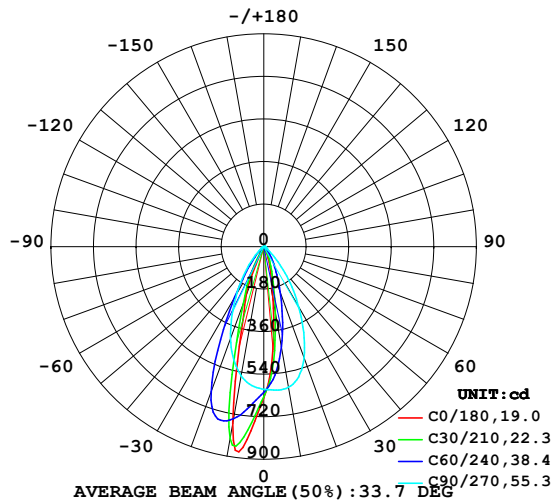


LUMINAIRE PHOTOMETRIC TEST REPORT

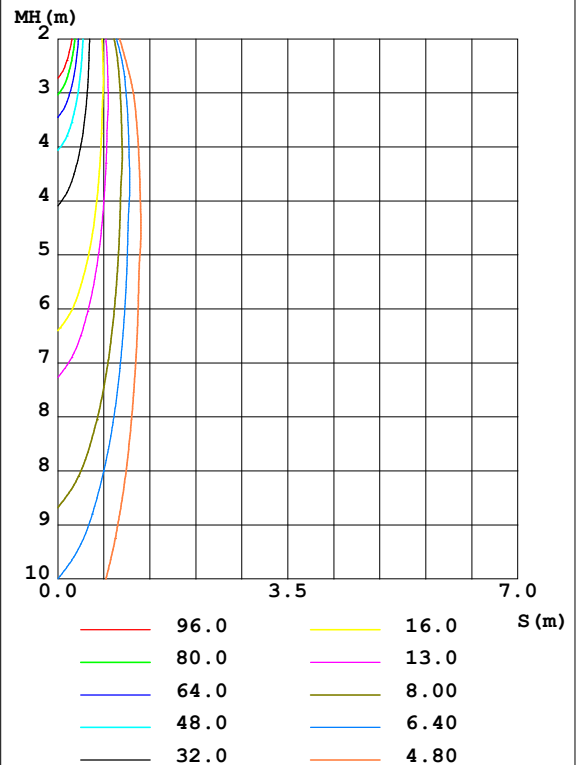
Test:U:220.02V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:324.049x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-20x55D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 49.85 lm/W			
MODEL		I _{max} (cd)	875.2	S/MH (C0/180)	0.55
NOMINAL POWER(W)		LOR(%)	100.0	S/MH (C90/270)	0.80
RATED VOLTAGE(V)	24	TOTAL FLUX (lm)	324.05	η UP,DN (C0-180)	0.5,51.1
NOMINAL FLUX(lm)	324.049	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.4,47.9
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: 2025-08-20

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	228.2	359.1	604.5	809.7	759.9	782.1	554.0	269.8	0- 10	55.83	55.83	17.2,17.2
20	63.41	146.0	499.5	492.3	218.6	452.0	411.9	100.2	10- 20	115.0	170.9	52.7,52.7
30	12.74	53.49	296.7	134.6	16.68	140.7	227.7	34.90	20- 30	87.23	258.1	79.6,79.6
40	4.045	19.71	129.4	32.36	3.556	36.50	87.58	11.89	30- 40	40.53	298.6	92.2,92.2
50	2.089	6.166	31.08	4.820	1.429	5.096	21.70	3.685	40- 50	14.04	312.7	96.5,96.5
60	0.9542	2.184	12.56	1.604	0.4676	1.653	11.37	1.491	50- 60	4.480	317.1	97.9,97.9
70	0.4028	0.8776	6.579	0.6674	0.1878	0.6797	5.974	0.6100	60- 70	2.316	319.5	98.6,98.6
80	0.1227	0.4353	2.599	0.3785	0.0524	0.3695	2.177	0.3281	70- 80	1.153	320.6	98.9,98.9
90	0.0351	0.2997	0.5555	0.2712	0.0219	0.2516	0.5074	0.2668	80- 90	0.4338	321.0	99.1,99.1
100	0.0306	0.2974	0.5511	0.2493	0.0219	0.2406	0.5162	0.2625	90-100	0.2934	321.3	99.2,99.2
110	0.0306	0.2843	0.5205	0.2362	0.0262	0.2406	0.5162	0.2625	100-110	0.2802	321.6	99.3,99.3
120	0.0306	0.2952	0.5337	0.2231	0.0262	0.1925	0.5162	0.2581	110-120	0.2553	321.9	99.3,99.3
130	0.0612	0.3696	0.6564	0.2515	0.0395	0.2232	0.6954	0.3392	120-130	0.2483	322.1	99.4,99.4
140	0.2139	0.6933	0.9628	0.3347	0.0920	0.3764	0.9708	0.6868	130-140	0.3138	322.4	99.5,99.5
150	0.9744	1.225	1.234	0.6408	0.2759	0.7023	1.273	1.264	140-150	0.4509	322.9	99.6,99.6
160	1.797	1.581	1.514	1.214	0.8584	1.267	1.483	1.612	150-160	0.5420	323.4	99.8,99.8
170	1.851	1.691	1.772	1.776	1.680	1.774	1.728	1.700	160-170	0.4480	323.9	99.9,99.9
180	1.811	1.844	1.903	1.912	1.846	1.861	1.894	1.890	170-180	0.1720	324.0	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:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:324.049x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-20x55D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1	15
80	1	19
75	1	22
70	1	24
65	2	28
60	2	31
55	3	38
50	4	60
45	5	122

