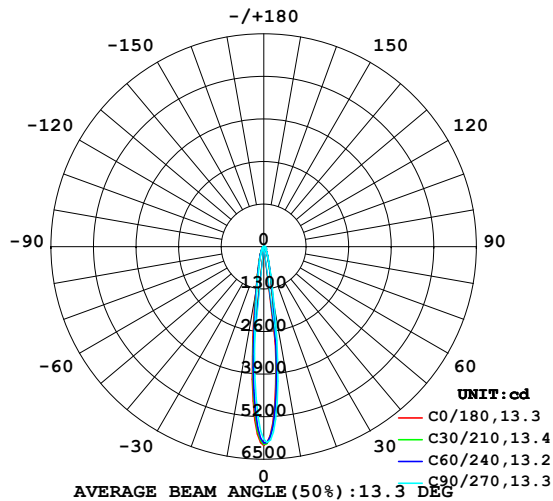


LUMINAIRE PHOTOMETRIC TEST REPORT

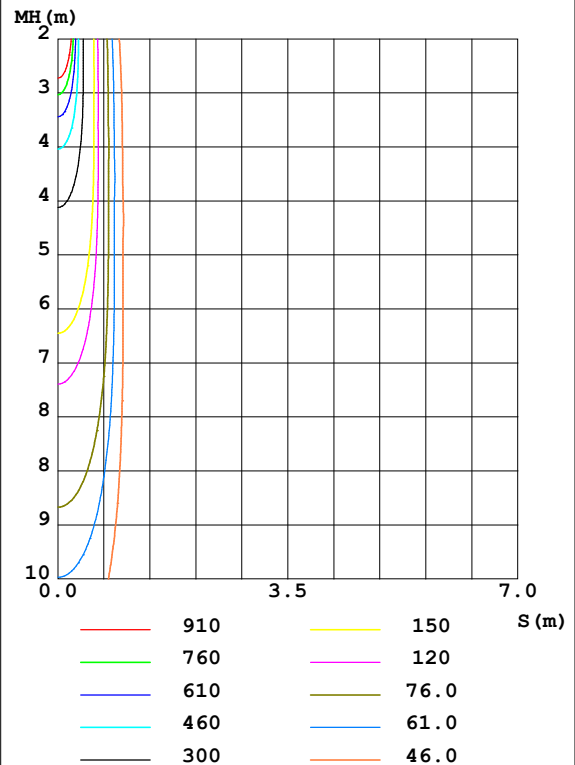
Test:U:220.07V I:0.0880A P:18.300W PF:0.9000 Freq:49.99Hz Lamp Flux:759.708x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-15D-REV2	TYPE:RGBW W=3000K	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 41.51 lm/W
MODEL	34.11	I _{max} (cd)	6070	S/MH(C0/180)	0.23	
NOMINAL POWER(W)	23.28	LOR(%)	100.0	S/MH(C90/270)	0.19	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	759.71	η UP,DN(C0-180)	0.4,55.7	
NOMINAL FLUX(lm)	759.708	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,43.5	
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	1522	1631	1877	2133	1454	1328	1208	1081	0- 10	299.2	299.2	39.4,39.4
20	390.2	401.2	417.9	456.8	383.2	365.6	323.8	323.9	10- 20	202.4	501.6	66,66
30	166.3	173.9	173.8	191.8	166.6	162.0	146.0	147.6	20- 30	115.6	617.2	81.2,81.2
40	55.50	79.19	90.40	88.01	49.59	72.80	81.56	66.42	30- 40	71.89	689.1	90.7,90.7
50	13.80	29.09	45.44	32.40	12.56	26.85	41.77	25.65	40- 50	36.11	725.2	95.5,95.5
60	4.280	11.66	26.54	13.59	3.560	10.00	23.85	10.23	50- 60	17.46	742.7	97.8,97.8
70	1.082	3.166	14.73	3.643	0.8431	2.492	12.03	2.575	60- 70	7.649	750.3	98.8,98.8
80	0.3941	0.8534	4.902	0.9717	0.3672	0.6624	3.540	0.7477	70- 80	2.681	753.0	99.1,99.1
90	0.1011	0.4005	0.6910	0.5275	0.1837	0.3631	0.6649	0.3828	80- 90	0.8044	753.8	99.2,99.2
100	0.0612	0.3718	0.6999	0.5030	0.1793	0.3499	0.6605	0.3871	90-100	0.4411	754.2	99.3,99.3
110	0.0612	0.3805	0.7086	0.4964	0.1706	0.3150	0.6605	0.3959	100-110	0.4201	754.7	99.3,99.3
120	0.0961	0.4134	0.7305	0.4899	0.1794	0.3741	0.6649	0.4287	110-120	0.4015	755.1	99.4,99.4
130	0.2665	0.5359	0.7919	0.5665	0.2802	0.5074	0.6649	0.5511	120-130	0.4191	755.5	99.4,99.4
140	0.6380	0.8202	0.9977	0.8027	0.5606	0.7612	0.9312	0.8246	130-140	0.4898	756.0	99.5,99.5
150	1.809	1.829	1.891	1.636	1.371	1.617	2.063	1.884	140-150	0.7205	756.7	99.6,99.6
160	4.586	4.381	4.223	4.046	3.874	3.970	4.294	4.315	150-160	1.331	758.0	99.8,99.8
170	4.835	4.689	4.553	4.595	4.359	4.193	4.170	4.252	160-170	1.304	759.3	99.9,99.9
180	3.403	3.403	3.342	3.370	3.403	3.403	3.346	3.355	170-180	0.3845	759.7	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:2025-08-12

