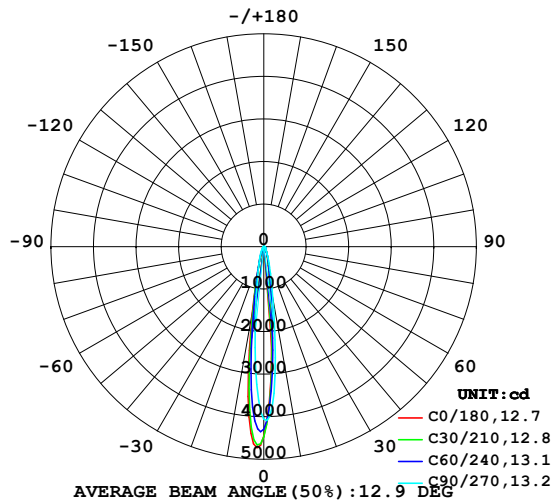


LUMINAIRE PHOTOMETRIC TEST REPORT

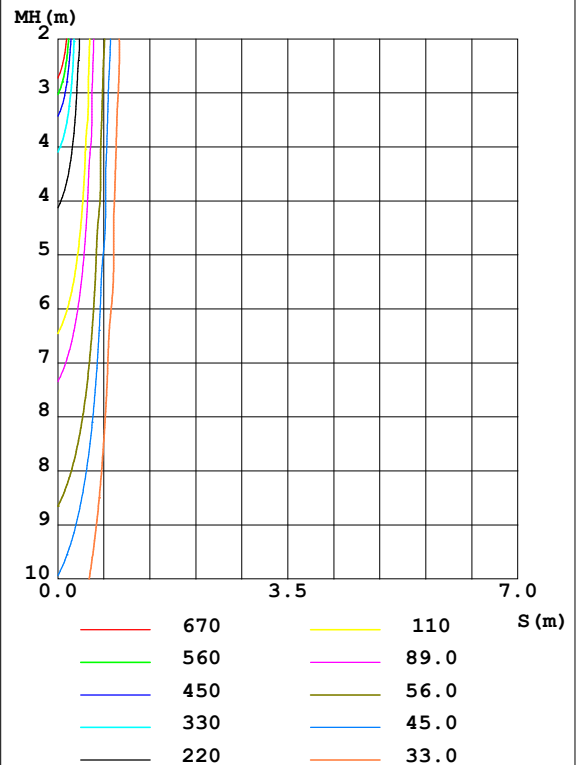
Test:U:220.01V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:497.178x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-13D-REV2	TYPE:RGBW W=3000K	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 27.32 lm/W			
MODEL	34.11	I _{max} (cd)	4731	S/MH(C0/180)	0.28
NOMINAL POWER(W)	23.28	LOR(%)	100.0	S/MH(C90/270)	0.20
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	497.18	η UP,DN(C0-180)	0.4,53.6
NOMINAL FLUX(lm)	497.178	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,45.6
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:2025-08-12

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	797.1	906.0	1243	1996	1528	1328	982.0	666.6	0- 10	218.6	218.6	44,44
20	259.5	270.9	319.5	301.9	194.2	224.6	278.6	237.2	10- 20	149.1	367.7	74,74
30	121.9	116.5	121.3	64.98	40.09	51.16	108.8	105.4	20- 30	70.29	438.0	88.1,88.1
40	30.32	46.06	50.21	16.28	10.27	13.09	44.27	38.94	30- 40	34.00	472.0	94.9,94.9
50	3.877	12.49	18.58	5.861	2.744	4.842	17.18	11.08	40- 50	13.48	485.4	97.6,97.6
60	1.042	3.319	7.273	2.457	1.023	2.094	6.579	3.007	50- 60	4.968	490.4	98.6,98.6
70	0.4160	0.7659	2.674	0.9914	0.4764	0.8459	2.216	0.7061	60- 70	1.863	492.3	99,99
80	0.1795	0.3806	0.6427	0.4880	0.2449	0.3630	0.6957	0.3652	70- 80	0.6880	493.0	99.2,99.2
90	0.0437	0.2275	0.3587	0.3479	0.1793	0.2274	0.4419	0.2340	80- 90	0.3582	493.3	99.2,99.2
100	0.0394	0.2231	0.3587	0.3193	0.1575	0.2144	0.4331	0.2319	90-100	0.2741	493.6	99.3,99.3
110	0.0394	0.2209	0.3587	0.3084	0.1312	0.1794	0.4156	0.2318	100-110	0.2546	493.8	99.3,99.3
120	0.0394	0.2209	0.3762	0.2996	0.1313	0.2035	0.4112	0.2318	110-120	0.2337	494.1	99.4,99.4
130	0.0525	0.2340	0.4331	0.3477	0.1926	0.3018	0.4112	0.2472	120-130	0.2291	494.3	99.4,99.4
140	0.2183	0.4112	0.6259	0.5445	0.3897	0.4791	0.4633	0.4047	130-140	0.2648	494.6	99.5,99.5
150	1.315	1.411	1.384	1.113	0.8716	1.011	1.237	1.313	140-150	0.4541	495.0	99.6,99.6
160	3.402	3.305	3.111	2.876	2.570	2.699	2.877	3.119	150-160	0.9366	496.0	99.8,99.8
170	3.212	3.127	3.241	3.558	3.507	3.333	3.076	2.856	160-170	0.9414	496.9	99.9,99.9
180	2.349	2.428	2.428	2.471	2.388	2.441	2.445	2.445	170-180	0.2757	497.2	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:220.01V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:497.178x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-13D-REV2	TYPE:RGBW W=3000K	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	2	7
80	1	5
75	1	7
70	2	10
65	2	14
60	3	18
55	4	25
50	8	36
45	18	55

