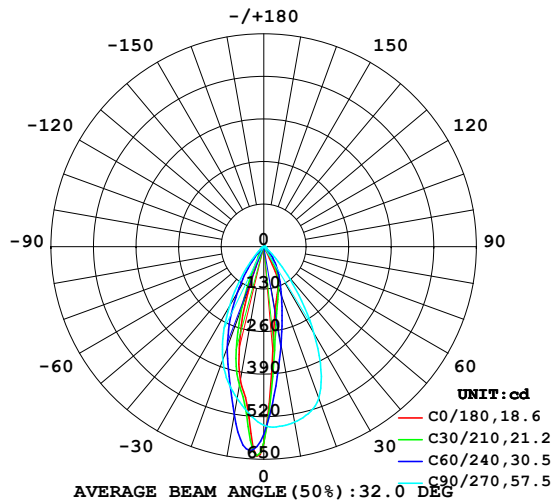


LUMINAIRE PHOTOMETRIC TEST REPORT

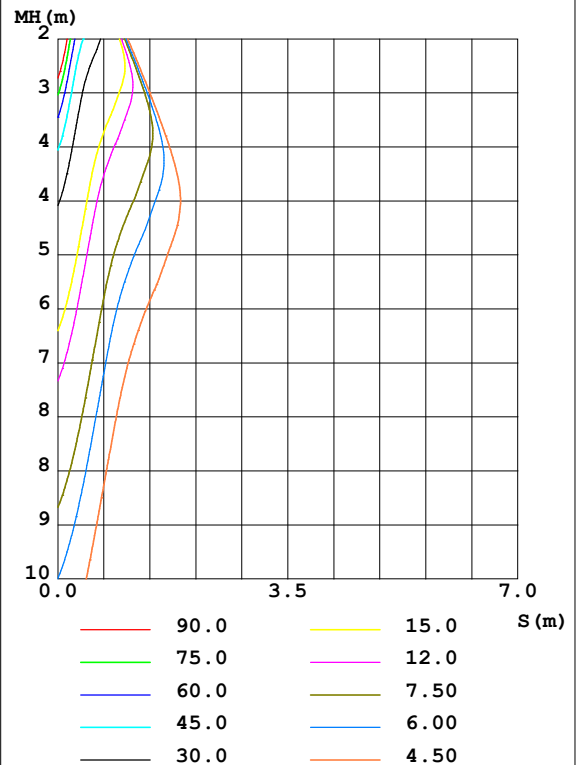
Test:U:220.04V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:254.81lx1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20x55D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 38.61 lm/W			
MODEL		I _{max} (cd)	641.2	S/MH(C0/180)	0.47
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.80
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	254.81	η UP,DN(C0-180)	0.4,53.3
NOMINAL FLUX(lm)	254.811	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,45.8
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:

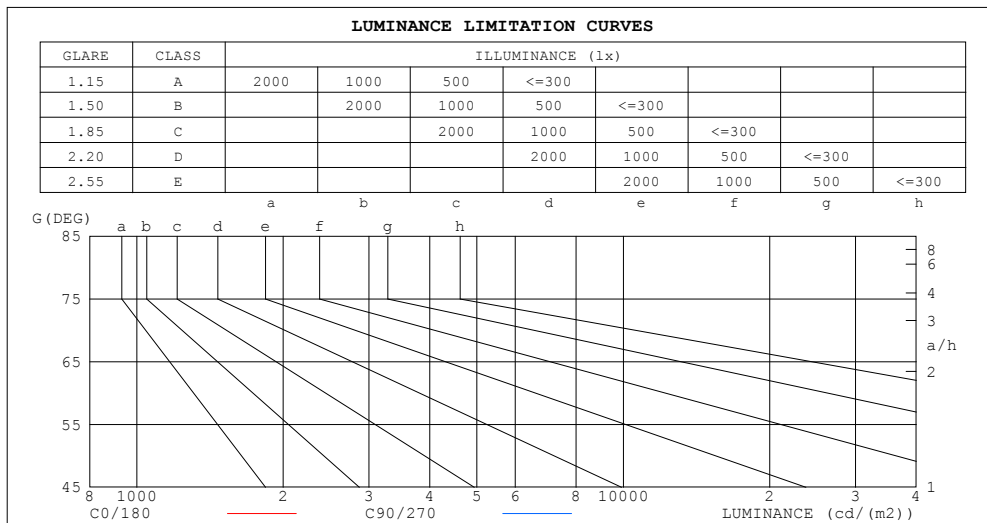
γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum, lamp
10	201.1	264.1	544.7	502.1	414.4	476.0	471.2	215.9	0- 10	42.33	42.33	16.6,16.6
20	129.8	145.0	492.5	295.5	115.0	260.9	367.3	124.0	10- 20	83.83	126.2	49.5,49.5
30	12.85	72.70	308.5	99.64	13.95	95.22	211.1	45.19	20- 30	72.08	198.2	77.8,77.8
40	2.763	22.35	112.6	20.52	2.839	23.61	74.39	17.25	30- 40	36.23	234.5	92,92
50	1.384	6.406	23.85	4.077	1.053	4.196	17.29	2.607	40- 50	11.86	246.3	96.7,96.7
60	0.5034	1.427	9.369	1.221	0.4196	1.259	8.380	0.9836	50- 60	3.392	249.7	98,98
70	0.2189	0.5866	4.962	0.5295	0.1792	0.5268	4.224	0.4066	60- 70	1.682	251.4	98.7,98.7
80	0.0745	0.2975	2.097	0.2975	0.0480	0.2821	1.502	0.2296	70- 80	0.8421	252.2	99,99
90	0.0307	0.2166	0.4155	0.2078	0.0131	0.1969	0.3893	0.1859	80- 90	0.3245	252.6	99.1,99.1
100	0.0219	0.2122	0.4112	0.1968	0.0175	0.1903	0.3937	0.1837	90-100	0.2192	252.8	99.2,99.2
110	0.0219	0.2012	0.3937	0.1881	0.0219	0.1903	0.3937	0.1881	100-110	0.2108	253.0	99.3,99.3
120	0.0219	0.2122	0.4025	0.1837	0.0219	0.1532	0.4068	0.1881	110-120	0.1936	253.2	99.4,99.4
130	0.0525	0.2450	0.4901	0.2187	0.0308	0.1860	0.5073	0.2342	120-130	0.1868	253.4	99.4,99.4
140	0.1266	0.4593	0.7176	0.3172	0.1314	0.3457	0.6996	0.4528	130-140	0.2362	253.6	99.5,99.5
150	0.5811	0.8225	0.9144	0.5708	0.3371	0.5907	0.9359	0.8353	140-150	0.3351	253.9	99.7,99.7
160	1.211	1.120	1.111	0.9930	0.7574	1.031	1.072	1.122	150-160	0.4024	254.4	99.8,99.8
170	1.330	1.227	1.308	1.330	1.295	1.332	1.268	1.229	160-170	0.3344	254.7	100,100
180	1.286	1.391	1.391	1.384	1.312	1.387	1.387	1.382	170-180	0.1263	254.8	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:220.04V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:254.811x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20x55D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



