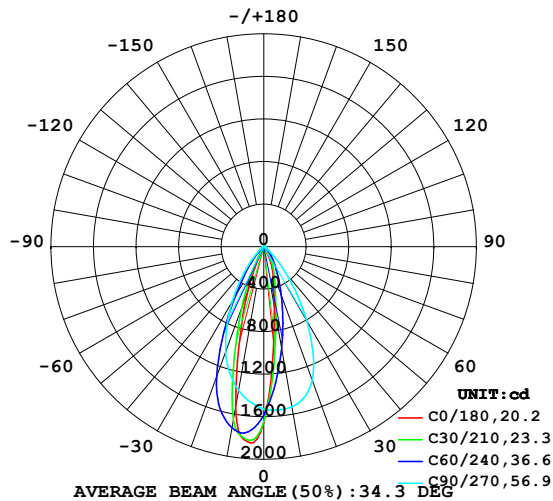


LUMINAIRE PHOTOMETRIC TEST REPORT

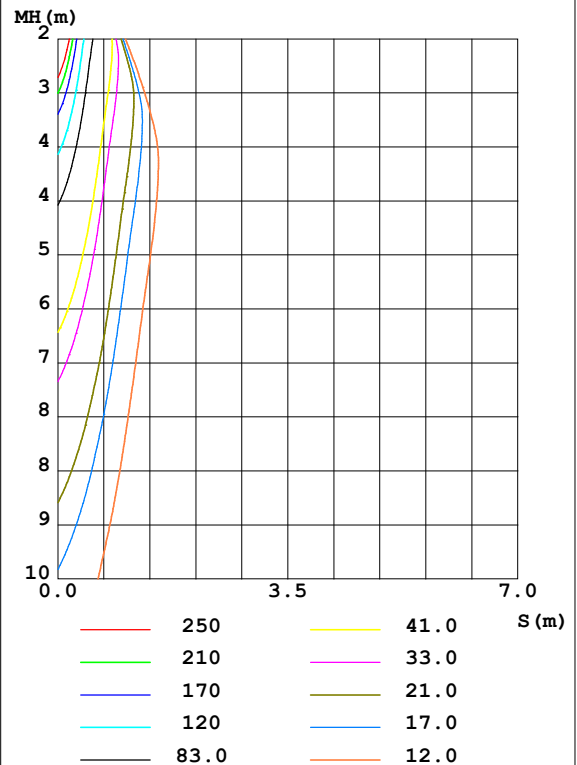
Test:U:220.02V I:0.0880A P:18.100W PF:0.9000 Freq:49.99Hz Lamp Flux:769.845x1 lm		
NAME:Lumino Ground-500mm-RGBW ALL-20x55D-REV2	TYPE:RGBW W=4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 42.53 lm/W			
MODEL		Imax(cd)	1849	S/MH(C0/180)	0.50
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.81
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	769.85	η UP,DN(C0-180)	0.5,51.9
NOMINAL FLUX(lm)	769.845	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.5,47.2
LAMPS INSIDE	1	η up(%)	0.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	24	η down(%)	99.1	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:

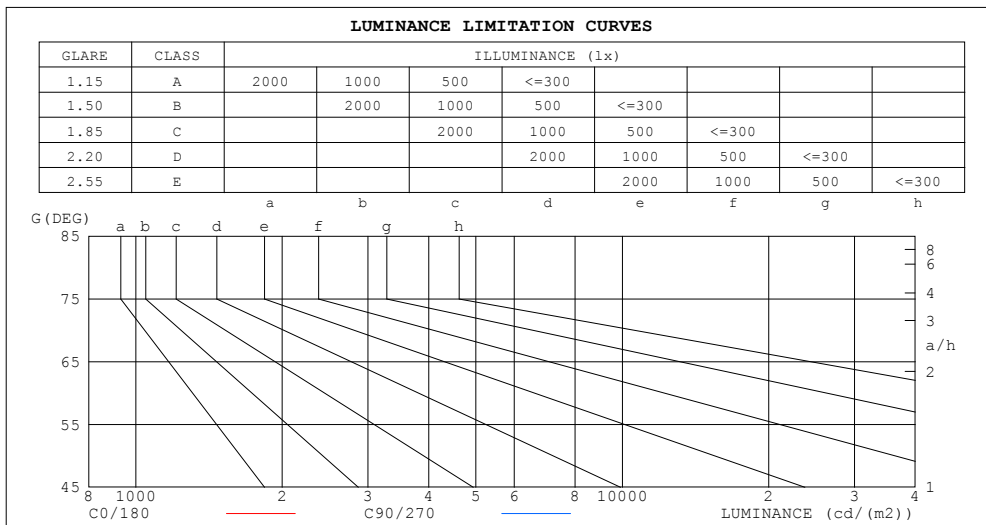
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	573.2	819.4	1528	1766	1526	1691	1370	643.6	0- 10	131.2	131.2	17,17
20	252.3	385.2	1335	1027	436.3	952.3	1050	297.6	10- 20	264.5	395.7	51.4,51.4
30	33.26	162.2	813.4	309.0	40.60	308.9	593.4	107.8	20- 30	210.4	606.1	78.7,78.7
40	8.994	55.90	320.4	67.89	8.374	81.77	216.7	38.84	30- 40	102.2	708.3	92,92
50	4.545	16.41	74.56	11.70	3.282	12.35	54.62	8.324	40- 50	34.62	742.9	96.5,96.5
60	1.878	4.816	30.32	3.737	1.215	3.886	27.53	3.307	50- 60	10.68	753.6	97.9,97.9
70	0.8098	1.950	15.66	1.571	0.5374	1.633	13.83	1.380	60- 70	5.438	759.0	98.6,98.6
80	0.2496	0.9865	6.344	0.9122	0.1879	0.9074	4.972	0.7851	70- 80	2.701	761.7	98.9,98.9
90	0.0745	0.6760	1.325	0.6278	0.0437	0.6105	1.229	0.6146	80- 90	1.034	762.8	99.1,99.1
100	0.0656	0.6539	1.286	0.5687	0.0438	0.6037	1.321	0.6168	90-100	0.6894	763.5	99.2,99.2
110	0.0656	0.6321	1.203	0.5512	0.0612	0.6058	1.295	0.6278	100-110	0.6654	764.1	99.3,99.3
120	0.0743	0.6605	1.234	0.5380	0.0656	0.4703	1.321	0.6037	110-120	0.6056	764.7	99.3,99.3
130	0.1355	0.8528	1.545	0.6079	0.0919	0.5819	1.706	0.7746	120-130	0.5916	765.3	99.4,99.4
140	0.5152	1.562	2.241	0.8834	0.2803	0.9890	2.322	1.533	130-140	0.7480	766.1	99.5,99.5
150	2.124	2.769	2.870	1.653	0.7796	1.687	3.026	2.812	140-150	1.065	767.1	99.6,99.6
160	4.102	3.650	3.483	2.962	2.089	3.041	3.446	3.652	150-160	1.267	768.4	99.8,99.8
170	4.248	3.902	4.099	4.169	3.942	4.160	4.050	3.900	160-170	1.049	769.4	99.9,99.9
180	4.147	4.328	4.401	4.436	4.186	4.333	4.396	4.414	170-180	0.3995	769.8	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:220.02V I:0.0880A P:18.100W PF:0.9000 Freq:49.99Hz Lamp Flux:769.845x1 lm		
NAME:Lumino Ground-500mm-RGBW ALL-20x55D-REV2	TYPE:RGBW W=4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2	36
80	2	46
75	2	52
70	3	57
65	4	67
60	5	76
55	6	92
50	9	145
45	11	295

