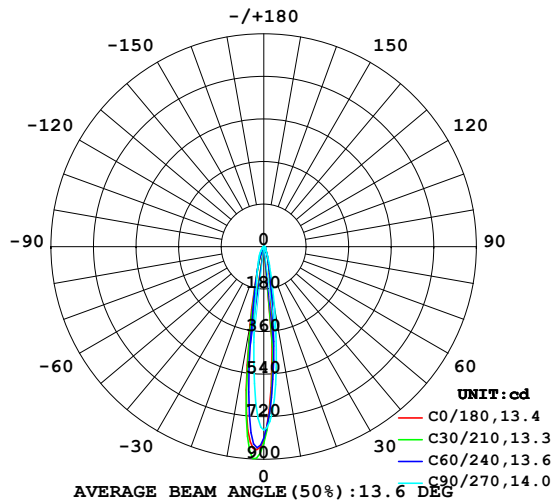


LUMINAIRE PHOTOMETRIC TEST REPORT

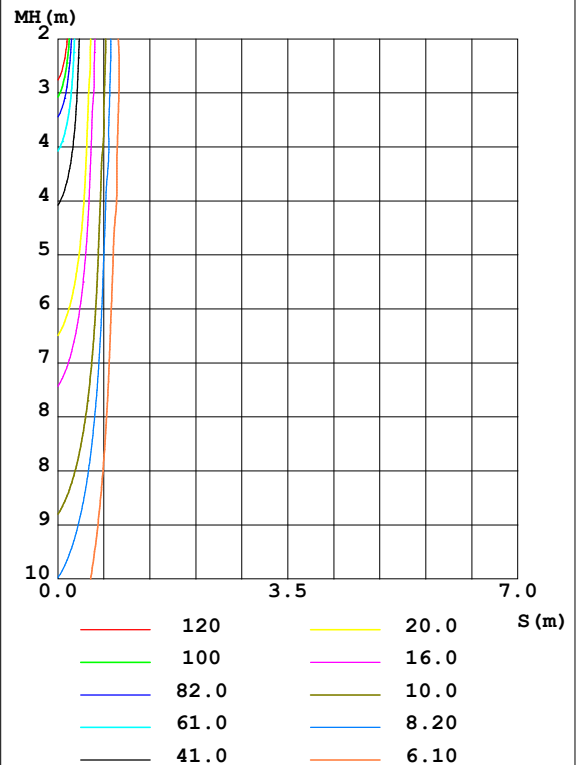
Test:U:219.97V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:100.281x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-13D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 18.57 lm/W
MODEL	34.11	I _{max} (cd)	897.8	S/MH(C0/180)	0.30	
NOMINAL POWER(W)	23.28	LOR(%)	100.0	S/MH(C90/270)	0.22	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	100.28	η UP,DN(C0-180)	0.5,49.9	
NOMINAL FLUX(lm)	100.281	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,49.2	
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:2025-08-12

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	150.7	173.6	266.3	402.3	338.2	288.7	194.8	137.5	0- 10	43.00	43.00	42.9,42.9
20	48.40	47.02	57.81	61.34	44.88	50.32	68.11	53.02	10- 20	30.95	73.94	73.7,73.7
30	20.60	17.21	18.50	12.57	8.657	11.98	31.74	25.68	20- 30	14.33	88.27	88,88
40	5.385	6.749	7.282	3.085	1.913	2.753	13.56	9.654	30- 40	6.761	95.04	94.8,94.8
50	0.7634	2.120	3.196	1.076	0.4849	0.9622	4.547	2.802	40- 50	2.743	97.78	97.5,97.5
60	0.2101	0.6546	1.521	0.4572	0.1704	0.4044	1.388	0.6333	50- 60	1.010	98.79	98.5,98.5
70	0.0875	0.1378	0.5766	0.2189	0.1225	0.1596	0.4597	0.1334	60- 70	0.3752	99.16	98.9,98.9
80	0.0394	0.0678	0.1049	0.1684	0.1401	0.0787	0.1575	0.0700	70- 80	0.1499	99.31	99,99
90	0.0087	0.0482	0.0831	0.1751	0.1618	0.0547	0.1007	0.0525	80- 90	0.1002	99.41	99.1,99.1
100	0.0087	0.0459	0.0831	0.1706	0.1618	0.0547	0.0962	0.0525	90-100	0.0915	99.51	99.2,99.2
110	0.0087	0.0459	0.0831	0.1552	0.1137	0.0525	0.0919	0.0525	100-110	0.0850	99.59	99.3,99.3
120	0.0087	0.0503	0.0875	0.1093	0.0656	0.0525	0.0875	0.0525	110-120	0.0690	99.66	99.4,99.4
130	0.0087	0.0503	0.1137	0.1028	0.0657	0.0634	0.0875	0.0568	120-130	0.0586	99.72	99.4,99.4
140	0.0217	0.0831	0.1489	0.1356	0.1050	0.0744	0.0875	0.0722	130-140	0.0585	99.78	99.5,99.5
150	0.2445	0.2844	0.3021	0.2428	0.1927	0.1707	0.1967	0.2450	140-150	0.0892	99.87	99.6,99.6
160	0.6471	0.6473	0.6345	0.5730	0.5123	0.5009	0.5203	0.6057	150-160	0.1824	100.0	99.8,99.8
170	0.6303	0.6058	0.6210	0.6911	0.6516	0.6211	0.5993	0.5468	160-170	0.1794	100.2	99.9,99.9
180	0.4637	0.4768	0.4855	0.4965	0.4768	0.4855	0.4899	0.4834	170-180	0.0536	100.3	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:2025-08-12

