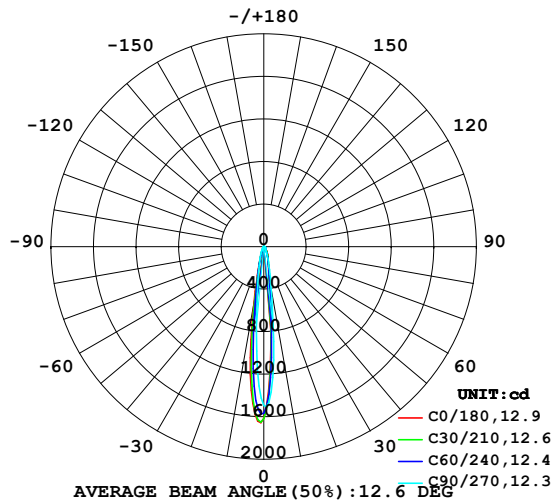


LUMINAIRE PHOTOMETRIC TEST REPORT

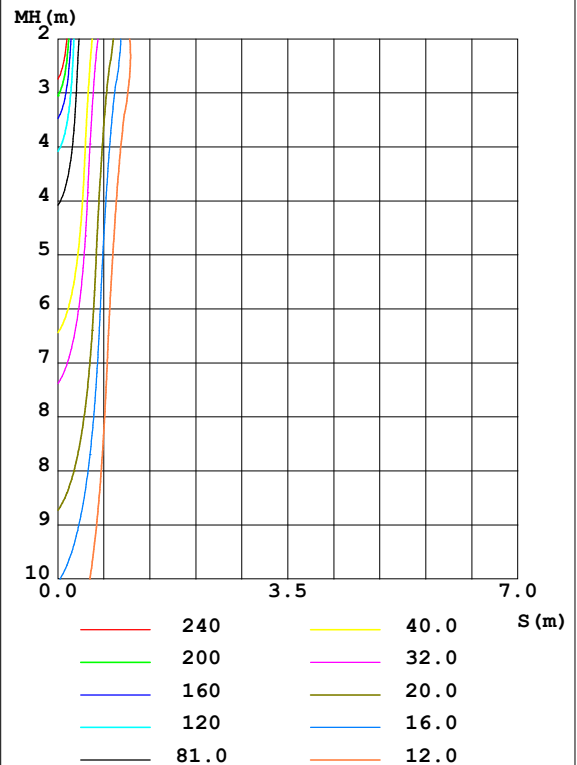
Test:U:220.02V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:180.787x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW 3000K-13D-REV2	TYPE:RGBW-3000K	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 27.39 lm/W			
MODEL	34.11	I _{max} (cd)	1657	S/MH(C0/180)	0.28
NOMINAL POWER(W)	23.28	LOR(%)	100.0	S/MH(C90/270)	0.19
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	180.79	η UP,DN(C0-180)	0.4,54.2
NOMINAL FLUX(lm)	180.787	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,45.0
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	298.0	317.0	407.2	664.4	553.5	442.7	314.1	250.4	0- 10	75.87	75.87	42,42
20	121.2	115.2	111.4	99.85	70.63	74.24	96.13	102.8	10- 20	53.27	129.1	71.4,71.4
30	64.52	54.11	41.11	22.81	15.92	17.95	35.67	48.77	20- 30	27.99	157.1	86.9,86.9
40	14.06	20.92	16.52	6.288	4.350	5.137	14.04	17.14	30- 40	14.25	171.4	94.8,94.8
50	1.272	4.767	6.237	2.281	0.9739	1.837	5.683	4.173	40- 50	5.170	176.6	97.7,97.7
60	0.3852	1.124	2.518	0.9277	0.3321	0.7650	2.324	1.040	50- 60	1.786	178.3	98.6,98.6
70	0.1663	0.2516	0.8912	0.3589	0.1705	0.2820	0.7883	0.2295	60- 70	0.6488	179.0	99,99
80	0.0744	0.1225	0.1967	0.2297	0.1487	0.1246	0.2276	0.1159	70- 80	0.2406	179.2	99.1,99.1
90	0.0175	0.0766	0.1269	0.2012	0.1487	0.0744	0.1444	0.0766	80- 90	0.1377	179.4	99.2,99.2
100	0.0175	0.0744	0.1269	0.1925	0.1400	0.0765	0.1400	0.0744	90-100	0.1156	179.5	99.3,99.3
110	0.0175	0.0722	0.1269	0.1815	0.1050	0.0678	0.1356	0.0744	100-110	0.1081	179.6	99.3,99.3
120	0.0175	0.0744	0.1312	0.1531	0.0919	0.0831	0.1356	0.0766	110-120	0.0939	179.7	99.4,99.4
130	0.0175	0.0809	0.1575	0.1575	0.1138	0.1093	0.1356	0.0809	120-130	0.0890	179.8	99.4,99.4
140	0.0525	0.1312	0.2233	0.2318	0.2058	0.1881	0.1399	0.1291	130-140	0.0988	179.9	99.5,99.5
150	0.4192	0.4594	0.4904	0.4374	0.3941	0.3807	0.4065	0.4353	140-150	0.1639	180.0	99.6,99.6
160	1.124	1.126	1.098	1.034	0.9631	0.9667	0.9969	1.063	150-160	0.3292	180.4	99.8,99.8
170	1.125	1.091	1.120	1.249	1.216	1.170	1.094	0.9973	160-170	0.3265	180.7	99.9,99.9
180	0.8442	0.8596	0.8617	0.8814	0.8530	0.8705	0.8705	0.8617	170-180	0.0968	180.8	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:2025-08-12

