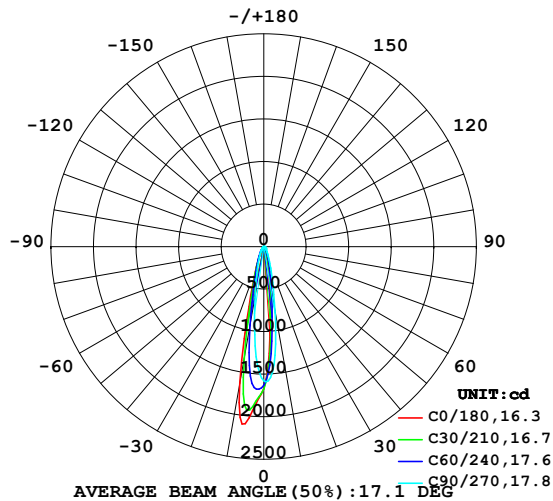


LUMINAIRE PHOTOMETRIC TEST REPORT

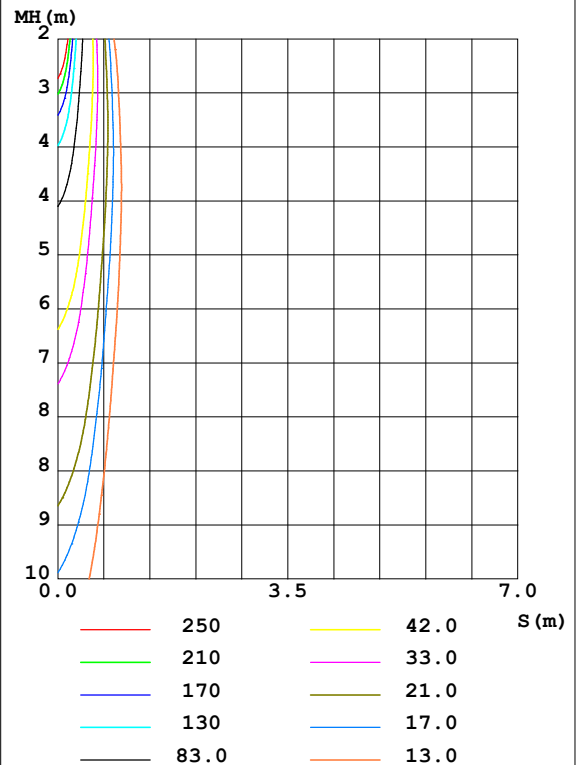
Test:U:220.03V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:322.661x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-15D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 49.64 lm/W			
MODEL		Imax(cd)	2102	S/MH(C0/180)	0.42
NOMINAL POWER(W)	36	LOR(%)	100.0	S/MH(C90/270)	0.28
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	322.66	η UP,DN(C0-180)	0.4,50.4
NOMINAL FLUX(lm)	322.661	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,48.9
LAMPS INSIDE	1	η up(%)	0.8	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	24	η down(%)	99.2	CIBSE SHR MAX	1.00

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [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	386.3	485.4	773.3	1470	1627	1135	603.2	378.4	0- 10	113.6	113.6	35.2,35.2
20	97.03	130.8	215.2	309.7	265.7	245.5	178.4	109.1	10- 20	113.6	227.2	70.4,70.4
30	27.10	48.04	88.93	91.04	32.94	70.40	76.81	39.19	20- 30	51.19	278.4	86.3,86.3
40	9.358	18.27	43.47	25.32	6.272	20.94	39.56	15.14	30- 40	23.01	301.4	93.4,93.4
50	3.292	7.158	21.82	5.294	1.897	4.657	20.34	5.857	40- 50	10.12	311.5	96.6,96.6
60	1.199	2.490	12.94	1.792	0.5682	1.556	12.25	2.102	50- 60	4.717	316.3	98,98
70	0.5077	0.7529	7.208	0.6391	0.2140	0.5333	6.207	0.5904	60- 70	2.485	318.7	98.8,98.8
80	0.1403	0.3281	2.367	0.3654	0.0568	0.2120	1.730	0.2558	70- 80	1.079	319.8	99.1,99.1
90	0.0394	0.1882	0.3849	0.2363	0.0175	0.1444	0.2756	0.1400	80- 90	0.3314	320.1	99.2,99.2
100	0.0350	0.1793	0.3762	0.2012	0.0175	0.1313	0.2668	0.1356	90-100	0.1853	320.3	99.3,99.3
110	0.0350	0.1793	0.3237	0.1684	0.0219	0.1225	0.2625	0.1312	100-110	0.1684	320.5	99.3,99.3
120	0.0831	0.2428	0.3324	0.1684	0.0350	0.1312	0.2625	0.1357	110-120	0.1610	320.7	99.4,99.4
130	0.1268	0.2144	0.3631	0.1816	0.0525	0.1574	0.2625	0.1815	120-130	0.1593	320.8	99.4,99.4
140	0.2533	0.4025	0.4683	0.2603	0.1270	0.2188	0.3935	0.3849	130-140	0.1830	321.0	99.5,99.5
150	1.241	1.155	0.9282	0.5642	0.3724	0.5206	0.8743	1.102	140-150	0.3255	321.3	99.6,99.6
160	2.226	2.088	1.882	1.490	1.213	1.404	1.745	1.988	150-160	0.5869	321.9	99.8,99.8
170	1.934	1.992	2.095	2.189	2.056	2.060	2.012	1.870	160-170	0.5566	322.5	99.9,99.9
180	1.719	1.783	1.807	1.879	1.754	1.787	1.842	1.850	170-180	0.1861	322.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:220.03V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:322.661x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-15D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1	13
80	1	17
75	2	21
70	2	26
65	2	30
60	3	32
55	4	36
50	6	42
45	11	54

