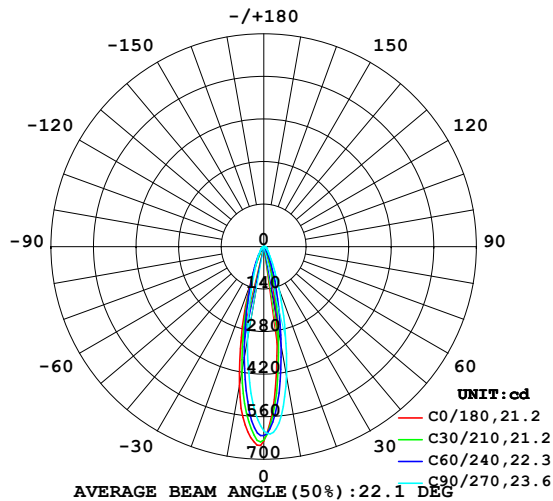


LUMINAIRE PHOTOMETRIC TEST REPORT

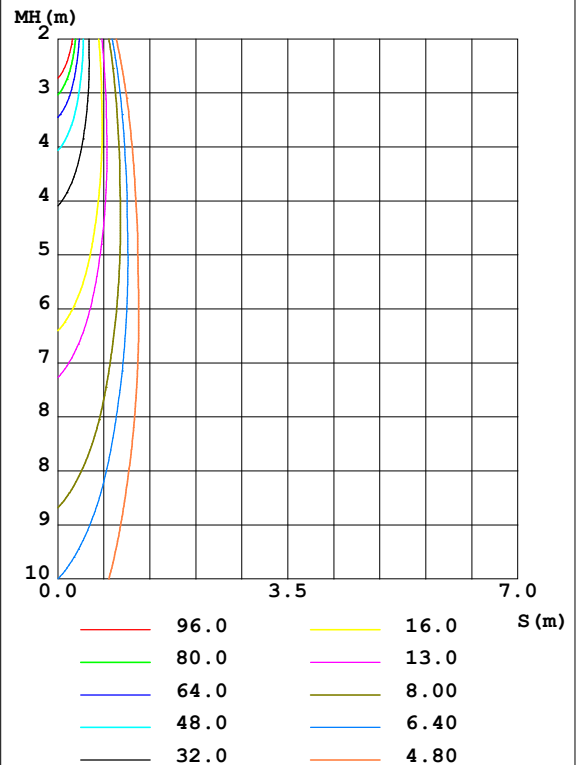
Test:U:219.90V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:146.427x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 22.19 lm/W			
MODEL		Imax(cd)	654.7	S/MH(C0/180)	0.45
NOMINAL POWER(W)	22.3	LOR(%)	100.0	S/MH(C90/270)	0.35
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	146.43	η UP,DN(C0-180)	0.3,53.6
NOMINAL FLUX(lm)	146.427	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,45.8
LAMPS INSIDE	1	η up(%)	0.7	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	η down(%)	99.3	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:2025-08-19

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	238.2	303.6	431.1	513.9	463.4	394.0	310.2	219.0	0- 10	44.79	44.79	30.6,30.6
20	48.22	74.45	146.0	179.3	127.5	120.6	98.05	50.02	10- 20	56.92	101.7	69.5,69.5
30	6.212	18.38	48.46	41.42	26.31	31.66	35.86	10.88	20- 30	25.33	127.0	86.8,86.8
40	1.923	4.953	24.05	11.05	6.029	9.777	18.21	2.695	30- 40	9.795	136.8	93.5,93.5
50	0.6218	1.100	13.67	2.680	1.551	3.096	11.33	0.7520	40- 50	4.409	141.2	96.5,96.5
60	0.3064	0.4487	8.706	0.7419	0.3540	0.9549	7.181	0.3082	50- 60	2.267	143.5	98,98
70	0.1358	0.1707	5.018	0.2146	0.1880	0.3430	3.069	0.1486	60- 70	1.283	144.8	98.9,98.9
80	0.0482	0.0766	1.152	0.0766	0.1050	0.1771	0.6267	0.0765	70- 80	0.5320	145.3	99.3,99.3
90	0.0175	0.0481	0.0656	0.0438	0.0305	0.0897	0.1400	0.0373	80- 90	0.1218	145.5	99.3,99.3
100	0.0131	0.0438	0.0700	0.0372	0.0175	0.0569	0.1050	0.0437	90-100	0.0549	145.5	99.4,99.4
110	0.0131	0.0459	0.0831	0.0372	0.0175	0.0437	0.0875	0.0525	100-110	0.0499	145.6	99.4,99.4
120	0.0131	0.0503	0.0919	0.0394	0.0175	0.0437	0.0831	0.0416	110-120	0.0453	145.6	99.4,99.4
130	0.0131	0.0721	0.1226	0.0437	0.0262	0.0503	0.0831	0.0613	120-130	0.0452	145.6	99.5,99.5
140	0.1091	0.1641	0.1926	0.0831	0.0482	0.0853	0.1574	0.1837	130-140	0.0642	145.7	99.5,99.5
150	0.4676	0.4506	0.4027	0.2580	0.1884	0.2714	0.4153	0.4966	140-150	0.1418	145.9	99.6,99.6
160	0.9052	0.8398	0.7527	0.6452	0.5823	0.6562	0.7391	0.8442	150-160	0.2527	146.1	99.8,99.8
170	0.9625	0.8988	0.8967	0.8967	0.8486	0.8508	0.8836	0.8684	160-170	0.2382	146.3	99.9,99.9
180	0.8486	0.8596	0.8705	0.8792	0.8486	0.8574	0.8749	0.8574	170-180	0.0835	146.4	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:2025-08-19

