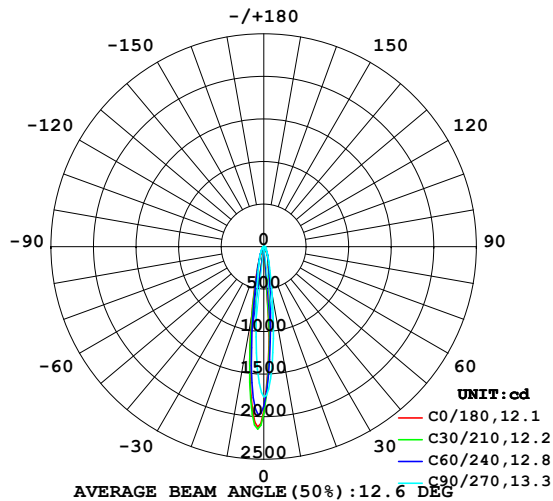


LUMINAIRE PHOTOMETRIC TEST REPORT

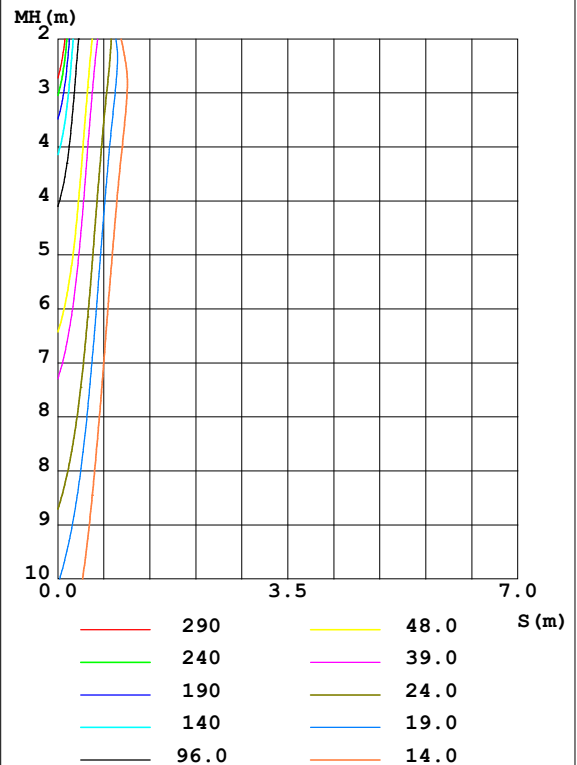
Test:U:220.02V I:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:258.347x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-15D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 38.56 lm/W			
MODEL		Imax(cd)	2146	S/MH(C0/180)	0.32
NOMINAL POWER(W)	36	LOR(%)	100.0	S/MH(C90/270)	0.21
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	258.35	η UP,DN(C0-180)	0.4,51.6
NOMINAL FLUX(lm)	258.347	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,47.6
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:2025-08-20

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	346.7	389.8	566.4	1005	843.5	733.4	452.7	322.7	0- 10	97.16	97.16	37.6,37.6
20	140.0	149.9	169.6	190.8	145.4	156.0	147.9	134.3	10- 20	80.87	178.0	68.9,68.9
30	32.06	66.31	75.77	55.03	28.56	46.65	68.34	52.03	20- 30	43.51	221.5	85.8,85.8
40	5.463	19.60	36.28	16.08	7.416	14.15	34.62	16.09	30- 40	20.02	241.6	93.5,93.5
50	2.041	5.433	17.40	4.545	1.420	3.966	16.71	4.230	40- 50	8.376	249.9	96.7,96.7
60	0.6917	1.525	9.799	1.494	0.4809	1.364	9.413	1.222	50- 60	3.602	253.5	98.1,98.1
70	0.2846	0.4990	5.377	0.4967	0.2009	0.4219	4.688	0.3979	60- 70	1.828	255.4	98.8,98.8
80	0.0964	0.2297	1.704	0.2604	0.0524	0.1683	1.310	0.1793	70- 80	0.7913	256.2	99.2,99.2
90	0.0220	0.1400	0.2450	0.1706	0.0131	0.1116	0.2056	0.1050	80- 90	0.2396	256.4	99.2,99.2
100	0.0175	0.1356	0.2450	0.1509	0.0175	0.1072	0.2099	0.1006	90-100	0.1349	256.5	99.3,99.3
110	0.0175	0.1335	0.2450	0.1378	0.0175	0.0962	0.2012	0.1006	100-110	0.1266	256.7	99.3,99.3
120	0.0175	0.1443	0.2537	0.1334	0.0262	0.1028	0.1968	0.1029	110-120	0.1199	256.8	99.4,99.4
130	0.0306	0.1509	0.2888	0.1924	0.0526	0.1356	0.2012	0.1247	120-130	0.1173	256.9	99.4,99.4
140	0.1398	0.2712	0.3851	0.2952	0.1620	0.2319	0.3060	0.2450	130-140	0.1470	257.0	99.5,99.5
150	0.7426	0.7677	0.7355	0.5249	0.4336	0.4792	0.6601	0.7263	140-150	0.2492	257.3	99.6,99.6
160	1.640	1.592	1.527	1.328	1.191	1.266	1.399	1.527	150-160	0.4636	257.8	99.8,99.8
170	1.553	1.566	1.609	1.717	1.732	1.645	1.540	1.415	160-170	0.4503	258.2	99.9,99.9
180	1.334	1.376	1.374	1.360	1.365	1.384	1.360	1.336	170-180	0.1431	258.3	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:2025-08-20