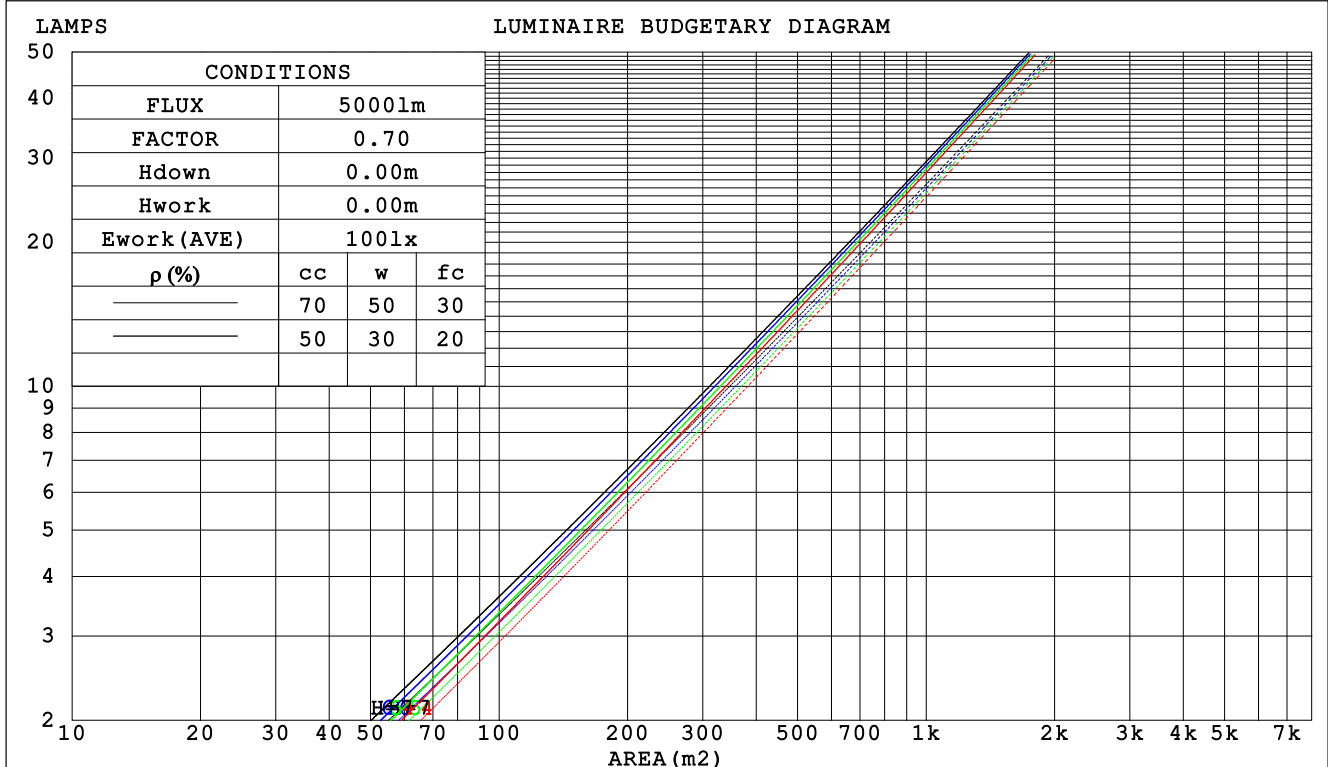
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.03V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:322.661x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-15D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	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	Coefficients of Utilization(CU)															
	RCR:Room Cavity Ratio															
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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.98	.97	.95
2.0	1.06	1.03	1.00	1.04	1.01	.99	1.01	.99	.97	.98	.96	.94	.95	.94	.92	.91
3.0	1.01	.97	.94	.00	.96	.93	.97	.94	.91	.94	.92	.90	.92	.90	.88	.87
4.0	.96	.92	.89	.95	.91	.88	.93	.90	.87	.91	.88	.86	.89	.87	.85	.84
5.0	.92	.88	.84	.91	.87	.84	.90	.86	.83	.88	.85	.83	.87	.84	.82	.81
6.0	.89	.84	.81	.88	.84	.81	.87	.83	.80	.85	.82	.79	.84	.81	.79	.78
7.0	.86	.81	.78	.85	.81	.78	.84	.80	.77	.83	.79	.77	.82	.79	.76	.75
8.0	.83	.78	.75	.82	.78	.75	.81	.77	.75	.80	.77	.74	.79	.76	.74	.73
9.0	.80	.76	.73	.80	.75	.72	.79	.75	.72	.78	.74	.72	.77	.74	.72	.71
10.0	.78	.73	.70	.77	.73	.70	.76	.73	.70	.76	.72	.70	.75	.72	.70	.69