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:219.90V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:146.427x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



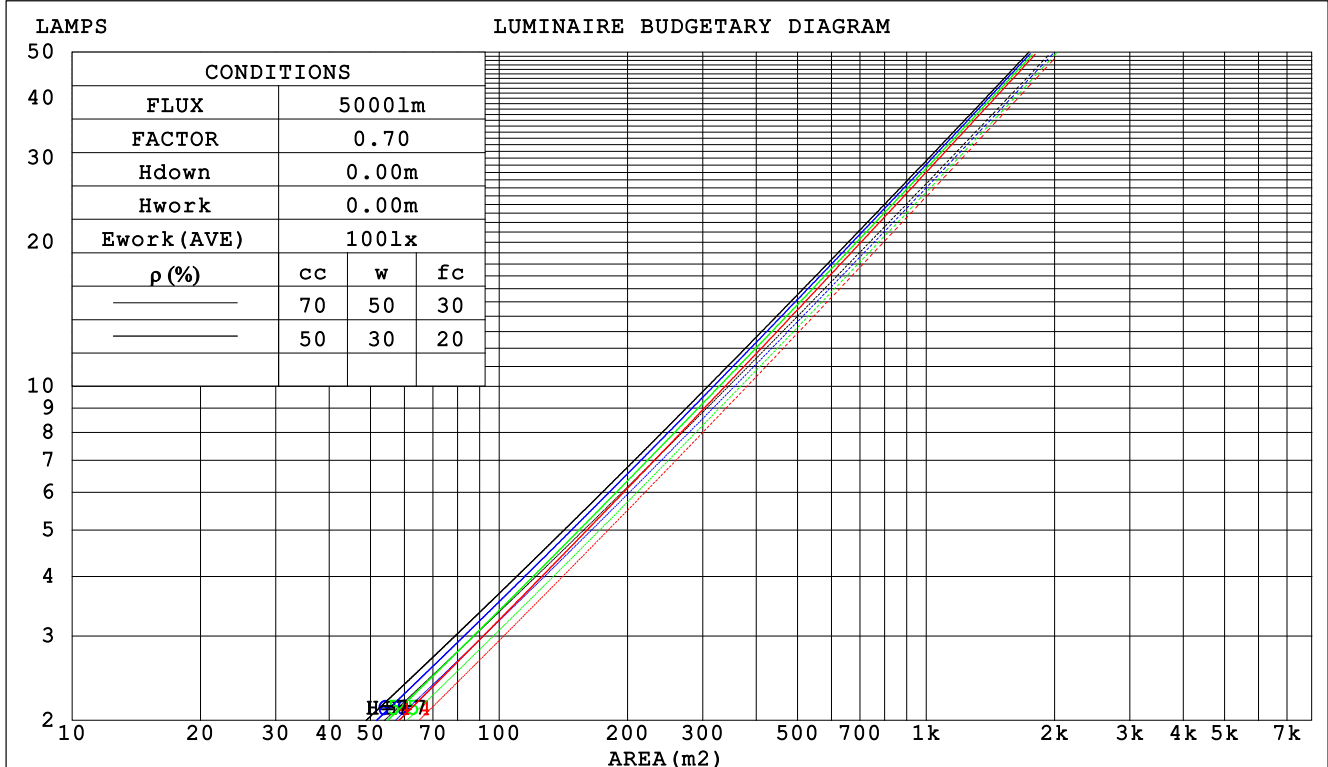
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-19