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:258.347x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-15D-REV2	TYPE:RGBW-4000K	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	1	9
80	1	12
75	1	16
70	1	20
65	1	23
60	2	24
55	3	28
50	4	34
45	6	44

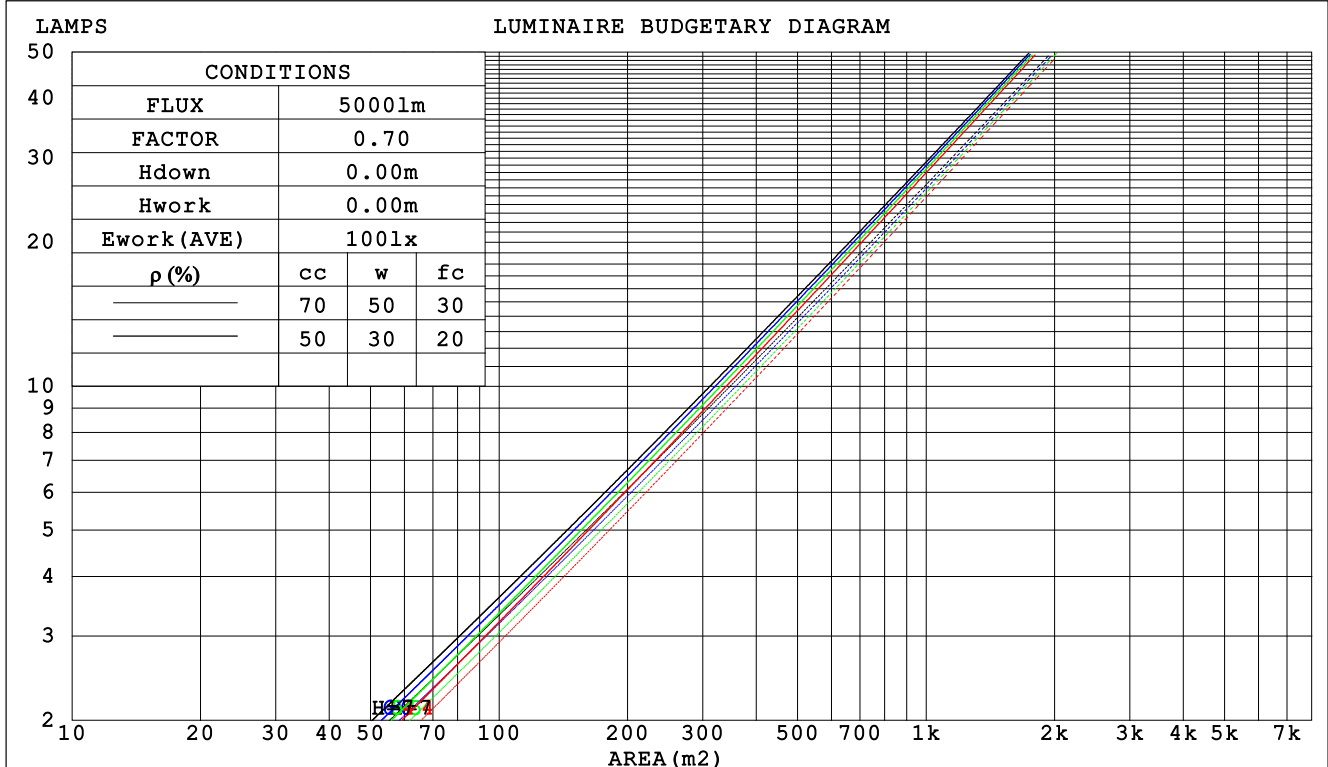
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:258.347x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-15D-REV2	TYPE:RGBW-4000K	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	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	.98	.97	.95
2.0	1.06	1.03	1.00	1.04	1.01	.99	1.01	.99	.97	.98	.96	.95	.95	.94	.93	.91
3.0	1.01	.97	.94	.00	.96	.93	.97	.94	.92	.95	.92	.90	.92	.90	.89	.87
4.0	.97	.92	.89	.95	.91	.88	.93	.90	.87	.91	.88	.86	.89	.87	.85	.84
5.0	.93	.88	.85	.92	.87	.84	.90	.86	.84	.88	.85	.83	.87	.84	.82	.81
6.0	.89	.84	.81	.88	.84	.81	.87	.83	.80	.85	.82	.80	.84	.81	.79	.78
7.0	.86	.81	.78	.85	.81	.78	.84	.80	.77	.83	.79	.77	.82	.79	.77	.75
8.0	.83	.78	.75	.82	.78	.75	.81	.78	.75	.80	.77	.74	.79	.76	.74	.73
9.0	.80	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.72	.77	.74	.72	.71
10.0	.78	.74	.71	.77	.73	.71	.77	.73	.70	.76	.73	.70	.75	.72	.70	.69