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:

LUMINANCE LIMITATION CURVES

Test:U:220.07V I:0.0880A P:18.300W PF:0.9000 Freq:49.99Hz Lamp Flux:759.708x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-15D-REV2	TYPE:RGBW W=3000K	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	3	27
80	3	35
75	3	45
70	4	54
65	6	61
60	11	66
55	18	74
50	27	88
45	44	113

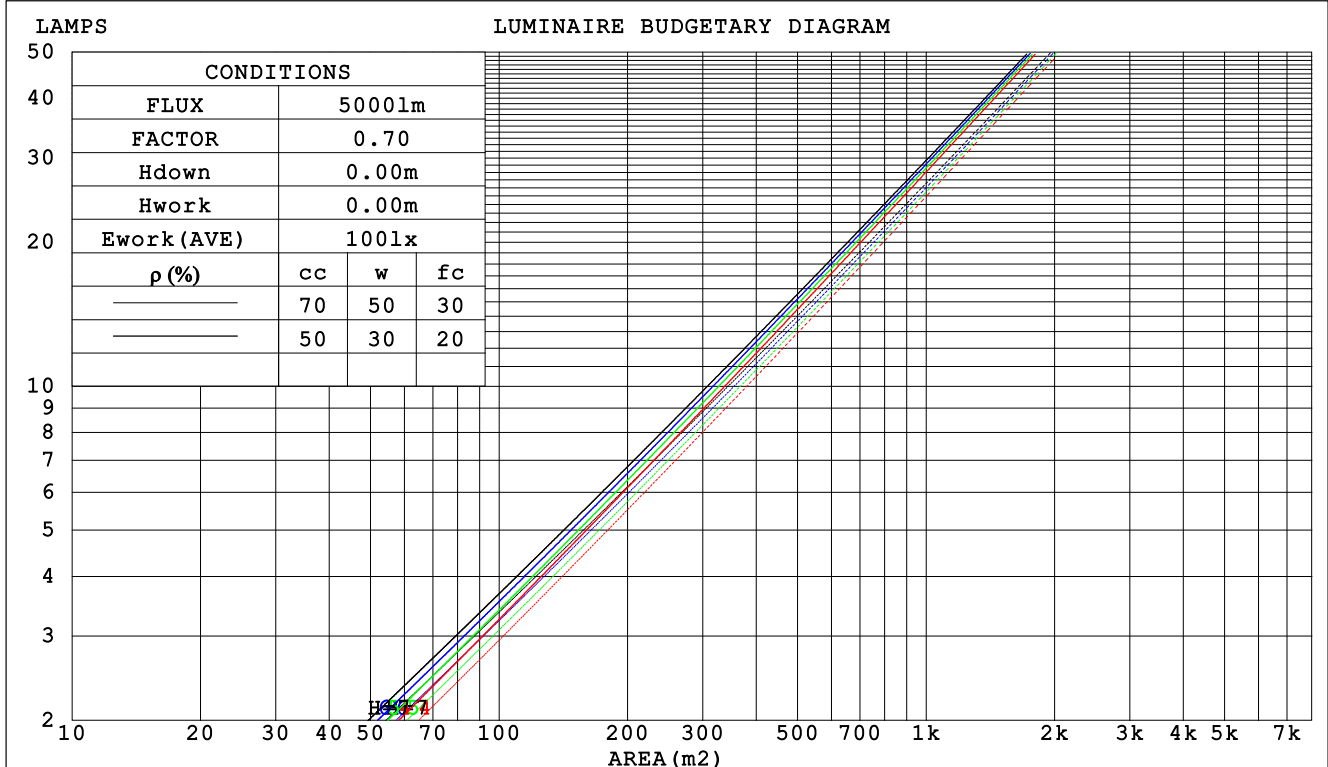
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-12