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:219.97V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:100.281x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-13D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	1
80	0	1
75	0	1
70	0	2
65	0	3
60	1	4
55	1	5
50	1	6
45	4	8

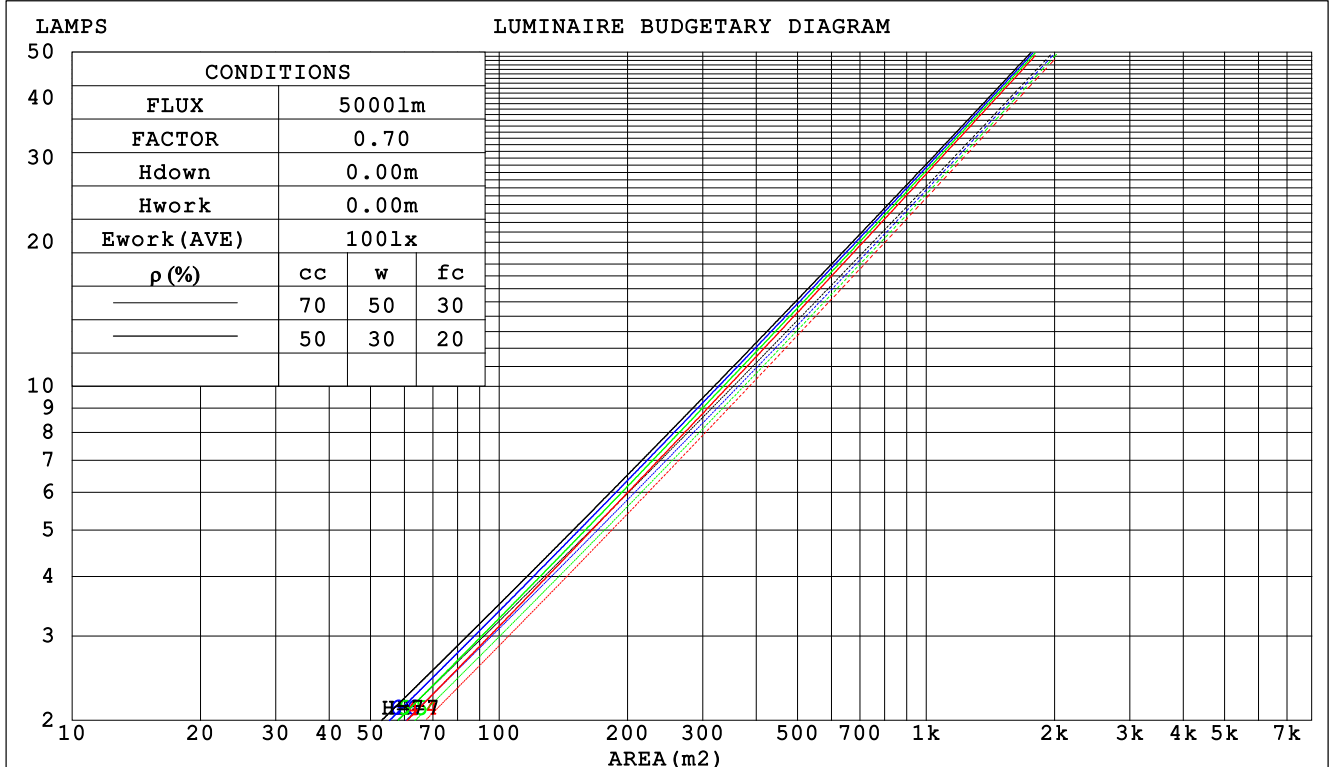
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-12

