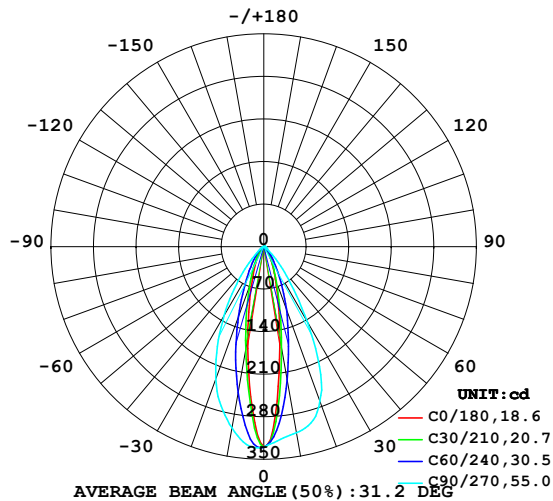


LUMINAIRE PHOTOMETRIC TEST REPORT

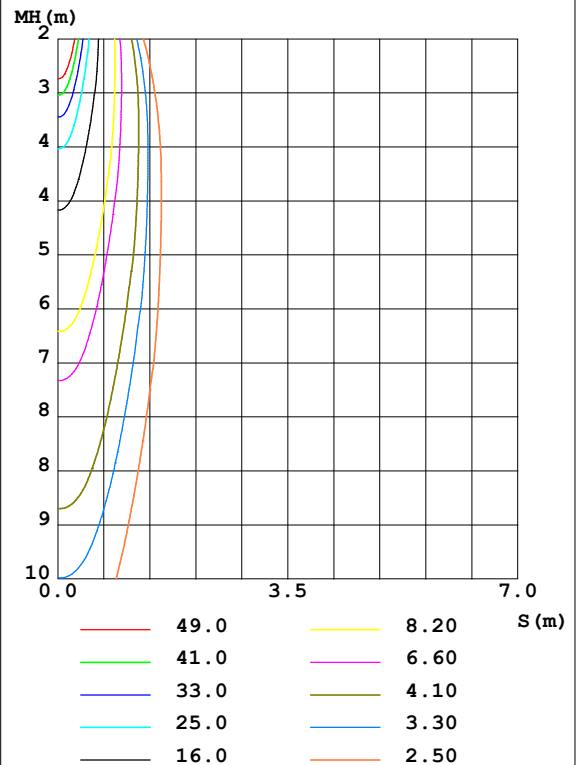
Test:U:220.10V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:140.441x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-20x55D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 26.01 lm/W			
MODEL		Imax(cd)	331.5	S/MH(C0/180)	0.32
NOMINAL POWER(W)	47.4	LOR(%)	100.0	S/MH(C90/270)	0.82
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	140.44	η UP,DN(C0-180)	0.5,51.4
NOMINAL FLUX(lm)	140.441	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,47.7
LAMPS INSIDE	1	η up(%)	0.9	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	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:2025-08-13