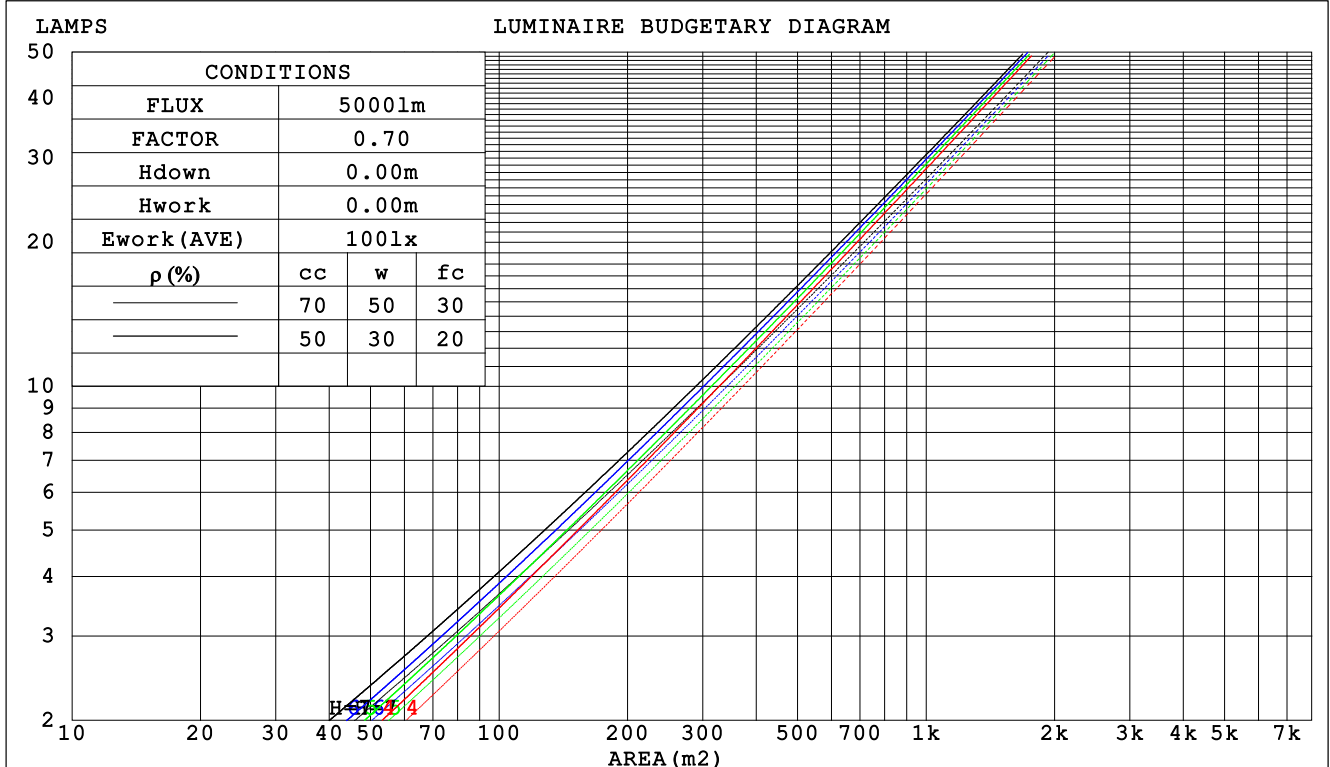
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:220.02V I:0.0880A P:18.100W PF:0.9000 Freq:49.99Hz Lamp Flux:769.845x1 lm		
NAME:Lumino Ground-500mm-RGBW ALL-20x55D-REV2	TYPE:RGBW W=4000K	WEIGHT:00
SPEC.:20x55 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	1.11	1.09	1.06	1.09	1.07	1.05	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.98	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.89	.86	.84	.82
4.0	.92	.87	.83	.91	.86	.82	.88	.84	.81	.86	.83	.80	.84	.82	.79	.78
5.0	.87	.81	.77	.86	.81	.77	.84	.80	.76	.82	.78	.76	.81	.77	.75	.73
6.0	.82	.77	.73	.81	.76	.72	.80	.75	.72	.78	.74	.71	.77	.74	.71	.70
7.0	.78	.73	.69	.77	.72	.68	.76	.71	.68	.75	.71	.68	.74	.70	.67	.66
8.0	.74	.69	.65	.74	.68	.65	.73	.68	.65	.71	.67	.64	.70	.67	.64	.63
9.0	.71	.65	.62	.70	.65	.62	.69	.65	.61	.68	.64	.61	.68	.64	.61	.60
10.0	.68	.62	.59	.67	.62	.59	.66	.62	.59	.66	.61	.58	.65	.61	.58	.57



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:220.02V I:0.0880A P:18.100W PF:0.9000 Freq:49.99Hz Lamp Flux:769.845x1 lm					
NAME:Lumino Ground-500mm-RGBW ALL-20x55D-REV2			TYPE:RGBW W=4000K		WEIGHT:00
SPEC.:20x55 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	.170	.097	.031	.163	.093	.030	.150	.086	.027	.138	.080	.026	.127	.074	.024	
2.0	.161	.088	.027	.155	.085	.026	.144	.080	.025	.134	.075	.024	.125	.071	.022	
3.0	.152	.081	.024	.147	.079	.024	.138	.075	.023	.129	.071	.022	.121	.067	.021	
4.0	.144	.075	.022	.140	.073	.022	.132	.070	.021	.124	.067	.020	.117	.064	.019	
5.0	.137	.070	.020	.133	.068	.020	.126	.066	.019	.119	.063	.019	.113	.061	.018	
6.0	.130	.065	.019	.127	.064	.018	.121	.062	.018	.115	.060	.018	.109	.058	.017	
7.0	.124	.061	.017	.121	.060	.017	.116	.058	.017	.111	.057	.016	.106	.055	.016	
8.0	.118	.058	.016	.116	.057	.016	.111	.055	.016	.106	.054	.016	.102	.052	.015	
9.0	.113	.055	.015	.111	.054	.015	.107	.053	.015	.103	.051	.015	.099	.050	.014	
10.0	.109	.052	.014	.107	.051	.014	.103	.050	.014	.099	.049	.014	.095	.048	.014	