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:219.97V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:100.281x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-13D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:13 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	1.09	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.07	1.04	1.01	1.05	1.02	1.00	1.02	.00	.98	.99	.97	.96	.96	.95	.94	.92
3.0	1.02	.98	.95	1.01	.97	.95	.98	.95	.93	.96	.93	.92	.94	.92	.90	.89
4.0	.98	.94	.91	.97	.93	.90	.95	.92	.89	.93	.90	.88	.91	.89	.87	.86
5.0	.94	.90	.87	.93	.90	.87	.92	.88	.86	.90	.87	.85	.89	.86	.84	.83
6.0	.91	.87	.84	.90	.86	.83	.89	.85	.83	.88	.85	.82	.86	.84	.82	.81
7.0	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.84	.81	.79	.78
8.0	.85	.81	.78	.85	.81	.78	.84	.80	.78	.83	.80	.78	.82	.79	.77	.76
9.0	.83	.79	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.74
10.0	.81	.77	.74	.80	.77	.74	.80	.76	.74	.79	.76	.74	.78	.75	.73	.72



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-12

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:219.97V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:100.281x1 lm					
NAME:LuminoFlex Ground-500mm-RGBW RED-13D-REV2			TYPE:RGBW-RED		WEIGHT:00
SPEC.:13 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	.141	.080	.025	.135	.077	.024	.122	.070	.022	.110	.063	.020	.099	.057	.018	
2.0	.131	.072	.022	.126	.069	.021	.115	.064	.020	.105	.059	.018	.096	.054	.017	
3.0	.122	.065	.020	.118	.063	.019	.109	.059	.018	.100	.055	.017	.093	.051	.016	
4.0	.115	.060	.018	.111	.058	.017	.103	.055	.016	.096	.051	.016	.089	.048	.015	
5.0	.108	.055	.016	.104	.054	.016	.098	.051	.015	.092	.048	.014	.086	.046	.014	
6.0	.102	.051	.015	.099	.050	.014	.093	.048	.014	.088	.046	.013	.083	.044	.013	
7.0	.096	.048	.013	.094	.047	.013	.089	.045	.013	.084	.043	.013	.080	.041	.012	
8.0	.091	.045	.013	.089	.044	.012	.085	.042	.012	.081	.041	.012	.077	.039	.011	
9.0	.087	.042	.012	.085	.041	.012	.081	.040	.011	.077	.039	.011	.074	.038	.011	
10.0	.083	.040	.011	.081	.039	.011	.078	.038	.011	.074	.037	.011	.071	.036	.010	

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	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.175	.164	.154	.150	.141	.133	.103	.097	.092	.059	.056	.053	.019	.018	.017	
2.0	.158	.139	.124	.135	.120	.107	.092	.083	.075	.053	.048	.044	.017	.016	.014	
3.0	.143	.120	.102	.122	.104	.088	.084	.072	.062	.049	.042	.037	.016	.014	.012	
4.0	.130	.105	.085	.112	.091	.074	.077	.063	.052	.045	.037	.031	.014	.012	.010	
5.0	.120	.092	.072	.103	.080	.063	.071	.056	.044	.041	.033	.026	.013	.011	.009	
6.0	.111	.083	.062	.095	.071	.054	.066	.050	.038	.038	.029	.023	.012	.010	.008	
7.0	.103	.074	.054	.089	.064	.047	.061	.045	.033	.036	.027	.020	.012	.009	.007	
8.0	.097	.068	.048	.083	.059	.041	.058	.041	.029	.034	.024	.018	.011	.008	.006	
9.0	.091	.062	.042	.078	.054	.037	.054	.038	.026	.032	.022	.016	.010	.007	.005	
10.0	.086	.057	.038	.074	.050	.033	.051	.035	.024	.030	.021	.014	.010	.007	.005	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-12