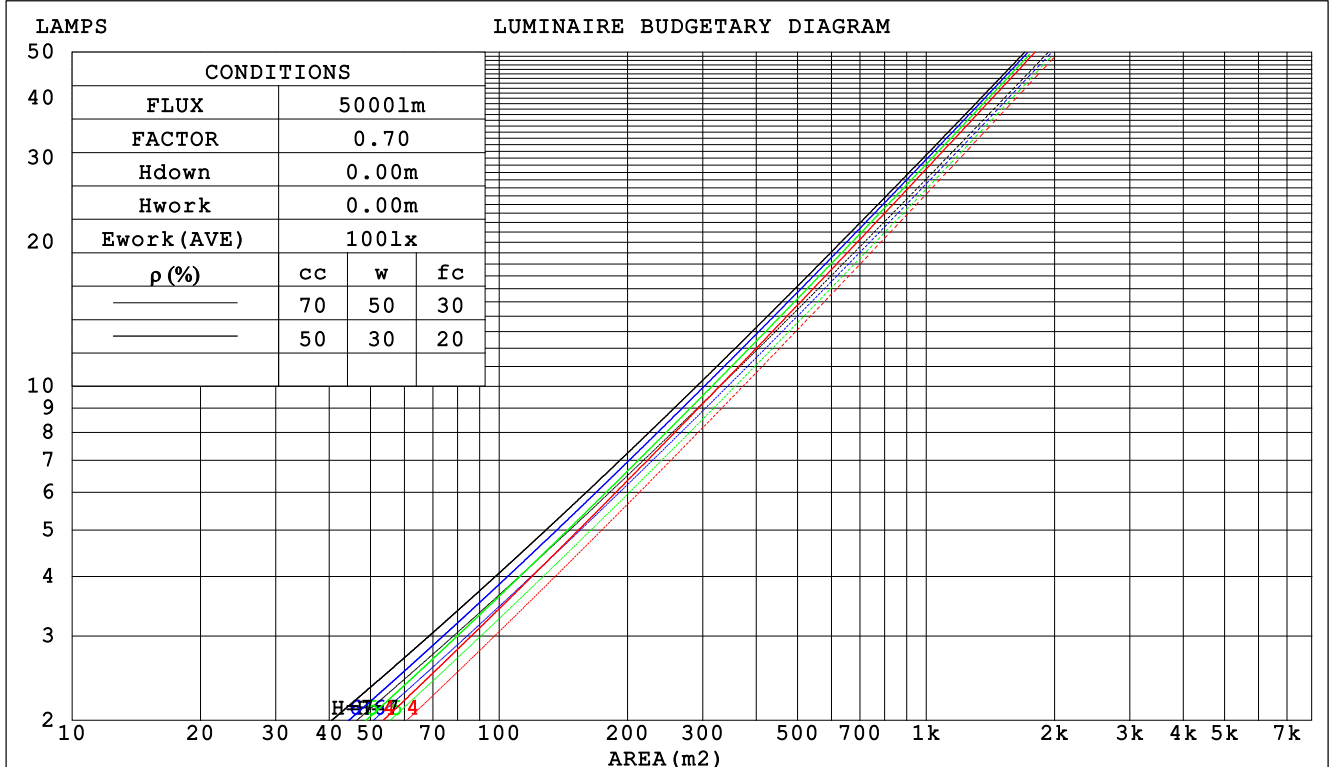
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