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:219.90V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:146.427x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20 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	RCR:Room Cavity Ratio						Coefficients of Utilization(CU)									
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	.97	.97	.95
2.0	1.06	1.02	.00	1.04	1.01	.98	1.01	.98	.96	.98	.96	.94	.95	.93	.92	.90
3.0	1.00	.96	.93	.99	.95	.92	.96	.93	.91	.94	.92	.89	.92	.90	.88	.87
4.0	.96	.91	.88	.95	.91	.87	.93	.89	.86	.91	.88	.85	.89	.86	.84	.83
5.0	.92	.87	.84	.91	.86	.83	.89	.85	.82	.87	.84	.82	.86	.83	.81	.80
6.0	.88	.83	.80	.87	.83	.80	.86	.82	.79	.84	.81	.78	.83	.80	.78	.77
7.0	.85	.80	.77	.84	.79	.76	.83	.79	.76	.82	.78	.75	.81	.77	.75	.74
8.0	.82	.77	.74	.81	.77	.73	.80	.76	.73	.79	.75	.73	.78	.75	.73	.71
9.0	.79	.74	.71	.78	.74	.71	.77	.73	.71	.77	.73	.70	.76	.73	.70	.69
10.0	.76	.72	.69	.76	.71	.69	.75	.71	.68	.74	.71	.68	.74	.70	.68	.67



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-19

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:219.90V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:146.427x1 lm					
NAME:Lumino Ground-500mm-RGBW 4000K-20D-REV2			TYPE:RGBW-4000K		WEIGHT:00
SPEC.:20 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	.153	.087	.028	.146	.083	.026	.133	.076	.024	.121	.070	.022	.110	.064	.021		
2.0	.143	.078	.024	.137	.076	.023	.126	.070	.022	.117	.065	.020	.107	.061	.019		
3.0	.134	.071	.021	.129	.069	.021	.120	.065	.020	.112	.061	.019	.104	.057	.018		
4.0	.126	.065	.019	.121	.064	.019	.114	.060	.018	.107	.057	.017	.100	.054	.017		
5.0	.118	.060	.017	.115	.059	.017	.108	.056	.017	.102	.054	.016	.096	.051	.015		
6.0	.112	.056	.016	.109	.055	.016	.103	.053	.015	.098	.051	.015	.093	.049	.014		
7.0	.106	.052	.015	.103	.052	.015	.098	.050	.014	.094	.048	.014	.089	.046	.014		
8.0	.101	.049	.014	.099	.049	.014	.094	.047	.013	.090	.046	.013	.086	.044	.013		
9.0	.096	.047	.013	.094	.046	.013	.090	.045	.013	.087	.043	.012	.083	.042	.012		
10.0	.092	.044	.012	.090	.044	.012	.087	.042	.012	.083	.041	.012	.080	.040	.012		

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	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.175	.163	.152	.149	.140	.131	.102	.096	.090	.059	.056	.053	.019	.018	.017	
2.0	.158	.138	.121	.135	.119	.105	.092	.082	.073	.053	.048	.043	.017	.015	.014	
3.0	.143	.119	.099	.123	.102	.086	.084	.071	.060	.049	.041	.035	.016	.013	.012	
4.0	.132	.103	.082	.113	.089	.071	.078	.062	.050	.045	.036	.030	.014	.012	.010	
5.0	.122	.091	.069	.104	.079	.060	.072	.055	.042	.042	.032	.025	.013	.011	.008	
6.0	.113	.082	.059	.097	.071	.051	.067	.049	.036	.039	.029	.022	.013	.010	.007	
7.0	.106	.074	.051	.091	.064	.045	.063	.045	.032	.036	.026	.019	.012	.009	.006	
8.0	.099	.067	.045	.085	.058	.039	.059	.041	.028	.034	.024	.016	.011	.008	.005	
9.0	.094	.061	.040	.081	.053	.035	.056	.037	.025	.033	.022	.015	.011	.007	.005	
10.0	.089	.057	.035	.077	.049	.031	.053	.035	.022	.031	.021	.013	.010	.007	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-19