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	152.2	195.5	310.7	240.2	153.0	207.8	302.7	183.7	0- 10	24.77	24.77	17.6,17.6
20	56.59	84.97	270.6	113.9	54.35	95.22	231.6	85.69	10- 20	43.91	68.68	48.9,48.9
30	23.02	34.26	144.3	47.13	21.37	39.39	130.9	36.65	20- 30	36.79	105.5	75.1,75.1
40	5.130	13.05	48.63	17.01	3.983	14.80	48.44	15.31	30- 40	20.84	126.3	89.9,89.9
50	1.296	4.062	10.63	5.060	1.184	5.338	11.24	5.275	40- 50	8.072	134.4	95.7,95.7
60	0.6218	1.364	4.534	1.845	0.3886	1.259	4.631	1.616	50- 60	2.895	137.3	97.7,97.7
70	0.2190	0.4683	2.475	0.5561	0.1487	0.3649	2.311	0.4590	60- 70	1.174	138.5	98.6,98.6
80	0.0744	0.1576	1.022	0.2735	0.1532	0.1531	0.8673	0.1618	70- 80	0.5199	139.0	99,99
90	0.0175	0.1028	0.1925	0.2362	0.1531	0.0897	0.1663	0.1028	80- 90	0.2041	139.2	99.1,99.1
100	0.0087	0.0940	0.2100	0.2275	0.1487	0.0853	0.1575	0.0984	90-100	0.1415	139.3	99.2,99.2
110	0.0087	0.0962	0.2450	0.2143	0.1049	0.0787	0.1575	0.0962	100-110	0.1326	139.5	99.3,99.3
120	0.0087	0.1006	0.3106	0.1728	0.0700	0.0832	0.1575	0.1006	110-120	0.1197	139.6	99.4,99.4
130	0.0087	0.1246	0.3107	0.1728	0.0701	0.1051	0.1575	0.1247	120-130	0.1130	139.7	99.5,99.5
140	0.0568	0.2165	0.4243	0.2405	0.1182	0.1706	0.2842	0.1925	130-140	0.1255	139.8	99.6,99.6
150	0.2185	0.3938	0.5600	0.3981	0.2321	0.3325	0.4024	0.3849	140-150	0.1770	140.0	99.7,99.7
160	0.5464	0.5928	0.5993	0.5884	0.5121	0.5555	0.5160	0.5730	150-160	0.2149	140.2	99.8,99.8
170	0.7131	0.6517	0.6650	0.6605	0.6605	0.6736	0.6210	0.6518	160-170	0.1762	140.4	100,100
180	0.6780	0.6780	0.6868	0.6802	0.6561	0.6780	0.6824	0.6780	170-180	0.0639	140.4	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:2025-08-13

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:220.10V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:140.441x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-20x55D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



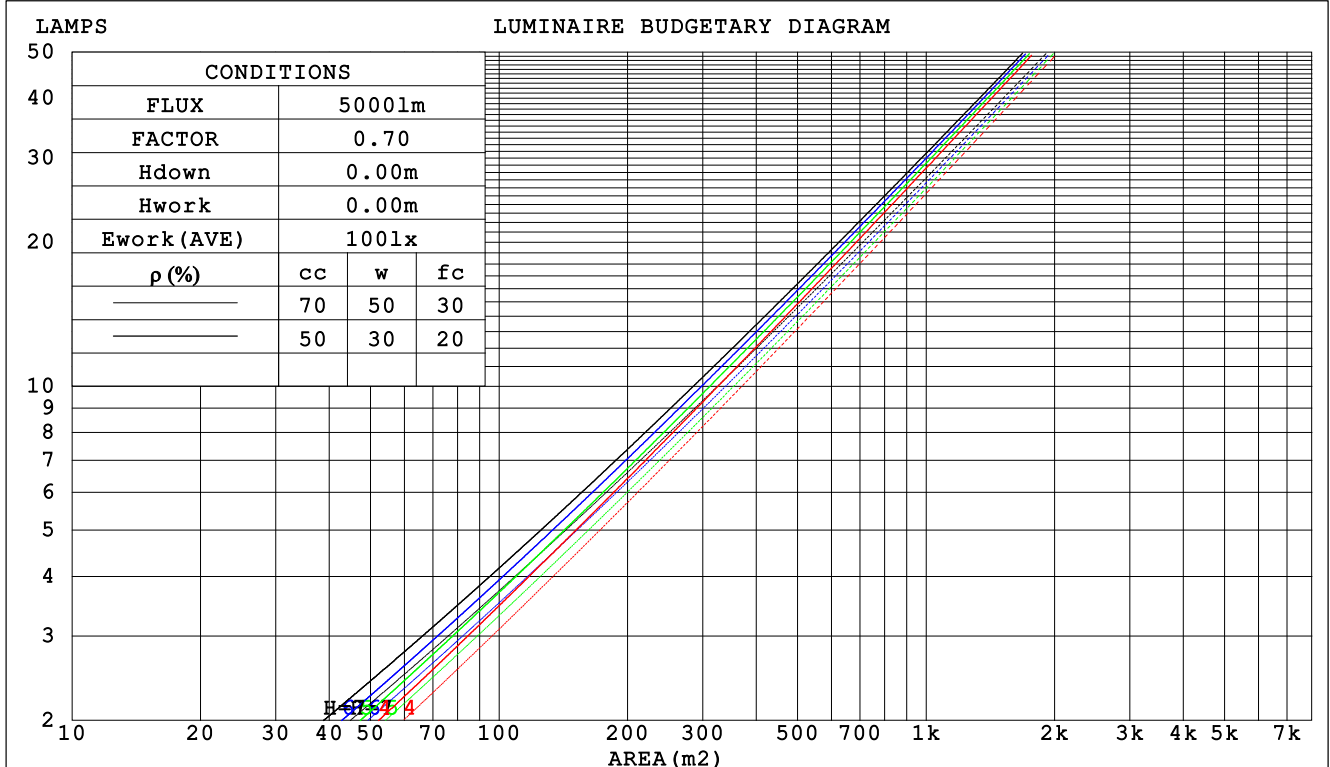
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-13