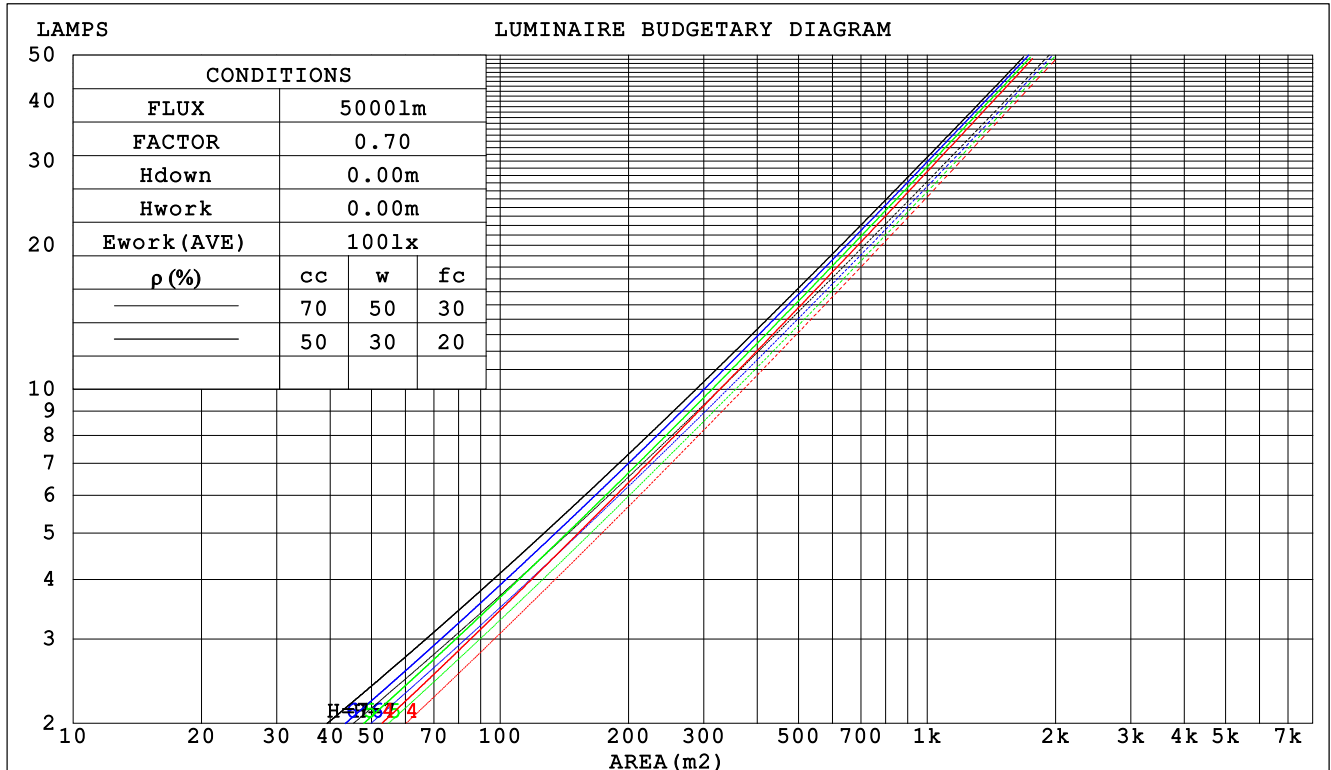
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.04V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:254.81lx1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20x55D-REV2	TYPE:RGBW-4000K	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	1.06	1.09	1.07	1.05	1.04	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.04	.90	.97	1.02	.98	.96	.99	.96	.93	.96	.93	.91	.93	.91	.89	.88
3.0	.97	.93	.89	.96	.92	.88	.93	.90	.87	.91	.88	.85	.88	.86	.84	.82
4.0	.92	.86	.82	.90	.86	.82	.88	.84	.81	.86	.83	.80	.84	.81	.79	.77
5.0	.86	.81	.77	.85	.80	.77	.84	.79	.76	.82	.78	.75	.80	.77	.74	.73
6.0	.82	.76	.72	.81	.76	.72	.79	.75	.71	.78	.74	.71	.77	.73	.70	.69
7.0	.78	.72	.68	.77	.72	.68	.76	.71	.68	.74	.70	.67	.73	.70	.67	.65
8.0	.74	.68	.64	.73	.68	.64	.72	.67	.64	.71	.67	.64	.70	.66	.63	.62
9.0	.70	.65	.61	.70	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.60	.59
10.0	.67	.62	.58	.67	.61	.58	.66	.61	.58	.65	.61	.58	.64	.60	.57	.56



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:

WEC AND CCEC

Test:U:220.04V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:254.81lx1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20x55D-REV2	TYPE:RGBW-4000K	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	.171	.097	.031	.164	.094	.030	.151	.087	.028	.139	.080	.026	.128	.074	.024		
2.0	.162	.089	.027	.156	.086	.027	.145	.081	.025	.135	.076	.024	.126	.071	.022		
3.0	.153	.082	.024	.148	.080	.024	.139	.075	.023	.130	.071	.022	.122	.068	.021		
4.0	.145	.076	.022	.141	.074	.022	.133	.071	.021	.126	.067	.020	.119	.064	.020		
5.0	.138	.070	.020	.134	.069	.020	.127	.066	.020	.121	.064	.019	.115	.061	.018		
6.0	.131	.066	.019	.128	.065	.019	.122	.062	.018	.116	.060	.018	.111	.058	.017		
7.0	.125	.062	.018	.122	.061	.017	.117	.059	.017	.112	.057	.017	.107	.056	.016		
8.0	.120	.058	.016	.117	.058	.016	.112	.056	.016	.108	.055	.016	.103	.053	.015		
9.0	.115	.055	.015	.112	.055	.015	.108	.053	.015	.104	.052	.015	.100	.051	.015		
10.0	.110	.053	.015	.108	.052	.015	.104	.051	.014	.100	.050	.014	.097	.049	.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	.197	.197	.197	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.177	.164	.152	.152	.141	.131	.104	.097	.091	.060	.056	.053	.019	.018	.017	
2.0	.162	.139	.121	.139	.120	.104	.095	.083	.073	.055	.048	.043	.018	.016	.014	
3.0	.149	.120	.098	.128	.104	.085	.088	.072	.059	.051	.042	.035	.016	.014	.011	
4.0	.138	.106	.081	.119	.091	.070	.082	.064	.049	.047	.037	.029	.015	.012	.010	
5.0	.129	.094	.068	.111	.081	.059	.076	.057	.042	.044	.033	.025	.014	.011	.008	
6.0	.121	.084	.058	.104	.073	.050	.072	.051	.036	.042	.030	.021	.013	.010	.007	
7.0	.115	.077	.050	.099	.066	.044	.068	.047	.031	.040	.027	.018	.013	.009	.006	
8.0	.109	.070	.044	.094	.061	.038	.065	.043	.027	.038	.025	.016	.012	.008	.005	
9.0	.103	.065	.039	.089	.057	.034	.062	.040	.024	.036	.023	.014	.012	.008	.005	
10.0	.099	.061	.035	.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:220.04V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:254.81lx1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20x55D-REV2	TYPE:RGBW-4000K	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	-9.3	-8.4	-9.0	-8.2	-8.0	4.8	5.6	5.0	5.8	6.0
3H	-9.4	-8.6	-9.1	-8.4	-8.2	4.8	5.6	5.1	5.8	6.0
4H	-9.4	-8.7	-9.2	-8.5	-8.2	4.8	5.6	5.1	5.8	6.1
6H	-9.5	-8.8	-9.2	-8.5	-8.3	4.9	5.6	5.2	5.9	6.1
8H	-9.6	-8.9	-9.2	-8.6	-8.3	4.9	5.6	5.2	5.8	6.1
12H	-9.6	-8.9	-9.3	-8.6	-8.4	4.9	5.5	5.2	5.8	6.1
4H 2H	-9.1	-8.3	-8.8	-8.1	-7.9	4.5	5.3	4.8	5.5	5.7
3H	-9.2	-8.5	-8.8	-8.2	-7.9	4.5	5.2	4.9	5.5	5.8
4H	-9.2	-8.6	-8.9	-8.3	-8.0	4.6	5.2	5.0	5.5	5.8
6H	-9.3	-8.7	-8.9	-8.4	-8.0	4.7	5.2	5.1	5.5	5.9
8H	-9.3	-8.8	-8.9	-8.4	-8.1	4.7	5.2	5.1	5.5	5.9
12H	-9.3	-8.9	-8.9	-8.5	-8.1	4.7	5.1	5.1	5.5	5.9
8H 4H	-9.1	-8.6	-8.7	-8.3	-7.9	4.4	4.9	4.8	5.3	5.7
6H	-9.1	-8.7	-8.7	-8.3	-7.9	4.5	4.9	5.0	5.3	5.8
8H	-9.2	-8.8	-8.7	-8.4	-7.9	4.6	4.9	5.0	5.3	5.8
12H	-9.2	-8.9	-8.7	-8.4	-7.9	4.6	4.9	5.1	5.3	5.8
12H 4H	-9.1	-8.6	-8.7	-8.2	-7.8	4.4	4.8	4.8	5.2	5.6
6H	-9.1	-8.7	-8.6	-8.3	-7.8	4.5	4.8	4.9	5.3	5.7
8H	-9.0	-8.7	-8.6	-8.3	-7.8	4.5	4.8	5.0	5.3	5.7
Variations with the observer position at spacings:										
S = 1.0H	+ 2.4 / - 4.1					+ 4.8 / - 5.6				
1.5H	+ 5.7 / - 3.1					+ 6.7 / - 7.2				
2.0H	+ 2.5 / - 2.0					+ 6.9 / - 5.1				

CIE Pub.117, 254.8 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -4.8$)
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:220.04V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:254.81lx1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20x55D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

