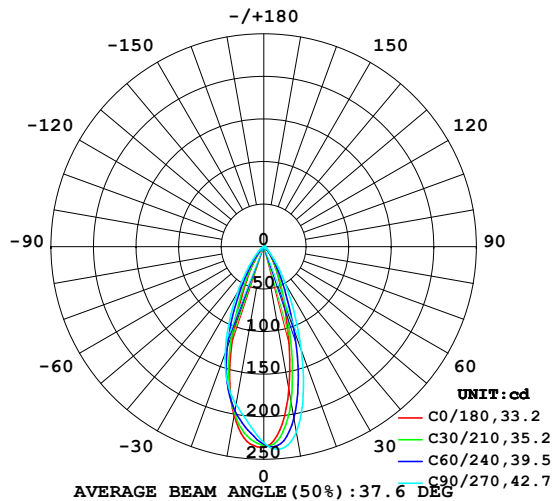


LUMINAIRE PHOTOMETRIC TEST REPORT

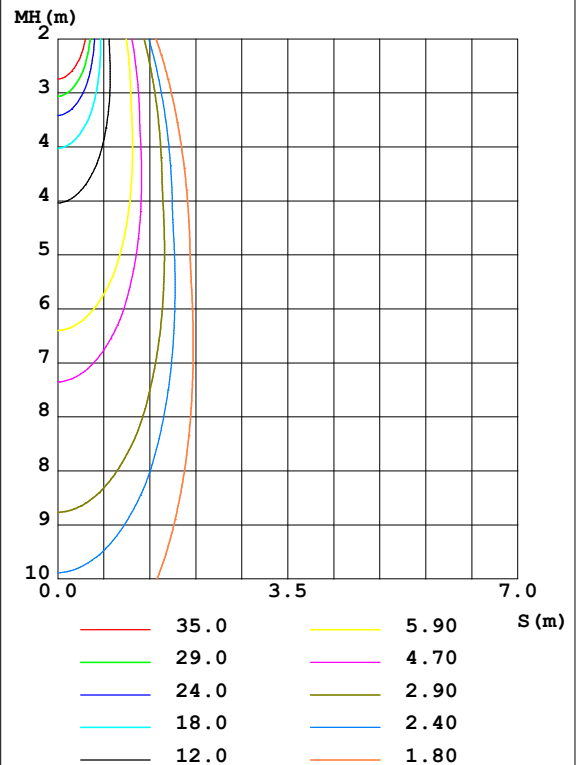
Test:U:219.98V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:116.012x1 lm					
NAME:LuminoFlex Ground-500mm-RGBW RED-30x40D-REV2			TYPE:RGBW-RED		WEIGHT:00
SPEC.:30x40 DEG			DIM.:500mm		SERIAL No.:01
MFR.: 001			SUR.:0.8		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 21.48 lm/W
MODEL	1313	I _{max} (cd)	239.2	S/MH(C0/180)	0.59	
NOMINAL POWER(W)	10.8	LOR(%)	100.0	S/MH(C90/270)	0.70	
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	116.01	η UP,DN(C0-180)	0.4,49.2	
NOMINAL FLUX(lm)	116.012	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.3,50.0	
LAMPS INSIDE	1	η up(%)	0.7	CIBSE SHR NOM	0.50	
TEST VOLTAGE(V)	24	η down(%)	99.3	CIBSE SHR MAX	0.60	