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:220.10V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:140.441x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-20x55D-REV2	TYPE:RGBW-RED	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	1.08	1.06	1.09	1.06	1.04	1.04	1.03	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.03	.90	.96	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.92	.90	.89	.87
3.0	.97	.92	.88	.95	.91	.88	.93	.89	.86	.90	.87	.85	.88	.85	.83	.82
4.0	.91	.86	.82	.90	.85	.81	.88	.84	.80	.86	.82	.79	.84	.81	.78	.77
5.0	.86	.80	.76	.85	.80	.76	.83	.79	.75	.81	.77	.74	.80	.76	.74	.72
6.0	.81	.76	.72	.80	.75	.71	.79	.74	.71	.77	.73	.70	.76	.72	.70	.68
7.0	.77	.71	.67	.76	.71	.67	.75	.70	.67	.74	.69	.66	.73	.69	.66	.65
8.0	.73	.68	.64	.72	.67	.64	.71	.67	.63	.70	.66	.63	.69	.65	.63	.61
9.0	.70	.64	.60	.69	.64	.60	.68	.63	.60	.67	.63	.60	.66	.62	.60	.58
10.0	.66	.61	.57	.66	.61	.57	.65	.60	.57	.64	.60	.57	.64	.60	.57	.56



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-13

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:220.10V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:140.441x1 lm					
NAME:LuminoFlex Ground-500mm-RGBW RED-20x55D-REV2			TYPE:RGBW-RED		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	.174	.099	.031	.167	.095	.030	.154	.088	.028	.142	.082	.026	.131	.076	.024	
2.0	.165	.090	.028	.159	.088	.027	.148	.082	.026	.138	.077	.024	.129	.073	.023	
3.0	.156	.083	.025	.151	.081	.024	.142	.077	.023	.133	.073	.022	.125	.069	.021	
4.0	.148	.077	.023	.144	.075	.022	.135	.072	.021	.128	.069	.021	.121	.066	.020	
5.0	.140	.072	.021	.137	.070	.020	.130	.067	.020	.123	.065	.019	.117	.062	.019	
6.0	.133	.067	.019	.130	.066	.019	.124	.063	.018	.118	.061	.018	.113	.059	.018	
7.0	.127	.063	.018	.124	.062	.018	.119	.060	.017	.113	.058	.017	.109	.056	.017	
8.0	.121	.059	.017	.119	.058	.017	.114	.057	.016	.109	.055	.016	.105	.054	.016	
9.0	.116	.056	.016	.114	.055	.016	.109	.054	.015	.105	.053	.015	.101	.051	.015	
10.0	.111	.053	.015	.109	.053	.015	.105	.051	.014	.101	.050	.014	.098	.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	.178	.164	.152	.152	.141	.131	.104	.097	.090	.060	.056	.053	.019	.018	.017	
2.0	.162	.139	.120	.139	.120	.104	.095	.083	.073	.055	.048	.043	.018	.016	.014	
3.0	.150	.121	.097	.128	.104	.084	.088	.072	.059	.051	.042	.035	.016	.014	.011	
4.0	.139	.106	.080	.119	.091	.070	.082	.064	.049	.047	.037	.029	.015	.012	.010	
5.0	.130	.094	.068	.112	.081	.059	.077	.057	.042	.045	.033	.025	.014	.011	.008	
6.0	.122	.085	.058	.105	.073	.050	.072	.051	.036	.042	.030	.021	.014	.010	.007	
7.0	.115	.077	.050	.099	.067	.044	.069	.047	.031	.040	.028	.018	.013	.009	.006	
8.0	.109	.071	.044	.094	.061	.038	.065	.043	.027	.038	.025	.016	.012	.008	.005	
9.0	.104	.065	.039	.090	.057	.034	.062	.040	.024	.036	.024	.014	.012	.008	.005	
10.0	.100	.061	.035	.086	.053	.031	.060	.037	.022	.035	.022	.013	.011	.007	.004	