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	.197	.197	.197	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.178	.164	.152	.152	.141	.131	.104	.097	.091	.060	.056	.053	.019	.018	.017	
2.0	.162	.140	.121	.139	.120	.105	.095	.083	.073	.055	.048	.043	.018	.016	.014	
3.0	.149	.121	.098	.128	.104	.085	.088	.072	.060	.051	.042	.035	.016	.014	.012	
4.0	.138	.106	.081	.119	.091	.070	.082	.064	.050	.047	.037	.029	.015	.012	.010	
5.0	.129	.094	.068	.111	.081	.059	.076	.057	.042	.044	.033	.025	.014	.011	.008	
6.0	.121	.085	.058	.104	.073	.051	.072	.051	.036	.042	.030	.021	.013	.010	.007	
7.0	.114	.077	.051	.098	.067	.044	.068	.047	.031	.040	.028	.019	.013	.009	.006	
8.0	.108	.071	.045	.093	.061	.039	.065	.043	.028	.038	.025	.016	.012	.008	.005	
9.0	.103	.065	.040	.089	.057	.035	.062	.040	.025	.036	.024	.015	.012	.008	.005	
10.0	.099	.061	.036	.085	.053	.031	.059	.037	.022	.034	.022	.013	.011	.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:220.02V I:0.0880A P:18.100W PF:0.9000 Freq:49.99Hz Lamp Flux:769.845x1 lm										
NAME:Lumino Ground-500mm-RGBW ALL-20x55D-REV2					TYPE:RGBW W=4000K			WEIGHT:00		
SPEC.:20x55 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	-10.2	-9.4	-10.0	-9.2	-9.0	4.1	5.0	4.3	5.1	5.3
3H	-10.3	-9.5	-10.0	-9.3	-9.1	4.2	5.0	4.5	5.2	5.4
4H	-10.3	-9.6	-10.0	-9.3	-9.1	4.3	5.0	4.6	5.3	5.5
6H	-10.4	-9.7	-10.1	-9.4	-9.1	4.3	5.1	4.7	5.3	5.6
8H	-10.4	-9.7	-10.1	-9.5	-9.2	4.4	5.0	4.7	5.3	5.6
12H	-10.4	-9.8	-10.1	-9.5	-9.2	4.4	5.0	4.7	5.3	5.6
4H 2H	-9.8	-9.1	-9.5	-8.8	-8.6	3.8	4.6	4.1	4.8	5.1
3H	-9.8	-9.2	-9.5	-8.9	-8.6	4.0	4.6	4.3	4.9	5.2
4H	-9.8	-9.2	-9.5	-8.9	-8.6	4.0	4.6	4.4	4.9	5.3
6H	-9.9	-9.3	-9.5	-9.0	-8.6	4.1	4.7	4.5	5.0	5.4
8H	-9.9	-9.4	-9.5	-9.0	-8.6	4.2	4.7	4.6	5.0	5.4
12H	-9.9	-9.5	-9.5	-9.1	-8.7	4.2	4.6	4.6	5.0	5.4
8H 4H	-9.7	-9.2	-9.2	-8.8	-8.4	3.9	4.4	4.3	4.7	5.1
6H	-9.6	-9.2	-9.2	-8.8	-8.4	4.0	4.4	4.4	4.8	5.2
8H	-9.6	-9.3	-9.1	-8.8	-8.4	4.0	4.4	4.5	4.8	5.3
12H	-9.6	-9.3	-9.1	-8.8	-8.3	4.1	4.4	4.6	4.8	5.3
12H 4H	-9.6	-9.1	-9.2	-8.8	-8.3	3.8	4.3	4.3	4.7	5.1
6H	-9.5	-9.1	-9.0	-8.7	-8.3	3.9	4.3	4.4	4.7	5.2
8H	-9.5	-9.1	-9.0	-8.7	-8.2	4.0	4.3	4.5	4.8	5.2
Variations with the observer position at spacings:										
S = 1.0H	+ 1.9 / - 3.0					+ 4.7 / - 4.8				
1.5H	+ 4.4 / - 2.3					+ 6.6 / - 6.5				
2.0H	+ 2.3 / - 1.8					+ 6.9 / - 4.9				

CIE Pub.117, 769.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -0.9)
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:220.02V I:0.0880A P:18.100W PF:0.9000 Freq:49.99Hz Lamp Flux:769.845x1 lm		
NAME:Lumino Ground-500mm-RGBW ALL-20x55D-REV2	TYPE:RGBW W=4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