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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:258.347x1 lm					
NAME:Lumino Ground-500mm-RGBW 4000K-15D-REV2			TYPE:RGBW-4000K		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	.149	.085	.027	.142	.081	.026	.129	.074	.024	.117	.068	.022	.106	.062	.020	
2.0	.139	.076	.023	.133	.073	.023	.123	.068	.021	.113	.063	.020	.104	.059	.018	
3.0	.130	.069	.021	.125	.067	.020	.116	.063	.019	.108	.059	.018	.100	.055	.017	
4.0	.122	.063	.019	.118	.062	.018	.110	.058	.017	.103	.055	.017	.096	.052	.016	
5.0	.115	.058	.017	.111	.057	.017	.105	.054	.016	.098	.052	.015	.093	.050	.015	
6.0	.108	.054	.016	.105	.053	.015	.100	.051	.015	.094	.049	.014	.089	.047	.014	
7.0	.103	.051	.014	.100	.050	.014	.095	.048	.014	.090	.046	.013	.086	.045	.013	
8.0	.098	.048	.013	.095	.047	.013	.091	.045	.013	.087	.044	.013	.083	.042	.012	
9.0	.093	.045	.013	.091	.044	.012	.087	.043	.012	.083	.042	.012	.080	.040	.012	
10.0	.089	.043	.012	.087	.042	.012	.083	.041	.012	.080	.040	.011	.077	.039	.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	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.175	.163	.153	.150	.140	.132	.102	.096	.091	.059	.056	.053	.019	.018	.017	
2.0	.158	.138	.122	.135	.119	.106	.093	.082	.074	.053	.048	.043	.017	.016	.014	
3.0	.143	.119	.100	.123	.103	.087	.084	.071	.061	.049	.042	.036	.016	.014	.012	
4.0	.131	.104	.083	.113	.090	.072	.078	.063	.051	.045	.037	.030	.014	.012	.010	
5.0	.121	.092	.070	.104	.080	.061	.072	.056	.043	.042	.033	.026	.013	.011	.008	
6.0	.113	.082	.060	.097	.071	.052	.067	.050	.037	.039	.029	.022	.012	.010	.007	
7.0	.105	.074	.052	.090	.064	.046	.062	.045	.032	.036	.027	.019	.012	.009	.006	
8.0	.099	.067	.046	.085	.058	.040	.059	.041	.028	.034	.024	.017	.011	.008	.006	
9.0	.093	.062	.041	.080	.054	.036	.055	.038	.025	.032	.022	.015	.010	.007	.005	
10.0	.088	.057	.037	.076	.050	.032	.053	.035	.023	.031	.021	.014	.010	.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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:258.347x1 lm										
NAME:Lumino Ground-500mm-RGBW 4000K-15D-REV2					TYPE:RGBW-4000K			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	-8.2	-7.5	-8.0	-7.3	-7.1	0.2	0.9	0.4	1.0	1.2
3H	-8.3	-7.6	-8.0	-7.4	-7.2	0.8	1.5	1.1	1.7	1.9
4H	-8.3	-7.7	-8.0	-7.5	-7.2	1.1	1.7	1.4	1.9	2.2
6H	-8.4	-7.8	-8.1	-7.5	-7.3	1.3	1.9	1.6	2.1	2.4
8H	-8.4	-7.9	-8.1	-7.6	-7.3	1.3	1.9	1.6	2.1	2.4
12H	-8.5	-7.9	-8.1	-7.6	-7.4	1.3	1.9	1.6	2.2	2.4
4H 2H	-8.1	-7.4	-7.8	-7.2	-7.0	-0.1	0.6	0.2	0.8	1.0
3H	-8.1	-7.6	-7.8	-7.3	-7.0	0.6	1.1	0.9	1.4	1.7
4H	-8.2	-7.7	-7.9	-7.4	-7.1	0.9	1.4	1.2	1.7	2.0
6H	-8.3	-7.8	-7.9	-7.5	-7.1	1.1	1.6	1.5	1.9	2.3
8H	-8.3	-7.9	-7.9	-7.5	-7.2	1.2	1.6	1.6	2.0	2.4
12H	-8.4	-8.0	-7.9	-7.6	-7.2	1.2	1.6	1.7	2.0	2.4
8H 4H	-8.2	-7.8	-7.8	-7.4	-7.1	0.7	1.2	1.1	1.5	1.9
6H	-8.3	-7.9	-7.8	-7.5	-7.1	1.0	1.3	1.4	1.7	2.2
8H	-8.3	-8.0	-7.9	-7.6	-7.1	1.1	1.4	1.5	1.8	2.3
12H	-8.4	-8.1	-7.9	-7.6	-7.2	1.1	1.4	1.6	1.9	2.3
12H 4H	-8.2	-7.8	-7.8	-7.5	-7.1	0.7	1.1	1.1	1.4	1.8
6H	-8.3	-8.0	-7.8	-7.5	-7.1	0.9	1.2	1.4	1.7	2.1
8H	-8.3	-8.0	-7.8	-7.6	-7.1	1.0	1.3	1.5	1.7	2.2
Variations with the observer position at spacings:										
S = 1.0H	+ 2.2 / - 4.6					+ 1.6 / - 1.9				
1.5H	+ 3.1 / - 3.5					+ 2.8 / - 3.4				
2.0H	+ 2.6 / - 3.3					+ 3.9 / - 4.2				