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:220.07V I:0.0880A P:18.300W PF:0.9000 Freq:49.99Hz Lamp Flux:759.708x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-15D-REV2	TYPE:RGBW W=3000K	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	1.05	1.04	1.03	1.02	1.01	.99	.98	.97	.96	.95
2.0	1.06	1.02	.99	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	.91	.89	.92	.89	.88	.86
4.0	.96	.91	.88	.94	.90	.87	.92	.89	.86	.90	.87	.85	.88	.86	.84	.83
5.0	.91	.87	.83	.91	.86	.83	.89	.85	.82	.87	.84	.81	.86	.83	.81	.79
6.0	.88	.83	.80	.87	.83	.79	.86	.82	.79	.84	.81	.78	.83	.80	.78	.77
7.0	.85	.80	.77	.84	.80	.76	.83	.79	.76	.82	.78	.76	.80	.77	.75	.74
8.0	.82	.77	.74	.81	.77	.74	.80	.76	.73	.79	.76	.73	.78	.75	.73	.72
9.0	.79	.75	.71	.79	.74	.71	.78	.74	.71	.77	.73	.71	.76	.73	.71	.70
10.0	.77	.72	.69	.76	.72	.69	.76	.72	.69	.75	.71	.69	.74	.71	.69	.68



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:220.07V I:0.0880A P:18.300W PF:0.9000 Freq:49.99Hz Lamp Flux:759.708x1 lm					
NAME:LuminoFlex Ground-500mm-RGBW ALL-15D-REV2			TYPE:RGBW W=3000K		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	.153	.087	.028	.146	.084	.027	.133	.077	.024	.122	.070	.023	.111	.064	.021		
2.0	.144	.079	.024	.138	.076	.023	.127	.071	.022	.117	.066	.021	.108	.061	.019		
3.0	.135	.072	.021	.130	.070	.021	.121	.065	.020	.112	.062	.019	.105	.058	.018		
4.0	.126	.066	.019	.122	.064	.019	.114	.061	.018	.107	.058	.017	.101	.055	.017		
5.0	.119	.061	.018	.115	.059	.017	.109	.057	.017	.102	.054	.016	.097	.052	.016		
6.0	.112	.056	.016	.109	.055	.016	.103	.053	.015	.098	.051	.015	.093	.049	.014		
7.0	.106	.052	.015	.103	.051	.015	.098	.050	.014	.093	.048	.014	.089	.046	.014		
8.0	.101	.049	.014	.098	.048	.014	.094	.047	.013	.089	.045	.013	.085	.044	.013		
9.0	.096	.046	.013	.093	.046	.013	.089	.044	.013	.086	.043	.012	.082	.042	.012		
10.0	.091	.044	.012	.089	.043	.012	.086	.042	.012	.082	.041	.012	.079	.040	.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	.163	.153	.150	.140	.131	.103	.097	.091	.059	.056	.053	.019	.018	.017	
2.0	.159	.139	.122	.136	.119	.105	.093	.083	.074	.054	.048	.043	.017	.016	.014	
3.0	.144	.119	.099	.124	.103	.086	.085	.072	.060	.049	.042	.036	.016	.014	.012	
4.0	.133	.104	.083	.114	.090	.072	.078	.063	.051	.045	.037	.030	.015	.012	.010	
5.0	.123	.092	.070	.105	.080	.061	.073	.056	.043	.042	.033	.025	.014	.011	.008	
6.0	.114	.082	.060	.098	.071	.052	.068	.050	.037	.039	.029	.022	.013	.010	.007	
7.0	.106	.074	.052	.092	.065	.045	.063	.045	.032	.037	.027	.019	.012	.009	.006	
8.0	.100	.068	.046	.086	.059	.040	.060	.041	.028	.035	.024	.017	.011	.008	.006	
9.0	.094	.062	.041	.081	.054	.035	.056	.038	.025	.033	.022	.015	.011	.007	.005	
10.0	.089	.058	.036	.077	.050	.032	.053	.035	.023	.031	.021	.013	.010	.007	.004	