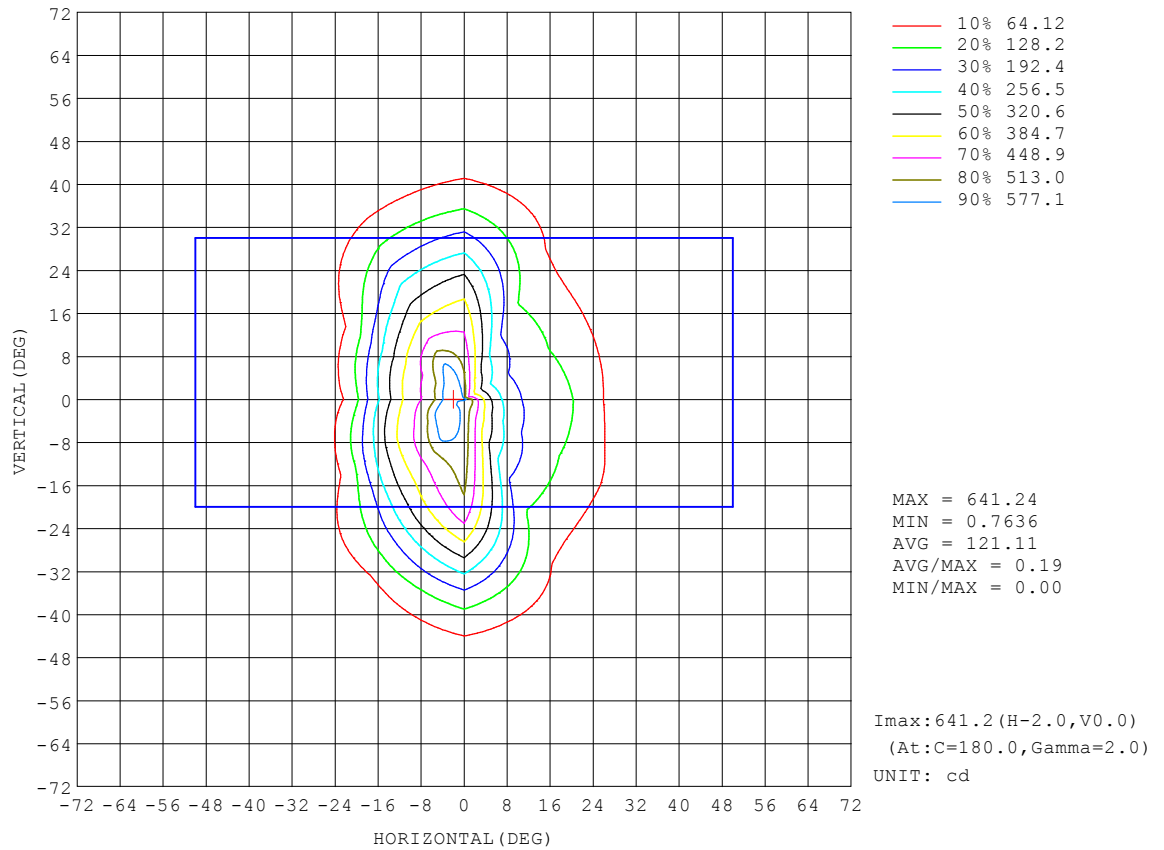
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	80	76	86	80	76	85	80	76	72
0.80	94	88	84	93	88	84	92	87	84	80
1.00	99	93	89	98	92	89	96	92	88	84
1.25	103	97	94	101	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:220.04V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:254.81lx1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20x55D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