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:220.02V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:180.787x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW 3000K-13D-REV2	TYPE:RGBW-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	1	2
80	1	1
75	1	2
70	1	3
65	1	5
60	1	6
55	1	9
50	2	12
45	7	18

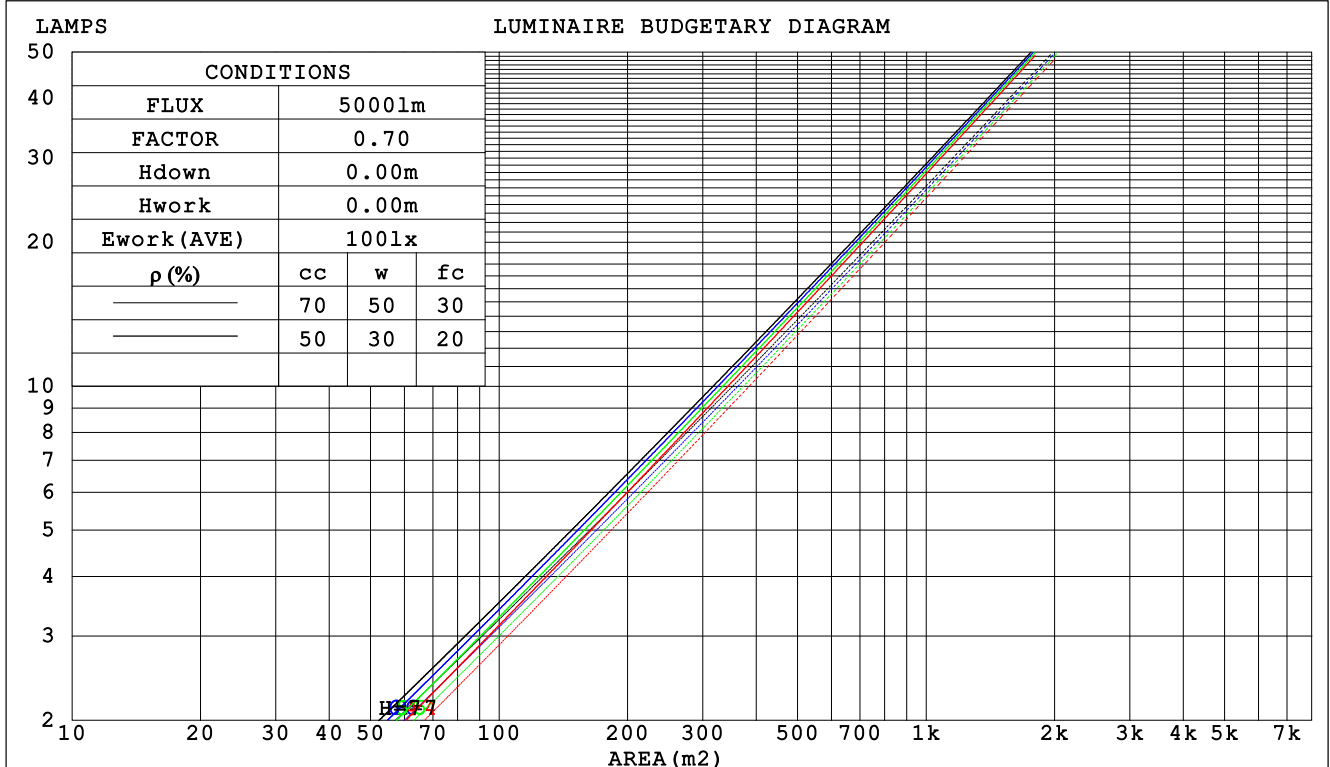
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-12