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:2025-08-09

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	170.8	194.8	221.1	217.5	201.5	197.4	188.5	163.3	0- 10	20.29	20.29	17.5,17.5
20	67.46	89.98	128.9	121.7	101.8	118.2	132.5	91.44	10- 20	41.56	61.85	53.3,53.3
30	26.81	32.34	51.55	40.93	30.90	41.80	61.19	40.05	20- 30	31.12	92.97	80.1,80.1
40	9.874	11.51	16.16	10.41	6.973	10.15	19.92	14.20	30- 40	14.59	107.6	92.7,92.7
50	2.225	3.839	5.586	2.452	0.7676	1.983	6.729	4.325	40- 50	5.198	112.8	97.2,97.2
60	0.3066	0.9830	2.286	0.6149	0.1398	0.4873	2.342	1.127	50- 60	1.688	114.5	98.7,98.7
70	0.1008	0.1511	0.7777	0.2123	0.0437	0.1289	0.5696	0.1464	60- 70	0.5313	115.0	99.1,99.1
80	0.0351	0.0613	0.1093	0.1400	0.0306	0.0416	0.1094	0.0394	70- 80	0.1346	115.1	99.2,99.2
90	0.0175	0.0329	0.0787	0.1400	0.0306	0.0263	0.0569	0.0241	80- 90	0.0670	115.2	99.3,99.3
100	0.0044	0.0284	0.0787	0.1596	0.0306	0.0306	0.0525	0.0241	90-100	0.0581	115.2	99.3,99.3
110	0.0044	0.0306	0.0787	0.1553	0.0306	0.0328	0.0525	0.0241	100-110	0.0570	115.3	99.4,99.4
120	0.0044	0.0328	0.0876	0.1312	0.0393	0.0416	0.0525	0.0306	110-120	0.0540	115.4	99.4,99.4
130	0.0044	0.0569	0.1488	0.1269	0.0570	0.0438	0.0830	0.0504	120-130	0.0551	115.4	99.5,99.5
140	0.1004	0.1618	0.2494	0.1750	0.1139	0.1224	0.1399	0.1378	130-140	0.0790	115.5	99.5,99.5
150	0.2884	0.3434	0.4157	0.3106	0.2408	0.2537	0.3017	0.3085	140-150	0.1387	115.6	99.7,99.7
160	0.5029	0.5162	0.5293	0.4724	0.4376	0.4265	0.4198	0.4768	150-160	0.1787	115.8	99.8,99.8
170	0.5905	0.6014	0.6168	0.5949	0.5818	0.5578	0.5249	0.5752	160-170	0.1493	116.0	100,100
180	0.6124	0.6146	0.6168	0.6168	0.6124	0.6124	0.6080	0.6102	170-180	0.0569	116.0	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:2025-08-09

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:219.98V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:116.012x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-30x40D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:30x40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	1
80	0	1
75	0	1
70	0	3
65	1	4
60	1	6
55	1	8
50	4	11
45	9	16

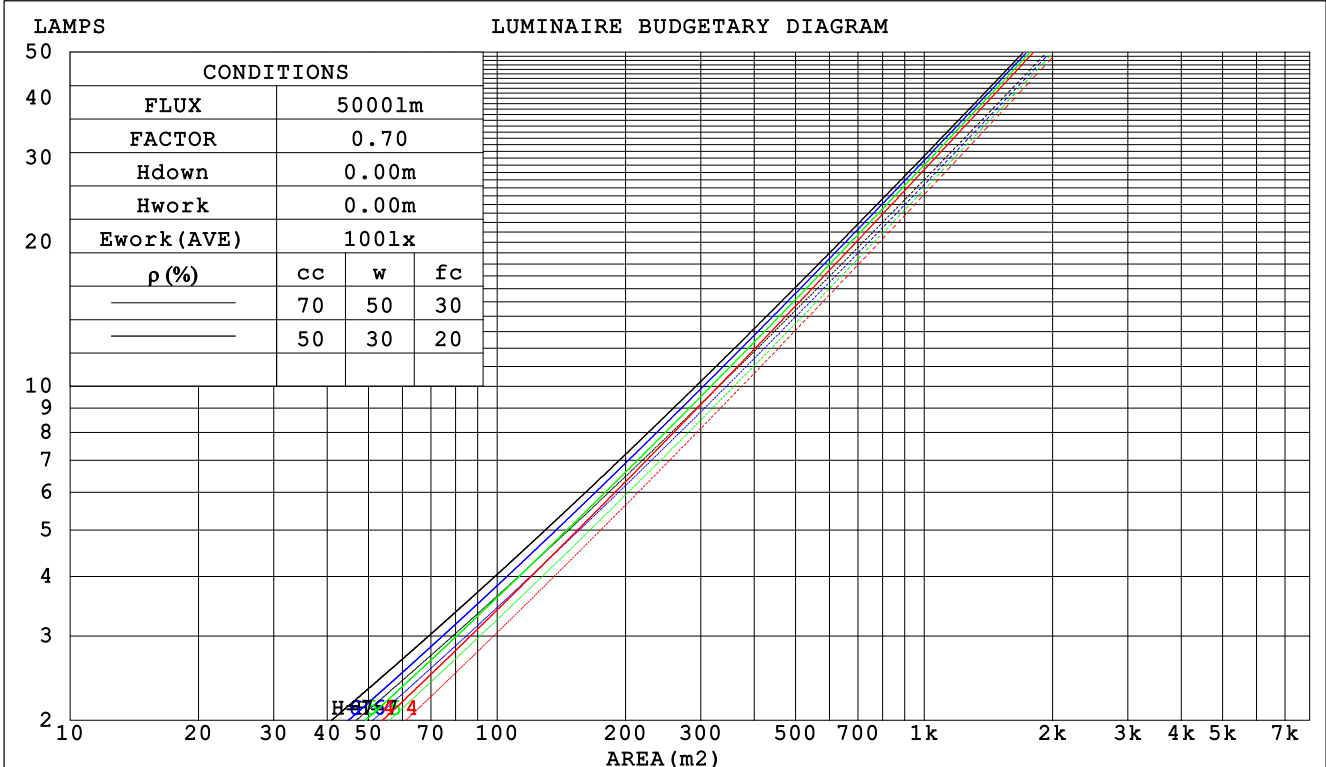
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-09