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

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:220.07V I:0.0880A P:18.300W PF:0.9000 Freq:49.99Hz Lamp Flux:759.708x1 lm										
NAME:LuminoFlex Ground-500mm-RGBW ALL-15D-REV2					TYPE:RGBW W=3000K			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	-3.2	-2.4	-2.9	-2.3	-2.1	0.3	1.0	0.5	1.2	1.4
3H	-3.3	-2.6	-3.0	-2.4	-2.2	1.0	1.6	1.2	1.8	2.0
4H	-3.4	-2.7	-3.1	-2.5	-2.3	1.2	1.9	1.5	2.1	2.3
6H	-3.4	-2.8	-3.1	-2.6	-2.3	1.4	2.0	1.7	2.2	2.5
8H	-3.5	-2.9	-3.2	-2.6	-2.4	1.4	2.0	1.7	2.3	2.5
12H	-3.5	-3.0	-3.2	-2.7	-2.4	1.4	2.0	1.8	2.3	2.6
4H 2H	-3.0	-2.4	-2.8	-2.2	-1.9	0.2	0.8	0.4	1.1	1.3
3H	-3.2	-2.6	-2.8	-2.3	-2.0	0.8	1.4	1.2	1.7	2.0
4H	-3.3	-2.7	-2.9	-2.4	-2.1	1.1	1.7	1.5	2.0	2.3
6H	-3.3	-2.9	-3.0	-2.5	-2.2	1.3	1.8	1.7	2.2	2.5
8H	-3.4	-3.0	-3.0	-2.6	-2.2	1.4	1.8	1.8	2.2	2.6
12H	-3.4	-3.0	-3.0	-2.7	-2.3	1.4	1.8	1.9	2.2	2.6
8H 4H	-3.3	-2.9	-2.9	-2.5	-2.2	1.0	1.4	1.4	1.8	2.2
6H	-3.4	-3.1	-3.0	-2.7	-2.2	1.2	1.6	1.6	2.0	2.4
8H	-3.5	-3.2	-3.0	-2.7	-2.3	1.3	1.6	1.7	2.0	2.5
12H	-3.5	-3.2	-3.0	-2.8	-2.3	1.3	1.6	1.8	2.1	2.6
12H 4H	-3.4	-3.0	-3.0	-2.6	-2.2	0.9	1.3	1.3	1.7	2.1
6H	-3.5	-3.1	-3.0	-2.7	-2.3	1.1	1.5	1.6	1.9	2.3
8H	-3.5	-3.2	-3.0	-2.8	-2.3	1.2	1.5	1.7	2.0	2.4
Variations with the observer position at spacings:										
S = 1.0H	+ 2.2 / - 5.9					+ 0.8 / - 1.0				
1.5H	+ 3.4 / - 4.1					+ 1.6 / - 1.5				
2.0H	+ 3.2 / - 4.6					+ 2.4 / - 2.8				

CIE Pub.117, 759.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.0)
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:220.07V I:0.0880A P:18.300W PF:0.9000 Freq:49.99Hz Lamp Flux:759.708x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-15D-REV2	TYPE:RGBW W=3000K	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

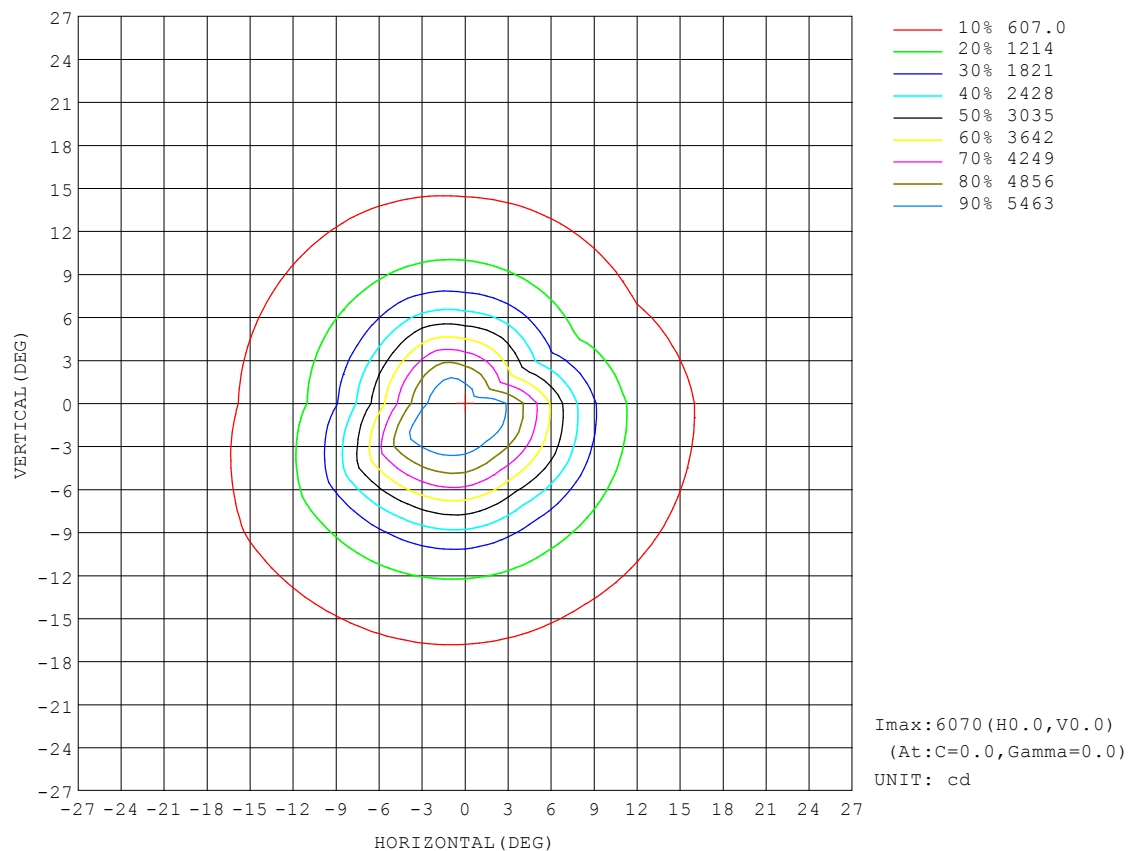
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	86	79	75	85	79	75	84	78	75	71
0.80	93	87	83	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	95	91	87	83
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	96	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	110	106	102	108	104	102	105	102	100	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	108	107	105	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:220.07V I:0.0880A P:18.300W PF:0.9000 Freq:49.99Hz Lamp Flux:759.708x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-15D-REV2	TYPE:RGBW W=3000K	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