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:220.02V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:180.787x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW 3000K-13D-REV2	TYPE:RGBW-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	1.12	1.10	1.09	1.10	1.08	1.07	1.06	1.05	1.03	1.02	1.01	1.00	.99	.98	.97	.95
2.0	1.07	1.04	1.01	1.05	1.02	.00	1.02	.00	.98	.99	.97	.95	.96	.95	.93	.92
3.0	1.02	.98	.95	1.01	.97	.94	.98	.95	.93	.96	.93	.91	.93	.91	.90	.88
4.0	.98	.94	.90	.97	.93	.90	.94	.91	.89	.92	.90	.88	.91	.88	.87	.85
5.0	.94	.90	.86	.93	.89	.86	.91	.88	.85	.90	.87	.84	.88	.86	.84	.82
6.0	.90	.86	.83	.90	.86	.83	.88	.85	.82	.87	.84	.82	.86	.83	.81	.80
7.0	.87	.83	.80	.87	.83	.80	.86	.82	.79	.85	.81	.79	.84	.81	.79	.78
8.0	.85	.80	.78	.84	.80	.77	.83	.80	.77	.82	.79	.77	.81	.78	.76	.75
9.0	.82	.78	.75	.82	.78	.75	.81	.77	.75	.80	.77	.75	.79	.76	.74	.73
10.0	.80	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.73	.78	.75	.72	.71



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:220.02V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:180.787x1 lm					
NAME:LuminoFlex Ground-500mm-RGBW 3000K-13D-REV2			TYPE:RGBW-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	.143	.081	.026	.136	.078	.025	.123	.071	.023	.111	.064	.021	.100	.058	.019	
2.0	.133	.073	.022	.127	.070	.022	.117	.065	.020	.107	.060	.019	.098	.055	.017	
3.0	.124	.066	.020	.119	.064	.019	.110	.060	.018	.102	.056	.017	.094	.052	.016	
4.0	.116	.061	.018	.112	.059	.017	.105	.056	.017	.098	.052	.016	.091	.050	.015	
5.0	.110	.056	.016	.106	.054	.016	.100	.052	.015	.093	.049	.015	.088	.047	.014	
6.0	.103	.052	.015	.100	.051	.015	.095	.049	.014	.089	.046	.014	.085	.044	.013	
7.0	.098	.048	.014	.095	.048	.014	.090	.046	.013	.086	.044	.013	.081	.042	.012	
8.0	.093	.045	.013	.091	.045	.013	.086	.043	.012	.082	.042	.012	.078	.040	.012	
9.0	.089	.043	.012	.087	.042	.012	.083	.041	.012	.079	.040	.011	.076	.038	.011	
10.0	.085	.041	.011	.083	.040	.011	.079	.039	.011	.076	.038	.011	.073	.037	.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	.164	.154	.150	.140	.132	.102	.097	.091	.059	.056	.053	.019	.018	.017	
2.0	.157	.139	.123	.135	.119	.107	.092	.083	.074	.053	.048	.044	.017	.016	.014	
3.0	.143	.119	.101	.122	.103	.088	.084	.072	.061	.048	.042	.036	.016	.014	.012	
4.0	.130	.104	.084	.112	.090	.073	.077	.063	.052	.044	.037	.030	.014	.012	.010	
5.0	.120	.092	.071	.103	.080	.062	.071	.056	.044	.041	.033	.026	.013	.011	.009	
6.0	.111	.082	.061	.095	.071	.053	.066	.050	.038	.038	.029	.022	.012	.010	.007	
7.0	.104	.074	.053	.089	.064	.046	.062	.045	.033	.036	.026	.020	.012	.009	.006	
8.0	.097	.067	.047	.083	.058	.041	.058	.041	.029	.034	.024	.017	.011	.008	.006	
9.0	.091	.062	.041	.079	.053	.036	.054	.038	.026	.032	.022	.015	.010	.007	.005	
10.0	.086	.057	.037	.074	.049	.032	.052	.035	.023	.030	.021	.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:220.02V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:180.787x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW 3000K-13D-REV2	TYPE:RGBW-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	-1.8	-1.1	-1.6	-1.0	-0.8	-1.8	-1.1	-1.5	-0.9	-0.7
3H	-1.9	-1.3	-1.7	-1.1	-0.9	-1.8	-1.1	-1.5	-0.9	-0.7
4H	-2.0	-1.4	-1.8	-1.2	-1.0	-1.8	-1.2	-1.5	-1.0	-0.8
6H	-2.1	-1.5	-1.8	-1.3	-1.0	-1.9	-1.3	-1.6	-1.1	-0.8
8H	-2.2	-1.6	-1.8	-1.3	-1.1	-1.9	-1.4	-1.6	-1.1	-0.8
12H	-2.2	-1.7	-1.9	-1.4	-1.1	-2.0	-1.4	-1.6	-1.1	-0.9
4H 2H	-2.0	-1.4	-1.7	-1.2	-0.9	-2.0	-1.4	-1.7	-1.1	-0.9
3H	-2.1	-1.6	-1.8	-1.3	-1.1	-2.0	-1.5	-1.7	-1.2	-0.9
4H	-2.2	-1.8	-1.9	-1.4	-1.1	-2.0	-1.6	-1.7	-1.3	-0.9
6H	-2.3	-1.9	-2.0	-1.6	-1.2	-2.1	-1.7	-1.7	-1.3	-1.0
8H	-2.4	-2.0	-2.0	-1.6	-1.3	-2.1	-1.7	-1.7	-1.4	-1.0
12H	-2.4	-2.1	-2.0	-1.7	-1.3	-2.2	-1.8	-1.8	-1.4	-1.0
8H 4H	-2.4	-2.0	-2.0	-1.6	-1.2	-2.2	-1.8	-1.8	-1.4	-1.1
6H	-2.5	-2.2	-2.1	-1.8	-1.3	-2.3	-1.9	-1.8	-1.5	-1.1
8H	-2.6	-2.3	-2.1	-1.8	-1.4	-2.3	-2.0	-1.8	-1.6	-1.1
12H	-2.6	-2.4	-2.1	-1.9	-1.4	-2.3	-2.1	-1.8	-1.6	-1.1
12H 4H	-2.4	-2.1	-2.0	-1.7	-1.3	-2.3	-1.9	-1.8	-1.5	-1.1
6H	-2.6	-2.3	-2.1	-1.8	-1.4	-2.3	-2.0	-1.9	-1.6	-1.1
8H	-2.6	-2.4	-2.1	-1.9	-1.4	-2.3	-2.1	-1.9	-1.6	-1.2
Variations with the observer position at spacings:										
S = 1.0H	+ 3.0 / -13.4					+ 2.0 / - 4.2				
1.5H	+ 5.4 / -11.6					+ 2.8 / - 3.1				
2.0H	+ 5.5 / - 6.1					+ 4.1 / - 6.0				