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:220.03V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:322.661x1 lm					
NAME:Lumino Ground-500mm-RGBW GREEN-15D-REV2			TYPE:RGBW-GREEN		WEIGHT:00
SPEC.:15 DEG			DIM.:500mm		SERIAL No.:01
MFR.: 001			SUR.:0.8		Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.150	.085	.027	.143	.082	.026	.130	.075	.024	.118	.068	.022	.107	.062	.020	
2.0	.140	.077	.024	.134	.074	.023	.123	.069	.021	.114	.064	.020	.104	.059	.019	
3.0	.131	.070	.021	.126	.067	.020	.117	.063	.019	.109	.059	.018	.101	.056	.017	
4.0	.123	.064	.019	.119	.062	.018	.111	.059	.018	.104	.056	.017	.097	.053	.016	
5.0	.115	.059	.017	.112	.057	.017	.105	.055	.016	.099	.052	.016	.093	.050	.015	
6.0	.109	.055	.016	.106	.054	.015	.100	.051	.015	.095	.049	.014	.090	.047	.014	
7.0	.103	.051	.014	.101	.050	.014	.096	.048	.014	.091	.047	.014	.086	.045	.013	
8.0	.098	.048	.013	.096	.047	.013	.091	.046	.013	.087	.044	.013	.083	.043	.012	
9.0	.094	.045	.013	.091	.045	.013	.088	.043	.012	.084	.042	.012	.080	.041	.012	
10.0	.089	.043	.012	.088	.042	.012	.084	.041	.012	.081	.040	.011	.077	.039	.011	