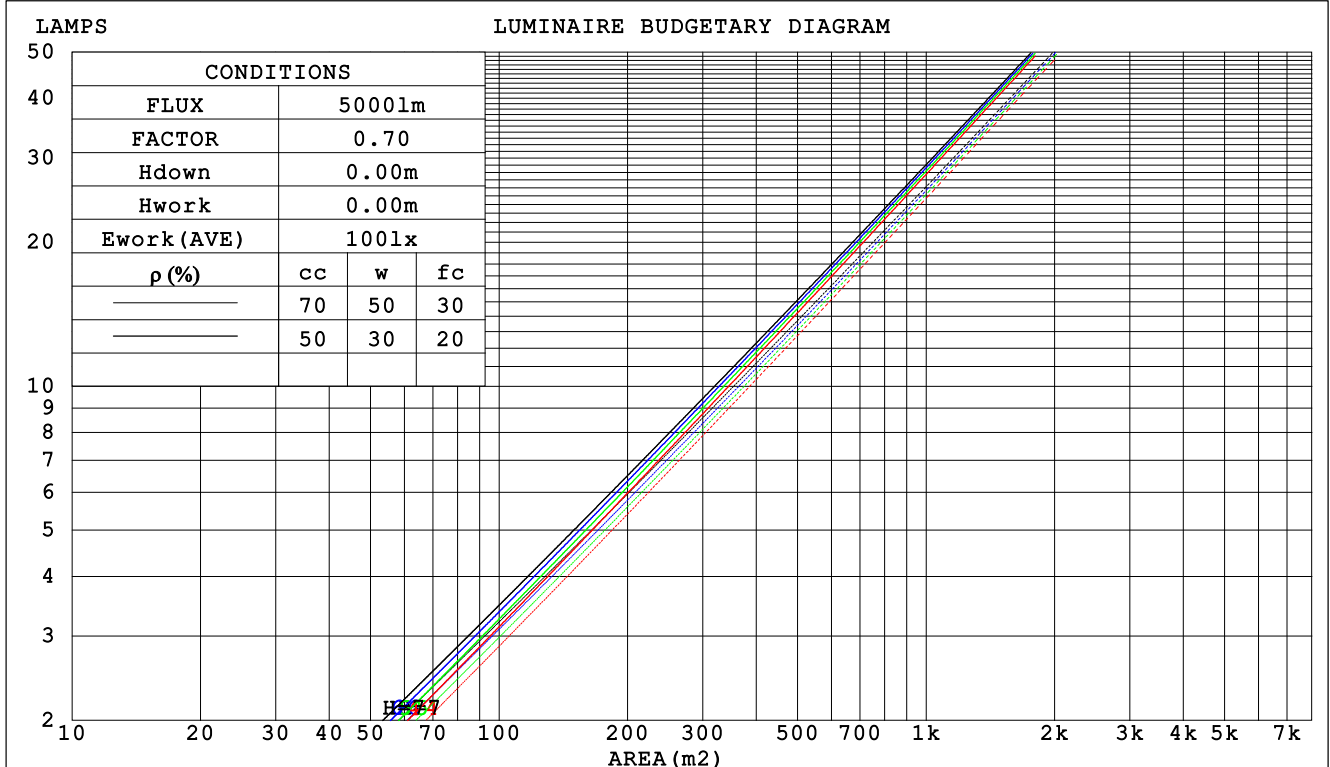
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-12