CIE Pub.117, 180.8 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -5.9)
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:220.02V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:180.787x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW 3000K-13D-REV2	TYPE:RGBW-3000K	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

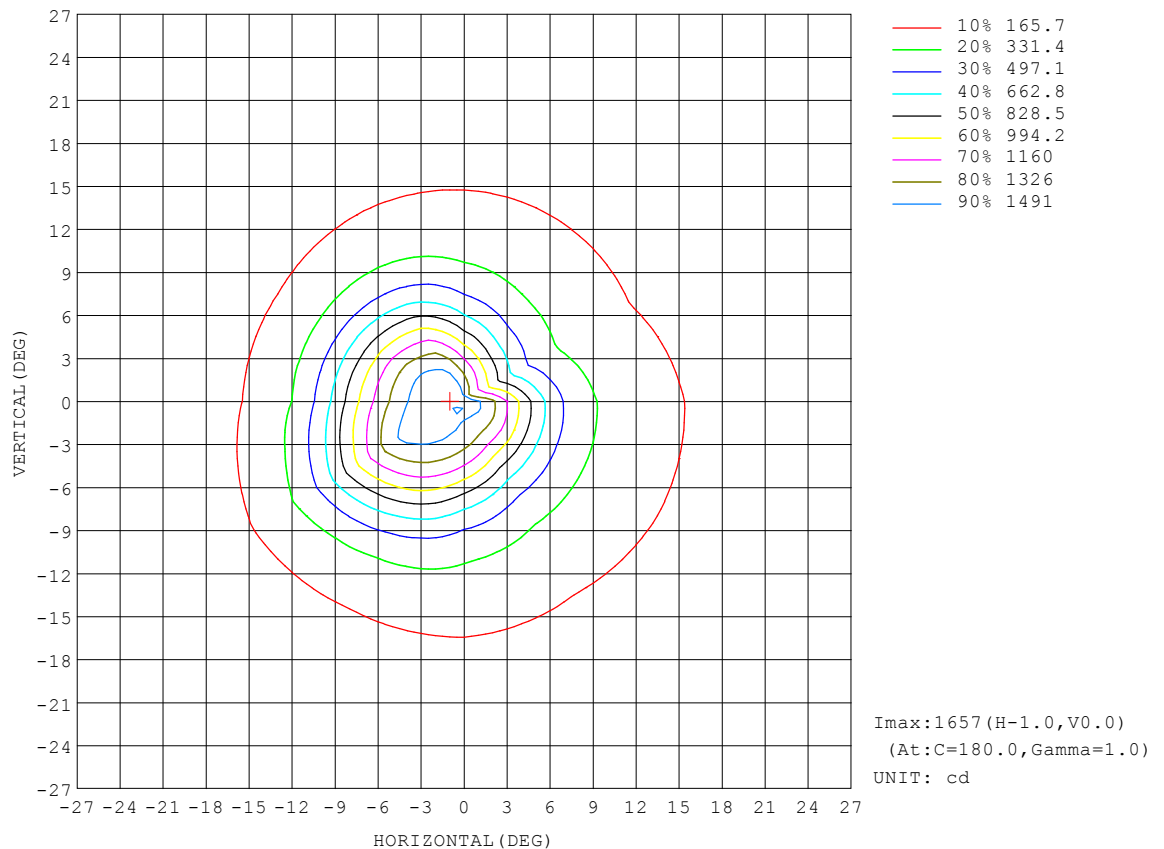
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	79	88	82	78	87	82	78	75
0.80	96	90	86	95	90	86	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:220.02V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:180.787x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW 3000K-13D-REV2	TYPE:RGBW-3000K	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