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:219.97V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:100.281x1 lm										
NAME:LuminoFlex Ground-500mm-RGBW RED-13D-REV2					TYPE:RGBW-RED			WEIGHT:00		
SPEC.:13 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	-5.6	-4.9	-5.4	-4.8	-4.6	-3.6	-3.0	-3.4	-2.8	-2.6
3H	-5.7	-5.1	-5.5	-4.9	-4.7	-3.5	-2.9	-3.2	-2.7	-2.5
4H	-5.8	-5.2	-5.5	-5.0	-4.8	-3.5	-2.9	-3.2	-2.7	-2.5
6H	-5.9	-5.3	-5.6	-5.1	-4.8	-3.5	-3.0	-3.3	-2.7	-2.5
8H	-5.9	-5.4	-5.6	-5.1	-4.9	-3.6	-3.0	-3.3	-2.8	-2.5
12H	-6.0	-5.5	-5.7	-5.2	-4.9	-3.6	-3.1	-3.3	-2.8	-2.5
4H 2H	-5.7	-5.1	-5.4	-4.9	-4.6	-3.8	-3.2	-3.5	-3.0	-2.8
3H	-5.8	-5.3	-5.5	-5.0	-4.8	-3.7	-3.2	-3.4	-2.9	-2.6
4H	-5.9	-5.5	-5.6	-5.2	-4.8	-3.7	-3.2	-3.3	-2.9	-2.6
6H	-6.0	-5.6	-5.6	-5.3	-4.9	-3.7	-3.3	-3.3	-3.0	-2.6
8H	-6.1	-5.7	-5.7	-5.3	-4.9	-3.7	-3.4	-3.3	-3.0	-2.6
12H	-6.1	-5.8	-5.7	-5.4	-5.0	-3.8	-3.4	-3.3	-3.0	-2.6
8H 4H	-6.1	-5.7	-5.7	-5.3	-4.9	-3.8	-3.4	-3.4	-3.1	-2.7
6H	-6.2	-5.8	-5.7	-5.4	-5.0	-3.9	-3.5	-3.4	-3.1	-2.7
8H	-6.2	-5.9	-5.8	-5.5	-5.0	-3.9	-3.6	-3.4	-3.2	-2.7
12H	-6.3	-6.0	-5.8	-5.6	-5.1	-3.8	-3.6	-3.4	-3.1	-2.7
12H 4H	-6.1	-5.8	-5.7	-5.4	-5.0	-3.9	-3.5	-3.5	-3.1	-2.7
6H	-6.2	-5.9	-5.8	-5.5	-5.0	-3.9	-3.6	-3.5	-3.2	-2.7
8H	-6.3	-6.0	-5.8	-5.6	-5.1	-3.9	-3.7	-3.4	-3.2	-2.7
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / -10.0					+ 1.6 / - 2.3				
1.5H	+ 4.9 / - 8.8					+ 2.7 / - 2.1				
2.0H	+ 4.9 / - 6.1					+ 3.2 / - 4.2				

CIE Pub.117, 100.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -8.0)
Area: 0.8 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-12

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:219.97V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:100.281x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-13D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

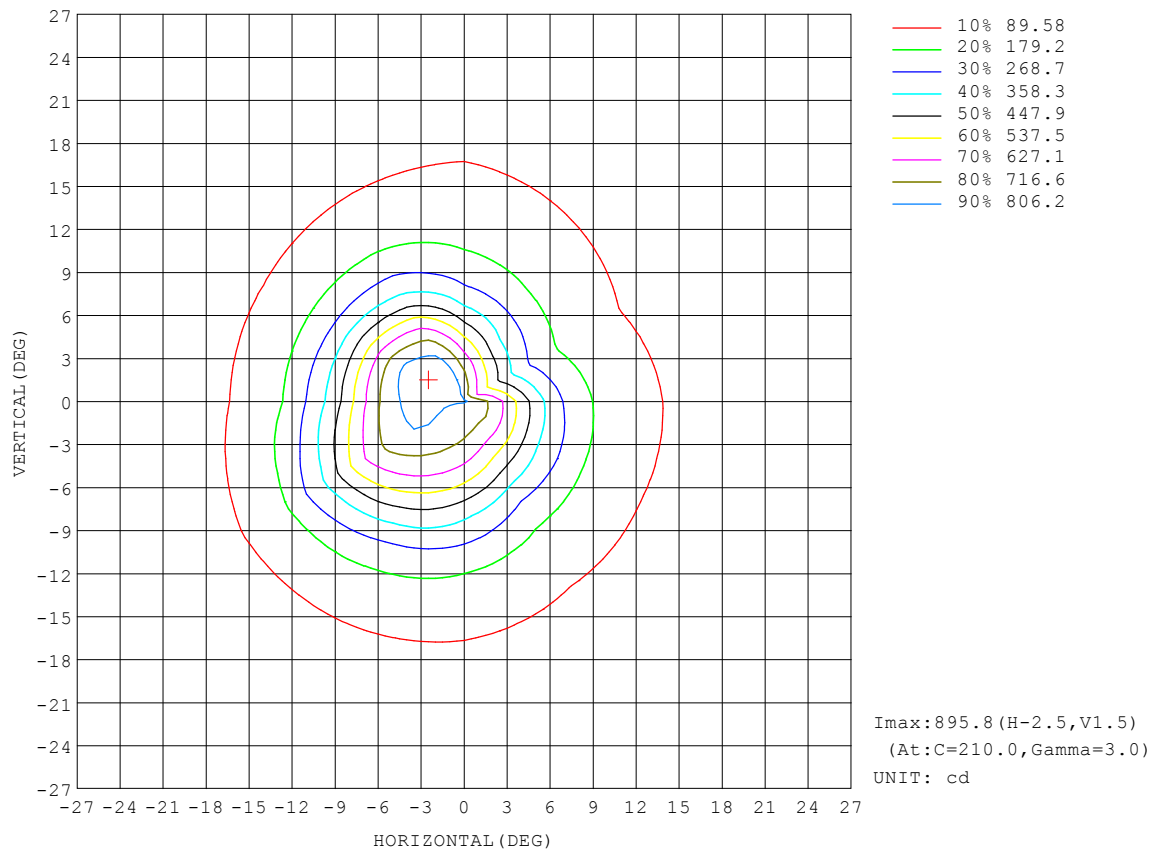
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	88	82	78	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
1.00	100	94	91	99	94	91	97	94	90	86
1.25	104	99	95	102	98	95	100	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	104	101	99	94
2.50	110	107	104	109	105	103	105	103	101	95
3.00	112	108	106	110	107	105	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	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:2025-08-12