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:219.90V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:146.427x1 lm										
NAME:Lumino Ground-500mm-RGBW 4000K-20D-REV2					TYPE:RGBW-4000K			WEIGHT:00		
SPEC.:20 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	-14.5	-13.8	-14.3	-13.6	-13.4	0.4	1.2	0.6	1.3	1.5
3H	-14.5	-13.8	-14.2	-13.6	-13.4	1.9	2.6	2.2	2.8	3.0
4H	-14.5	-13.8	-14.2	-13.6	-13.4	2.4	3.1	2.7	3.3	3.5
6H	-14.5	-13.9	-14.2	-13.6	-13.4	2.6	3.3	2.9	3.5	3.8
8H	-14.5	-13.9	-14.2	-13.7	-13.4	2.7	3.2	3.0	3.5	3.8
12H	-14.5	-13.9	-14.2	-13.7	-13.4	2.6	3.2	2.9	3.5	3.8
4H 2H	-13.7	-13.1	-13.4	-12.8	-12.6	0.2	0.8	0.5	1.1	1.3
3H	-13.7	-13.1	-13.4	-12.9	-12.6	1.7	2.2	2.0	2.5	2.8
4H	-13.7	-13.2	-13.4	-12.9	-12.6	2.2	2.7	2.6	3.0	3.4
6H	-13.7	-13.3	-13.4	-12.9	-12.6	2.5	3.0	2.9	3.3	3.7
8H	-13.8	-13.3	-13.4	-13.0	-12.6	2.5	2.9	2.9	3.3	3.7
12H	-13.8	-13.4	-13.4	-13.0	-12.6	2.5	2.9	2.9	3.3	3.7
8H 4H	-13.2	-12.7	-12.8	-12.4	-12.0	2.1	2.5	2.5	2.9	3.2
6H	-13.2	-12.9	-12.8	-12.4	-12.0	2.3	2.7	2.8	3.1	3.5
8H	-13.2	-12.9	-12.8	-12.5	-12.0	2.4	2.7	2.8	3.1	3.6
12H	-13.2	-12.9	-12.7	-12.5	-12.0	2.3	2.6	2.8	3.1	3.6
12H 4H	-13.1	-12.7	-12.7	-12.3	-11.9	2.0	2.4	2.4	2.8	3.2
6H	-13.1	-12.8	-12.6	-12.3	-11.9	2.3	2.6	2.7	3.0	3.5
8H	-13.1	-12.8	-12.6	-12.4	-11.9	2.3	2.6	2.8	3.0	3.5
Variations with the observer position at spacings:										
S = 1.0H	+ 1.8 / - 3.2					+ 1.8 / - 1.2				
1.5H	+ 2.8 / - 2.7					+ 3.1 / - 3.2				
2.0H	+ 2.4 / - 2.8					+ 4.2 / - 5.1				

CIE Pub.117, 146.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.7)
Area: 0.8 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-19

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:219.90V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:146.427x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

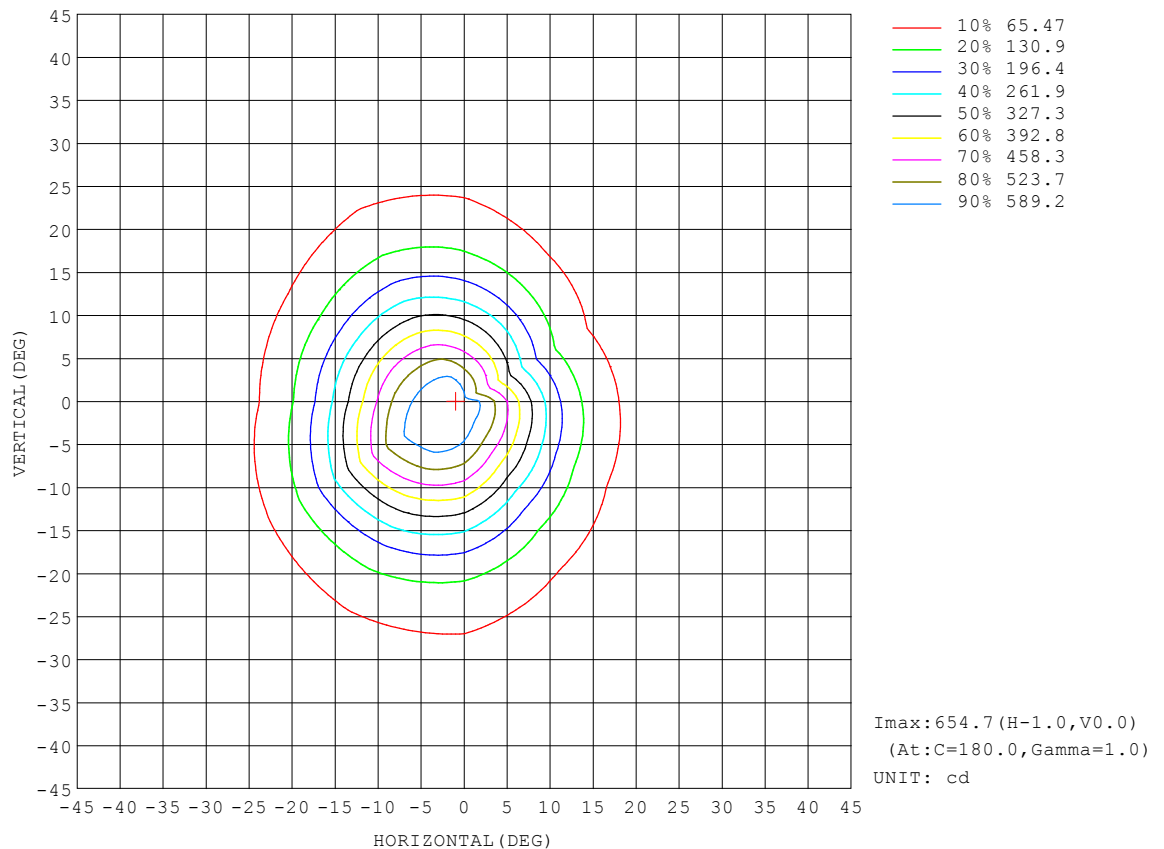
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	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	112	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:2025-08-19