pcc	80%			70%			50%			30%			10%			0
pw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
pfc	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.196	.196	.196	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.175	.164	.153	.150	.140	.132	.103	.097	.091	.059	.056	.053	.019	.018	.017	
2.0	.158	.139	.122	.135	.119	.106	.093	.083	.074	.053	.048	.043	.017	.016	.014	
3.0	.144	.119	.100	.123	.103	.087	.085	.072	.061	.049	.042	.036	.016	.014	.012	
4.0	.132	.104	.083	.113	.090	.072	.078	.063	.051	.045	.037	.030	.014	.012	.010	
5.0	.122	.092	.070	.104	.080	.061	.072	.056	.043	.042	.033	.026	.013	.011	.008	
6.0	.113	.082	.060	.097	.071	.053	.067	.050	.037	.039	.029	.022	.013	.010	.007	
7.0	.105	.074	.052	.091	.064	.046	.063	.045	.032	.036	.027	.019	.012	.009	.006	
8.0	.099	.068	.046	.085	.059	.040	.059	.041	.028	.034	.024	.017	.011	.008	.006	
9.0	.093	.062	.041	.080	.054	.036	.056	.038	.025	.032	.022	.015	.011	.007	.005	
10.0	.088	.057	.037	.076	.050	.032	.053	.035	.023	.031	.021	.014	.010	.007	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity:65.0%
 Test Distance:7.700m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:220.03V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:322.661x1 lm										
NAME:Lumino Ground-500mm-RGBW GREEN-15D-REV2					TYPE:RGBW-GREEN			WEIGHT:00		
SPEC.:15 DEG					DIM.:500mm			SERIAL No.:01		
MFR.: 001					SUR.:0.8			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	-8.7	-8.0	-8.5	-7.8	-7.7	-0.5	0.2	-0.3	0.4	0.6
3H	-8.7	-8.1	-8.5	-7.9	-7.6	0.4	1.1	0.7	1.3	1.5
4H	-8.7	-8.1	-8.5	-7.9	-7.7	0.8	1.5	1.1	1.7	1.9
6H	-8.8	-8.2	-8.5	-7.9	-7.7	1.1	1.7	1.4	1.9	2.2
8H	-8.8	-8.2	-8.5	-8.0	-7.7	1.1	1.7	1.5	2.0	2.3
12H	-8.9	-8.3	-8.5	-8.0	-7.7	1.2	1.7	1.5	2.0	2.3
4H 2H	-8.4	-7.7	-8.1	-7.5	-7.3	-0.7	-0.1	-0.4	0.2	0.4
3H	-8.4	-7.8	-8.0	-7.5	-7.2	0.2	0.8	0.6	1.1	1.4
4H	-8.4	-7.9	-8.0	-7.6	-7.2	0.7	1.2	1.0	1.5	1.8
6H	-8.4	-8.0	-8.0	-7.6	-7.3	1.0	1.4	1.4	1.8	2.1
8H	-8.5	-8.0	-8.1	-7.7	-7.3	1.1	1.5	1.5	1.9	2.3
12H	-8.5	-8.1	-8.1	-7.7	-7.3	1.2	1.6	1.6	1.9	2.3
8H 4H	-8.3	-7.9	-7.9	-7.6	-7.2	0.5	0.9	0.9	1.3	1.7
6H	-8.4	-8.0	-7.9	-7.6	-7.2	0.9	1.2	1.3	1.6	2.0
8H	-8.4	-8.1	-7.9	-7.6	-7.2	1.0	1.3	1.4	1.7	2.2
12H	-8.4	-8.1	-7.9	-7.7	-7.2	1.1	1.3	1.6	1.8	2.3
12H 4H	-8.3	-7.9	-7.9	-7.6	-7.2	0.5	0.8	0.9	1.2	1.6
6H	-8.3	-8.0	-7.9	-7.6	-7.1	0.8	1.1	1.3	1.5	2.0
8H	-8.3	-8.1	-7.9	-7.6	-7.1	0.9	1.2	1.4	1.6	2.1
Variations with the observer position at spacings:										
S = 1.0H	+ 1.9 / - 3.8					+ 1.7 / - 1.2				
1.5H	+ 1.8 / - 3.3					+ 2.9 / - 2.5				
2.0H	+ 2.9 / - 3.3					+ 3.5 / - 3.6				

CIE Pub.117, 322.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.9)
Area: 0.8 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:220.03V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:322.661x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-15D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

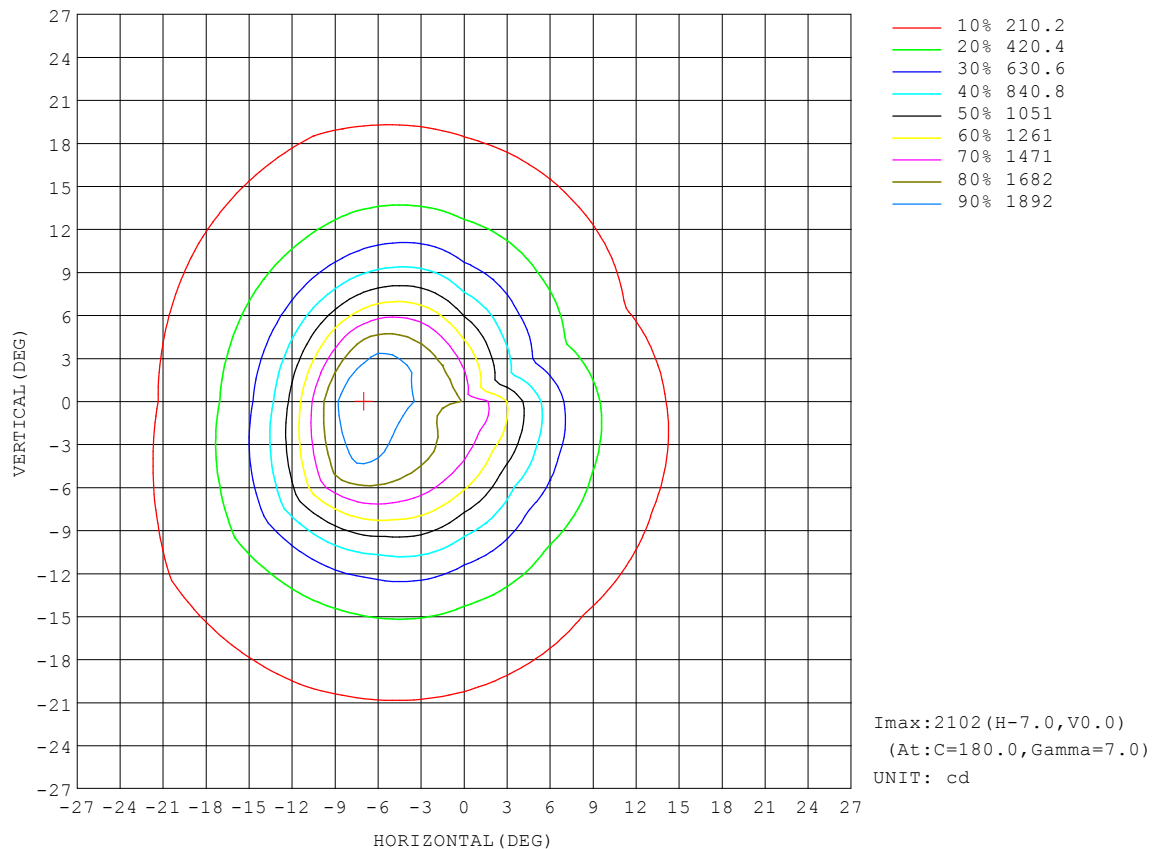
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	112	108	105	110	107	104	106	104	102	95
4.00	114	111	109	111	109	107	108	106	104	97
5.00	115	113	111	113	111	109	109	107	106	98
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:220.03V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:322.661x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-15D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

