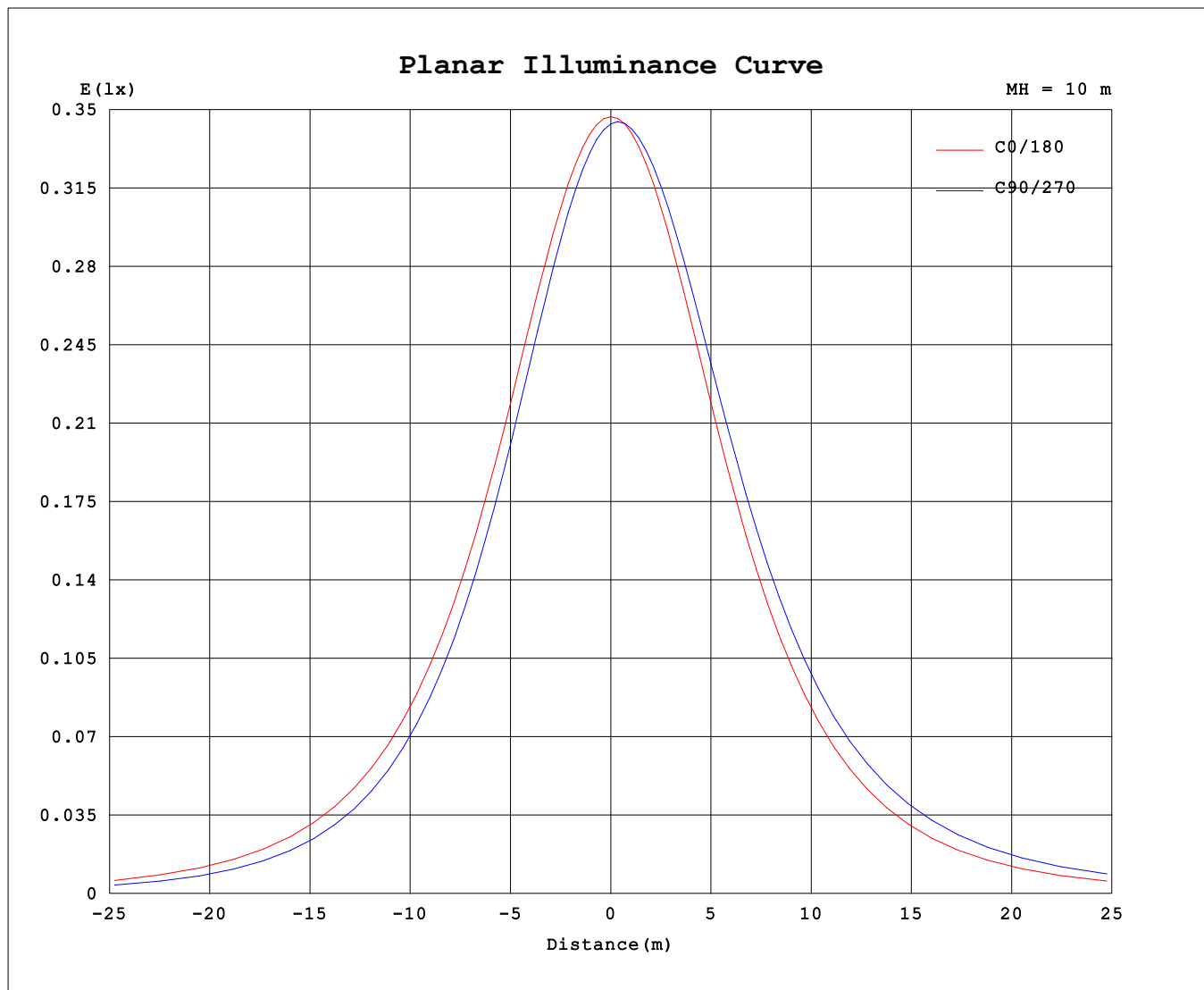
AvgL	cd/m2
L_0~180 (65) av	2523
L_0~180 (75) av	2222
L_0~180 (85) av	1636
L_90~270 (65) av	2716
L_90~270 (75) av	2749
L_90~270 (85) av	4455
L_45 (65) av	2661
L_45 (75) av	2546
L_45 (85) av	3394

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:0.4199A P:10.077W PF:1.0000 Freq:0Hz Lamp Flux:1.149x96 lm		
NAME: NS-S1220-RGB-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	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4			
5	34.3	34.2	34.0	34.0	34.0	34.0	34.1	34.2	34.3	34.5	34.6	34.7	34.7	34.6	34.5	34.4			
10	33.8	33.4	33.1	32.9	32.9	33.1	33.4	33.6	33.9	34.2	34.6	34.8	34.8	34.6	34.3	34.1			
15	33.3	32.7	32.3	32.0	32.0	32.3	32.7	33.0	33.3	33.8	34.4	34.6	34.7	34.4	34.0	33.6			
20	32.1	31.4	30.7	30.4	30.3	30.7	31.2	31.7	32.1	32.9	33.7	34.1	34.1	33.8	33.2	32.6			
25	31.1	30.2	29.4	29.0	29.0	29.5	30.1	30.6	31.1	32.0	33.0	33.5	33.6	33.2	32.5	31.7			
30	29.3	28.2	27.3	26.8	26.8	27.3	28.0	28.7	29.3	30.4	31.7	32.3	32.4	31.9	31.1	30.1			
35	27.9	26.7	25.7	25.2	25.1	25.7	26.5	27.2	27.9	29.2	30.6	31.3	31.4	30.8	29.9	28.9			
40	25.6	24.2	23.0	22.4	22.4	23.0	24.0	24.8	25.5	27.0	28.6	29.4	29.6	28.9	27.9	26.7			
45	23.8	22.4	21.1	20.5	20.4	21.1	22.1	22.9	23.7	25.4	27.1	28.0	28.1	27.5	26.4	25.0			
50	21.0	19.5	18.1	17.4	17.4	18.1	19.1	20.0	20.8	22.7	24.6	25.6	25.8	25.0	23.8	22.4			
55	19.0	17.4	15.9	15.2	15.2	16.0	17.0	17.9	18.8	20.8	22.8	23.8	24.0	23.2	22.0	20.4			
60	15.8	14.1	12.6	11.8	11.8	12.6	13.7	14.6	15.5	17.6	19.8	20.9	21.1	20.3	19.0	17.4			
65	13.6	11.8	10.3	9.56	9.55	10.3	11.4	12.3	13.2	15.4	17.7	18.9	19.1	18.2	16.9	15.2			
70	10.1	8.26	6.83	6.26	6.28	6.96	7.94	8.77	9.59	12.0	14.4	15.6	15.9	15.0	13.5	11.8			
75	7.80	5.98	4.76	4.38	4.43	4.93	5.72	6.42	7.18	9.59	12.1	13.3	13.6	12.7	11.2	9.43			
80	4.42	2.98	2.49	2.53	2.61	2.75	2.95	3.20	3.75	6.07	8.55	9.87	10.2	9.23	7.74	5.95			