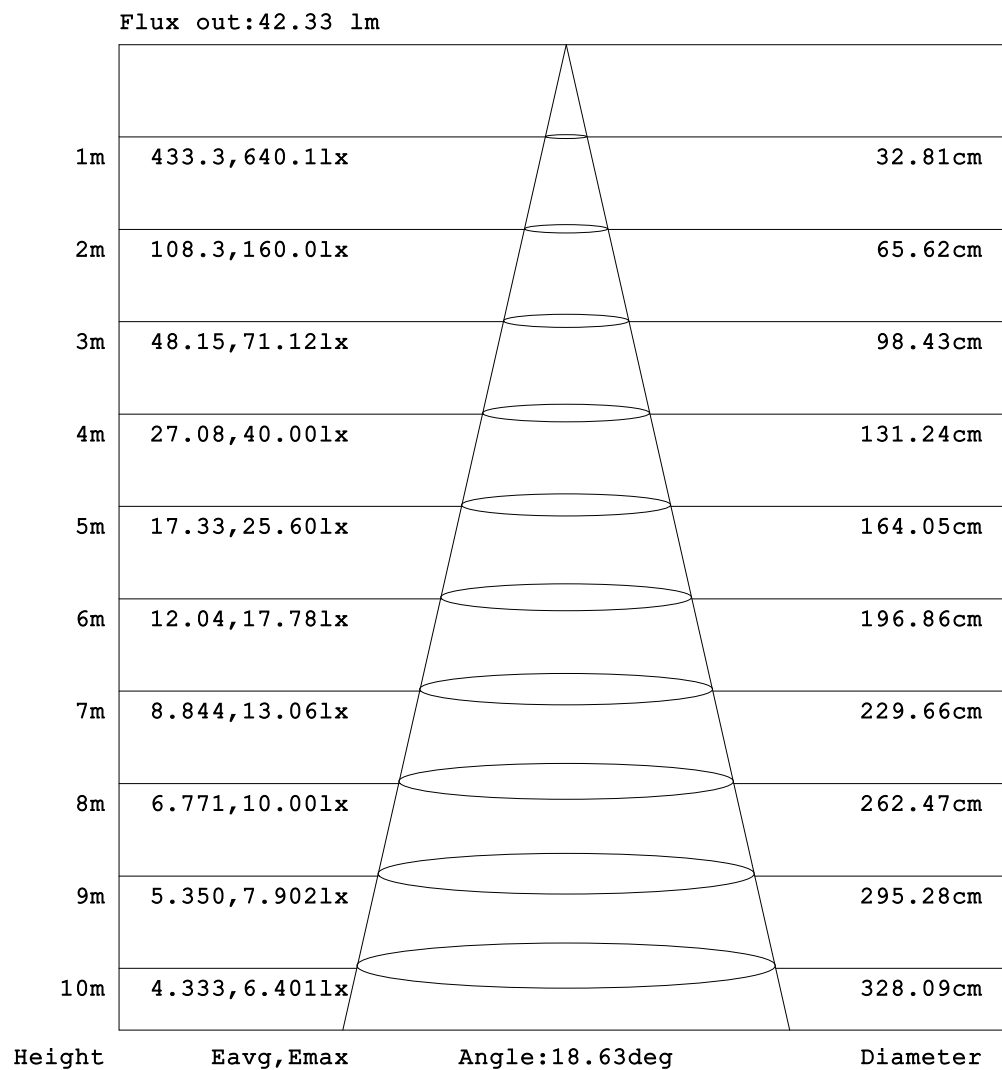


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

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:

AAI Figure

Test:U:220.04V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:254.81lx1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20x55D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



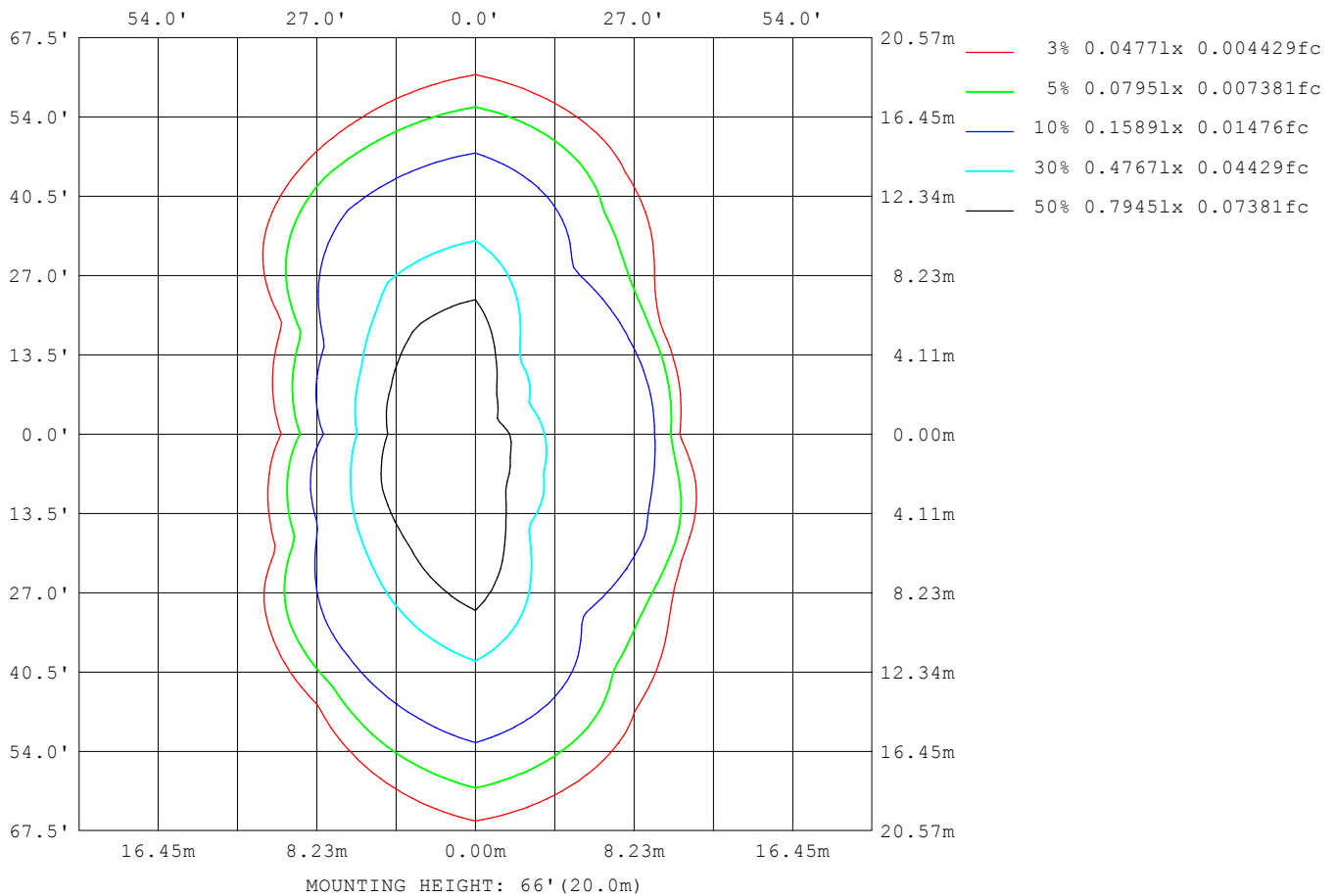
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:220.04V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:254.81lx1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20x55D-REV2	TYPE:RGBW-4000K	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:220.04V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:254.811x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20x55D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