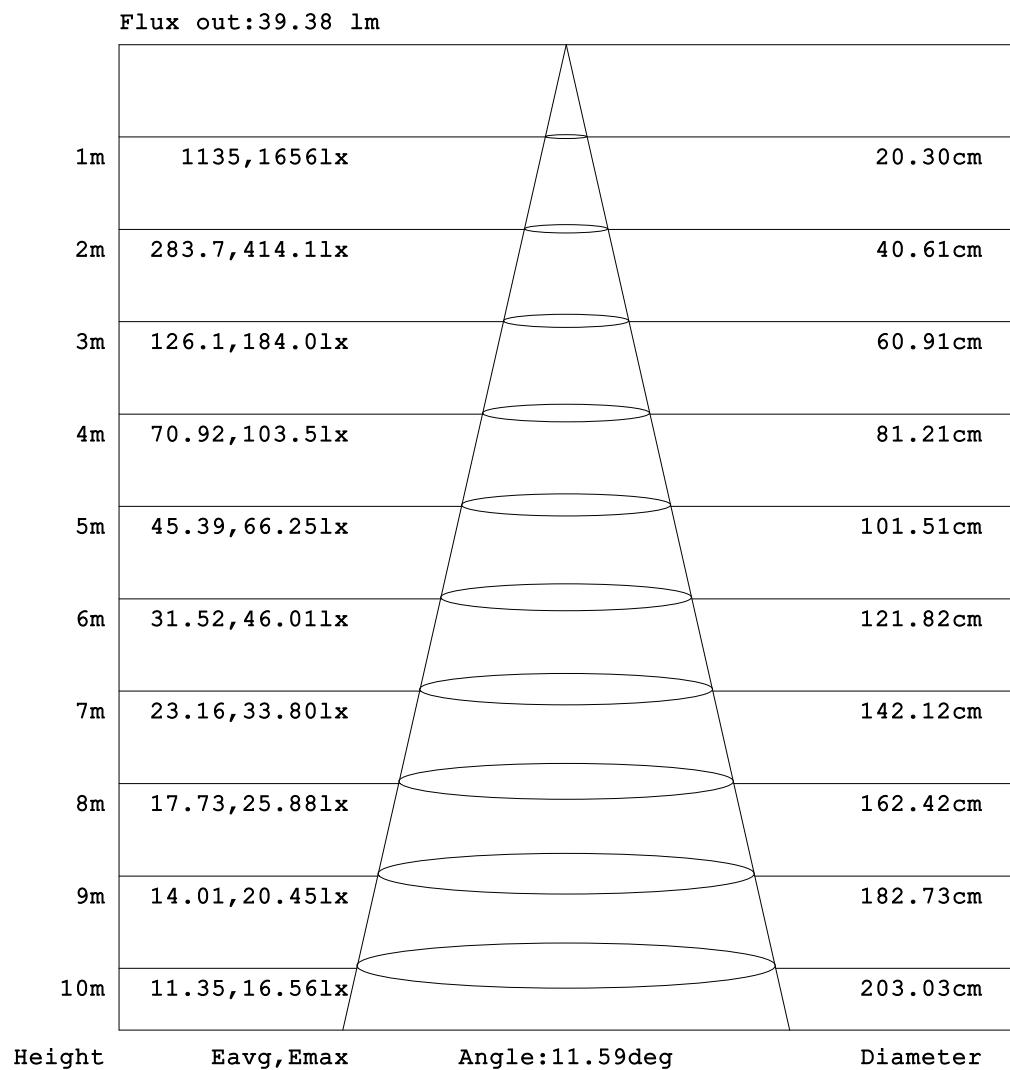


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-12

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 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:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:180.787x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW 3000K-13D-REV2	TYPE:RGBW-3000K	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