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:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:324.049x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-20x55D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:20x55 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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.93	.91	.93	.91	.89	.88
3.0	.98	.93	.89	.96	.92	.89	.94	.90	.87	.91	.88	.86	.89	.86	.84	.83
4.0	.92	.87	.83	.91	.86	.83	.89	.85	.82	.87	.83	.80	.85	.82	.79	.78
5.0	.87	.82	.78	.86	.81	.77	.84	.80	.77	.83	.79	.76	.81	.78	.75	.74
6.0	.83	.77	.73	.82	.77	.73	.80	.76	.72	.79	.75	.72	.77	.74	.71	.70
7.0	.78	.73	.69	.78	.73	.69	.76	.72	.68	.75	.71	.68	.74	.70	.68	.66
8.0	.75	.69	.66	.74	.69	.65	.73	.68	.65	.72	.68	.65	.71	.67	.64	.63
9.0	.71	.66	.62	.71	.66	.62	.70	.65	.62	.69	.65	.62	.68	.64	.61	.60
10.0	.68	.63	.59	.68	.63	.59	.67	.62	.59	.66	.62	.59	.65	.61	.59	.58



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:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:324.049x1 lm					
NAME:Lumino Ground-500mm-RGBW GREEN-20x55D-REV2			TYPE:RGBW-GREEN		WEIGHT:00
SPEC.:20x55 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	.169	.096	.030	.162	.092	.029	.149	.086	.027	.137	.079	.025	.126	.073	.024		
2.0	.160	.088	.027	.154	.085	.026	.143	.080	.025	.133	.075	.023	.124	.070	.022		
3.0	.151	.080	.024	.146	.078	.024	.137	.074	.023	.128	.070	.022	.120	.066	.021		
4.0	.143	.074	.022	.139	.073	.021	.131	.069	.021	.123	.066	.020	.116	.063	.019		
5.0	.136	.069	.020	.132	.068	.020	.125	.065	.019	.118	.062	.019	.112	.060	.018		
6.0	.129	.065	.019	.126	.064	.018	.120	.061	.018	.114	.059	.017	.108	.057	.017		
7.0	.123	.061	.017	.120	.060	.017	.115	.058	.017	.110	.056	.016	.105	.054	.016		
8.0	.117	.057	.016	.115	.057	.016	.110	.055	.016	.105	.053	.015	.101	.052	.015		
9.0	.112	.054	.015	.110	.054	.015	.106	.052	.015	.102	.051	.015	.098	.050	.014		
10.0	.108	.052	.014	.106	.051	.014	.102	.050	.014	.098	.049	.014	.094	.048	.014		