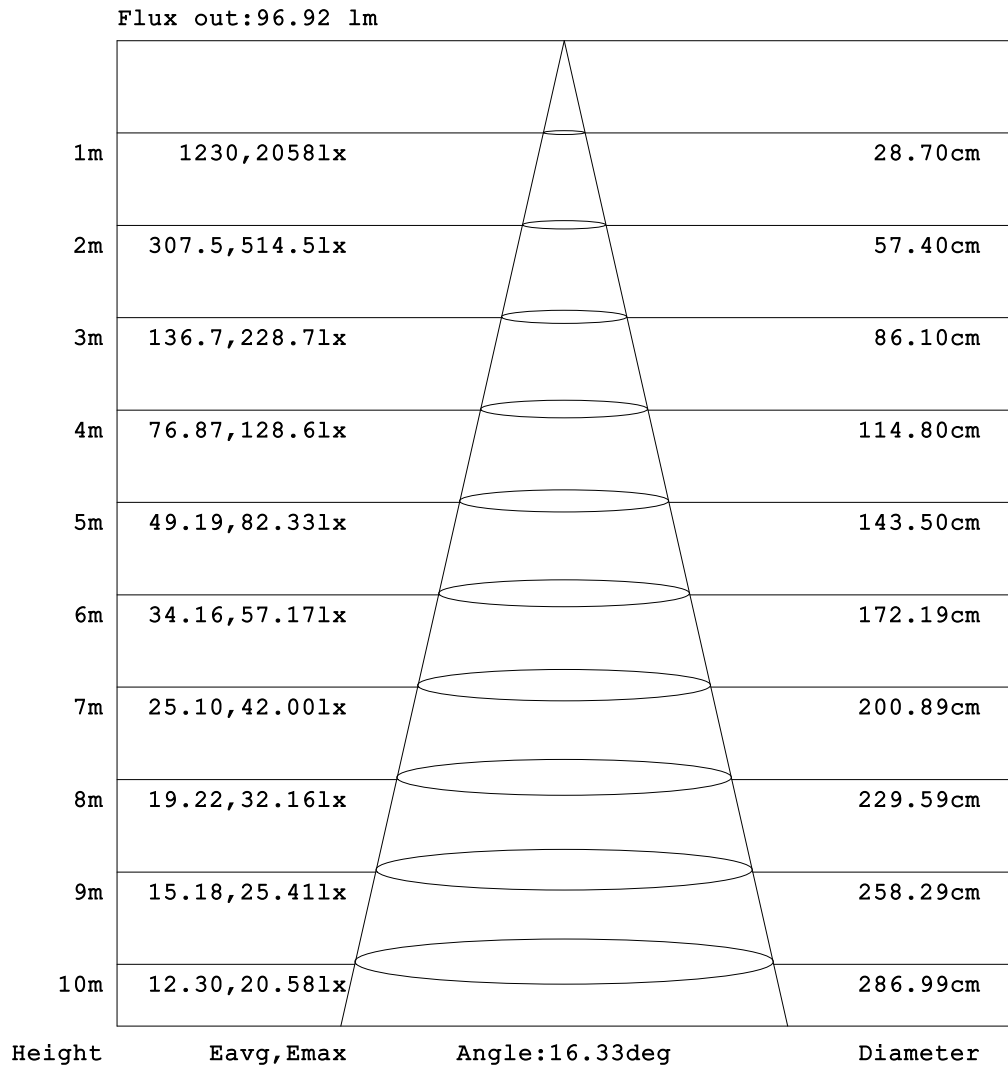


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

AAI Figure

Test:U:220.03V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:322.661x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-15D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