CIE Pub.117, 258.3 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.7)
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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:258.347x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-15D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

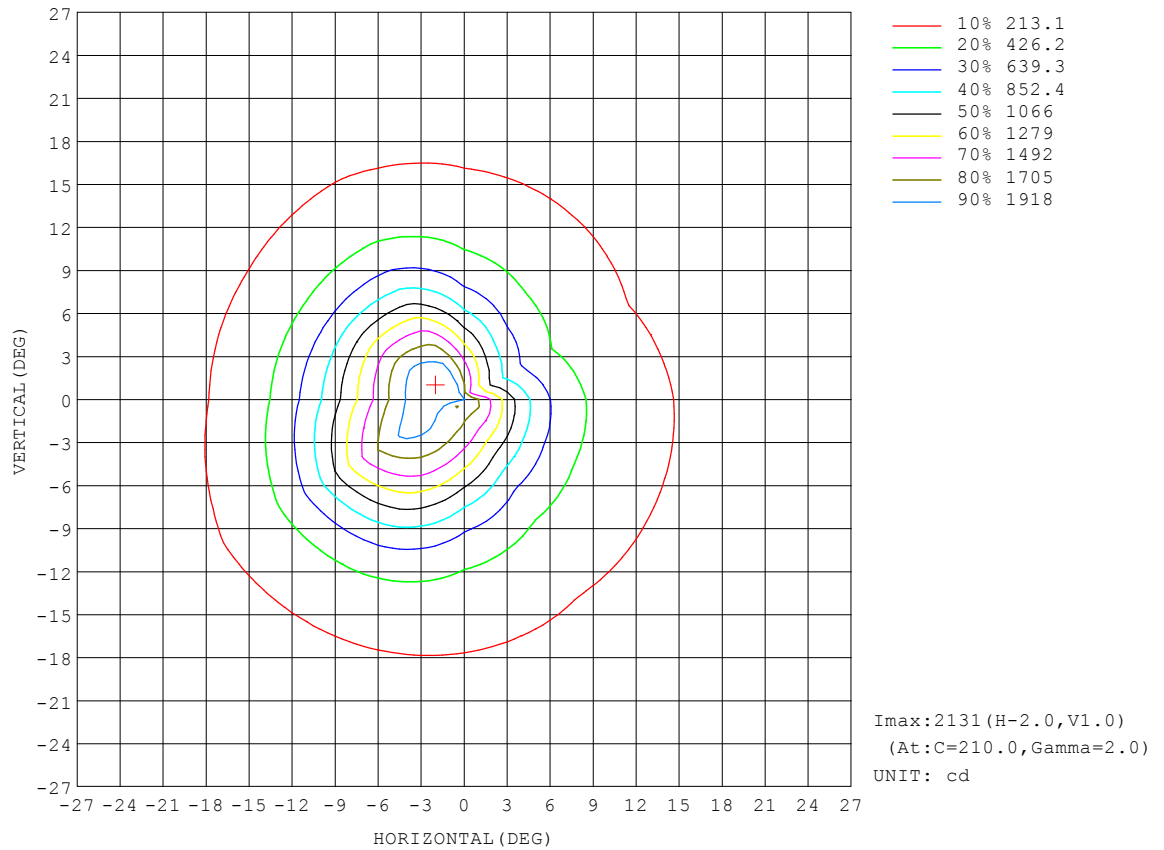
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	81	77	87	81	77	86	81	77	74
0.80	95	89	85	94	89	85	93	88	85	81
1.00	99	94	90	98	93	90	97	93	89	85
1.25	103	98	95	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:2025-08-20