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:219.90V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:146.427x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

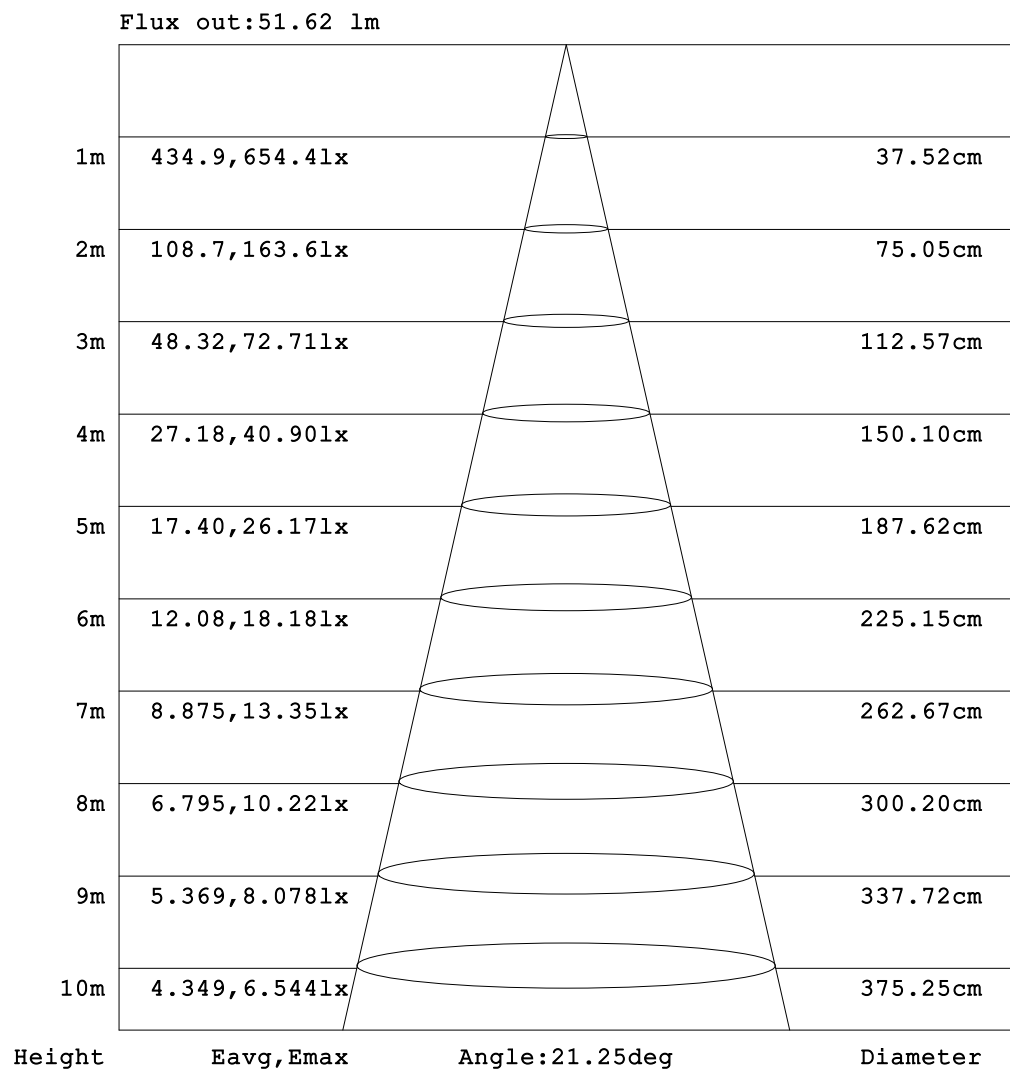


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-19

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:219.90V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:146.427x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