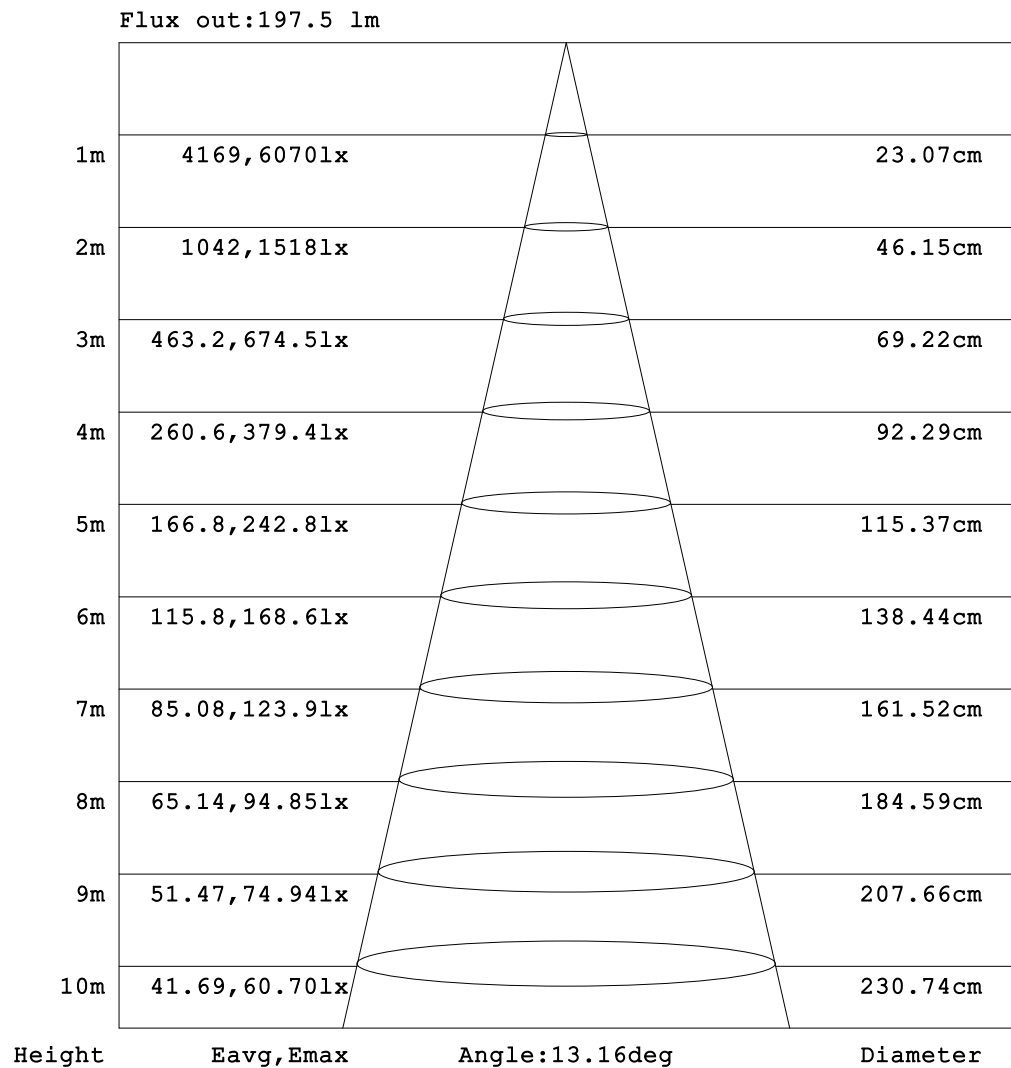


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-12

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:220.07V I:0.0880A P:18.300W PF:0.9000 Freq:49.99Hz Lamp Flux:759.708x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-15D-REV2	TYPE:RGBW W=3000K	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