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:220.01V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:497.178x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-13D-REV2	TYPE:RGBW W=3000K	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	1.13	1.11	1.09	1.10	1.09	1.07	1.06	1.05	1.04	1.02	1.01	1.00	.99	.98	.97	.96
2.0	1.07	1.04	1.01	1.05	1.03	1.00	1.02	.00	.98	.99	.97	.96	.96	.95	.94	.92
3.0	1.02	.99	.96	1.01	.98	.95	.98	.96	.93	.96	.94	.92	.94	.92	.90	.89
4.0	.98	.94	.91	.97	.93	.91	.95	.92	.89	.93	.90	.88	.91	.89	.87	.86
5.0	.95	.90	.87	.94	.90	.87	.92	.89	.86	.90	.88	.85	.89	.86	.85	.83
6.0	.91	.87	.84	.91	.87	.84	.89	.86	.83	.88	.85	.83	.87	.84	.82	.81
7.0	.88	.84	.81	.88	.84	.81	.87	.83	.81	.86	.82	.80	.84	.82	.80	.79
8.0	.86	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.82	.80	.78	.77
9.0	.83	.79	.77	.83	.79	.76	.82	.79	.76	.81	.78	.76	.81	.78	.76	.75
10.0	.81	.77	.75	.81	.77	.74	.80	.77	.74	.79	.76	.74	.79	.76	.74	.73



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:220.01V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:497.178x1 lm					
NAME:LuminoFlex Ground-500mm-RGBW ALL-13D-REV2			TYPE:RGBW W=3000K		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	.140	.080	.025	.133	.076	.024	.121	.069	.022	.109	.063	.020	.098	.057	.018	
2.0	.130	.071	.022	.125	.069	.021	.114	.063	.020	.104	.059	.018	.095	.054	.017	
3.0	.122	.065	.019	.117	.063	.019	.108	.058	.018	.100	.055	.017	.092	.051	.016	
4.0	.114	.059	.017	.110	.057	.017	.102	.054	.016	.095	.051	.015	.089	.048	.015	
5.0	.107	.054	.016	.103	.053	.015	.097	.050	.015	.091	.048	.014	.085	.046	.014	
6.0	.101	.051	.014	.098	.049	.014	.092	.047	.014	.087	.045	.013	.082	.043	.013	
7.0	.095	.047	.013	.093	.046	.013	.088	.044	.013	.083	.043	.012	.079	.041	.012	
8.0	.091	.044	.012	.088	.043	.012	.084	.042	.012	.080	.040	.012	.076	.039	.011	
9.0	.086	.042	.012	.084	.041	.012	.080	.040	.011	.077	.038	.011	.073	.037	.011	
10.0	.082	.039	.011	.080	.039	.011	.077	.038	.011	.074	.037	.010	.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	.196	.196	.196	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.175	.164	.154	.149	.140	.132	.102	.097	.092	.059	.056	.053	.019	.018	.017	
2.0	.157	.139	.124	.134	.119	.107	.092	.083	.074	.053	.048	.044	.017	.016	.014	
3.0	.142	.119	.101	.122	.103	.088	.084	.072	.062	.048	.042	.036	.016	.014	.012	
4.0	.130	.104	.085	.111	.090	.073	.076	.063	.052	.044	.037	.031	.014	.012	.010	
5.0	.119	.092	.072	.102	.079	.062	.070	.055	.044	.041	.033	.026	.013	.011	.009	
6.0	.110	.082	.061	.095	.071	.054	.065	.050	.038	.038	.029	.023	.012	.010	.007	
7.0	.102	.074	.053	.088	.064	.047	.061	.045	.033	.035	.026	.020	.011	.009	.006	
8.0	.096	.067	.047	.083	.058	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006	
9.0	.090	.061	.042	.078	.053	.036	.054	.037	.026	.031	.022	.015	.010	.007	.005	
10.0	.085	.056	.037	.073	.049	.033	.051	.034	.023	.030	.020	.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:220.01V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:497.178x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-13D-REV2	TYPE:RGBW W=3000K	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	-3.9	-3.2	-3.7	-3.1	-2.9	-2.0	-1.4	-1.8	-1.2	-1.0
3H	-4.0	-3.4	-3.8	-3.2	-3.0	-2.0	-1.4	-1.7	-1.2	-1.0
4H	-4.1	-3.5	-3.8	-3.3	-3.1	-2.0	-1.4	-1.8	-1.2	-1.0
6H	-4.2	-3.6	-3.9	-3.4	-3.2	-2.1	-1.5	-1.8	-1.3	-1.0
8H	-4.2	-3.7	-3.9	-3.4	-3.2	-2.1	-1.6	-1.8	-1.3	-1.1
12H	-4.3	-3.8	-4.0	-3.5	-3.2	-2.1	-1.6	-1.8	-1.3	-1.1
4H 2H	-4.0	-3.4	-3.8	-3.2	-3.0	-2.2	-1.6	-1.9	-1.4	-1.2
3H	-4.2	-3.7	-3.9	-3.4	-3.1	-2.2	-1.7	-1.9	-1.4	-1.1
4H	-4.3	-3.8	-3.9	-3.5	-3.2	-2.2	-1.8	-1.9	-1.5	-1.1
6H	-4.4	-3.9	-4.0	-3.6	-3.3	-2.3	-1.9	-1.9	-1.5	-1.2
8H	-4.4	-4.0	-4.0	-3.7	-3.3	-2.3	-1.9	-1.9	-1.6	-1.2
12H	-4.5	-4.1	-4.1	-3.7	-3.3	-2.3	-2.0	-1.9	-1.6	-1.2
8H 4H	-4.4	-4.0	-4.0	-3.7	-3.3	-2.4	-2.0	-2.0	-1.6	-1.3
6H	-4.5	-4.2	-4.1	-3.8	-3.4	-2.4	-2.1	-2.0	-1.7	-1.3
8H	-4.6	-4.3	-4.1	-3.9	-3.4	-2.5	-2.2	-2.0	-1.7	-1.3
12H	-4.6	-4.4	-4.1	-3.9	-3.4	-2.5	-2.2	-2.0	-1.8	-1.3
12H 4H	-4.5	-4.1	-4.1	-3.7	-3.3	-2.4	-2.1	-2.0	-1.7	-1.3
6H	-4.6	-4.3	-4.1	-3.9	-3.4	-2.5	-2.2	-2.0	-1.8	-1.3
8H	-4.6	-4.4	-4.1	-3.9	-3.4	-2.5	-2.3	-2.0	-1.8	-1.3
Variations with the observer position at spacings:										
S = 1.0H	+ 2.7 / -10.7					+ 2.1 / - 3.6				
1.5H	+ 4.8 / - 9.2					+ 3.2 / - 3.0				
2.0H	+ 5.0 / - 5.3					+ 4.1 / - 5.4				