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:219.98V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:116.012x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-30x40D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:30x40 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	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.99	.99	.97	.97	.96	.94
2.0	1.04	1.01	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.92	.90	.88
3.0	.98	.93	.90	.97	.92	.89	.94	.90	.88	.91	.89	.86	.89	.87	.85	.83
4.0	.92	.87	.84	.91	.87	.83	.89	.85	.82	.87	.84	.81	.85	.82	.80	.79
5.0	.87	.82	.78	.86	.82	.78	.85	.80	.77	.83	.79	.76	.81	.78	.76	.74
6.0	.83	.78	.74	.82	.77	.73	.81	.76	.73	.79	.75	.72	.78	.74	.72	.70
7.0	.79	.73	.70	.78	.73	.69	.77	.72	.69	.76	.72	.69	.75	.71	.68	.67
8.0	.75	.70	.66	.74	.69	.66	.73	.69	.66	.72	.68	.65	.71	.68	.65	.64
9.0	.72	.66	.63	.71	.66	.63	.70	.66	.62	.69	.65	.62	.68	.65	.62	.61
10.0	.68	.63	.60	.68	.63	.60	.67	.63	.60	.66	.62	.59	.66	.62	.59	.58



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-09

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:219.98V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:116.012x1 lm					
NAME:LuminoFlex Ground-500mm-RGBW RED-30x40D-REV2			TYPE:RGBW-RED		WEIGHT:00
SPEC.:30x40 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	.166	.094	.030	.159	.091	.029	.146	.084	.027	.134	.077	.025	.123	.072	.023			
2.0	.158	.086	.026	.152	.084	.026	.141	.078	.024	.131	.073	.023	.122	.069	.022			
3.0	.149	.079	.024	.144	.077	.023	.135	.073	.022	.126	.069	.021	.119	.066	.020			
4.0	.141	.074	.022	.137	.072	.021	.129	.069	.020	.122	.065	.020	.115	.063	.019			
5.0	.134	.068	.020	.131	.067	.020	.124	.064	.019	.117	.062	.018	.111	.060	.018			
6.0	.128	.064	.018	.125	.063	.018	.119	.061	.018	.113	.059	.017	.108	.057	.017			
7.0	.122	.060	.017	.119	.059	.017	.114	.058	.017	.109	.056	.016	.104	.054	.016			
8.0	.117	.057	.016	.114	.056	.016	.109	.055	.016	.105	.053	.015	.101	.052	.015			
9.0	.112	.054	.015	.109	.053	.015	.105	.052	.015	.101	.051	.015	.097	.049	.014			
10.0	.107	.051	.014	.105	.051	.014	.101	.050	.014	.098	.048	.014	.094	.047	.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	.196	.196	.196	.167	.167	.167	.114	.114	.114	.066	.066	.066	.021	.021	.021	
1.0	.176	.163	.151	.150	.140	.130	.103	.096	.090	.059	.056	.052	.019	.018	.017	
2.0	.160	.138	.120	.137	.119	.104	.094	.082	.072	.054	.048	.042	.017	.015	.014	
3.0	.147	.119	.097	.126	.103	.084	.086	.071	.059	.050	.042	.035	.016	.014	.011	
4.0	.136	.104	.080	.117	.090	.069	.080	.063	.049	.046	.037	.029	.015	.012	.010	
5.0	.127	.092	.067	.109	.080	.058	.075	.056	.041	.043	.033	.024	.014	.011	.008	
6.0	.119	.083	.057	.102	.072	.050	.070	.050	.035	.041	.030	.021	.013	.010	.007	
7.0	.112	.075	.049	.096	.065	.043	.067	.046	.030	.039	.027	.018	.012	.009	.006	
8.0	.106	.069	.043	.091	.060	.038	.063	.042	.027	.037	.025	.016	.012	.008	.005	
9.0	.101	.063	.038	.087	.055	.033	.060	.039	.024	.035	.023	.014	.011	.008	.005	
10.0	.096	.059	.034	.083	.051	.030	.058	.036	.021	.034	.021	.013	.011	.007	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-09