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:258.347x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-15D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

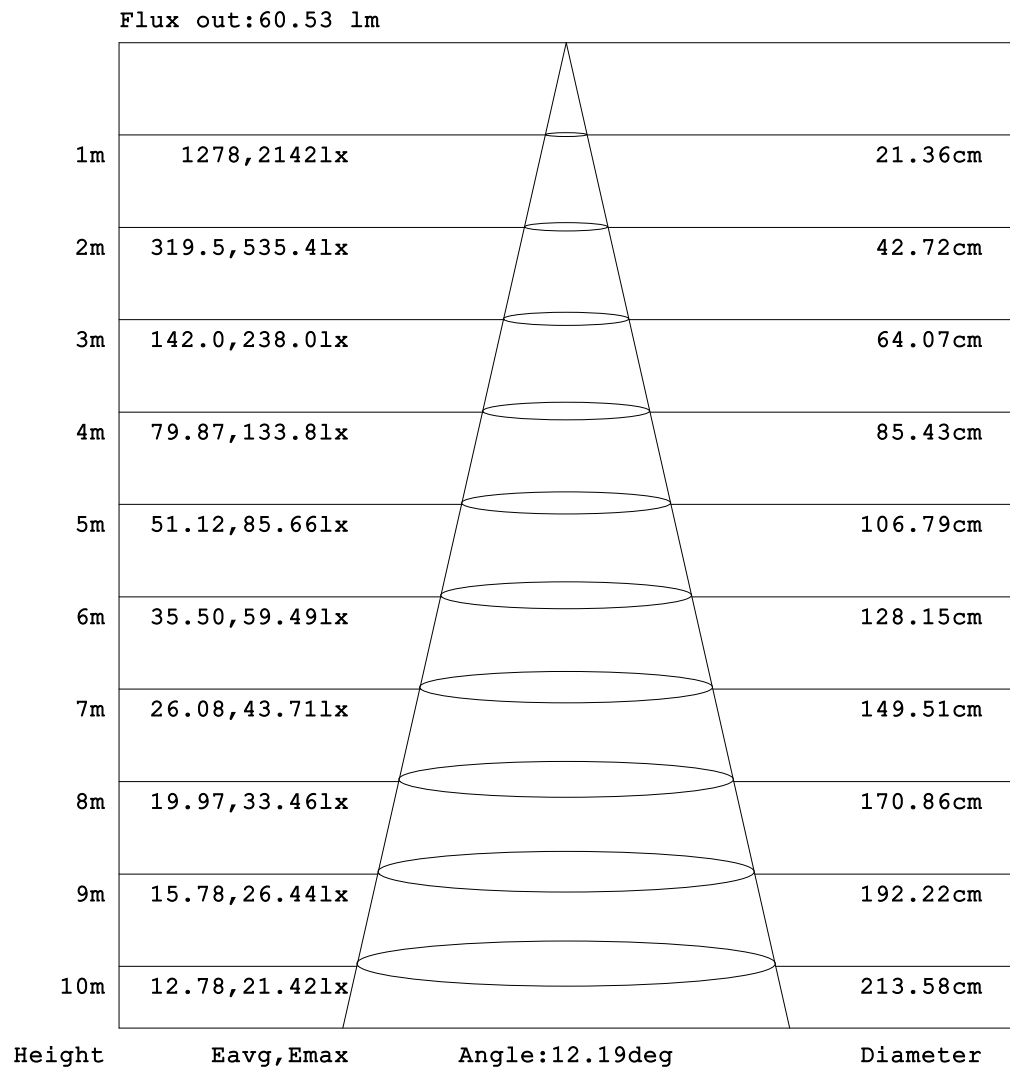


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:258.347x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-15D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