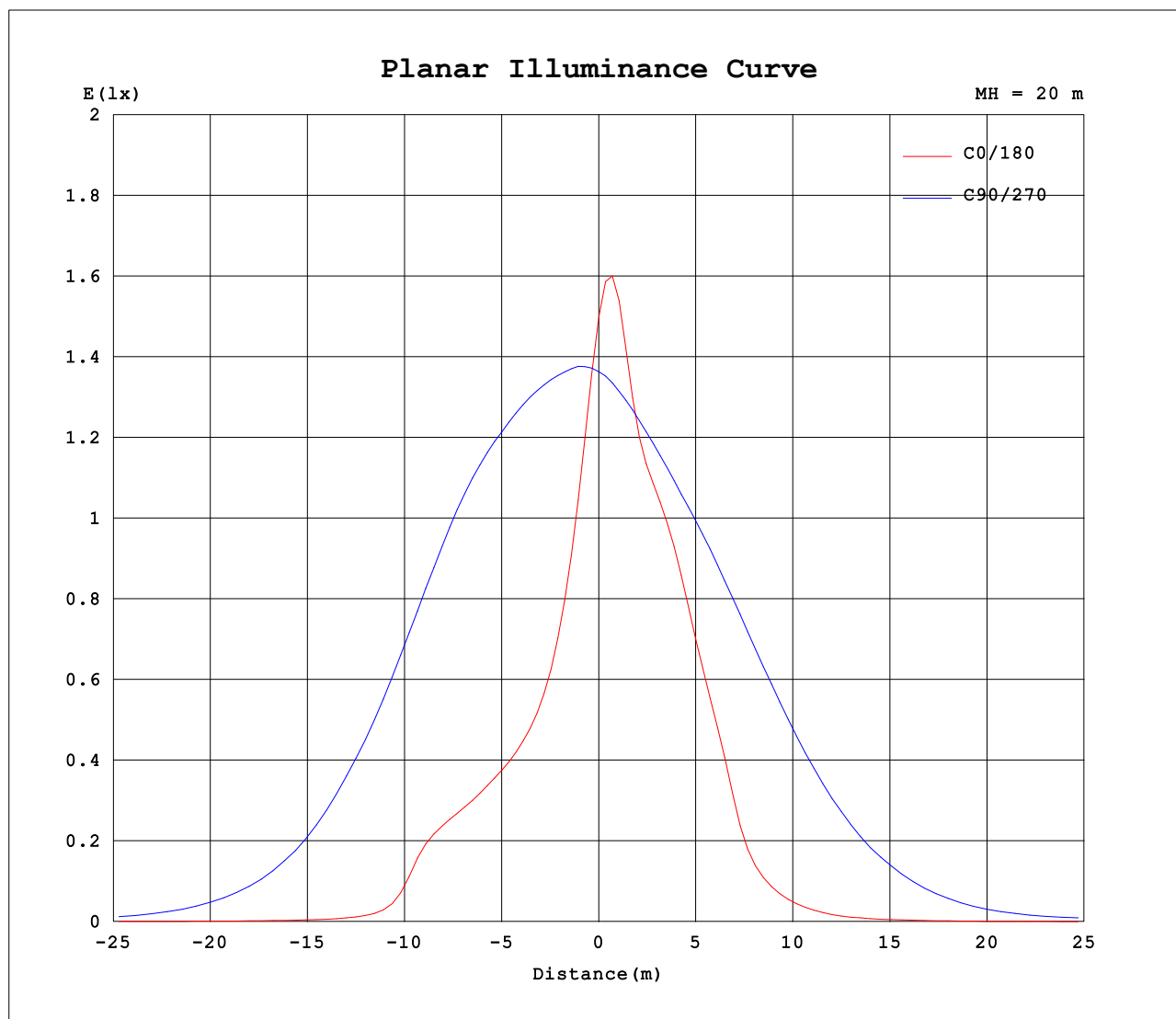
AvgL	cd/m2
L_0~180 (65) av	1
L_0~180 (75) av	1
L_0~180 (85) av	0
L_90~270 (65) av	19
L_90~270 (75) av	15
L_90~270 (85) av	10
L_45 (65) av	1
L_45 (75) av	1
L_45 (85) av	3