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:219.97V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:100.281x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-13D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



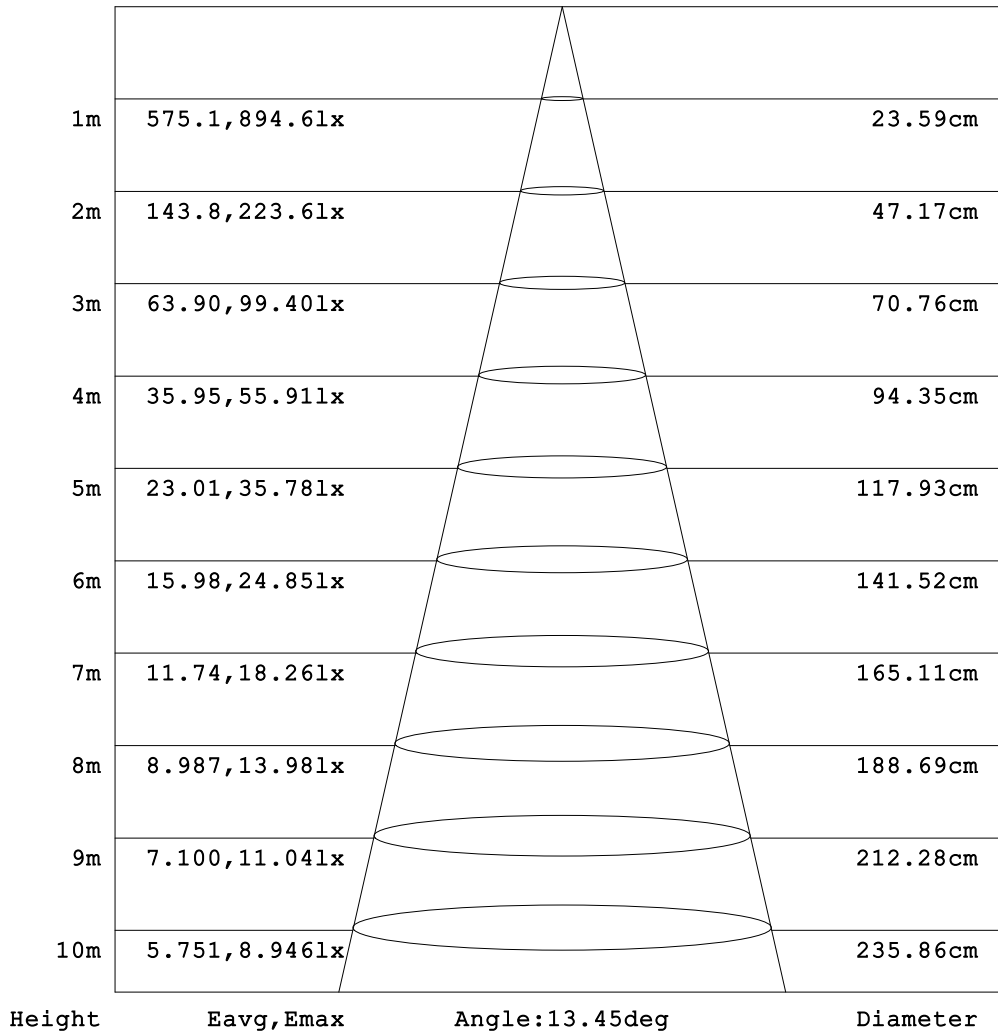
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-12