CIE Pub.117, 497.2 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -2.4)
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:220.01V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:497.178x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-13D-REV2	TYPE:RGBW W=3000K	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

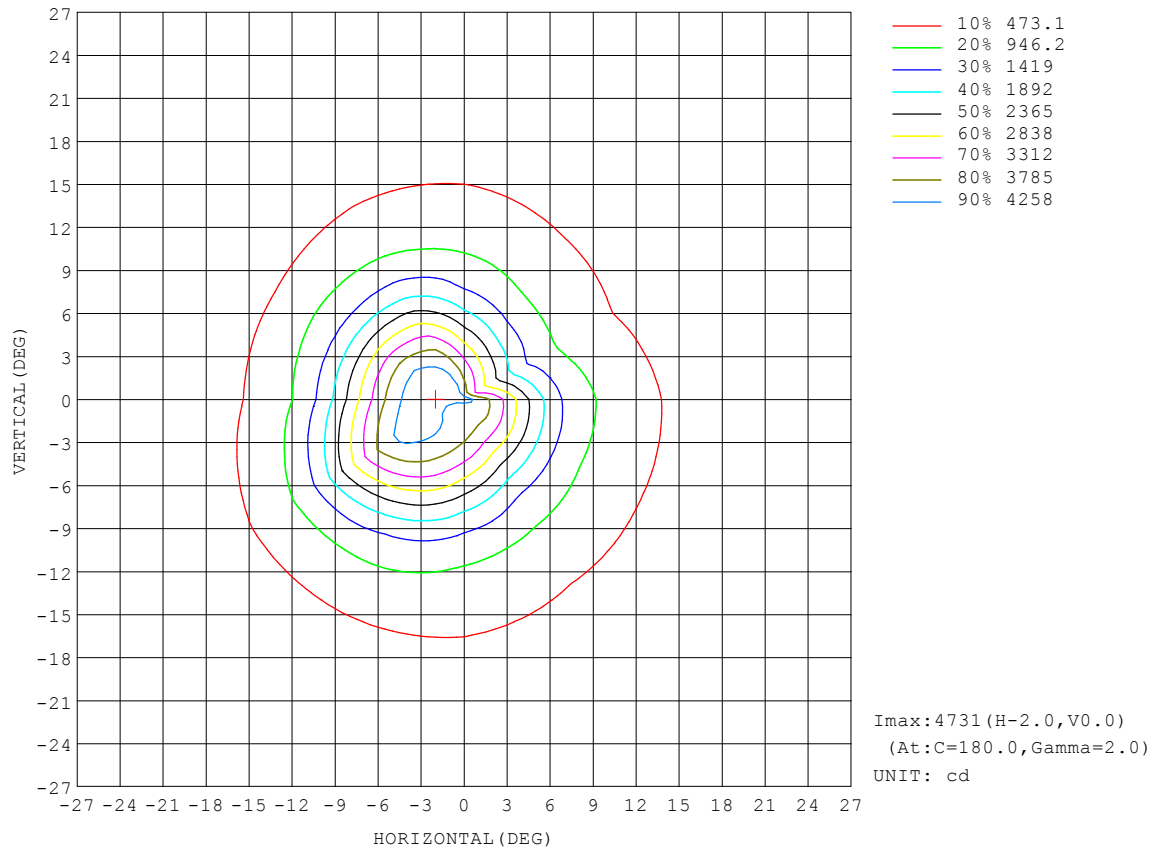
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	79	88	82	79	87	82	78	75
0.80	96	90	86	95	90	86	94	89	86	82
1.00	100	94	91	99	94	91	97	94	90	86
1.25	104	99	95	103	98	95	101	97	94	90
1.50	106	102	98	105	101	98	103	99	97	92
2.00	109	105	102	107	104	101	104	102	99	94
2.50	110	107	104	109	105	103	106	103	101	95
3.00	112	109	106	110	107	105	107	104	102	96
4.00	114	111	109	112	109	108	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:220.01V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:497.178x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-13D-REV2	TYPE:RGBW W=3000K	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