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:219.98V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:116.012x1 lm										
NAME:LuminoFlex Ground-500mm-RGBW RED-30x40D-REV2					TYPE:RGBW-RED			WEIGHT:00		
SPEC.:30x40 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	-2.3	-2.9	-2.1	-2.0	-0.2	0.7	0.1	0.9	1.0
3H	-3.3	-2.5	-3.1	-2.3	-2.1	-0.2	0.6	0.1	0.8	1.0
4H	-3.4	-2.7	-3.1	-2.4	-2.2	-0.2	0.5	0.1	0.8	1.0
6H	-3.5	-2.8	-3.2	-2.5	-2.3	-0.3	0.4	0.0	0.7	0.9
8H	-3.5	-2.9	-3.2	-2.6	-2.3	-0.3	0.3	-0.0	0.6	0.9
12H	-3.6	-2.9	-3.2	-2.7	-2.4	-0.4	0.3	-0.0	0.5	0.8
4H 2H	-3.3	-2.5	-3.0	-2.3	-2.1	-0.4	0.4	-0.1	0.6	0.8
3H	-3.4	-2.8	-3.1	-2.5	-2.2	-0.4	0.3	-0.1	0.5	0.8
4H	-3.5	-3.0	-3.2	-2.6	-2.3	-0.4	0.1	-0.1	0.5	0.8
6H	-3.6	-3.1	-3.3	-2.8	-2.4	-0.5	-0.0	-0.1	0.3	0.7
8H	-3.7	-3.2	-3.3	-2.8	-2.5	-0.6	-0.1	-0.2	0.3	0.7
12H	-3.7	-3.3	-3.3	-2.9	-2.5	-0.6	-0.2	-0.2	0.2	0.6
8H 4H	-3.7	-3.2	-3.3	-2.8	-2.5	-0.6	-0.1	-0.2	0.3	0.6
6H	-3.8	-3.4	-3.3	-3.0	-2.6	-0.7	-0.3	-0.2	0.1	0.6
8H	-3.8	-3.5	-3.4	-3.1	-2.6	-0.7	-0.4	-0.3	0.1	0.5
12H	-3.9	-3.6	-3.4	-3.1	-2.7	-0.7	-0.4	-0.3	0.0	0.5
12H 4H	-3.7	-3.3	-3.3	-2.9	-2.5	-0.6	-0.2	-0.2	0.2	0.6
6H	-3.8	-3.5	-3.4	-3.1	-2.6	-0.7	-0.4	-0.3	0.0	0.5
8H	-3.9	-3.6	-3.4	-3.1	-2.7	-0.8	-0.5	-0.3	-0.0	0.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / -11.6					+ 3.0 / - 3.8				
1.5H	+ 3.7 / - 7.4					+ 4.5 / - 3.3				
2.0H	+ 5.4 / -11.0					+ 4.4 / - 4.6				

CIE Pub.117, 116.0 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -7.5)
Area: 0.8 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-09

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:219.98V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:116.012x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-30x40D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:30x40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