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:219.97V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:100.281x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-13D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

Flux out:27.24 lm



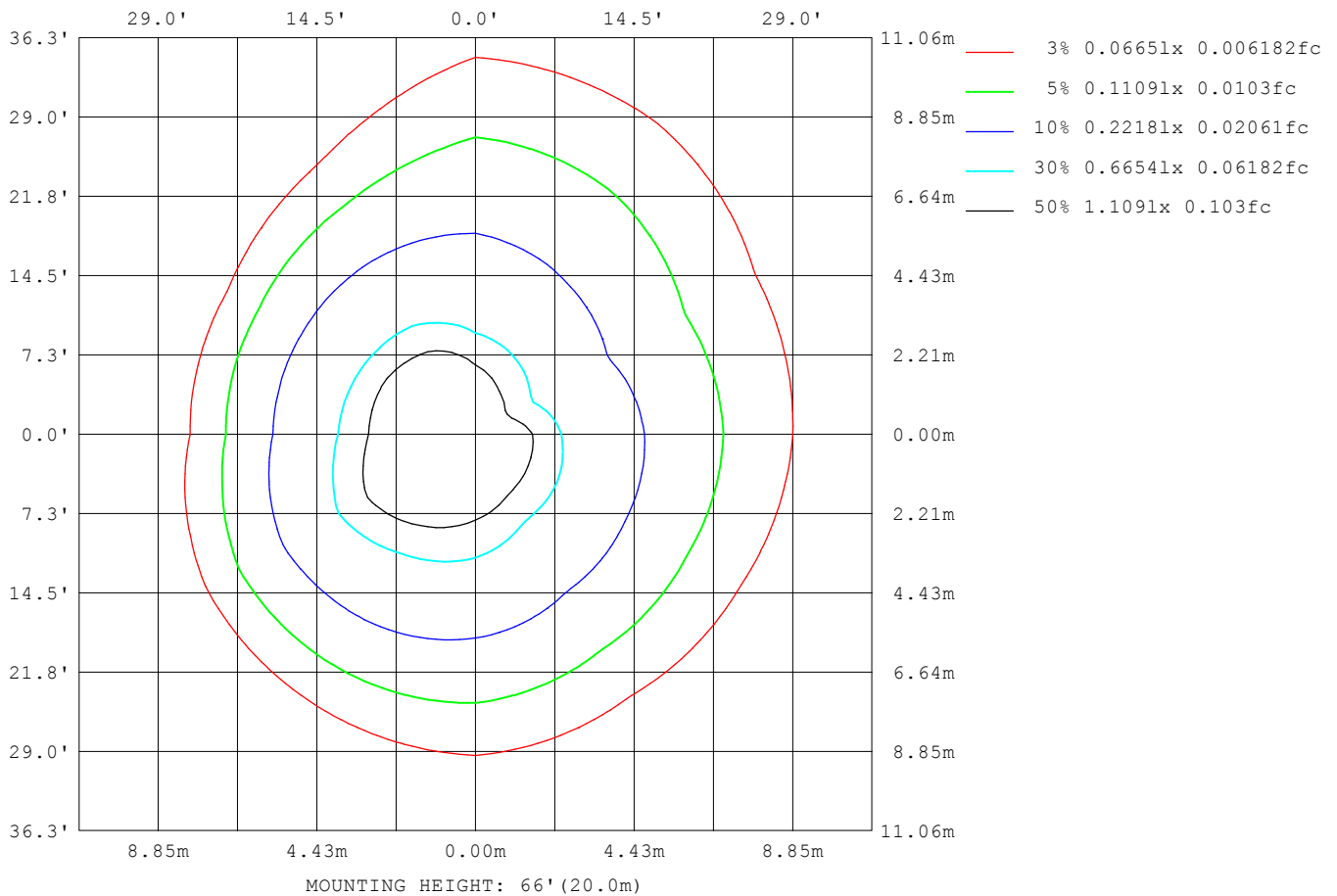
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-12

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:219.97V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:100.281x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-13D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:13 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:2025-08-12