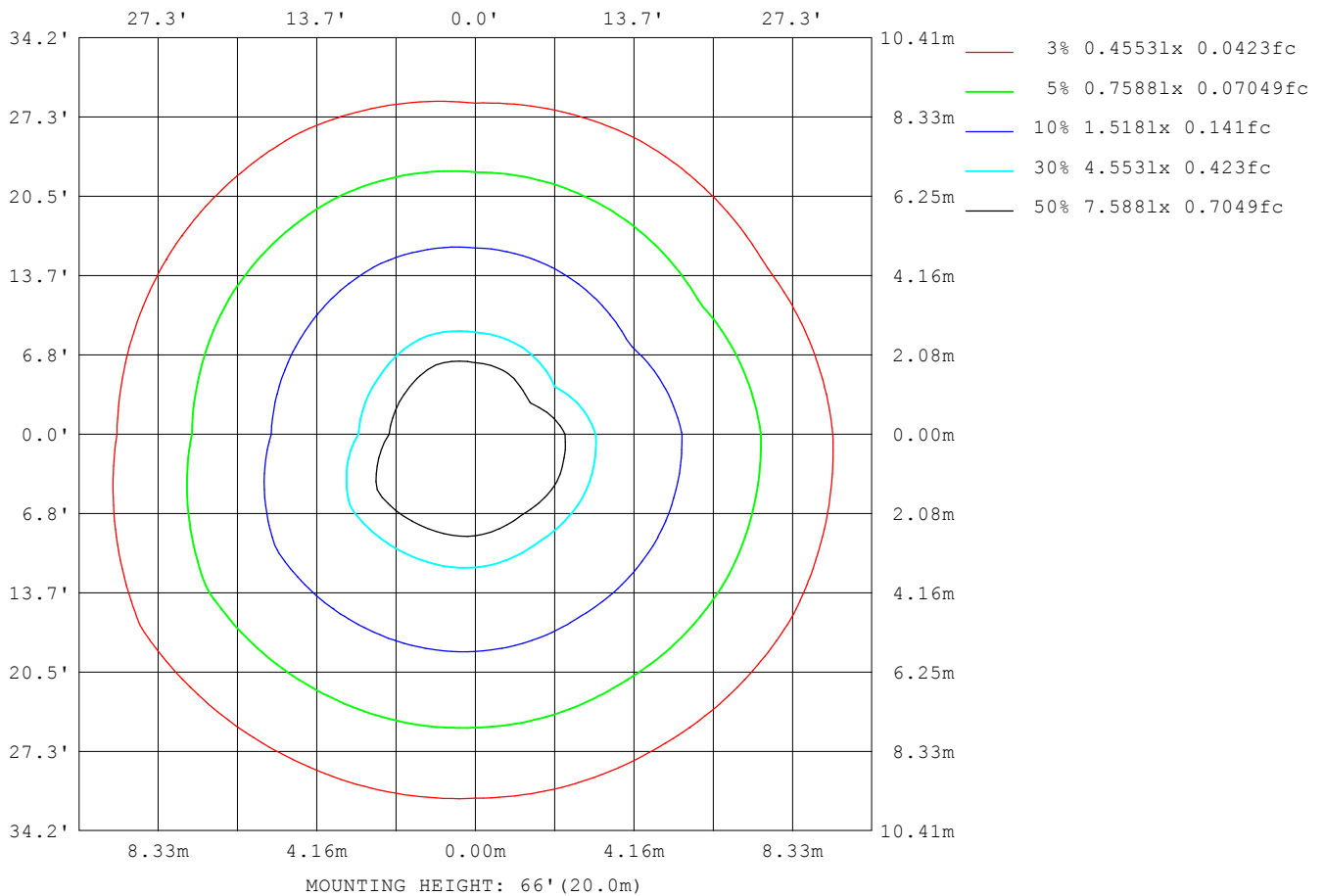
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:220.07V I:0.0880A P:18.300W PF:0.9000 Freq:49.99Hz Lamp Flux:759.708x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-15D-REV2	TYPE:RGBW W=3000K	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:2025-08-12