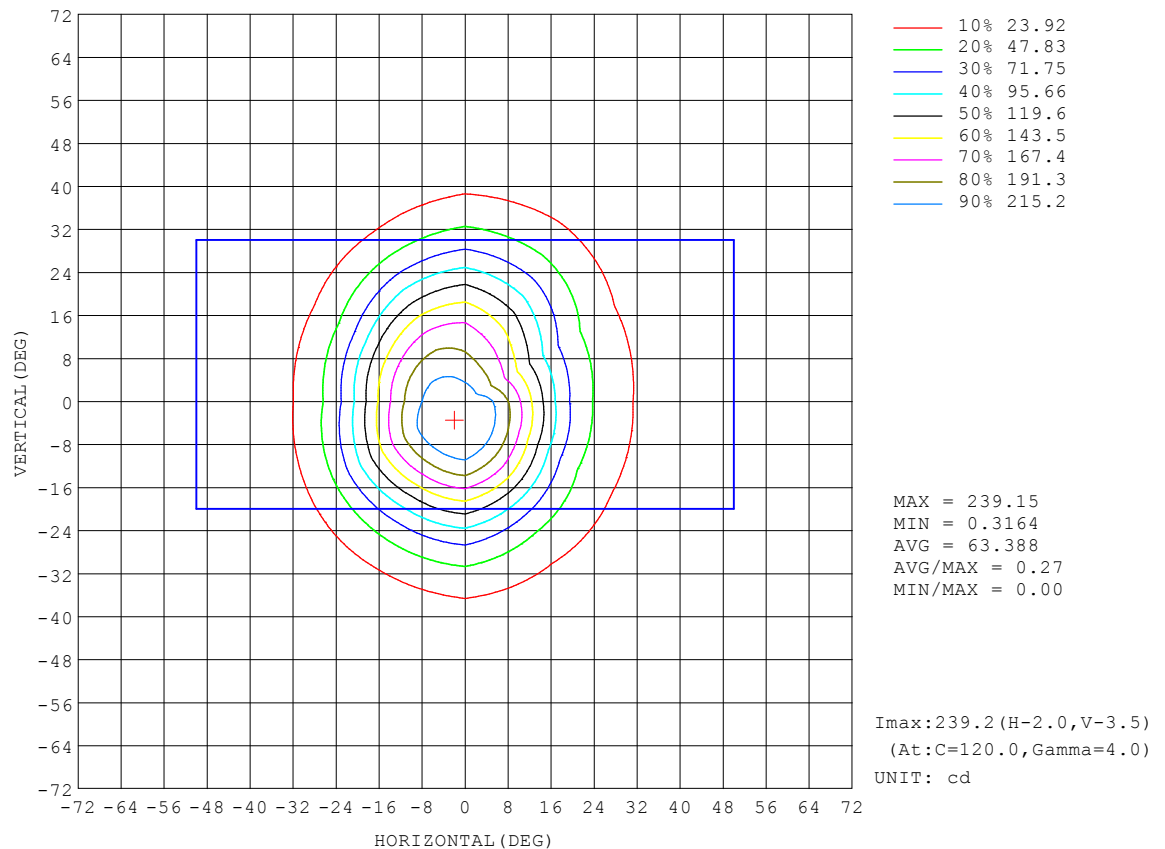
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	86	80	77	86	80	77	73
0.80	94	89	85	94	88	85	92	88	84	81
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	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	111	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:2025-08-09

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:219.98V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:116.012x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-30x40D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:30x40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