85	2.46	1.68	1.84	2.03	2.07	2.06	1.88	1.62	1.80	3.88	6.26	7.57	7.87	6.97	5.51	3.80			
90	0.73	1.20	1.60	1.80	1.82	1.75	1.45	0.90	0.32	1.40	3.28	4.46	4.75	3.96	2.73	1.48			
95	0.16	1.13	1.54	1.74	1.76	1.70	1.39	0.85	0.16	0.74	1.93	2.90	3.14	2.54	1.68	1.06			
100	0.09	1.06	1.44	1.63	1.66	1.60	1.30	0.79	0.11	0.63	1.15	1.66	1.83	1.58	1.29	0.99			
105	0.12	0.98	1.37	1.57	1.60	1.53	1.19	0.76	0.11	0.58	1.01	1.43	1.54	1.44	1.24	0.94			
110	0.16	0.74	1.28	1.48	1.50	1.44	1.14	0.69	0.14	0.51	0.97	1.29	1.42	1.37	1.19	0.82			
115	0.19	0.77	1.17	1.41	1.44	1.37	1.09	0.63	0.17	0.50	0.95	1.23	1.37	1.32	1.15	0.70			
120	0.23	0.66	0.84	1.26	1.33	1.25	0.83	0.47	0.21	0.48	0.83	1.15	1.29	1.24	1.08	0.57			
125	0.25	0.59	0.67	1.08	1.18	1.06	0.71	0.45	0.23	0.44	0.76	1.09	1.23	1.19	1.01	0.50			
130	0.29	0.52	0.75	0.68	0.95	0.83	0.58	0.43	0.26	0.41	0.70	1.00	1.13	1.10	0.93	0.41			
135	0.31	0.49	0.76	0.61	0.73	0.67	0.54	0.43	0.28	0.40	0.67	0.88	1.02	1.05	0.86	0.40			
140	0.33	0.47	0.63	0.75	0.59	0.60	0.51	0.37	0.31	0.34	0.61	0.77	0.96	0.96	0.73	0.39			
145	0.35	0.46	0.57	0.69	0.67	0.55	0.49	0.36	0.33	0.34	0.55	0.72	0.90	0.88	0.57	0.38			
150	0.38	0.46	0.53	0.57	0.62	0.50	0.45	0.38	0.36	0.35	0.48	0.61	0.76	0.70	0.48	0.38			
155	0.39	0.46	0.51	0.53	0.55	0.47	0.42	0.41	0.38	0.36	0.43	0.53	0.66	0.56	0.46	0.39			
160	0.42	0.47	0.49	0.50	0.51	0.46	0.45	0.43	0.41	0.39	0.40	0.40	0.53	0.47	0.45	0.40			
165	0.44	0.48	0.49	0.49	0.50	0.46	0.46	0.45	0.43	0.41	0.41	0.38	0.49	0.46	0.44	0.41			
170	0.46	0.50	0.50	0.50	0.47	0.47	0.47	0.47	0.46	0.44	0.44	0.41	0.41	0.44	0.44	0.44			
175	0.48	0.50	0.50	0.50	0.47	0.49	0.48	0.48	0.48	0.45	0.45	0.44	0.43	0.44	0.45	0.46			
180	0.50	0.49	0.49	0.49	0.48	0.49	0.50	0.50	0.50	0.49	0.49	0.48	0.48	0.48	0.49	0.49			

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