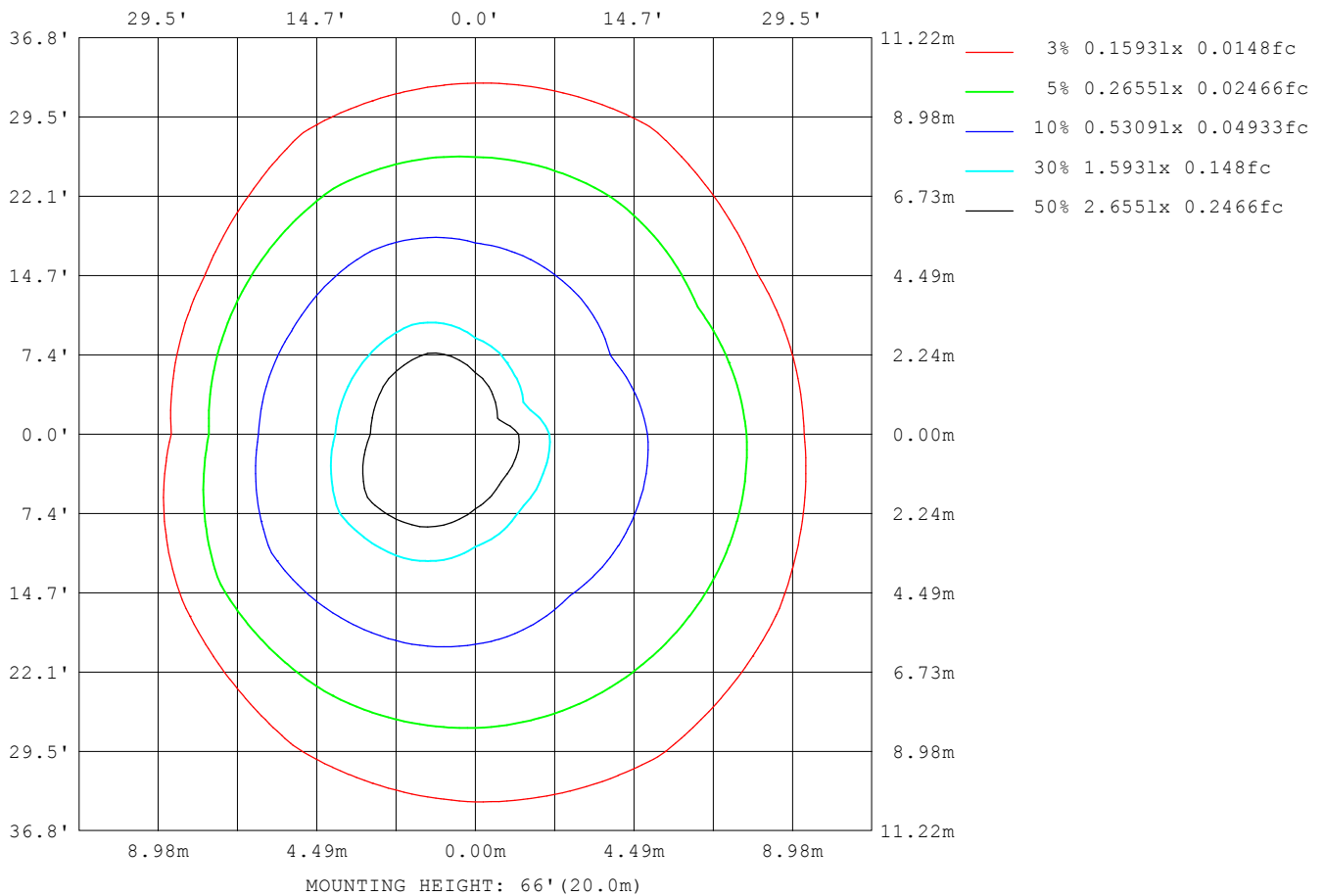
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:258.347x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-15D-REV2	TYPE:RGBW-4000K	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:2025-08-20