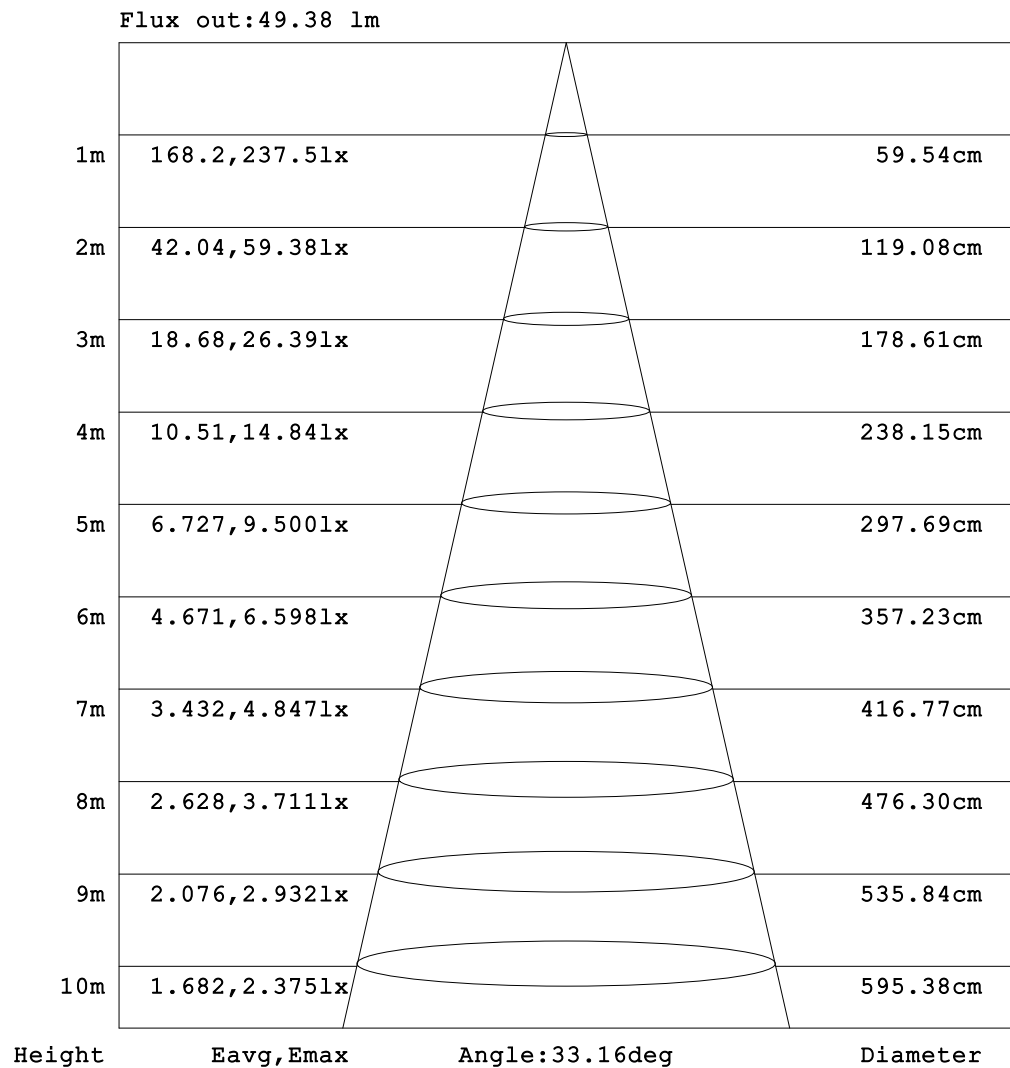


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-09

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:219.98V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:116.012x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-30x40D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:30x40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



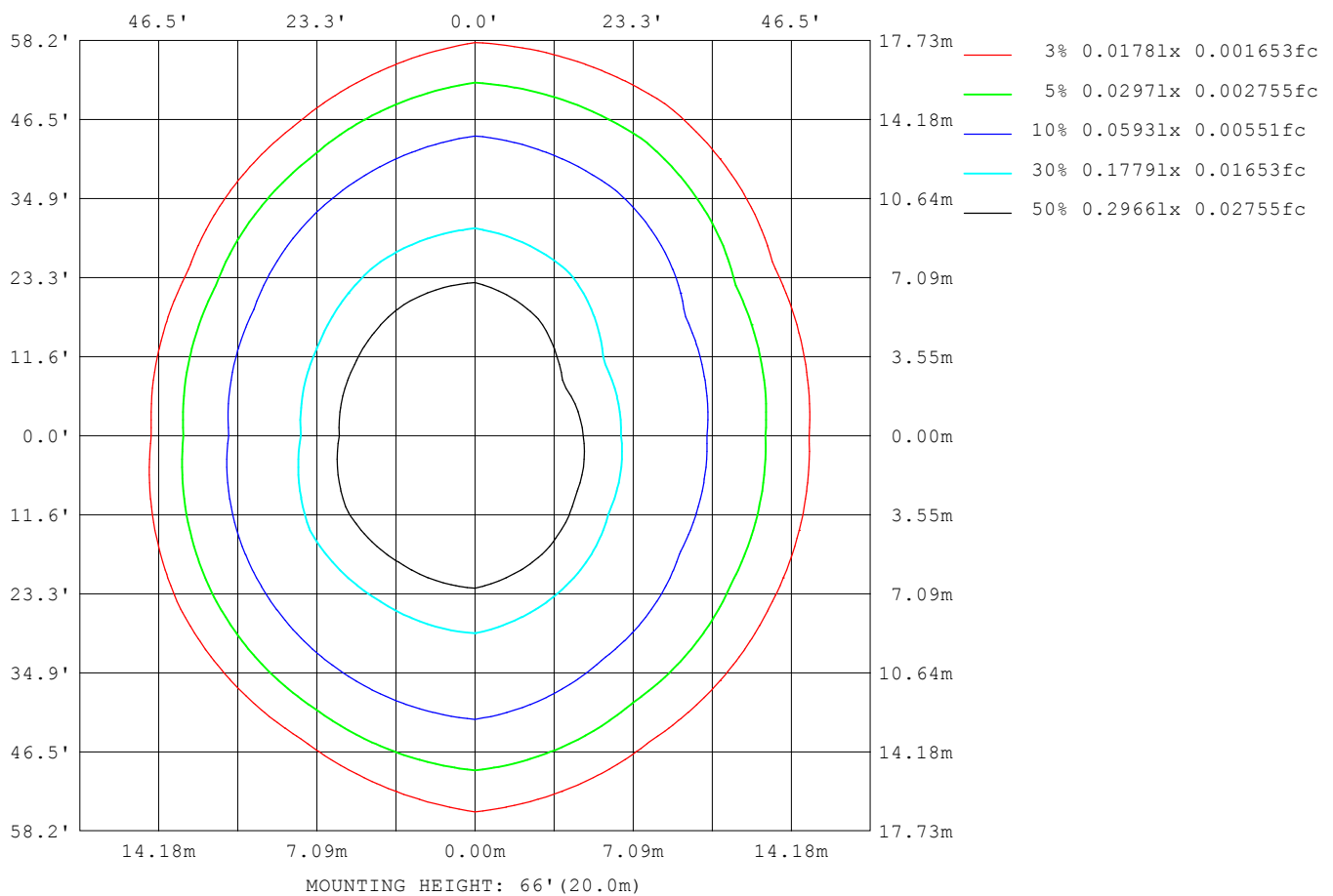
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-09