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:220.07V I:0.0880A P:18.300W PF:0.9000 Freq:49.99Hz Lamp Flux:759.708x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-15D-REV2	TYPE:RGBW W=3000K	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

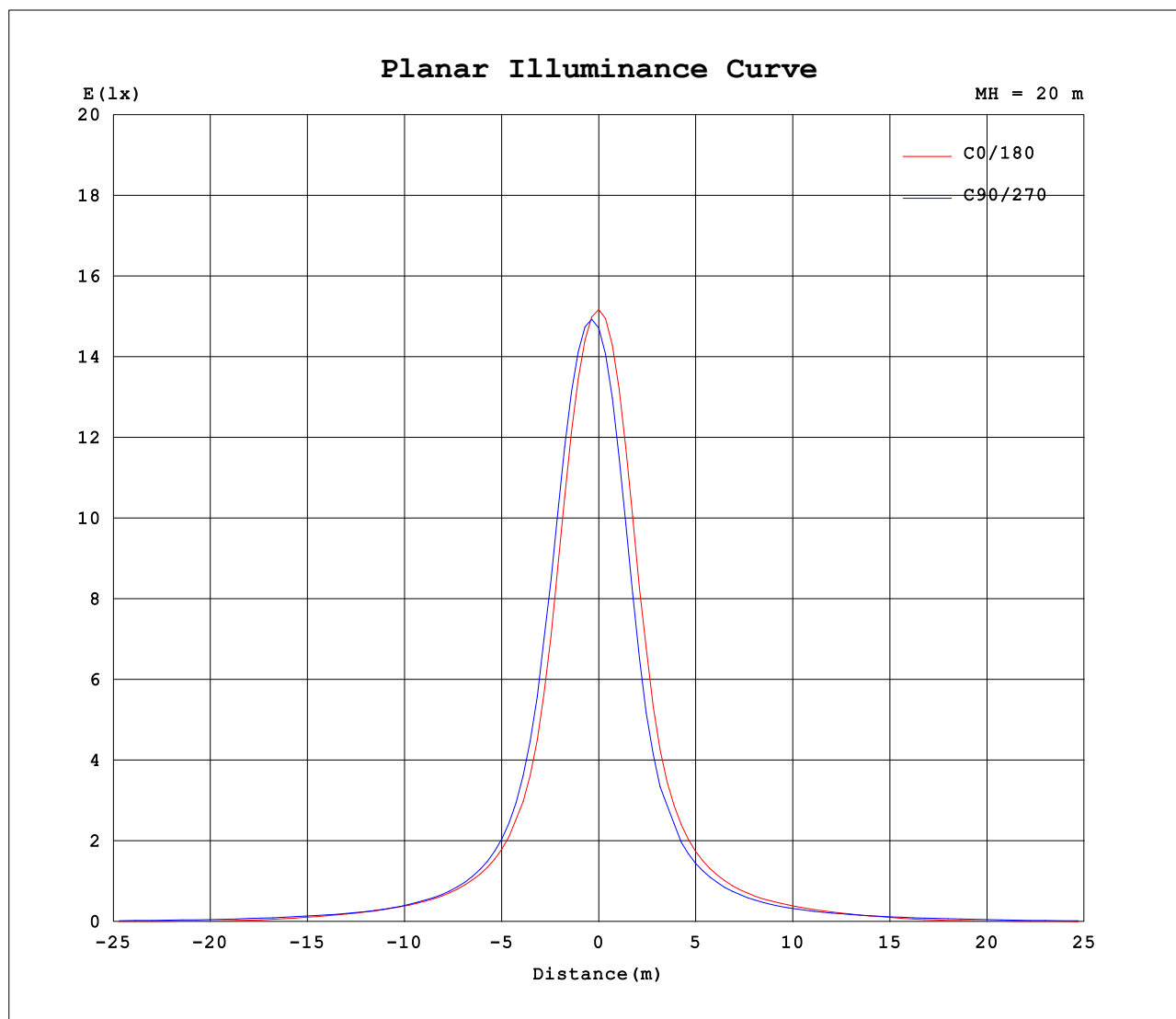
AvgL	cd/m2
L_0~180 (65) av	5
L_0~180 (75) av	3
L_0~180 (85) av	4
L_90~270 (65) av	56
L_90~270 (75) av	41
L_90~270 (85) av	21
L_45 (65) av	16
L_45 (75) av	5
L_45 (85) av	8