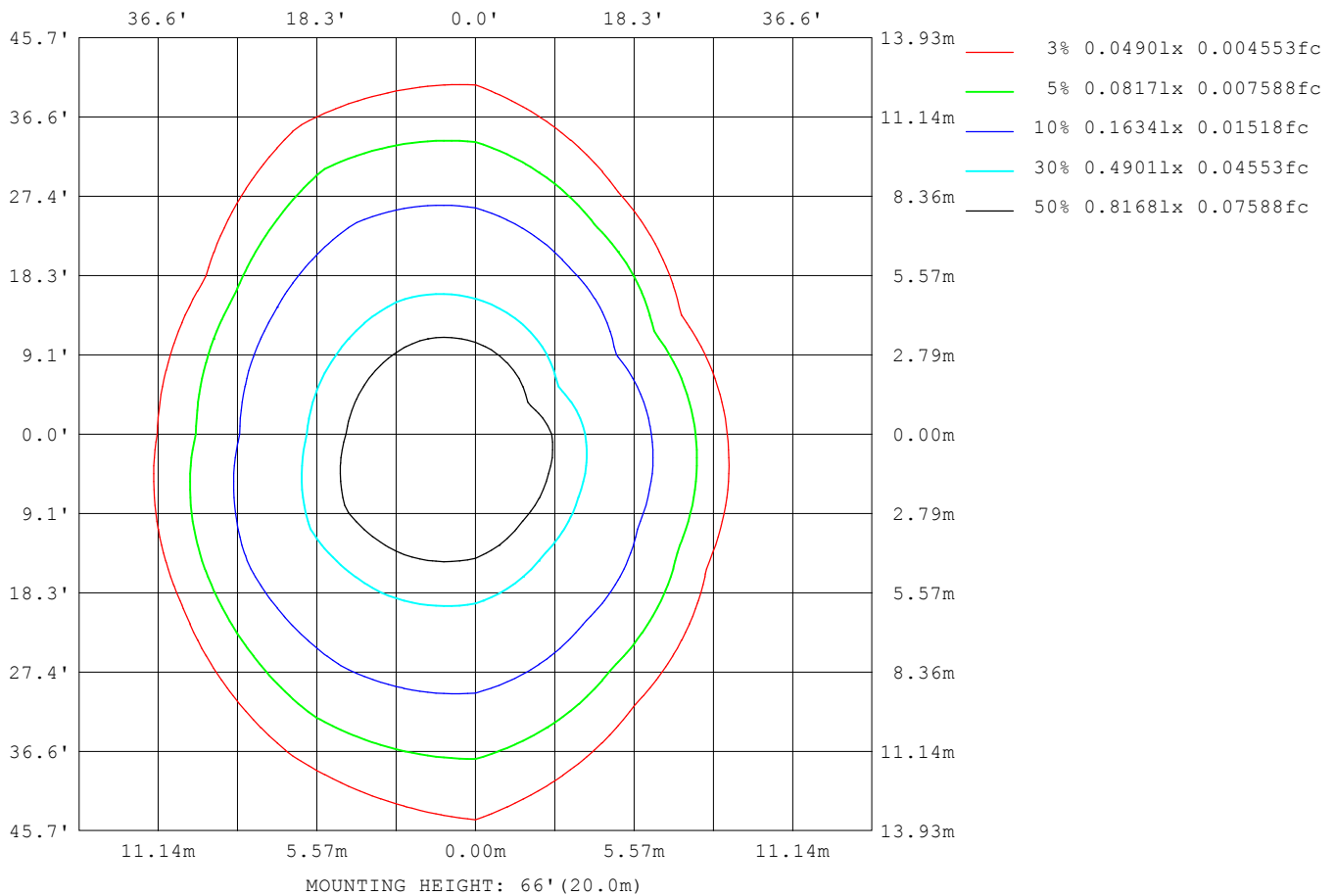
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-19