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:219.98V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:116.012x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-30x40D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:30x40 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:2025-08-09

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:219.98V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:116.012x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-30x40D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:30x40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

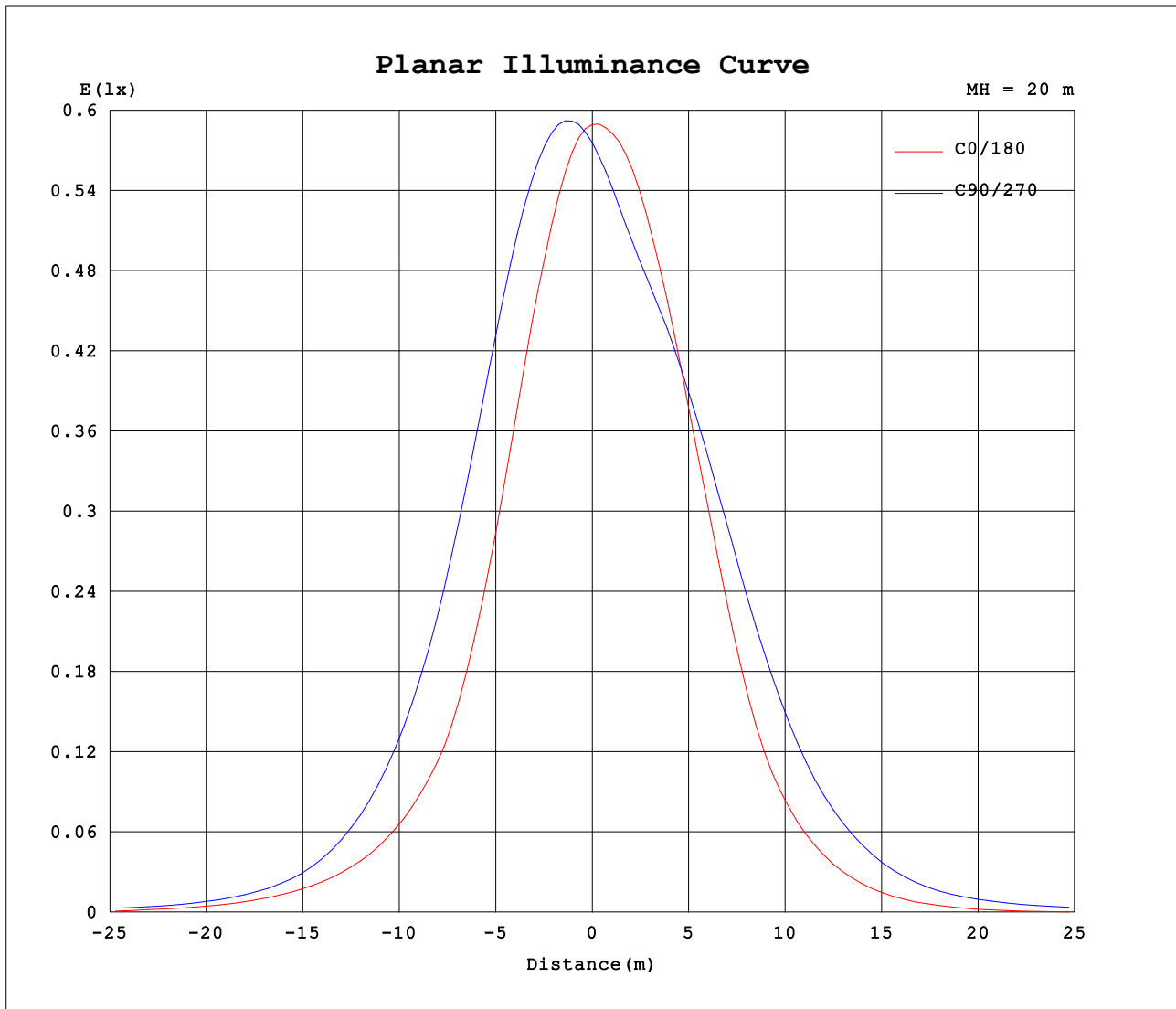
AvgL	cd/m2
L_0~180 (65) av	0
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	4
L_90~270 (75) av	1
L_90~270 (85) av	1
L_45 (65) av	1
L_45 (75) av	0
L_45 (85) av	1