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	.198	.198	.198	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.178	.165	.153	.152	.141	.131	.104	.097	.091	.060	.056	.053	.019	.018	.017	
2.0	.162	.140	.121	.139	.120	.105	.095	.083	.073	.055	.048	.043	.018	.016	.014	
3.0	.149	.121	.098	.128	.104	.085	.088	.072	.060	.051	.042	.035	.016	.014	.012	
4.0	.138	.106	.081	.118	.091	.071	.081	.064	.050	.047	.037	.029	.015	.012	.010	
5.0	.129	.094	.069	.111	.081	.060	.076	.057	.042	.044	.033	.025	.014	.011	.008	
6.0	.121	.085	.059	.104	.073	.051	.072	.051	.036	.042	.030	.021	.013	.010	.007	
7.0	.114	.077	.051	.098	.067	.044	.068	.047	.031	.039	.028	.019	.013	.009	.006	
8.0	.108	.071	.045	.093	.061	.039	.064	.043	.028	.037	.025	.016	.012	.008	.005	
9.0	.103	.065	.040	.089	.057	.035	.061	.040	.025	.036	.024	.015	.012	.008	.005	
10.0	.098	.061	.036	.085	.053	.031	.059	.037	.022	.034	.022	.013	.011	.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:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:324.049x1 lm										
NAME:Lumino Ground-500mm-RGBW GREEN-20x55D-REV2					TYPE:RGBW-GREEN			WEIGHT:00		
SPEC.:20x55 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	-10.9	-10.0	-10.7	-9.9	-9.7	3.5	4.3	3.7	4.5	4.7
3H	-10.9	-10.1	-10.6	-9.9	-9.6	3.6	4.4	3.9	4.6	4.9
4H	-10.9	-10.1	-10.6	-9.9	-9.6	3.7	4.5	4.0	4.7	5.0
6H	-10.9	-10.2	-10.6	-9.9	-9.7	3.8	4.5	4.1	4.8	5.0
8H	-10.9	-10.2	-10.6	-10.0	-9.7	3.8	4.5	4.2	4.8	5.1
12H	-11.0	-10.3	-10.6	-10.0	-9.7	3.8	4.5	4.2	4.8	5.1
4H 2H	-10.3	-9.5	-10.0	-9.3	-9.1	3.2	4.0	3.5	4.2	4.4
3H	-10.2	-9.6	-9.9	-9.3	-9.0	3.4	4.0	3.7	4.3	4.6
4H	-10.2	-9.6	-9.8	-9.3	-9.0	3.5	4.1	3.9	4.4	4.7