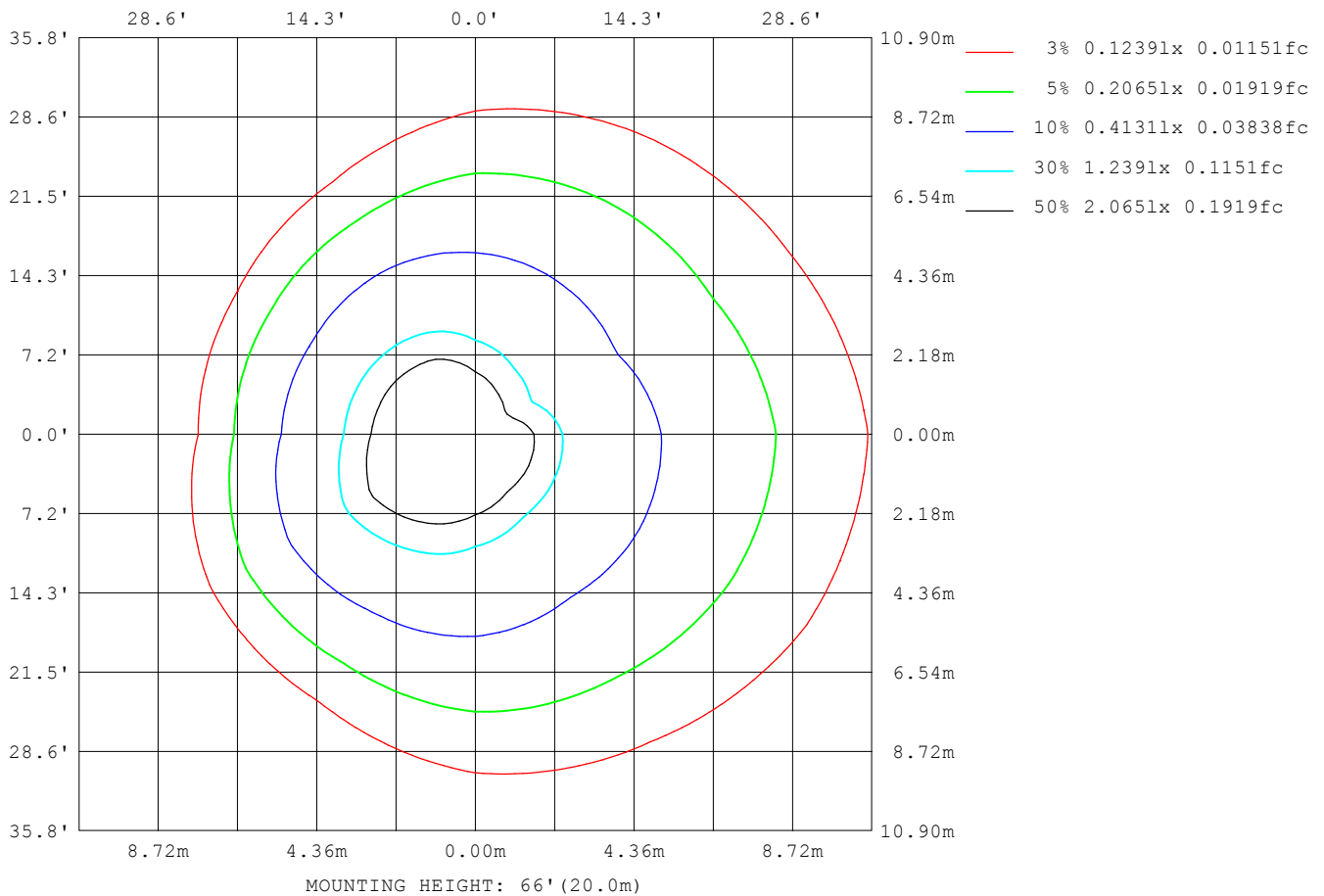
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:220.02V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:180.787x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW 3000K-13D-REV2	TYPE:RGBW-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:220.02V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:180.787x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW 3000K-13D-REV2	TYPE:RGBW-3000K	WEIGHT:00
SPEC.:13 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