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:219.90V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:146.427x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20 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:2025-08-19

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:219.90V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:146.427x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

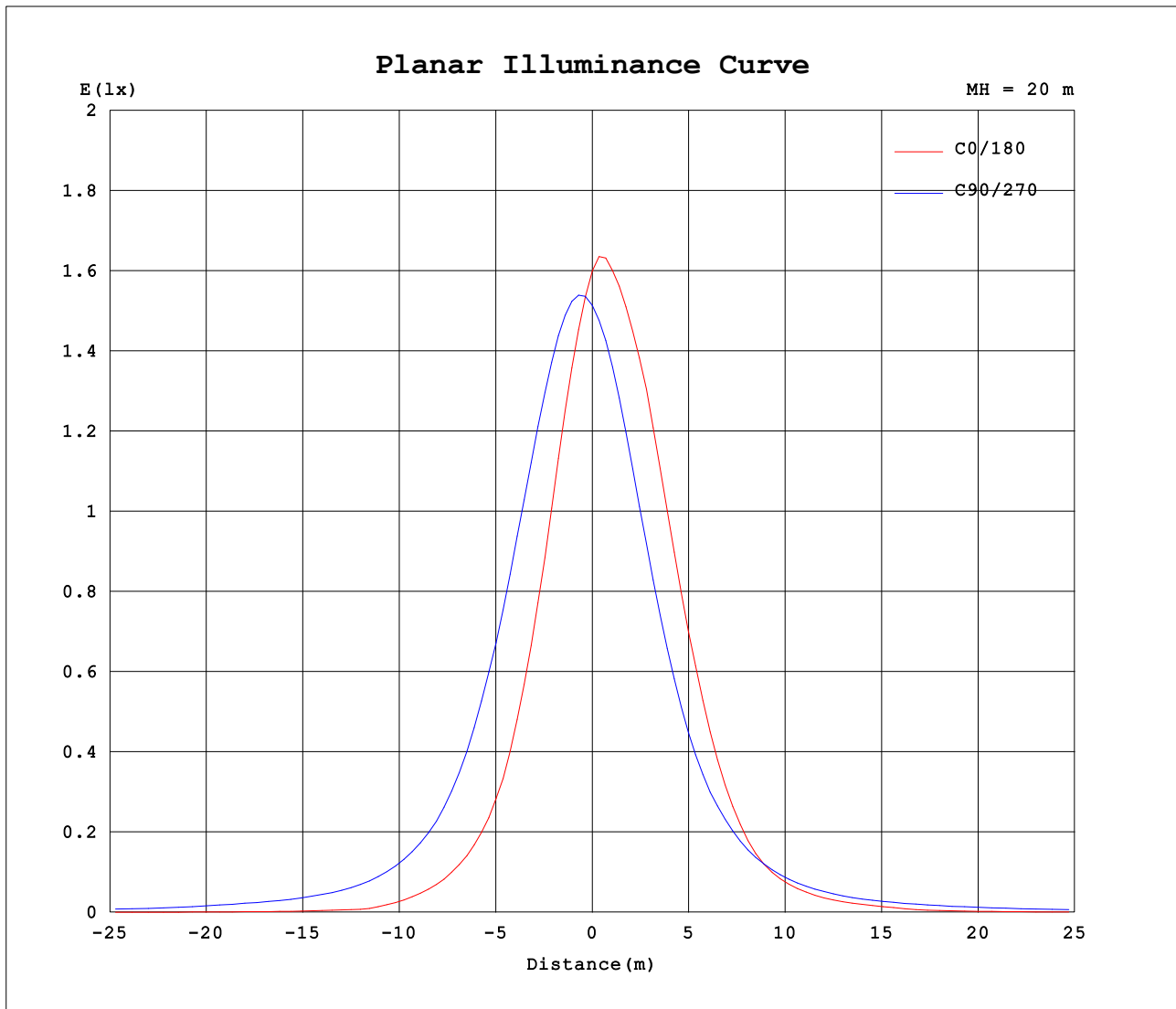
AvgL	cd/m2
L_0~180 (65) av	1
L_0~180 (75) av	1
L_0~180 (85) av	1
L_90~270 (65) av	18
L_90~270 (75) av	11
L_90~270 (85) av	3
L_45 (65) av	0
L_45 (75) av	0
L_45 (85) av	1

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
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Test Speed: HIGH
Temperature:20DEG
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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:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: 01
Test Date: 2025-08-19