6H	-10.2	-9.7	-9.8	-9.3	-9.0	3.6	4.2	4.0	4.5	4.9
8H	-10.2	-9.7	-9.8	-9.4	-9.0	3.7	4.2	4.1	4.5	4.9
12H	-10.2	-9.8	-9.8	-9.4	-9.0	3.7	4.2	4.1	4.5	4.9
8H 4H	-9.9	-9.5	-9.5	-9.1	-8.7	3.4	3.8	3.8	4.2	4.6
6H	-9.9	-9.5	-9.4	-9.1	-8.6	3.5	3.9	3.9	4.3	4.7
8H	-9.9	-9.5	-9.4	-9.1	-8.6	3.6	3.9	4.0	4.3	4.8
12H	-9.8	-9.5	-9.4	-9.1	-8.6	3.6	3.9	4.1	4.4	4.9
12H 4H	-9.9	-9.4	-9.4	-9.0	-8.6	3.3	3.8	3.7	4.1	4.5
6H	-9.7	-9.4	-9.3	-9.0	-8.5	3.4	3.8	3.9	4.2	4.7
8H	-9.7	-9.4	-9.2	-8.9	-8.4	3.5	3.8	4.0	4.3	4.8
Variations with the observer position at spacings:										
S = 1.0H	+ 1.6 / - 2.4					+ 4.7 / - 4.4				
1.5H	+ 3.2 / - 1.8					+ 6.5 / - 6.1				
2.0H	+ 2.2 / - 1.7					+ 7.0 / - 4.7				

CIE Pub.117, 324.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -3.9)
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:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:324.049x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-20x55D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

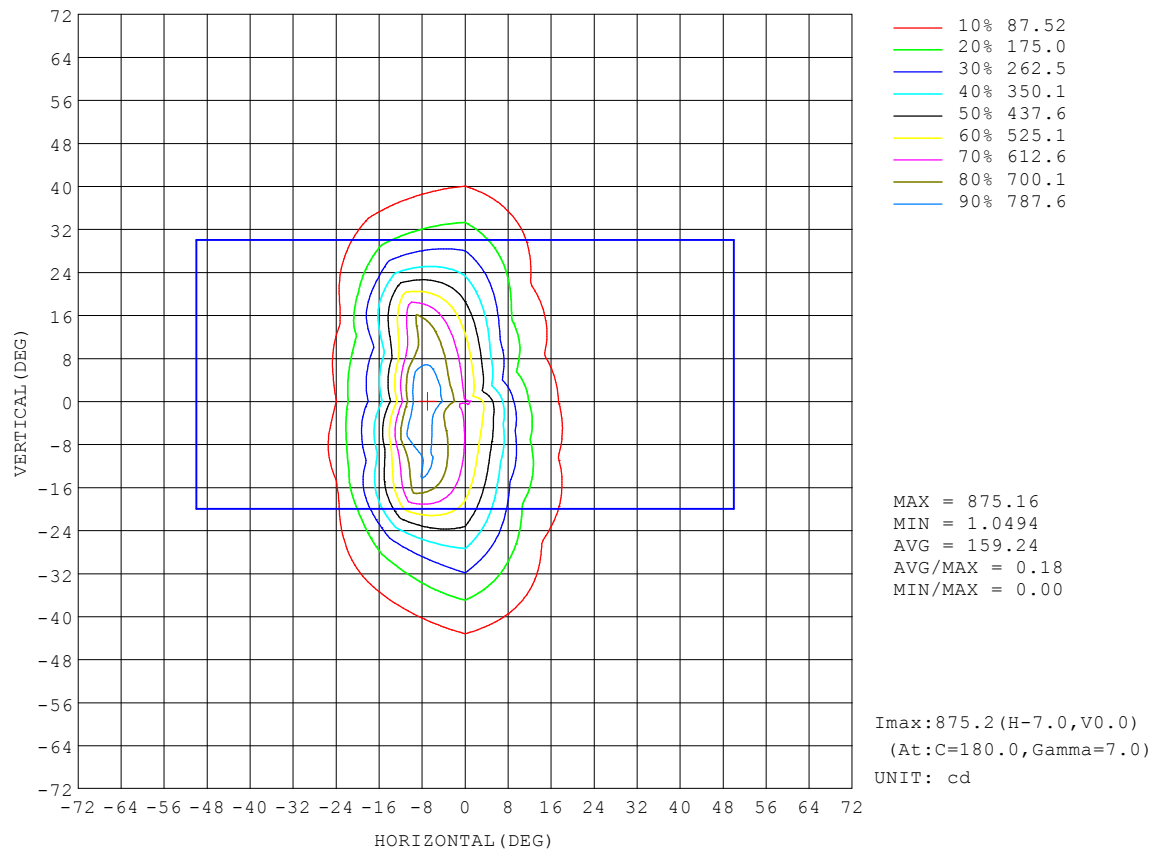
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	76	86	80	76	85	80	76	73
0.80	94	88	84	93	88	84	92	87	84	80
1.00	99	93	89	98	92	89	96	92	88	84
1.25	103	97	94	102	97	93	99	95	93	88
1.50	105	101	97	104	100	97	102	98	95	91
2.00	108	104	101	107	103	100	104	101	98	93
2.50	110	106	103	108	105	102	105	102	100	94
3.00	111	108	105	109	106	104	106	104	102	95
4.00	113	111	108	111	109	107	108	106	104	97
5.00	115	112	110	112	110	109	108	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:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:324.049x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-20x55D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