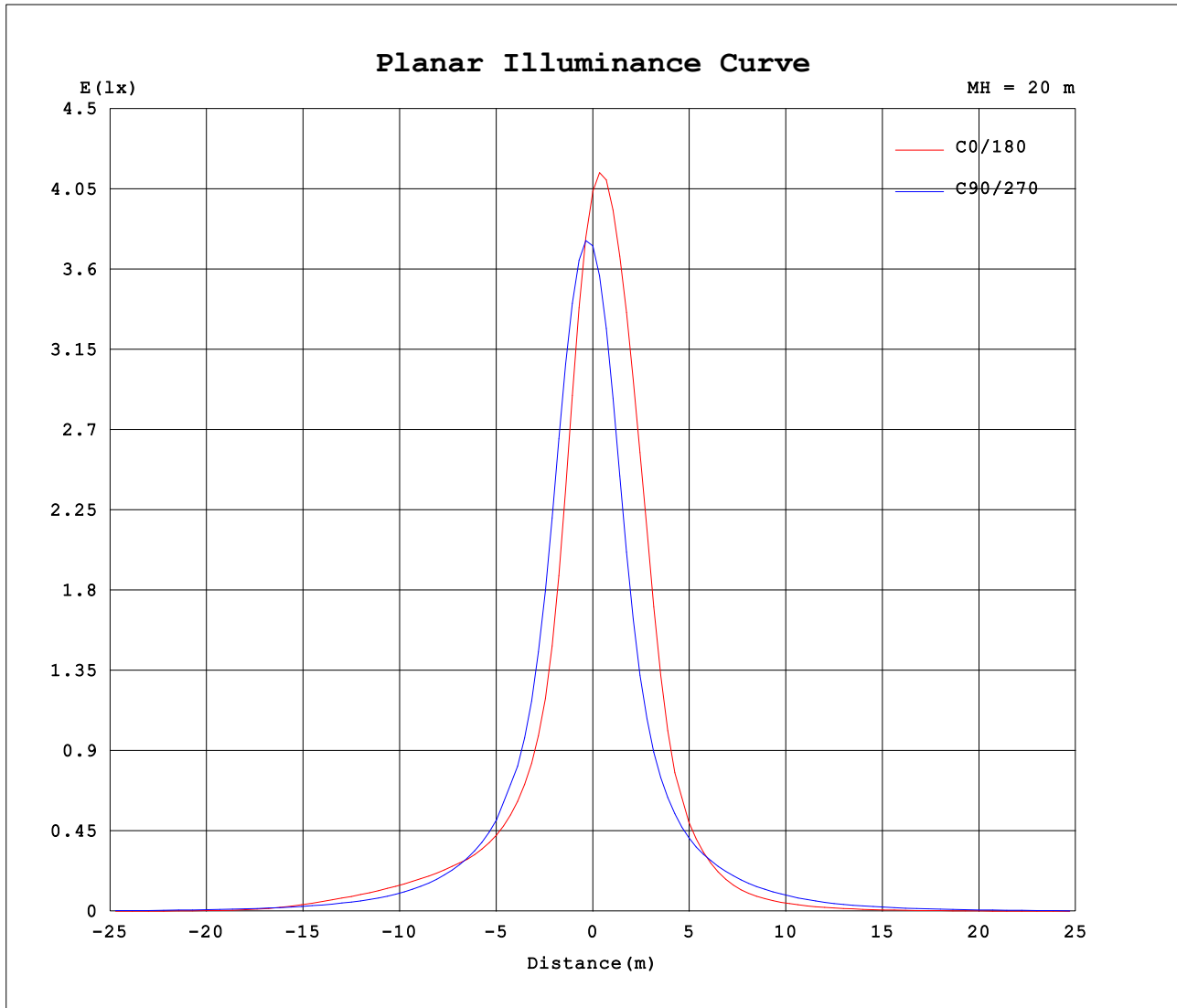
AvgL	cd/m2
L_0~180 (65) av	1
L_0~180 (75) av	1
L_0~180 (85) av	1
L_90~270 (65) av	5
L_90~270 (75) av	2
L_90~270 (85) av	2
L_45 (65) av	1
L_45 (75) av	1
L_45 (85) av	2