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:258.347x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-15D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

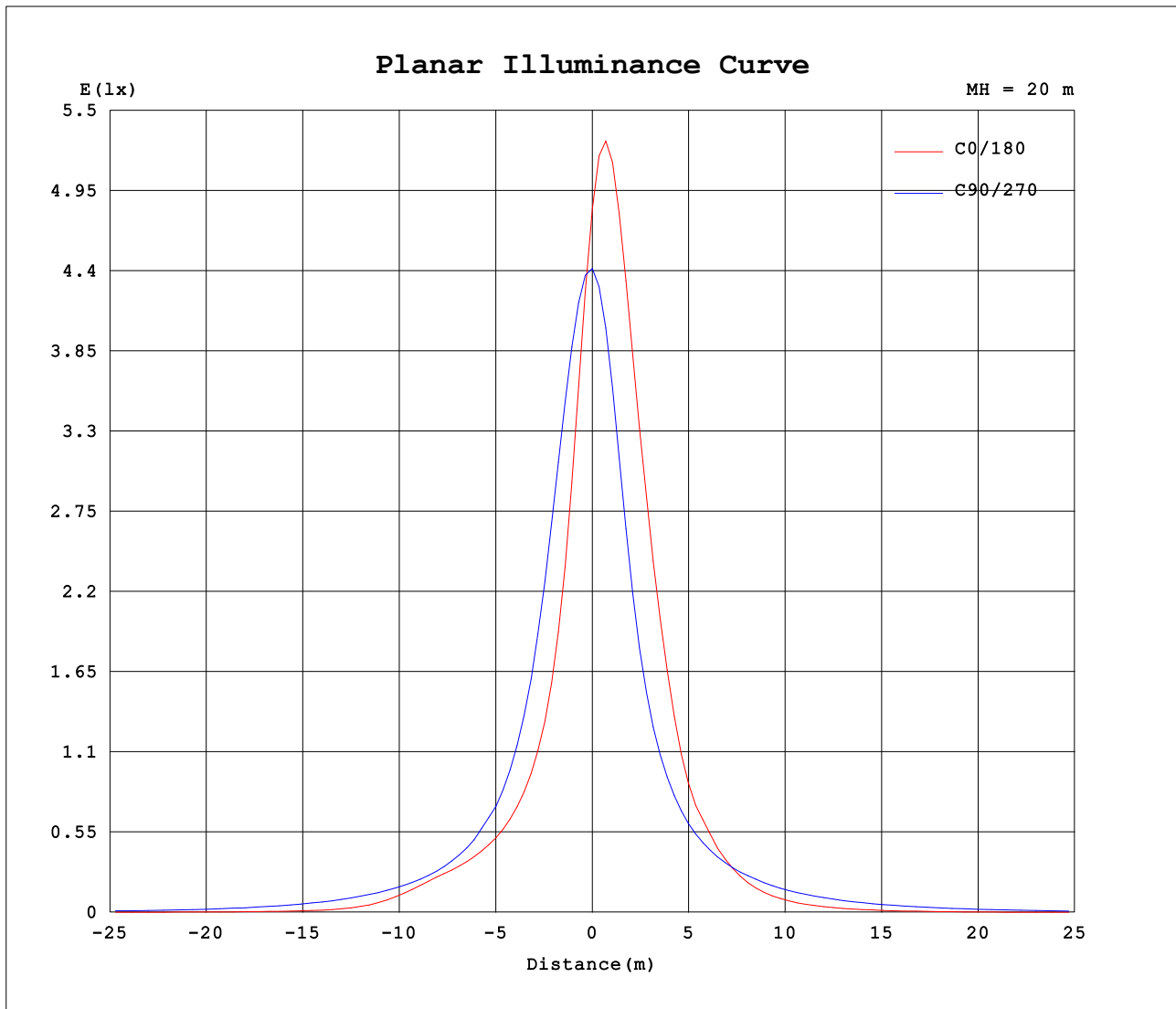
AvgL	cd/m2
L_0~180 (65) av	1
L_0~180 (75) av	1
L_0~180 (85) av	0
L_90~270 (65) av	22
L_90~270 (75) av	15
L_90~270 (85) av	7
L_45 (65) av	1
L_45 (75) av	1
L_45 (85) av	2

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
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Test Speed: HIGH
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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: 2025-08-20