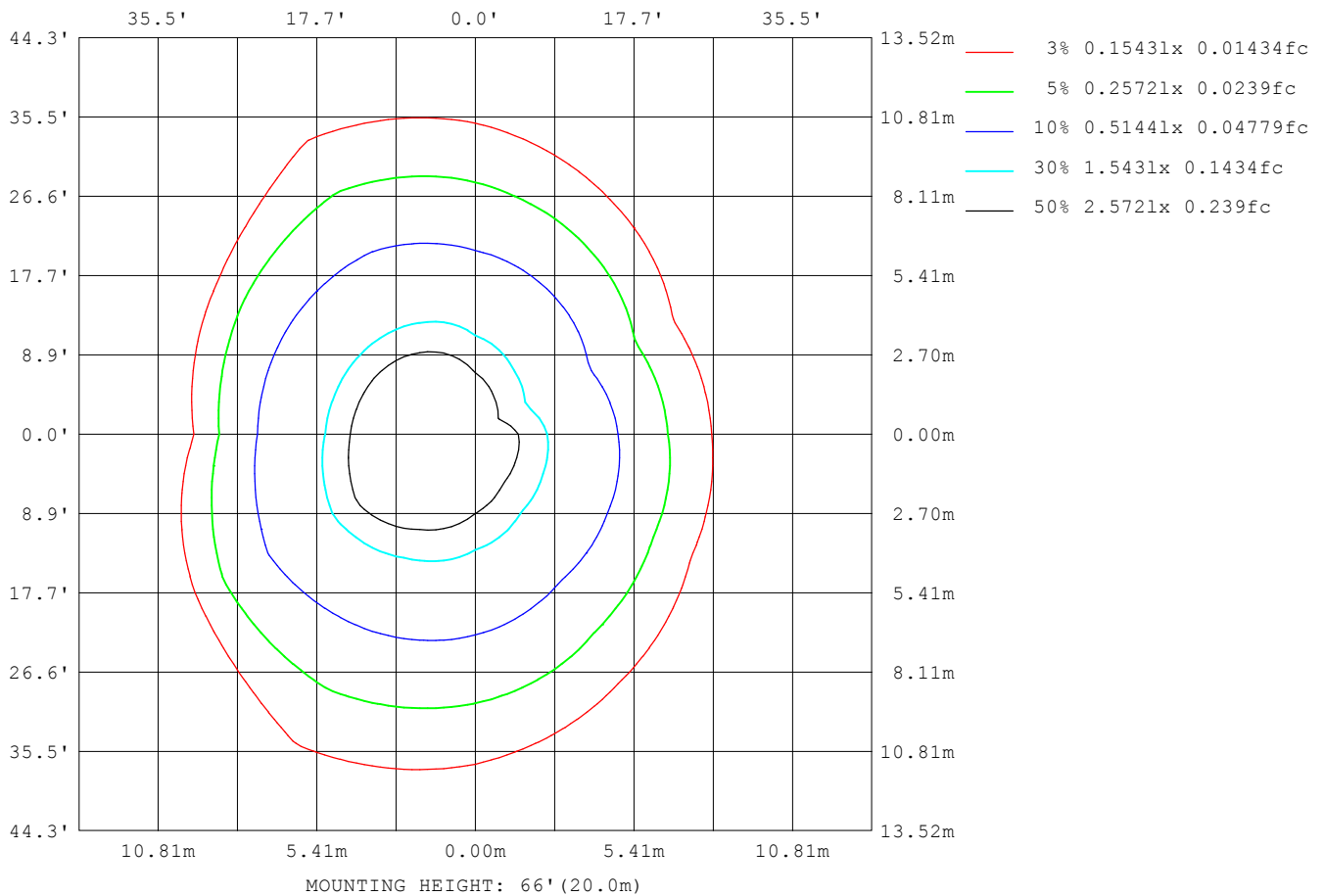
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature: 20DEG
 Operators: 01
 Test Date: 2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
 Humidity: 65.0%
 Test Distance: 7.700m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:220.03V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:322.661x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-15D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

LED Avg.L Report

Test:U:220.03V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:322.661x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-15D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