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:220.02V I:0.0490A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:180.787x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW 3000K-13D-REV2	TYPE:RGBW-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	1614	1617	1566	1492	1419	1346	1614	1617	1566	1492	1419	1346						
5	762	807	860	1072	1319	1527	1358	1304	1151	815	617	500						
10	298	309	325	407	559	770	554	482	404	314	268	233						
15	171	175	174	197	210	262	180	164	165	160	153	144						
20	121	119	112	111	98.7	101	70.6	70.5	78.0	96.1	101	105						
25	90.3	86.1	74.1	66.3	48.7	43.4	32.3	30.7	39.4	58.7	68.4	76.5						
30	64.5	60.3	47.9	41.1	25.1	20.5	15.9	15.4	20.5	35.7	44.7	52.8						
35	40.1	39.1	30.6	26.2	13.0	10.6	8.30	8.18	10.3	21.9	27.5	33.8						
40	14.1	21.9	19.9	16.5	6.79	5.79	4.35	4.62	5.65	14.0	17.2	17.1						
45	3.82	7.58	12.5	10.3	4.14	3.29	2.08	2.56	3.51	9.04	11.1	5.20						
50	1.27	2.24	7.30	6.24	2.81	1.75	0.97	1.31	2.36	5.68	6.78	1.57						
55	0.61	0.76	3.91	3.92	1.98	0.87	0.55	0.68	1.64	3.60	3.65	0.64						
60	0.39	0.41	1.84	2.52	1.36	0.49	0.33	0.43	1.10	2.32	1.69	0.39						
65	0.25	0.25	0.71	1.60	0.83	0.32	0.24	0.30	0.62	1.46	0.62	0.26						
70	0.17	0.16	0.35	0.89	0.47	0.24	0.17	0.22	0.34	0.79	0.28	0.18						
75	0.11	0.10	0.24	0.43	0.30	0.22	0.15	0.15	0.22	0.38	0.18	0.13						
80	0.07	0.06	0.18	0.20	0.23	0.23	0.15	0.11	0.14	0.23	0.14	0.10						
85	0.05	0.04	0.14	0.14	0.18	0.24	0.15	0.08	0.10	0.19	0.10	0.07						
90	0.02	0.04	0.11	0.13	0.16	0.24	0.15	0.08	0.07	0.14	0.10	0.05						
95	0.02	0.04	0.10	0.13	0.14	0.24	0.15	0.08	0.07	0.14	0.10	0.05						
100	0.02	0.05	0.10	0.13	0.14	0.24	0.14	0.08	0.07	0.14	0.10	0.05						
105	0.02	0.05	0.10	0.13	0.14	0.24	0.13	0.07	0.07	0.14	0.10	0.05						
110	0.02	0.05	0.10	0.13	0.14	0.22	0.10	0.06	0.08	0.14	0.10	0.05						
115	0.02	0.05	0.10	0.13	0.14	0.18	0.09	0.06	0.08	0.14	0.10	0.05						
120	0.02	0.05	0.10	0.13	0.14	0.16	0.09	0.06	0.11	0.14	0.10	0.05						
125	0.02	0.05	0.10	0.14	0.14	0.16	0.09	0.06	0.13	0.14	0.11	0.05						
130	0.02	0.07	0.10	0.16	0.14	0.17	0.11	0.07	0.14	0.14	0.11	0.05						
135	0.02	0.08	0.10	0.18	0.17	0.20	0.15	0.11	0.17	0.14	0.14	0.05						
140	0.05	0.13	0.13	0.22	0.21	0.25	0.21	0.16	0.21	0.14	0.18	0.08						
145	0.15	0.22	0.24	0.31	0.29	0.32	0.28	0.23	0.29	0.24	0.25	0.17						
150	0.42	0.47	0.45	0.49	0.43	0.45	0.39	0.35	0.42	0.41	0.46	0.42						
155	0.83	0.85	0.80	0.78	0.69	0.69	0.61	0.58	0.67	0.68	0.77	0.77						
160	1.12	1.16	1.09	1.10	1.02	1.05	0.96	0.94	1.00	1.00	1.06	1.06						
165	1.21	1.19	1.19	1.20	1.22	1.29	1.26	1.20	1.16	1.13	1.11	1.13						
170	1.12	1.06	1.12	1.12	1.23	1.26	1.22	1.23	1.11	1.09	1.01	0.99						
175	0.89	0.86	0.96	0.95	1.05	1.06	1.00	1.04	0.94	0.93	0.87	0.86						
180	0.84	0.84	0.87	0.86	0.88	0.88	0.85	0.87	0.87	0.87	0.87	0.85						

C Range: 0 - 360DEG
C Interval: 30.0DEG
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γ Range: 0 - 180DEG
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