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-09

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: 2025-08-09

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:219.98V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:116.012x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-30x40D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:30x40 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	236	234	232	230	230	229	236	234	232	230	230	229							
5	217	224	232	238	239	236	229	224	216	208	202	196							
10	171	185	204	221	218	217	201	199	196	188	173	154							
15	114	127	157	180	174	174	156	159	166	165	144	110							
20	67.5	76.4	104	129	121	122	102	111	125	133	111	72.4							
25	42.5	44.8	62.2	84.2	76.6	73.9	56.1	64.2	84.0	94.7	77.4	47.3							
30	26.8	28.3	36.4	51.5	44.3	37.6	30.9	35.0	48.6	61.2	49.8	30.3							
35	16.7	17.9	21.1	29.2	23.1	19.7	15.5	17.4	25.3	36.7	29.9	18.8							
40	9.87	10.7	12.3	16.2	10.8	10.0	6.97	7.84	12.5	19.9	17.4	11.0							
45	5.28	5.97	7.44	9.22	5.39	4.76	2.71	3.19	5.75	11.1	9.70	5.96							
50	2.23	3.08	4.59	5.59	2.88	2.03	0.77	1.18	2.78	6.73	5.76	2.89							
55	0.54	1.10	2.91	3.56	1.64	0.73	0.24	0.43	1.48	4.09	3.53	0.99							
60	0.31	0.28	1.69	2.29	1.00	0.23	0.14	0.21	0.77	2.34	1.93	0.32							
65	0.18	0.15	0.79	1.41	0.60	0.12	0.08	0.14	0.38	1.28	0.87	0.18							
70	0.10	0.06	0.24	0.78	0.32	0.10	0.04	0.09	0.17	0.57	0.18	0.11							
75	0.06	0.03	0.15	0.30	0.21	0.10	0.03	0.06	0.07	0.25	0.08	0.06							
80	0.04	0.01	0.11	0.11	0.18	0.10	0.03	0.05	0.03	0.11	0.04	0.04							
85	0.03	0.01	0.09	0.08	0.18	0.10	0.03	0.03	0.03	0.08	0.03	0.03							
90	0.02	0.01	0.06	0.08	0.18	0.10	0.03	0.02	0.03	0.06	0.03	0.01							
95	0.00	0.01	0.05	0.08	0.21	0.10	0.03	0.02	0.04	0.05	0.03	0.01							
100	0.00	0.01	0.04	0.08	0.22	0.10	0.03	0.02	0.04	0.05	0.04	0.01							
105	0.00	0.01	0.04	0.08	0.22	0.09	0.03	0.02	0.04	0.05	0.04	0.01							
110	0.00	0.02	0.04	0.08	0.22	0.09	0.03	0.02	0.05	0.05	0.04	0.01							
115	0.00	0.02	0.04	0.08	0.21	0.09	0.03	0.02	0.06	0.05	0.05	0.01							
120	0.00	0.02	0.04	0.09	0.17	0.09	0.04	0.02	0.07	0.05	0.05	0.01							
125	0.00	0.04	0.04	0.12	0.16	0.09	0.04	0.02	0.07	0.06	0.08	0.01							
130	0.00	0.06	0.06	0.15	0.16	0.09	0.06	0.02	0.07	0.08	0.09	0.01							
135	0.04	0.10	0.10	0.20	0.16	0.12	0.07	0.03	0.11	0.11	0.11	0.04							
140	0.10	0.16	0.17	0.25	0.19	0.16	0.11	0.07	0.18	0.14	0.17	0.10							
145	0.18	0.25	0.26	0.32	0.25	0.22	0.17	0.12	0.22	0.27	0.25	0.17							
150	0.29	0.35	0.34	0.42	0.32	0.30	0.24	0.21	0.30	0.30	0.34	0.28							
155	0.40	0.46	0.41	0.46	0.40	0.39	0.34	0.30	0.38	0.36	0.42	0.38							
160	0.50	0.54	0.49	0.53	0.46	0.49	0.44	0.40	0.46	0.42	0.49	0.46							
165	0.56	0.60	0.54	0.57	0.52	0.56	0.53	0.48	0.52	0.47	0.54	0.52							
170	0.59	0.61	0.59	0.62	0.57	0.62	0.58	0.54	0.58	0.52	0.59	0.56							
175	0.60	0.61	0.61	0.62	0.61	0.62	0.61	0.58	0.62	0.58	0.61	0.59							
180	0.61	0.61	0.62	0.62	0.62	0.62	0.61	0.61	0.62	0.61	0.61	0.61							

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