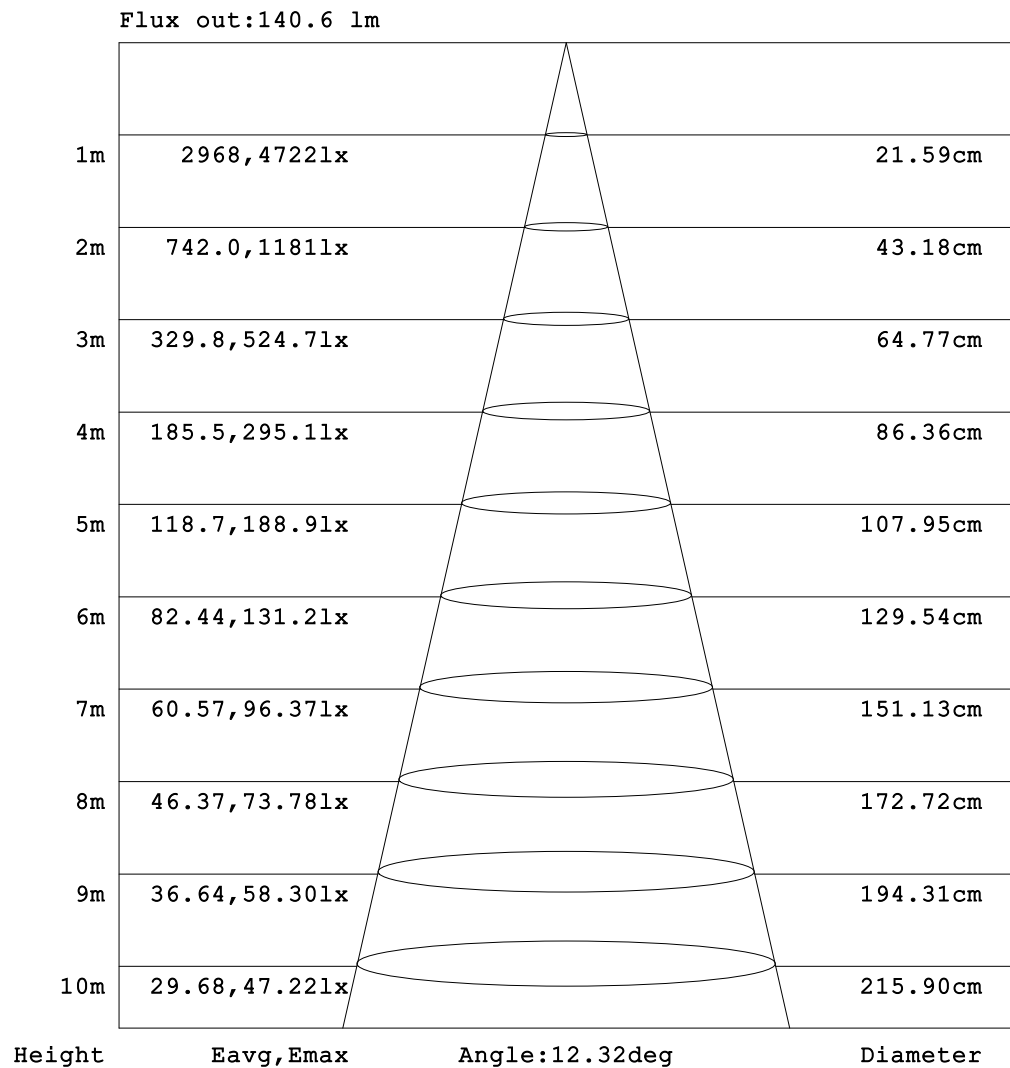


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-12

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:220.01V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:497.178x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-13D-REV2	TYPE:RGBW W=3000K	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



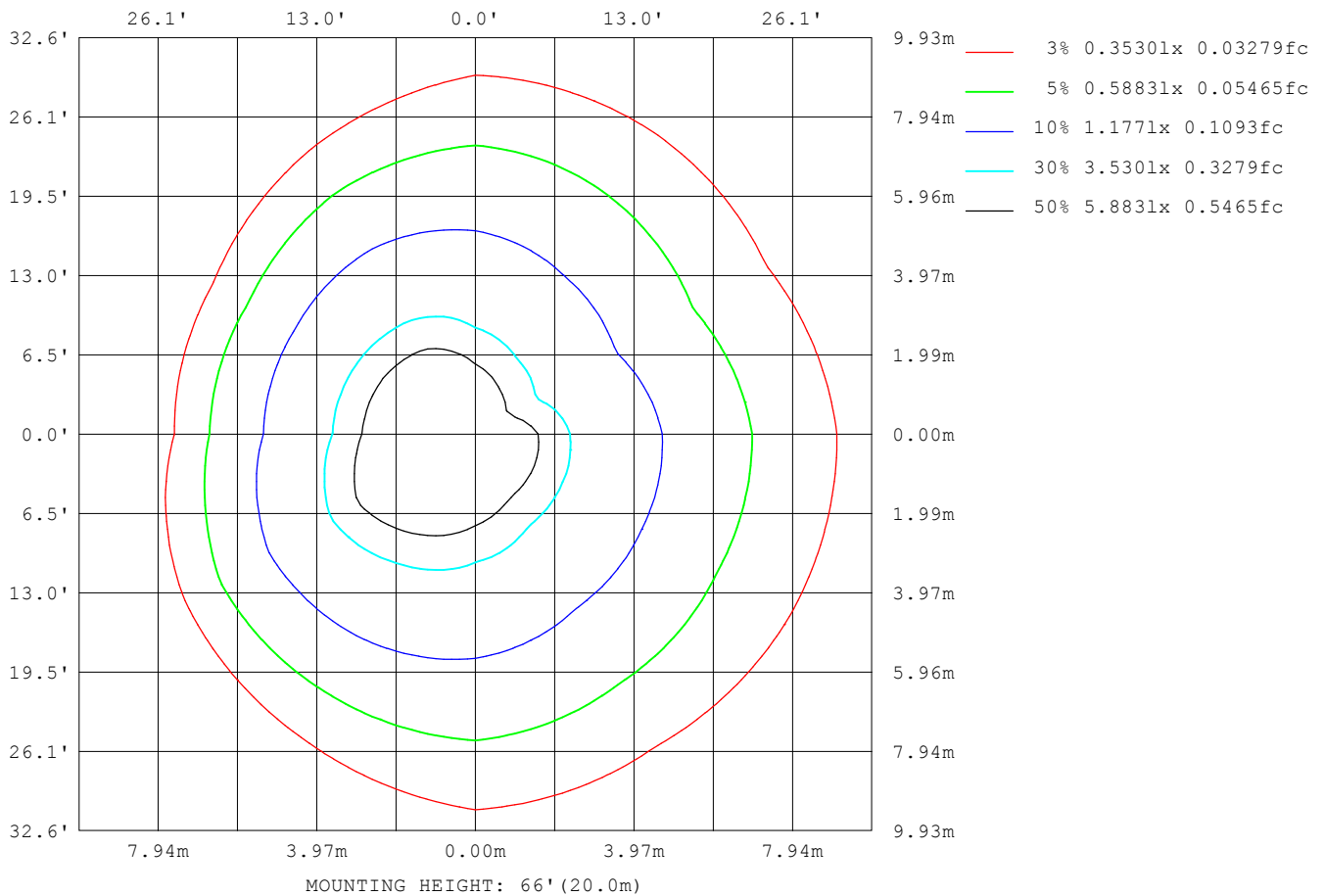
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:220.01V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:497.178x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-13D-REV2	TYPE:RGBW W=3000K	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:220.01V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:497.178x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-13D-REV2	TYPE:RGBW W=3000K	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