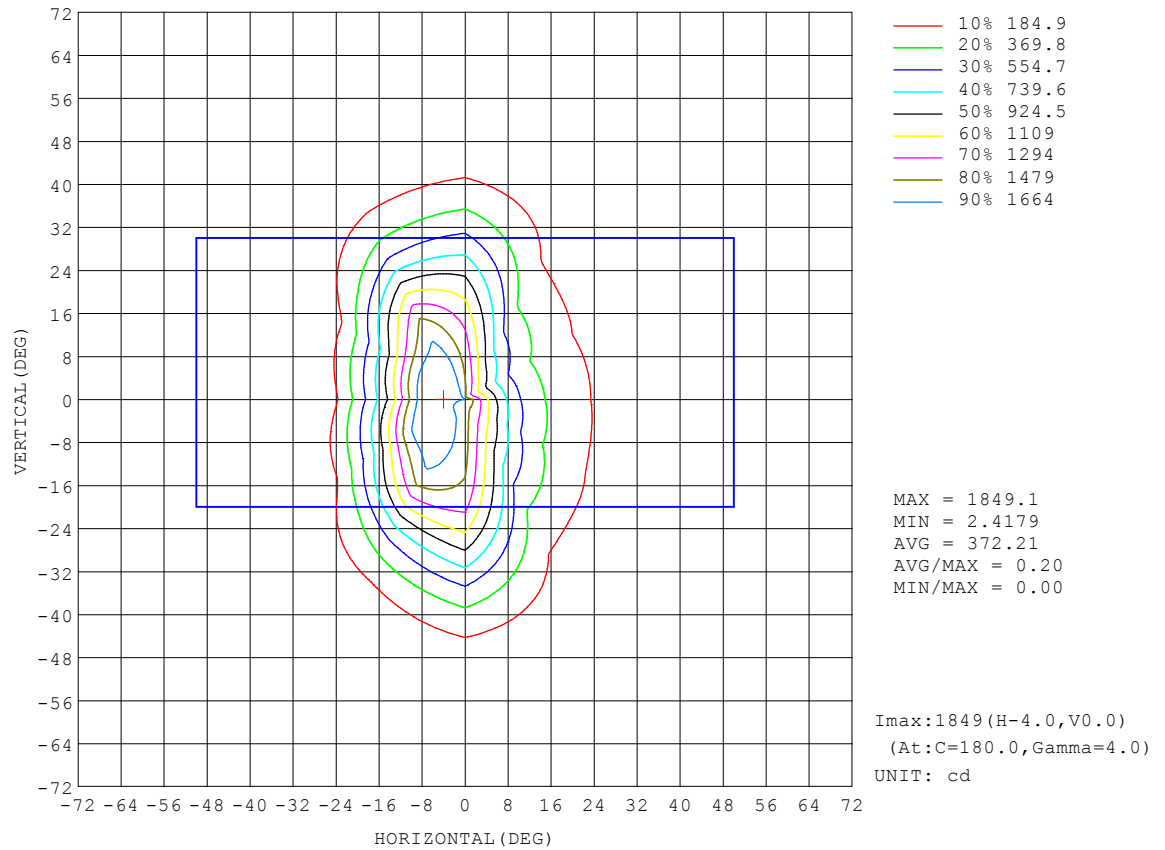
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	76	86	80	76	85	80	76	72
0.80	94	88	84	93	88	84	92	87	84	80
1.00	99	93	89	98	92	89	96	92	88	84
1.25	103	97	94	101	97	93	99	95	92	88
1.50	105	100	97	104	100	97	102	98	95	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	109	106	104	106	104	102	95
4.00	113	111	108	111	109	107	107	106	104	97
5.00	115	112	110	112	110	109	108	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:220.02V I:0.0880A P:18.100W PF:0.9000 Freq:49.99Hz Lamp Flux:769.845x1 lm		
NAME:Lumino Ground-500mm-RGBW ALL-20x55D-REV2	TYPE:RGBW W=4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