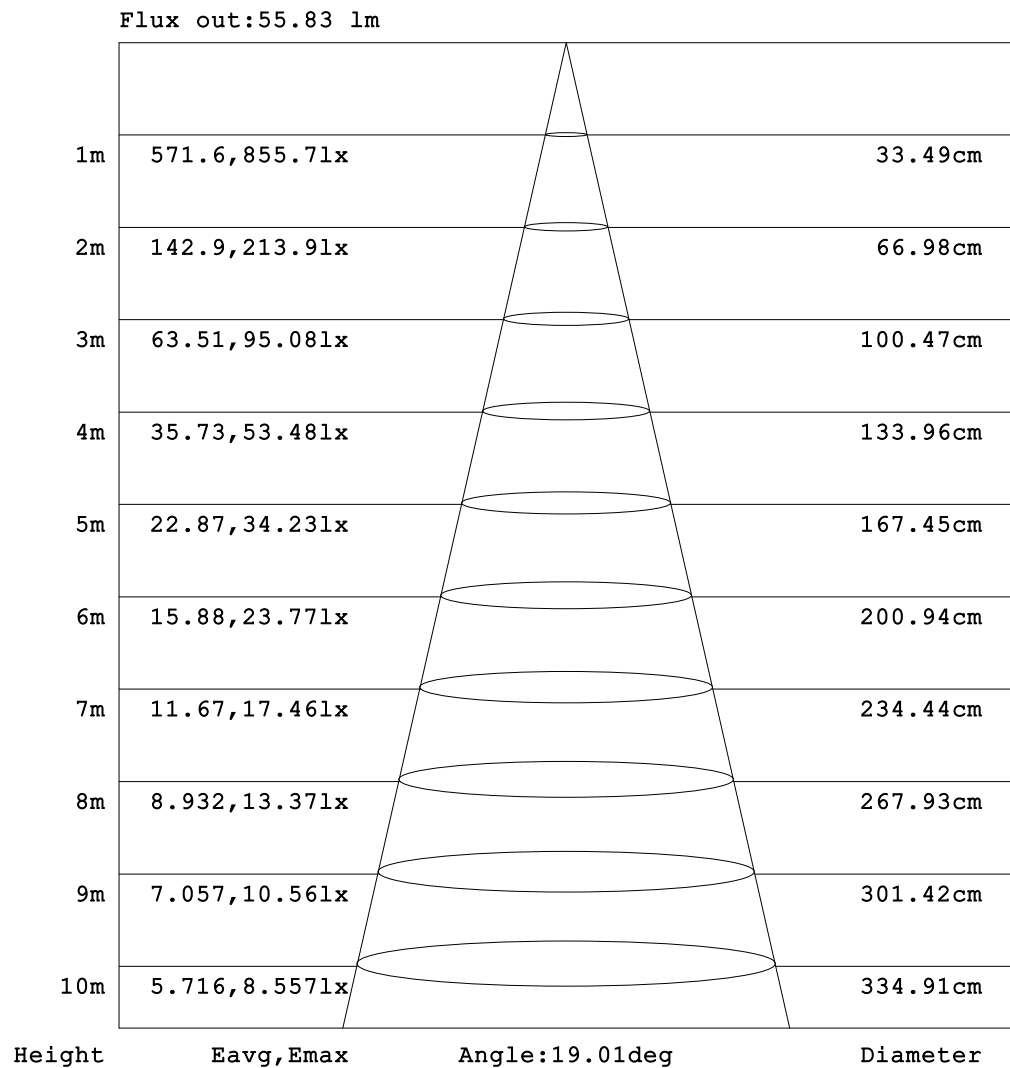


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

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:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:324.049x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-20x55D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



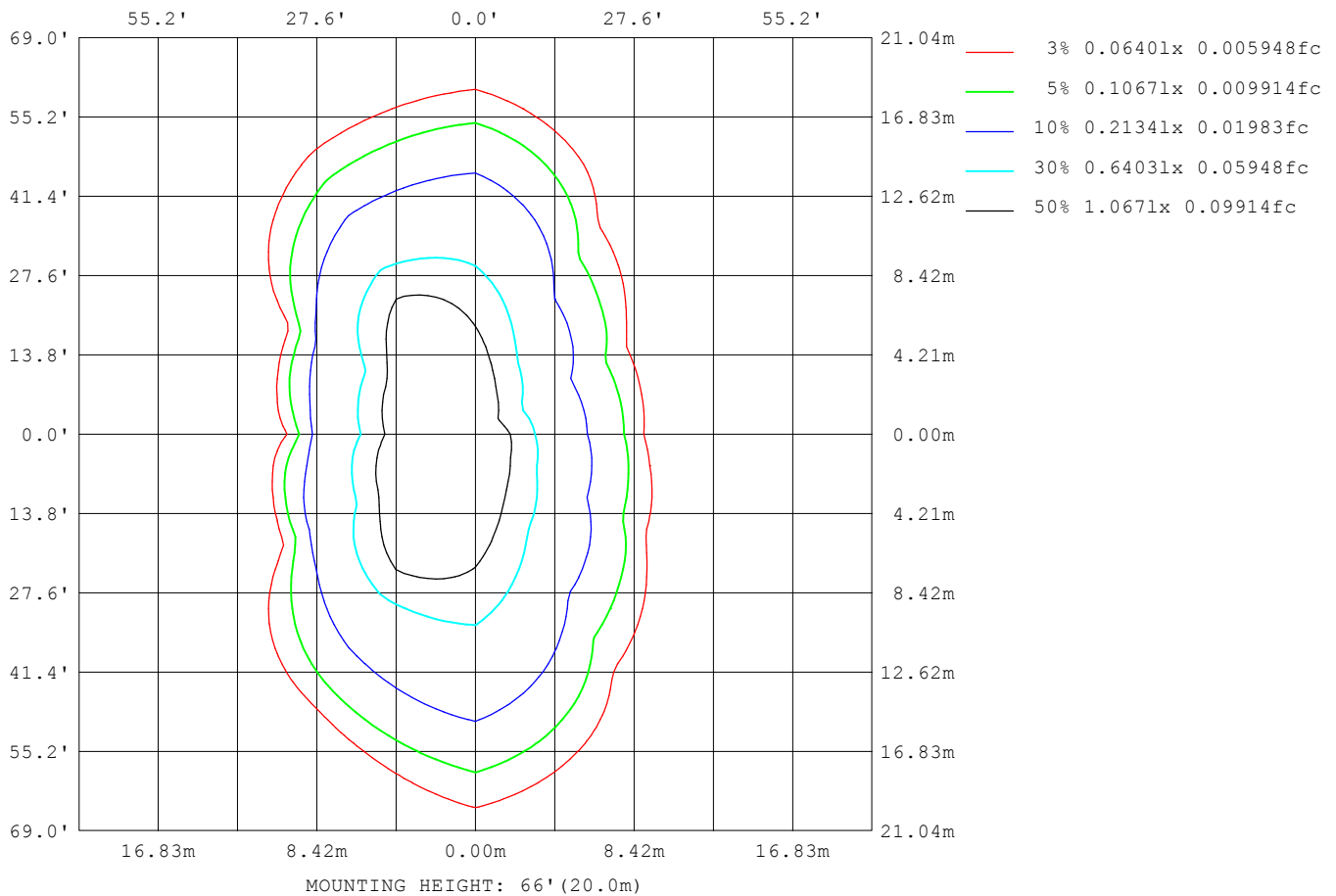
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:324.049x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-20x55D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:20x55 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:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:324.049x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-20x55D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