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:219.97V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:100.281x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-13D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

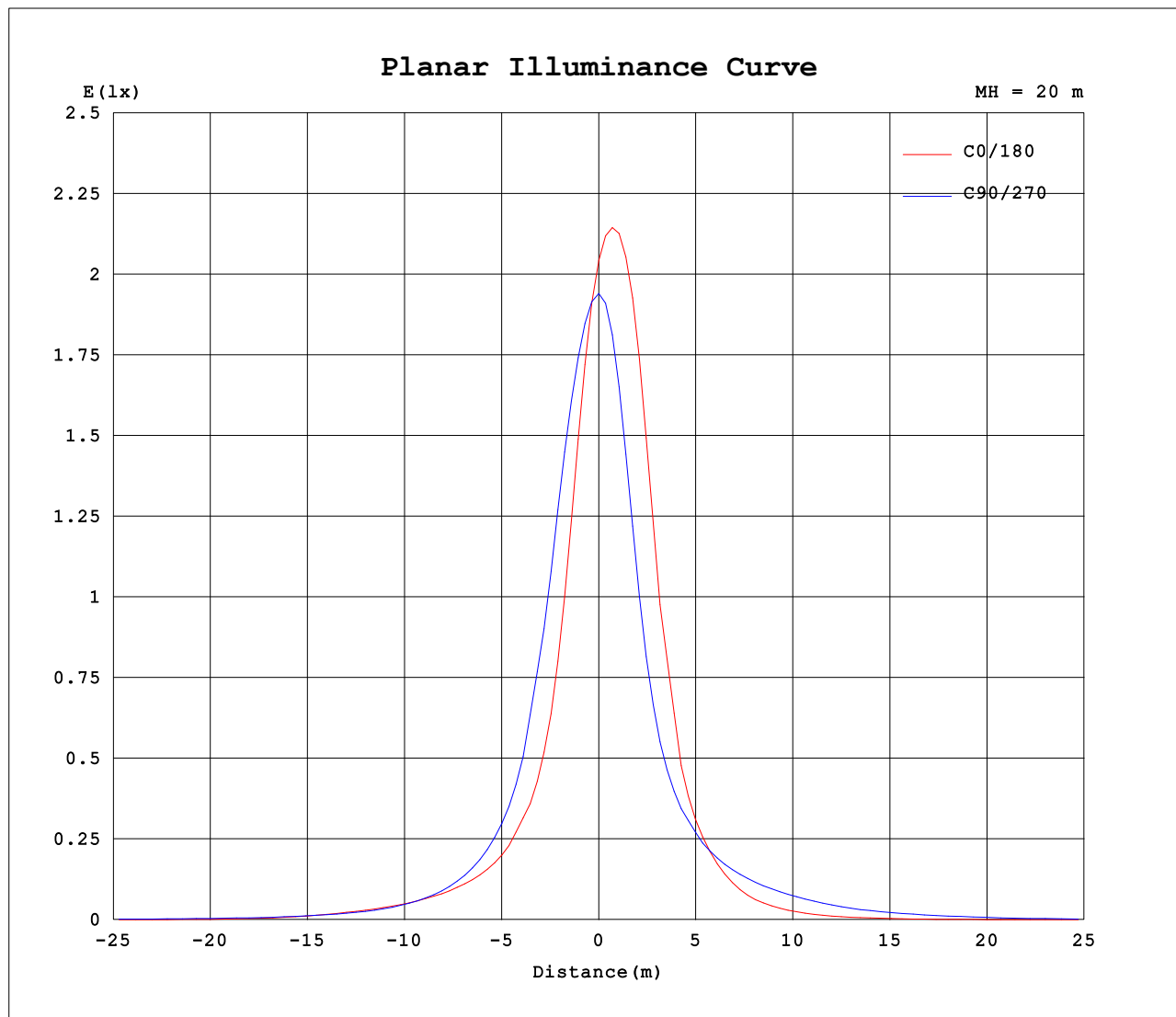
AvgL	cd/m2
L_0~180 (65) av	0
L_0~180 (75) av	0
L_0~180 (85) av	1
L_90~270 (65) av	3
L_90~270 (75) av	1
L_90~270 (85) av	2
L_45 (65) av	1
L_45 (75) av	1
L_45 (85) av	1

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
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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
C Interval: 30.0DEG
Test Speed: HIGH
Temperature: 20DEG
Operators: 01
Test Date: 2025-08-12