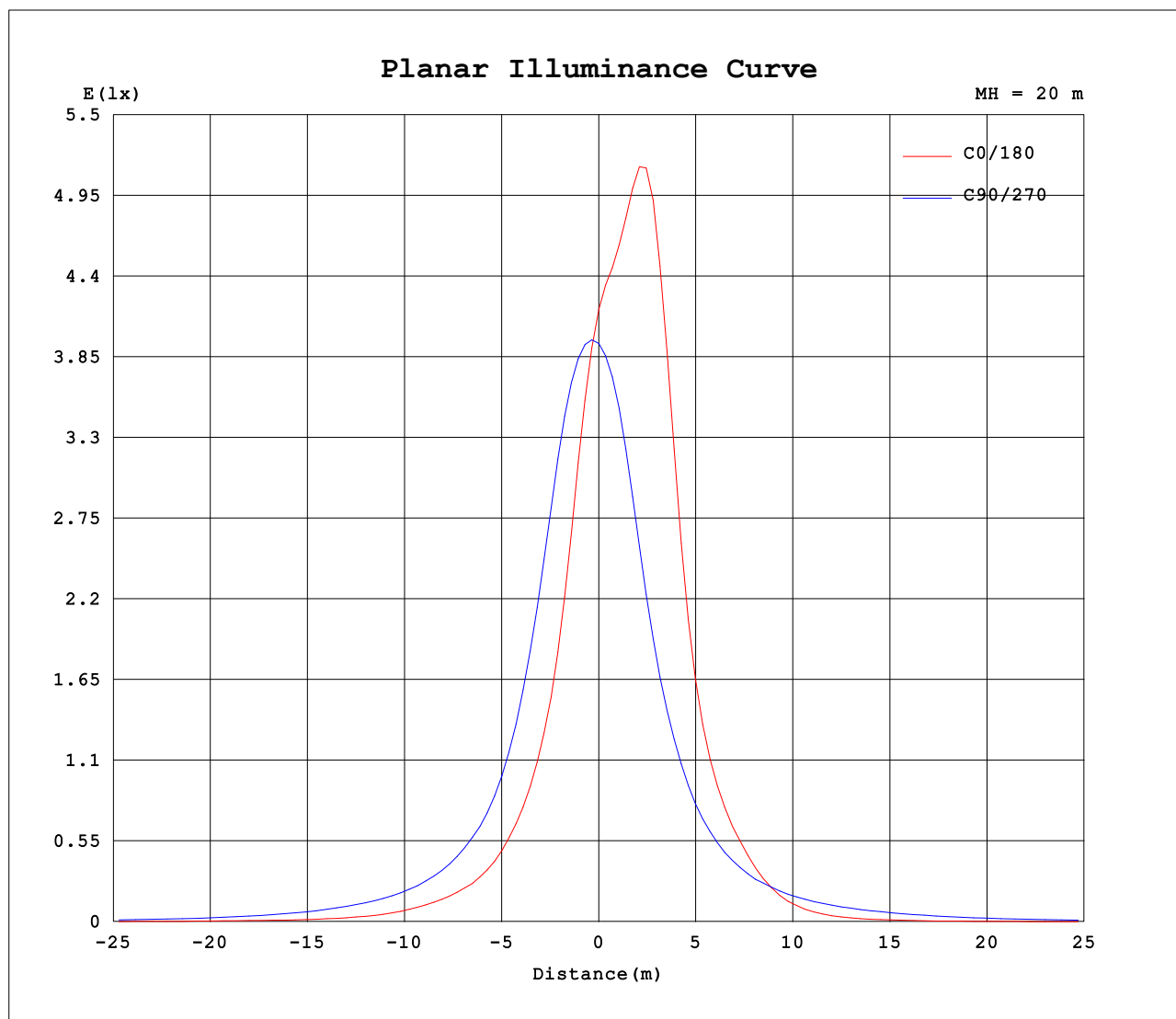
AvgL	cd/m2
L_0~180 (65) av	2
L_0~180 (75) av	1
L_0~180 (85) av	1
L_90~270 (65) av	29
L_90~270 (75) av	20
L_90~270 (85) av	10
L_45 (65) av	2
L_45 (75) av	1
L_45 (85) av	3

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
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γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity:65.0%
Test Distance:7.700m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
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Test Speed: HIGH
Temperature: 20DEG
Operators: 01
Test Date: 2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System: EVERFINE GO-2000B_V1 SYSTEM V2.00.411
Humidity: 65.0%
Test Distance: 7.700m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.03V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:322.661x1 lm																	
NAME:Lumino Ground-500mm-RGBW GREEN-15D-REV2									TYPE:RGBW-GREEN						WEIGHT:00		
SPEC.:15 DEG									DIM.:500mm						SERIAL No.:01		
MFR.: 001									SUR.:0.8						Shielding Angle:		