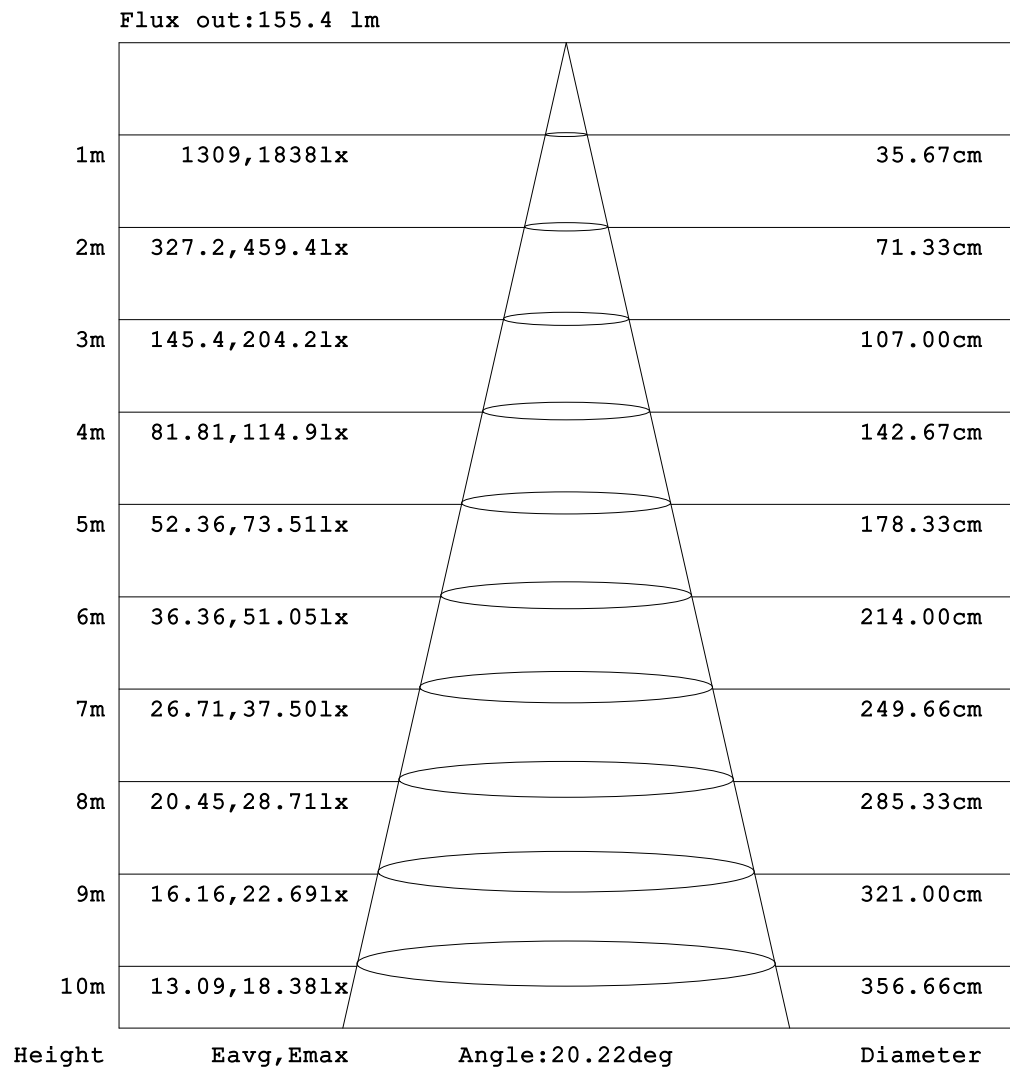


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:220.02V I:0.0880A P:18.100W PF:0.9000 Freq:49.99Hz Lamp Flux:769.845x1 lm		
NAME:Lumino Ground-500mm-RGBW ALL-20x55D-REV2	TYPE:RGBW W=4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



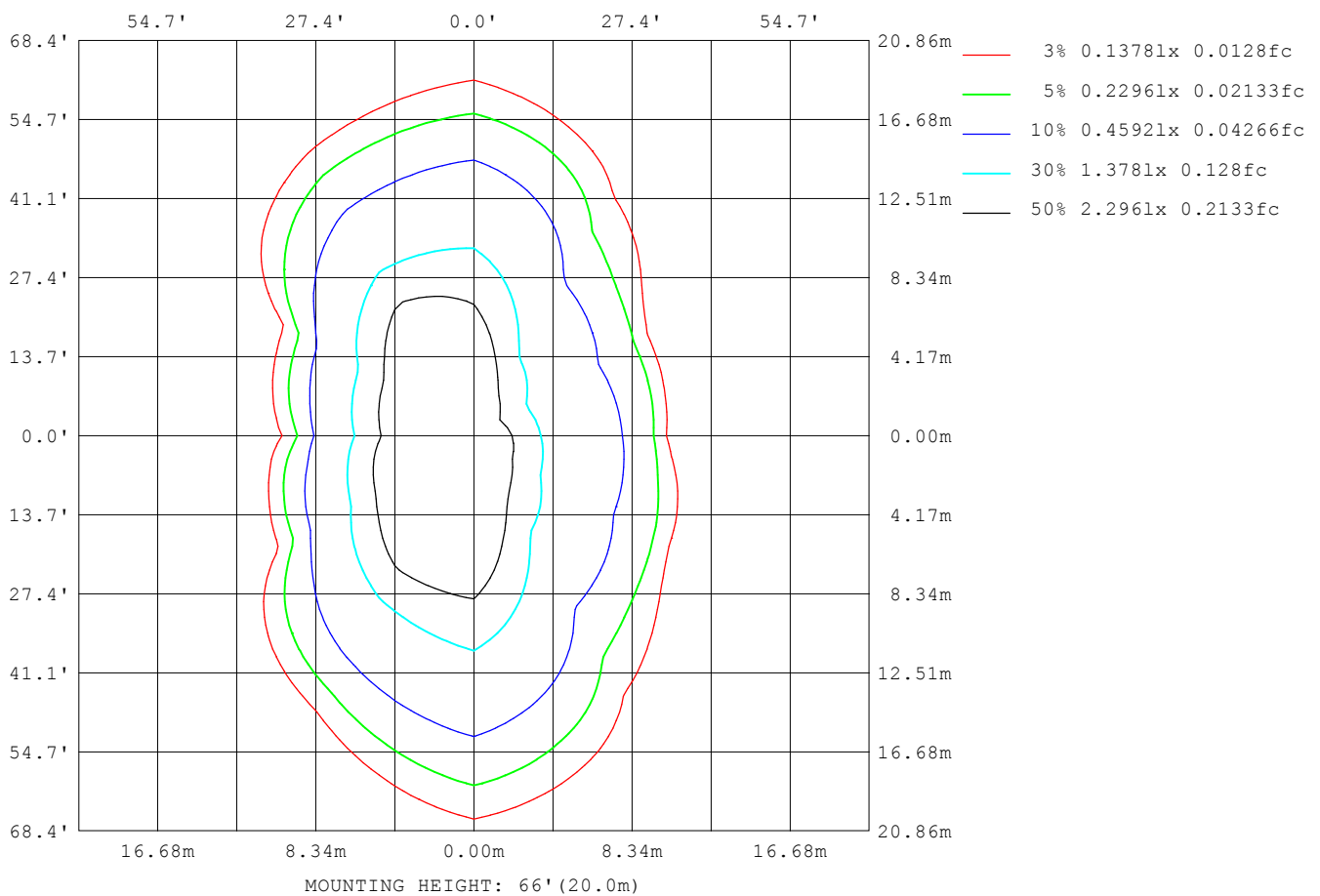
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:220.02V I:0.0880A P:18.100W PF:0.9000 Freq:49.99Hz Lamp Flux:769.845x1 lm		
NAME:Lumino Ground-500mm-RGBW ALL-20x55D-REV2	TYPE:RGBW W=4000K	WEIGHT:00
SPEC.:20x55 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:220.02V I:0.0880A P:18.100W PF:0.9000 Freq:49.99Hz Lamp Flux:769.845x1 lm		
NAME:Lumino Ground-500mm-RGBW ALL-20x55D-REV2	TYPE:RGBW W=4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