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:219.90V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:146.427x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20 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	640	636	622	606	594	579	640	636	622	606	594	579						
5	458	485	519	582	629	643	611	578	546	484	434	375						
10	238	275	332	431	491	537	463	417	371	310	251	187						
15	105	127	178	266	317	350	273	240	220	174	127	82.5						
20	48.2	58.1	90.8	146	174	185	128	120	121	98.0	61.8	38.3						
25	20.9	26.8	47.1	81.3	90.4	82.2	53.6	53.5	67.6	57.0	32.0	16.2						
30	6.21	10.9	25.9	48.5	48.0	34.8	26.3	24.0	39.3	35.9	17.0	4.78						
35	3.26	3.19	14.8	32.5	26.1	16.1	14.4	11.0	23.2	24.4	8.64	2.22						
40	1.92	1.73	8.17	24.1	14.1	7.98	6.03	5.58	14.0	18.2	4.11	1.28						
45	1.00	0.99	4.20	18.7	7.60	3.36	2.97	2.40	8.55	14.3	1.64	0.74						
50	0.62	0.51	1.69	13.7	3.71	1.65	1.55	1.31	4.88	11.3	1.08	0.43						
55	0.43	0.31	1.07	10.7	2.10	0.83	0.59	0.72	2.67	9.18	0.68	0.29						
60	0.31	0.21	0.69	8.71	1.15	0.34	0.35	0.39	1.52	7.18	0.41	0.21						
65	0.21	0.14	0.40	6.98	0.66	0.19	0.25	0.28	0.90	5.10	0.26	0.15						
70	0.14	0.09	0.25	5.02	0.32	0.11	0.19	0.23	0.46	3.07	0.17	0.12						
75	0.08	0.05	0.18	2.83	0.18	0.06	0.15	0.20	0.24	1.68	0.12	0.09						
80	0.05	0.03	0.12	1.15	0.12	0.03	0.10	0.18	0.18	0.63	0.08	0.07						
85	0.03	0.03	0.09	0.21	0.08	0.03	0.07	0.14	0.13	0.21	0.04	0.07						
90	0.02	0.03	0.07	0.07	0.06	0.03	0.03	0.10	0.08	0.14	0.04	0.03						
95	0.01	0.03	0.06	0.07	0.05	0.03	0.02	0.08	0.06	0.12	0.04	0.03						
100	0.01	0.03	0.06	0.07	0.05	0.03	0.02	0.06	0.05	0.10	0.04	0.04						
105	0.01	0.03	0.06	0.08	0.05	0.03	0.02	0.04	0.05	0.10	0.04	0.05						
110	0.01	0.04	0.06	0.08	0.05	0.03	0.02	0.03	0.05	0.09	0.05	0.06						
115	0.01	0.04	0.06	0.09	0.05	0.03	0.02	0.03	0.05	0.08	0.05	0.03						
120	0.01	0.04	0.06	0.09	0.05	0.03	0.02	0.02	0.07	0.08	0.06	0.02						
125	0.01	0.05	0.06	0.11	0.05	0.03	0.02	0.02	0.07	0.08	0.08	0.02						
130	0.01	0.07	0.07	0.12	0.05	0.04	0.03	0.02	0.08	0.08	0.10	0.02						
135	0.03	0.11	0.10	0.14	0.06	0.05	0.03	0.02	0.11	0.10	0.14	0.05						
140	0.11	0.17	0.16	0.19	0.09	0.08	0.05	0.02	0.15	0.16	0.21	0.15						
145	0.25	0.30	0.26	0.26	0.16	0.13	0.09	0.08	0.22	0.26	0.33	0.28						
150	0.47	0.49	0.41	0.40	0.28	0.24	0.19	0.19	0.35	0.42	0.51	0.48						
155	0.71	0.72	0.61	0.57	0.44	0.41	0.36	0.38	0.53	0.59	0.69	0.69						
160	0.91	0.90	0.78	0.75	0.65	0.64	0.58	0.60	0.71	0.74	0.84	0.84						
165	0.98	0.93	0.88	0.89	0.81	0.83	0.79	0.77	0.85	0.92	0.87	0.88						
170	0.96	0.90	0.90	0.90	0.89	0.91	0.85	0.84	0.86	0.88	0.87	0.86						
175	0.86	0.85	0.90	0.88	0.90	0.89	0.85	0.86	0.86	0.87	0.87	0.84						
180	0.85	0.85	0.87	0.87	0.89	0.87	0.85	0.86	0.86	0.87	0.87	0.84						

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