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
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: 2025-08-12

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:220.07V I:0.0880A P:18.300W PF:0.9000 Freq:49.99Hz Lamp Flux:759.708x1 lm											
NAME:LuminoFlex Ground-500mm-RGBW ALL-15D-REV2						TYPE:RGBW W=3000K			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	6070	6046	6000	5886	5811	5708	6070	6046	6000	5886	5811	5708							
5	4257	4407	4412	4760	5005	5309	4063	3830	3705	3294	3173	2826							
10	1522	1625	1637	1877	2014	2252	1454	1348	1308	1208	1110	1052							
15	689	713	718	776	827	890	673	639	615	561	546	525							
20	390	403	400	418	441	473	383	375	356	324	324	324							
25	248	262	257	261	276	295	250	244	234	207	217	215							
30	166	173	175	174	185	199	167	163	162	146	152	144							
35	109	113	125	124	131	131	106	107	116	109	108	93.9							
40	55.5	71.3	87.1	90.4	92.7	83.3	49.6	63.9	81.7	81.6	75.9	56.9							
45	24.8	36.9	58.8	64.0	63.8	45.3	22.3	30.2	56.2	58.6	52.9	27.7							
50	13.8	18.3	39.9	45.4	43.5	21.3	12.6	15.2	38.5	41.8	37.0	14.3							
55	8.37	10.7	27.4	34.2	30.3	11.8	7.29	9.00	25.9	31.1	25.7	8.63							
60	4.28	6.21	17.1	26.5	20.3	6.86	3.56	4.77	15.2	23.9	15.8	4.64							
65	2.02	2.98	9.36	20.6	11.1	3.27	1.64	2.16	8.02	17.5	8.32	2.14							
70	1.08	1.49	4.84	14.7	5.66	1.63	0.84	1.20	3.79	12.0	3.96	1.19							
75	0.60	0.81	1.99	9.40	2.29	0.91	0.56	0.66	1.60	7.41	1.70	0.72							
80	0.39	0.55	1.16	4.90	1.26	0.69	0.37	0.38	0.95	3.54	0.98	0.52							
85	0.24	0.37	0.81	1.86	0.87	0.56	0.28	0.31	0.58	1.14	0.67	0.37							
90	0.10	0.23	0.57	0.69	0.62	0.44	0.18	0.25	0.48	0.66	0.52	0.24							
95	0.06	0.22	0.52	0.69	0.57	0.44	0.18	0.24	0.48	0.66	0.54	0.23							
100	0.06	0.22	0.52	0.70	0.57	0.44	0.18	0.22	0.48	0.66	0.54	0.23							
105	0.06	0.22	0.52	0.70	0.57	0.43	0.17	0.21	0.40	0.66	0.55	0.23							
110	0.06	0.24	0.52	0.71	0.57	0.42	0.17	0.21	0.42	0.66	0.56	0.23							
115	0.06	0.25	0.52	0.71	0.57	0.41	0.17	0.21	0.43	0.66	0.58	0.23							
120	0.10	0.29	0.53	0.73	0.57	0.41	0.18	0.24	0.51	0.66	0.60	0.26							
125	0.16	0.35	0.57	0.75	0.60	0.43	0.21	0.28	0.60	0.66	0.64	0.31							
130	0.27	0.44	0.63	0.79	0.65	0.48	0.28	0.35	0.66	0.66	0.70	0.40							
135	0.41	0.57	0.72	0.87	0.73	0.58	0.39	0.46	0.75	0.70	0.79	0.50							
140	0.64	0.76	0.88	1.00	0.87	0.73	0.56	0.63	0.89	0.93	0.95	0.70							
145	1.03	1.09	1.21	1.27	1.15	1.00	0.85	0.91	1.18	1.33	1.24	1.07							
150	1.81	1.79	1.87	1.89	1.72	1.55	1.37	1.48	1.76	2.06	1.95	1.81							
155	3.25	3.10	3.08	3.01	2.81	2.65	2.45	2.58	2.84	3.21	3.18	3.09							
160	4.59	4.45	4.31	4.22	4.07	4.03	3.87	3.90	4.04	4.29	4.32	4.31							
165	5.12	5.03	4.89	4.84	4.73	4.83	4.68	4.57	4.46	4.60	4.64	4.77							
170	4.84	4.73	4.65	4.55	4.56	4.63	4.36	4.27	4.12	4.17	4.23	4.27							
175	3.90	3.88	3.93	3.85	3.87	3.87	3.59	3.65	3.56	3.64	3.59	3.61							
180	3.40	3.40	3.41	3.34	3.37	3.37	3.40	3.40	3.41	3.35	3.34	3.37							

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