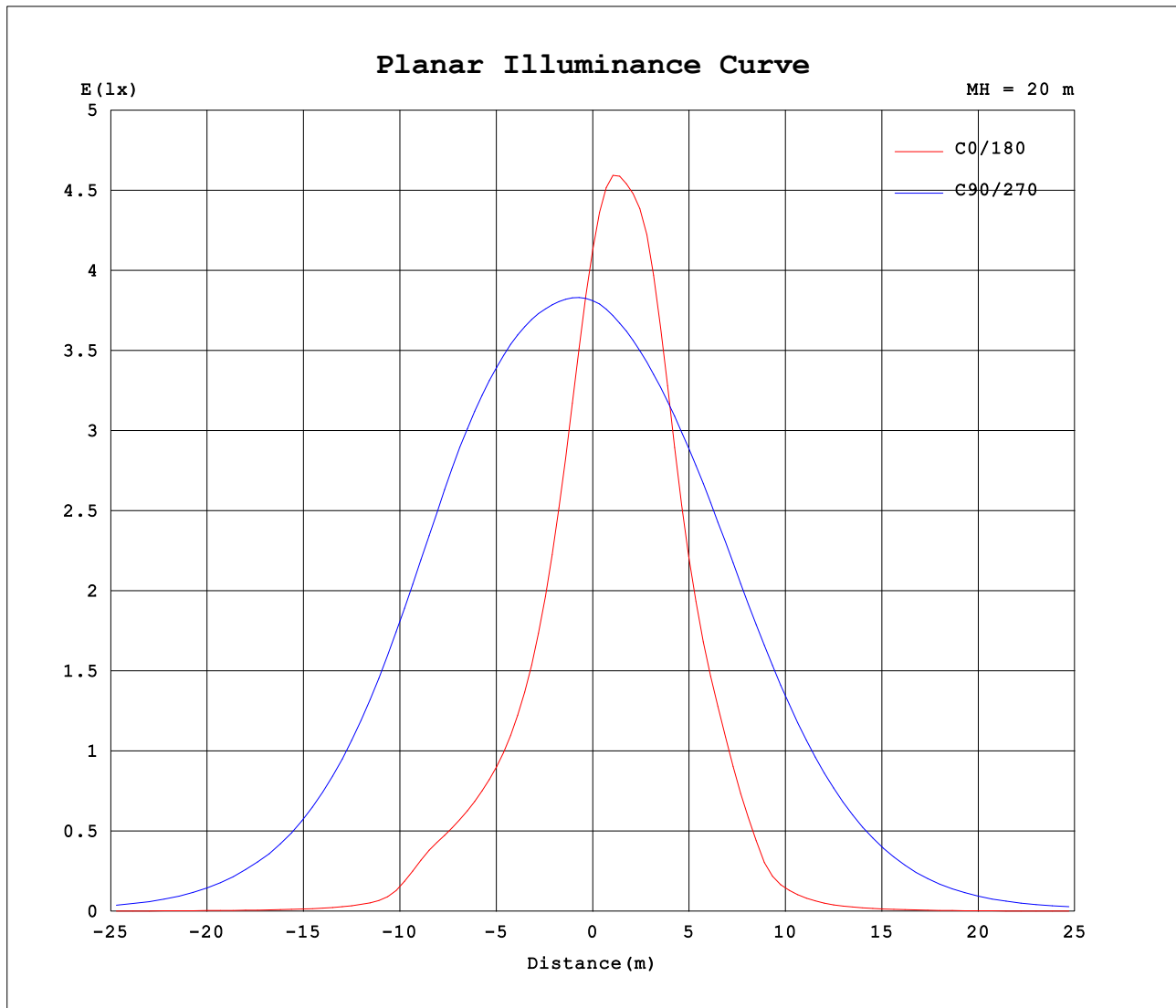
AvgL	cd/m2
L_0~180 (65) av	3
L_0~180 (75) av	2
L_0~180 (85) av	2
L_90~270 (65) av	63
L_90~270 (75) av	49
L_90~270 (85) av	30
L_45 (65) av	4
L_45 (75) av	3
L_45 (85) av	10