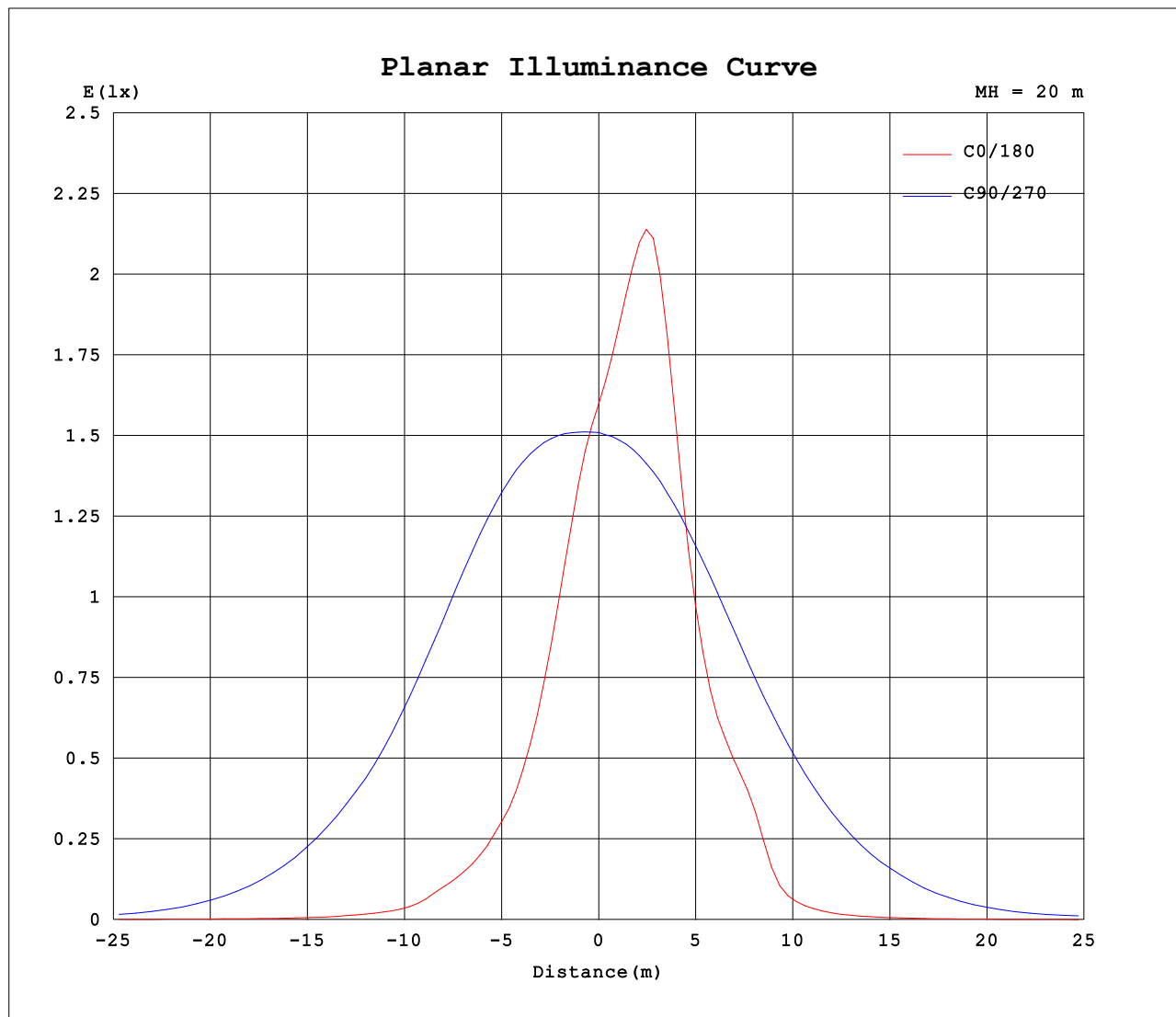
AvgL	cd/m2
L_0~180 (65) av	1
L_0~180 (75) av	1
L_0~180 (85) av	1
L_90~270 (65) av	26
L_90~270 (75) av	21
L_90~270 (85) av	13
L_45 (65) av	2
L_45 (75) av	1
L_45 (85) av	4