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
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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:220.04V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:254.81lx1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-20x55D-REV2	TYPE:RGBW-4000K	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	599	599	573	545	518	488	599	599	573	545	518	488						
5	322	355	427	551	629	624	525	552	620	513	353	272						
10	201	223	305	545	544	460	414	431	521	471	246	186						
15	158	167	218	528	434	371	279	326	411	426	176	146						
20	130	132	158	493	353	238	115	196	326	367	130	118						
25	84.9	102	118	414	259	90.1	37.2	72.5	245	293	97.0	86.4						
30	12.9	59.4	86.0	309	165	34.4	13.9	29.1	161	211	70.8	19.5						
35	4.59	11.0	60.4	202	86.5	13.8	5.70	11.8	94.6	134	49.7	5.93						
40	2.76	4.45	40.3	113	35.2	5.81	2.84	5.19	42.0	74.4	31.4	3.08						
45	1.96	2.71	24.9	55.0	15.0	2.93	1.60	2.68	16.8	35.3	10.1	2.11						
50	1.38	1.84	11.0	23.9	6.49	1.66	1.05	1.59	6.80	17.3	3.71	1.50						
55	0.81	1.24	3.73	13.1	3.18	1.06	0.62	1.01	3.15	11.4	2.17	0.92						
60	0.50	0.67	2.18	9.37	1.82	0.62	0.42	0.59	1.93	8.38	1.41	0.56						
65	0.33	0.47	1.44	7.01	1.16	0.46	0.30	0.46	1.21	6.08	0.86	0.40						
70	0.22	0.32	0.85	4.96	0.71	0.35	0.18	0.36	0.69	4.22	0.52	0.29						
75	0.14	0.23	0.57	3.43	0.53	0.24	0.10	0.27	0.47	2.91	0.38	0.22						
80	0.07	0.16	0.43	2.10	0.42	0.17	0.05	0.21	0.35	1.50	0.30	0.16						
85	0.05	0.13	0.37	0.83	0.34	0.13	0.01	0.16	0.29	0.53	0.26	0.13						
90	0.03	0.12	0.32	0.42	0.31	0.11	0.01	0.12	0.27	0.39	0.26	0.11						
95	0.02	0.12	0.31	0.41	0.28	0.11	0.01	0.11	0.27	0.39	0.26	0.10						
100	0.02	0.12	0.31	0.41	0.28	0.11	0.02	0.11	0.27	0.39	0.26	0.10						
105	0.02	0.12	0.29	0.39	0.28	0.11	0.02	0.11	0.27	0.39	0.27	0.10						
110	0.02	0.12	0.28	0.39	0.27	0.11	0.02	0.11	0.27	0.39	0.27	0.10						
115	0.02	0.12	0.28	0.39	0.26	0.11	0.02	0.07	0.28	0.40	0.27	0.10						
120	0.02	0.12	0.30	0.40	0.26	0.11	0.02	0.03	0.28	0.41	0.27	0.10						
125	0.03	0.12	0.31	0.43	0.26	0.11	0.02	0.03	0.29	0.43	0.29	0.10						
130	0.05	0.14	0.35	0.49	0.31	0.13	0.03	0.03	0.34	0.51	0.36	0.10						
135	0.06	0.21	0.45	0.58	0.35	0.16	0.07	0.08	0.41	0.57	0.49	0.14						
140	0.13	0.33	0.59	0.72	0.42	0.22	0.13	0.15	0.54	0.70	0.65	0.26						
145	0.32	0.51	0.73	0.81	0.54	0.30	0.23	0.23	0.67	0.83	0.80	0.45						
150	0.58	0.78	0.87	0.91	0.72	0.42	0.34	0.39	0.79	0.94	0.95	0.72						
155	0.92	1.04	0.97	1.02	0.89	0.63	0.50	0.61	0.94	0.98	1.03	0.99						
160	1.21	1.20	1.04	1.11	1.07	0.91	0.76	0.90	1.17	1.07	1.10	1.14						
165	1.33	1.22	1.17	1.21	1.22	1.16	1.05	1.15	1.28	1.18	1.16	1.19						
170	1.33	1.22	1.23	1.31	1.31	1.35	1.30	1.31	1.36	1.27	1.27	1.19						
175	1.29	1.27	1.30	1.38	1.38	1.40	1.33	1.36	1.40	1.36	1.37	1.26						
180	1.29	1.40	1.38	1.39	1.38	1.39	1.31	1.37	1.40	1.39	1.39	1.38						

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