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
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γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.411
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Remarks:

Planar Illuminance Curve



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:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.02V I:0.0880A P:18.100W PF:0.9000 Freq:49.99Hz Lamp Flux:769.845x1 lm		
NAME:Lumino Ground-500mm-RGBW ALL-20x55D-REV2	TYPE:RGBW W=4000K	WEIGHT:00
SPEC.:20x55 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	1652	1643	1582	1525	1468	1406	1652	1643	1582	1525	1468	1406						
5	1018	1109	1285	1540	1729	1801	1838	1821	1749	1465	1102	859						
10	573	668	971	1528	1774	1757	1526	1651	1730	1370	773	514						
15	366	422	696	1470	1663	1258	859	1069	1584	1235	527	341						
20	252	288	482	1335	1346	708	436	605	1299	1050	359	236						
25	135	202	329	1097	888	340	119	276	891	825	252	151						
30	33.3	101	223	813	519	99.4	40.6	83.7	534	593	173	42.9						
35	14.7	29.6	149	543	278	38.5	16.6	33.4	300	383	116	18.1						
40	8.99	14.3	97.5	320	119	16.5	8.37	14.9	149	217	67.9	9.83						
45	6.45	8.85	59.3	167	41.7	8.51	4.92	7.93	54.8	109	25.8	6.80						
50	4.55	6.14	26.7	74.6	18.4	5.04	3.28	4.76	19.9	54.6	11.9	4.79						
55	2.75	4.11	11.9	42.1	9.44	3.25	1.92	3.04	9.70	36.7	7.16	2.98						
60	1.88	2.38	7.25	30.3	5.60	1.88	1.22	1.72	6.06	27.5	4.67	1.95						
65	1.26	1.73	4.61	22.5	3.48	1.36	0.85	1.34	3.84	19.8	2.83	1.43						
70	0.81	1.22	2.69	15.7	2.10	1.04	0.54	1.02	2.25	13.8	1.78	0.98						
75	0.50	0.87	1.78	10.7	1.60	0.74	0.34	0.76	1.55	9.55	1.33	0.72						
80	0.25	0.61	1.36	6.34	1.26	0.57	0.19	0.62	1.20	4.97	1.06	0.51						
85	0.14	0.48	1.11	2.54	1.03	0.42	0.09	0.46	0.98	1.65	0.89	0.43						
90	0.07	0.39	0.96	1.33	0.90	0.35	0.04	0.37	0.85	1.23	0.87	0.36						
95	0.07	0.38	0.94	1.29	0.84	0.31	0.04	0.34	0.85	1.28	0.87	0.36						
100	0.07	0.38	0.93	1.29	0.83	0.31	0.04	0.35	0.85	1.32	0.88	0.35						
105	0.07	0.38	0.91	1.24	0.83	0.31	0.06	0.36	0.85	1.32	0.90	0.35						
110	0.07	0.38	0.89	1.20	0.79	0.31	0.06	0.36	0.85	1.29	0.91	0.34						
115	0.07	0.38	0.88	1.20	0.77	0.31	0.06	0.19	0.86	1.31	0.91	0.34						
120	0.07	0.39	0.93	1.23	0.77	0.31	0.07	0.07	0.87	1.32	0.87	0.33						
125	0.10	0.39	1.02	1.33	0.77	0.31	0.07	0.14	0.90	1.48	0.95	0.33						
130	0.14	0.46	1.25	1.54	0.88	0.34	0.09	0.15	1.02	1.71	1.19	0.36						
135	0.21	0.67	1.59	1.81	1.03	0.40	0.15	0.22	1.21	1.90	1.61	0.55						
140	0.52	1.09	2.03	2.24	1.24	0.53	0.28	0.40	1.58	2.32	2.11	0.95						
145	1.16	1.77	2.49	2.52	1.63	0.74	0.48	0.63	1.93	2.72	2.63	1.66						
150	2.12	2.65	2.89	2.87	2.21	1.10	0.78	1.12	2.25	3.03	3.07	2.56						
155	3.25	3.44	3.16	3.20	2.75	1.70	1.29	1.74	2.80	3.19	3.26	3.38						
160	4.10	3.93	3.37	3.48	3.35	2.57	2.09	2.63	3.45	3.45	3.49	3.82						
165	4.41	3.93	3.64	3.82	3.85	3.48	3.09	3.52	4.06	3.73	3.66	3.86						
170	4.25	3.87	3.93	4.10	4.19	4.15	3.94	4.09	4.23	4.05	4.00	3.80						
175	4.05	4.02	4.17	4.32	4.43	4.46	4.26	4.33	4.36	4.31	4.29	4.08						
180	4.15	4.32	4.33	4.40	4.44	4.43	4.19	4.32	4.34	4.40	4.43	4.40						

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