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	30	60	90	120	150	180	210	240	270	300	330						
0	1669	1674	1631	1576	1519	1450	1669	1674	1631	1576	1519	1450						
5	897	977	1115	1394	1670	1832	2023	1928	1612	1172	876	683						
10	386	436	535	773	1183	1757	1627	1332	938	603	438	319						
15	183	215	268	381	544	774	597	518	433	312	231	158						
20	97.0	112	150	215	279	341	266	254	237	178	130	87.7						
25	53.1	62.9	93.8	133	167	176	96.2	126	145	113	80.2	50.2						
30	27.1	35.3	60.8	88.9	111	70.9	32.9	46.1	94.7	76.8	51.6	26.8						
35	15.1	19.0	39.9	62.0	73.5	24.6	13.0	16.2	62.0	55.1	33.5	14.8						
40	9.36	10.9	25.6	43.5	40.5	10.1	6.27	7.52	34.4	39.6	21.5	8.76						
45	6.11	6.88	15.8	30.5	16.8	5.21	3.34	4.11	14.8	28.1	13.4	5.64						
50	3.29	4.44	9.88	21.8	7.60	2.99	1.90	2.40	6.91	20.3	8.40	3.31						
55	1.82	2.11	6.21	16.6	4.21	1.68	1.04	1.40	3.92	15.6	5.20	1.58						
60	1.20	1.11	3.87	12.9	2.64	0.94	0.57	0.69	2.42	12.2	3.22	0.98						
65	0.81	0.79	2.27	10.1	1.57	0.59	0.37	0.53	1.38	9.26	1.56	0.70						
70	0.51	0.53	0.98	7.21	0.83	0.45	0.21	0.38	0.69	6.21	0.73	0.46						
75	0.32	0.35	0.65	4.40	0.63	0.32	0.13	0.25	0.42	3.72	0.49	0.31						
80	0.14	0.21	0.45	2.37	0.49	0.24	0.06	0.19	0.23	1.73	0.32	0.19						
85	0.07	0.14	0.34	0.90	0.39	0.18	0.02	0.15	0.18	0.53	0.22	0.14						
90	0.04	0.11	0.26	0.38	0.33	0.14	0.02	0.11	0.18	0.28	0.18	0.10						
95	0.03	0.11	0.25	0.38	0.30	0.12	0.02	0.09	0.18	0.27	0.18	0.09						
100	0.03	0.11	0.24	0.38	0.29	0.11	0.02	0.08	0.18	0.27	0.18	0.09						
105	0.03	0.11	0.24	0.32	0.29	0.11	0.02	0.06	0.18	0.27	0.18	0.08						
110	0.03	0.12	0.24	0.32	0.23	0.11	0.02	0.06	0.18	0.26	0.18	0.08						
115	0.07	0.19	0.24	0.32	0.22	0.11	0.03	0.06	0.20	0.26	0.19	0.07						
120	0.08	0.18	0.30	0.33	0.23	0.11	0.03	0.06	0.20	0.26	0.20	0.07						
125	0.10	0.18	0.26	0.34	0.23	0.12	0.03	0.07	0.21	0.26	0.22	0.07						
130	0.13	0.16	0.27	0.36	0.23	0.14	0.05	0.08	0.24	0.26	0.27	0.10						
135	0.13	0.23	0.32	0.39	0.27	0.17	0.08	0.09	0.26	0.31	0.33	0.17						
140	0.25	0.38	0.43	0.47	0.31	0.21	0.13	0.11	0.32	0.39	0.45	0.32						
145	0.62	0.68	0.66	0.63	0.42	0.30	0.21	0.21	0.43	0.56	0.67	0.63						
150	1.24	1.23	1.08	0.93	0.65	0.48	0.37	0.42	0.62	0.87	1.06	1.15						
155	1.85	1.79	1.58	1.41	1.06	0.84	0.69	0.76	1.02	1.31	1.56	1.69						
160	2.23	2.17	2.00	1.88	1.58	1.40	1.21	1.29	1.52	1.74	1.94	2.04						
165	2.24	2.18	2.15	2.14	2.02	1.96	1.79	1.83	1.95	2.01	2.03	2.06						
170	1.93	1.92	2.07	2.10	2.17	2.20	2.06	2.07	2.05	2.01	1.92	1.82						
175	1.68	1.71	1.86	1.97	2.12	2.11	1.98	2.03	1.93	1.89	1.84	1.72						
180	1.72	1.76	1.81	1.81	1.88	1.88	1.75	1.78	1.79	1.84	1.85	1.85						

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