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:258.347x1 lm											
NAME:Lumino Ground-500mm-RGBW 4000K-15D-REV2						TYPE:RGBW-4000K				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	1929	1963	1875	1766	1644	1509	1929	1963	1875	1766	1644	1509							
5	779	831	943	1250	1639	1954	1752	1799	1606	1065	750	583							
10	347	366	413	566	877	1134	843	783	684	453	353	292							
15	206	217	231	289	362	418	327	303	302	239	211	183							
20	140	147	153	170	183	198	145	151	161	148	142	127							
25	85.0	101	110	110	110	94.2	61.0	69.2	98.2	98.8	100.0	81.6							
30	32.1	54.9	77.7	75.8	69.0	41.1	28.6	31.1	62.2	68.3	67.9	36.2							
35	11.3	20.6	51.8	52.3	42.7	19.6	14.2	15.0	38.4	48.7	44.2	12.8							
40	5.46	7.74	31.5	36.3	22.2	10.00	7.42	8.04	20.3	34.6	26.7	5.53							
45	3.28	3.94	17.1	25.0	11.2	5.54	3.36	4.54	10.5	24.1	13.5	3.11							
50	2.04	2.34	8.52	17.4	6.19	2.90	1.42	2.10	5.83	16.7	6.57	1.89							
55	1.22	1.36	4.32	12.7	3.67	1.25	0.77	1.05	3.49	12.3	3.32	1.08							
60	0.69	0.68	2.37	9.80	2.30	0.69	0.48	0.56	2.17	9.41	1.85	0.60							
65	0.46	0.45	1.37	7.62	1.26	0.45	0.34	0.44	1.10	7.05	1.00	0.42							
70	0.28	0.31	0.69	5.38	0.65	0.34	0.20	0.31	0.53	4.69	0.51	0.29							
75	0.19	0.21	0.46	3.24	0.46	0.24	0.12	0.21	0.34	2.79	0.34	0.21							
80	0.10	0.13	0.33	1.70	0.35	0.17	0.05	0.17	0.17	1.31	0.22	0.14							
85	0.04	0.09	0.25	0.63	0.27	0.13	0.01	0.12	0.14	0.40	0.16	0.10							
90	0.02	0.08	0.20	0.24	0.22	0.12	0.01	0.08	0.14	0.21	0.14	0.07							
95	0.02	0.08	0.19	0.24	0.20	0.10	0.01	0.07	0.14	0.21	0.14	0.07							
100	0.02	0.08	0.19	0.24	0.20	0.10	0.02	0.07	0.14	0.21	0.14	0.07							
105	0.02	0.08	0.18	0.24	0.18	0.10	0.02	0.05	0.14	0.20	0.14	0.07							
110	0.02	0.09	0.18	0.24	0.17	0.10	0.02	0.05	0.14	0.20	0.14	0.06							
115	0.02	0.10	0.18	0.24	0.21	0.10	0.03	0.05	0.15	0.20	0.14	0.06							
120	0.02	0.11	0.18	0.25	0.18	0.08	0.03	0.05	0.16	0.20	0.14	0.06							
125	0.02	0.10	0.18	0.27	0.18	0.10	0.03	0.05	0.18	0.20	0.17	0.06							
130	0.03	0.12	0.18	0.29	0.26	0.12	0.05	0.07	0.21	0.20	0.19	0.06							
135	0.06	0.16	0.22	0.32	0.30	0.16	0.09	0.09	0.25	0.24	0.23	0.09							
140	0.14	0.25	0.30	0.39	0.36	0.23	0.16	0.16	0.31	0.31	0.31	0.18							
145	0.33	0.42	0.45	0.50	0.42	0.32	0.26	0.25	0.40	0.43	0.46	0.36							
150	0.74	0.78	0.75	0.74	0.56	0.49	0.43	0.42	0.53	0.66	0.74	0.71							
155	1.30	1.29	1.18	1.12	0.91	0.79	0.71	0.73	0.89	1.03	1.16	1.19							
160	1.64	1.64	1.55	1.53	1.37	1.29	1.19	1.21	1.33	1.40	1.51	1.55							
165	1.71	1.74	1.74	1.68	1.65	1.67	1.62	1.59	1.61	1.58	1.55	1.58							
170	1.55	1.48	1.65	1.61	1.70	1.74	1.73	1.70	1.59	1.54	1.44	1.39							
175	1.36	1.30	1.47	1.56	1.58	1.57	1.55	1.57	1.45	1.40	1.33	1.28							
180	1.33	1.36	1.39	1.37	1.36	1.36	1.36	1.40	1.37	1.36	1.34	1.33							

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