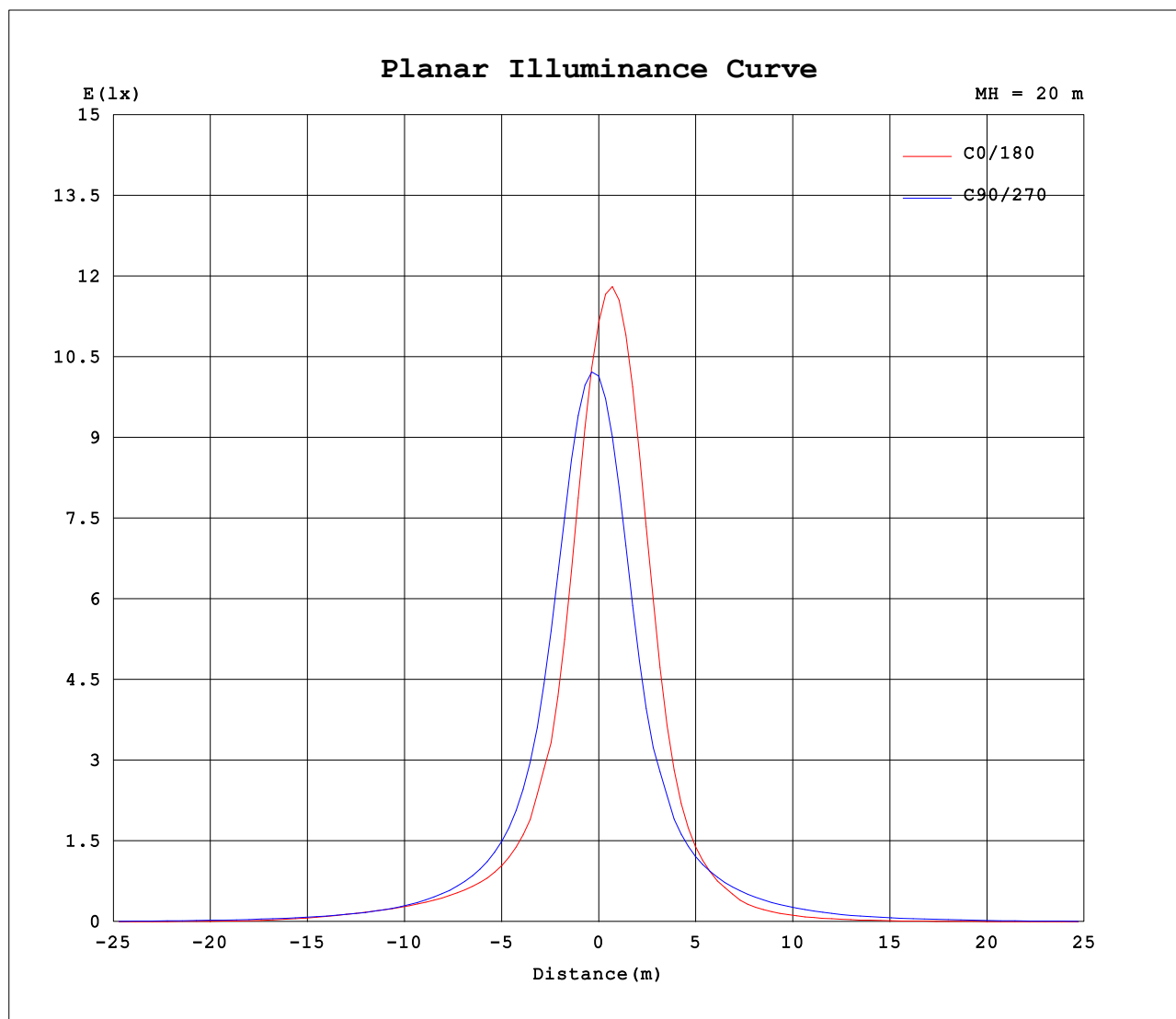
AvgL	cd/m2
L_0~180 (65) av	2
L_0~180 (75) av	1
L_0~180 (85) av	2
L_90~270 (65) av	13
L_90~270 (75) av	6
L_90~270 (85) av	8
L_45 (65) av	4
L_45 (75) av	3
L_45 (85) av	4