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:219.97V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:100.281x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-13D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:13 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	817	832	810	776	736	697	817	832	810	776	736	697						
5	406	438	483	587	682	783	780	805	714	493	355	275						
10	151	164	183	266	344	461	338	305	273	195	153	122						
15	78.3	80.2	88.0	113	132	156	114	113	110	106	87.3	69.6						
20	48.4	46.1	48.0	57.8	60.5	62.2	44.9	46.0	54.7	68.1	59.0	47.1						
25	31.7	28.5	27.5	31.6	28.4	25.6	19.3	18.7	28.8	46.9	42.2	33.1						
30	20.6	18.0	16.5	18.5	13.9	11.2	8.66	8.77	15.2	31.7	29.0	22.4						
35	12.3	11.2	10.4	11.5	6.98	5.24	4.01	4.29	6.79	20.6	18.5	14.3						
40	5.39	6.53	6.97	7.28	3.58	2.60	1.91	2.22	3.28	13.6	11.8	7.47						
45	2.03	3.08	4.61	4.79	2.09	1.39	0.94	1.23	1.90	8.40	7.66	2.75						
50	0.76	1.24	3.00	3.20	1.38	0.77	0.48	0.67	1.25	4.55	4.63	0.97						
55	0.33	0.40	1.91	2.20	0.95	0.43	0.29	0.38	0.84	2.40	2.30	0.38						
60	0.21	0.19	1.12	1.52	0.65	0.27	0.17	0.25	0.56	1.39	1.04	0.23						
65	0.14	0.11	0.48	1.01	0.43	0.17	0.13	0.18	0.34	0.82	0.37	0.15						
70	0.09	0.07	0.21	0.58	0.27	0.17	0.12	0.14	0.18	0.46	0.17	0.10						
75	0.06	0.04	0.14	0.27	0.19	0.17	0.13	0.11	0.11	0.24	0.10	0.07						
80	0.04	0.03	0.11	0.10	0.15	0.19	0.14	0.07	0.08	0.16	0.07	0.07						
85	0.03	0.03	0.09	0.09	0.13	0.21	0.16	0.06	0.05	0.13	0.07	0.05						
90	0.01	0.03	0.07	0.08	0.11	0.24	0.16	0.06	0.05	0.10	0.07	0.03						
95	0.01	0.03	0.07	0.08	0.10	0.24	0.16	0.06	0.05	0.10	0.07	0.03						
100	0.01	0.03	0.06	0.08	0.10	0.24	0.16	0.06	0.05	0.10	0.07	0.03						
105	0.01	0.03	0.06	0.08	0.10	0.24	0.13	0.06	0.05	0.10	0.07	0.03						
110	0.01	0.03	0.06	0.08	0.10	0.21	0.11	0.05	0.05	0.09	0.07	0.03						
115	0.01	0.03	0.06	0.08	0.10	0.16	0.08	0.05	0.05	0.09	0.07	0.03						
120	0.01	0.04	0.06	0.09	0.10	0.12	0.07	0.05	0.06	0.09	0.07	0.03						
125	0.01	0.03	0.06	0.10	0.10	0.10	0.07	0.05	0.06	0.09	0.07	0.03						
130	0.01	0.04	0.06	0.11	0.10	0.11	0.07	0.05	0.08	0.09	0.08	0.03						
135	0.01	0.05	0.06	0.13	0.10	0.12	0.08	0.05	0.08	0.09	0.08	0.03						
140	0.02	0.08	0.08	0.15	0.13	0.14	0.10	0.05	0.10	0.09	0.11	0.03						
145	0.08	0.14	0.14	0.21	0.16	0.18	0.14	0.08	0.14	0.10	0.16	0.09						
150	0.24	0.29	0.28	0.30	0.24	0.24	0.19	0.14	0.21	0.20	0.26	0.23						
155	0.48	0.52	0.46	0.47	0.38	0.38	0.32	0.27	0.35	0.35	0.45	0.44						
160	0.65	0.68	0.61	0.63	0.57	0.58	0.51	0.47	0.53	0.52	0.61	0.60						
165	0.69	0.68	0.66	0.67	0.68	0.71	0.67	0.62	0.61	0.60	0.61	0.63						
170	0.63	0.58	0.63	0.62	0.68	0.70	0.65	0.65	0.59	0.60	0.54	0.55						
175	0.50	0.46	0.54	0.52	0.60	0.58	0.54	0.58	0.51	0.53	0.49	0.48						
180	0.46	0.46	0.49	0.49	0.50	0.49	0.48	0.49	0.49	0.49	0.49	0.48						

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