Standard: GB/T 29293-2012

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

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:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:324.049x1 lm		
NAME:Lumino Ground-500mm-RGBW GREEN-20x55D-REV2	TYPE:RGBW-GREEN	WEIGHT:00
SPEC.:20x55 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	616	604	591	578	640	636	616	604	591	578						
5	445	483	546	610	665	713	819	780	678	590	483	378						
10	228	288	431	605	759	860	760	825	739	554	340	200						
15	119	155	307	570	806	603	370	485	754	494	222	110						
20	63.4	88.5	204	499	681	303	219	251	652	412	137	62.9						
25	27.2	51.4	132	401	424	177	56.4	144	435	318	86.7	32.9						
30	12.7	22.9	84.0	297	227	42.5	16.7	34.9	246	228	55.3	14.5						
35	6.45	11.8	52.9	209	124	15.5	6.85	13.4	129	149	35.5	7.86						
40	4.05	6.32	33.1	129	57.9	6.83	3.56	6.12	66.9	87.6	19.4	4.39						
45	2.97	3.98	19.6	68.9	16.8	3.61	2.12	3.35	25.1	43.4	9.64	3.09						
50	2.09	2.76	9.57	31.1	7.48	2.16	1.43	2.05	8.14	21.7	5.20	2.17						
55	1.31	1.83	5.28	17.5	4.00	1.41	0.81	1.34	4.14	14.9	3.20	1.37						
60	0.95	1.09	3.28	12.6	2.43	0.78	0.47	0.73	2.58	11.4	2.04	0.94						
65	0.63	0.81	2.07	9.35	1.54	0.54	0.31	0.56	1.61	8.43	1.22	0.68						
70	0.40	0.55	1.21	6.58	0.92	0.41	0.19	0.42	0.93	5.97	0.76	0.46						
75	0.24	0.38	0.81	4.48	0.70	0.28	0.11	0.32	0.63	4.17	0.55	0.33						
80	0.12	0.26	0.61	2.60	0.54	0.21	0.05	0.25	0.49	2.18	0.43	0.23						
85	0.06	0.19	0.49	1.04	0.46	0.16	0.02	0.19	0.38	0.71	0.37	0.20						
90	0.04	0.17	0.42	0.56	0.41	0.14	0.02	0.16	0.35	0.51	0.37	0.17						
95	0.03	0.17	0.42	0.55	0.37	0.13	0.02	0.14	0.35	0.51	0.37	0.17						
100	0.03	0.17	0.42	0.55	0.37	0.13	0.02	0.14	0.35	0.52	0.37	0.16						
105	0.03	0.17	0.40	0.52	0.37	0.13	0.03	0.14	0.35	0.52	0.37	0.16						
110	0.03	0.17	0.39	0.52	0.34	0.13	0.03	0.14	0.35	0.52	0.37	0.15						
115	0.03	0.18	0.39	0.52	0.33	0.13	0.03	0.09	0.35	0.52	0.37	0.15						
120	0.03	0.18	0.41	0.53	0.31	0.13	0.03	0.04	0.35	0.52	0.37	0.14						
125	0.03	0.18	0.43	0.57	0.31	0.13	0.03	0.03	0.37	0.59	0.42	0.14						
130	0.06	0.21	0.53	0.66	0.37	0.14	0.04	0.03	0.41	0.70	0.53	0.14						
135	0.08	0.30	0.69	0.78	0.42	0.15	0.06	0.06	0.49	0.79	0.73	0.21						
140	0.21	0.51	0.88	0.96	0.48	0.19	0.09	0.12	0.63	0.97	0.96	0.42						
145	0.51	0.84	1.08	1.08	0.63	0.26	0.15	0.20	0.79	1.15	1.19	0.77						
150	0.97	1.21	1.24	1.23	0.87	0.41	0.28	0.42	0.98	1.27	1.36	1.17						
155	1.46	1.55	1.35	1.38	1.11	0.67	0.50	0.68	1.20	1.36	1.43	1.51						
160	1.80	1.71	1.45	1.51	1.39	1.04	0.86	1.04	1.50	1.48	1.55	1.68						
165	1.92	1.68	1.59	1.64	1.60	1.47	1.31	1.45	1.71	1.60	1.61	1.68						
170	1.85	1.68	1.71	1.77	1.78	1.77	1.68	1.71	1.83	1.73	1.74	1.66						
175	1.77	1.74	1.76	1.87	1.90	1.91	1.85	1.84	1.88	1.85	1.86	1.75						
180	1.81	1.84	1.85	1.90	1.91	1.91	1.85	1.85	1.88	1.89	1.90	1.88						

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