Standard: GB/T 29293-2012

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:

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:220.01V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:497.178x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-13D-REV2	TYPE:RGBW W=3000K	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	4457	4468	4288	4057	3838	3634	4457	4468	4288	4057	3838	3634						
5	2125	2285	2445	3042	3777	4434	4023	3855	3375	2379	1782	1398						
10	797	842	970	1243	1695	2297	1528	1399	1257	982	728	605						
15	408	426	465	575	658	733	507	483	509	473	395	337						
20	259	264	278	319	307	297	194	198	252	279	252	222						
25	178	179	175	194	152	117	85.1	81.8	124	173	164	153						
30	122	120	113	121	77.4	52.6	40.1	39.2	63.1	109	106	104						
35	74.7	77.1	72.1	78.9	38.6	25.9	20.0	20.0	29.3	68.3	66.5	66.6						
40	30.3	44.2	47.9	50.2	18.8	13.7	10.3	10.9	15.2	44.3	42.4	35.4						
45	10.4	18.0	30.7	31.1	11.1	7.71	5.22	6.22	9.29	28.4	28.0	13.1						
50	3.88	6.40	18.6	18.6	7.32	4.40	2.74	3.42	6.27	17.2	17.6	4.60						
55	1.71	2.35	10.4	11.5	5.05	2.43	1.66	1.91	4.35	10.5	9.69	1.82						
60	1.04	1.24	5.40	7.27	3.44	1.47	1.02	1.22	2.97	6.58	4.93	1.09						
65	0.67	0.77	2.17	4.70	2.19	0.94	0.70	0.84	1.81	4.02	1.97	0.71						
70	0.42	0.52	1.01	2.67	1.30	0.68	0.48	0.61	1.08	2.22	0.93	0.49						
75	0.27	0.34	0.68	1.38	0.81	0.50	0.31	0.39	0.71	1.11	0.62	0.35						
80	0.18	0.24	0.52	0.64	0.59	0.39	0.24	0.22	0.50	0.70	0.47	0.26						
85	0.12	0.17	0.42	0.51	0.45	0.35	0.21	0.16	0.39	0.58	0.38	0.21						
90	0.04	0.14	0.31	0.36	0.37	0.32	0.18	0.16	0.30	0.44	0.31	0.15						
95	0.04	0.14	0.31	0.36	0.32	0.32	0.18	0.16	0.29	0.43	0.31	0.15						
100	0.04	0.14	0.31	0.36	0.32	0.32	0.16	0.14	0.29	0.43	0.31	0.15						
105	0.04	0.14	0.29	0.36	0.32	0.31	0.15	0.13	0.24	0.44	0.31	0.15						
110	0.04	0.14	0.30	0.36	0.32	0.30	0.13	0.14	0.22	0.42	0.31	0.15						
115	0.04	0.15	0.29	0.37	0.32	0.28	0.13	0.13	0.25	0.42	0.31	0.15						
120	0.04	0.15	0.29	0.38	0.32	0.28	0.13	0.13	0.28	0.41	0.31	0.15						
125	0.04	0.16	0.29	0.40	0.32	0.28	0.14	0.16	0.35	0.41	0.33	0.15						
130	0.05	0.18	0.29	0.43	0.37	0.32	0.19	0.21	0.39	0.41	0.35	0.15						
135	0.10	0.23	0.35	0.51	0.45	0.39	0.28	0.28	0.46	0.41	0.40	0.18						
140	0.22	0.34	0.49	0.63	0.58	0.51	0.39	0.40	0.56	0.46	0.52	0.29						
145	0.52	0.64	0.78	0.87	0.79	0.69	0.57	0.58	0.74	0.75	0.78	0.57						
150	1.31	1.38	1.45	1.38	1.20	1.02	0.87	0.91	1.11	1.24	1.32	1.30						
155	2.51	2.50	2.39	2.23	1.97	1.72	1.49	1.57	1.82	2.01	2.21	2.36						
160	3.40	3.39	3.22	3.11	2.95	2.81	2.57	2.64	2.76	2.88	3.05	3.18						
165	3.64	3.57	3.46	3.49	3.52	3.62	3.48	3.43	3.35	3.27	3.24	3.35						
170	3.21	3.10	3.15	3.24	3.48	3.63	3.51	3.46	3.21	3.08	2.93	2.78						
175	2.49	2.47	2.66	2.75	2.95	3.07	2.88	2.88	2.71	2.63	2.49	2.39						
180	2.35	2.41	2.45	2.43	2.47	2.47	2.39	2.44	2.44	2.45	2.45	2.45						

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