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-13

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:220.10V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:140.441x1 lm										
NAME:LuminoFlex Ground-500mm-RGBW RED-20x55D-REV2					TYPE:RGBW-RED			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	-5.7	-4.8	-5.5	-4.6	-4.4	3.4	4.3	3.6	4.4	4.6
3H	-5.8	-5.0	-5.5	-4.8	-4.5	3.5	4.3	3.7	4.5	4.7
4H	-5.9	-5.1	-5.6	-4.8	-4.6	3.5	4.3	3.8	4.6	4.8
6H	-5.9	-5.2	-5.6	-4.9	-4.7	3.6	4.3	3.9	4.6	4.9
8H	-6.0	-5.3	-5.7	-5.0	-4.7	3.6	4.3	3.9	4.6	4.9
12H	-6.0	-5.3	-5.7	-5.1	-4.8	3.6	4.3	3.9	4.6	4.9
4H 2H	-5.6	-4.8	-5.3	-4.6	-4.3	3.1	3.9	3.4	4.1	4.4
3H	-5.7	-5.0	-5.3	-4.7	-4.4	3.2	3.9	3.6	4.2	4.5
4H	-5.7	-5.1	-5.4	-4.8	-4.5	3.3	3.9	3.7	4.3	4.6
6H	-5.8	-5.3	-5.4	-4.9	-4.5	3.4	4.0	3.8	4.3	4.7
8H	-5.8	-5.3	-5.4	-5.0	-4.6	3.5	4.0	3.9	4.3	4.7
12H	-5.9	-5.4	-5.5	-5.0	-4.6	3.5	3.9	3.9	4.3	4.7
8H 4H	-5.8	-5.3	-5.4	-4.9	-4.5	3.2	3.7	3.6	4.0	4.4
6H	-5.8	-5.4	-5.4	-5.0	-4.6	3.3	3.7	3.7	4.1	4.5
8H	-5.9	-5.5	-5.4	-5.1	-4.6	3.3	3.7	3.8	4.1	4.6
12H	-5.9	-5.6	-5.4	-5.1	-4.6	3.4	3.7	3.8	4.1	4.6
12H 4H	-5.8	-5.3	-5.4	-4.9	-4.5	3.1	3.6	3.6	4.0	4.4
6H	-5.8	-5.5	-5.4	-5.0	-4.6	3.2	3.6	3.7	4.0	4.5
8H	-5.9	-5.6	-5.4	-5.1	-4.6	3.3	3.6	3.8	4.1	4.5
Variations with the observer position at spacings:										
S = 1.0H	+ 2.3 / - 5.5					+ 4.5 / - 4.1				
1.5H	+ 3.6 / - 4.6					+ 6.4 / - 5.0				
2.0H	+ 2.9 / - 2.7					+ 6.2 / - 4.2				

CIE Pub.117, 140.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.8)
Area: 0.8 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-13

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:220.10V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:140.441x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-20x55D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

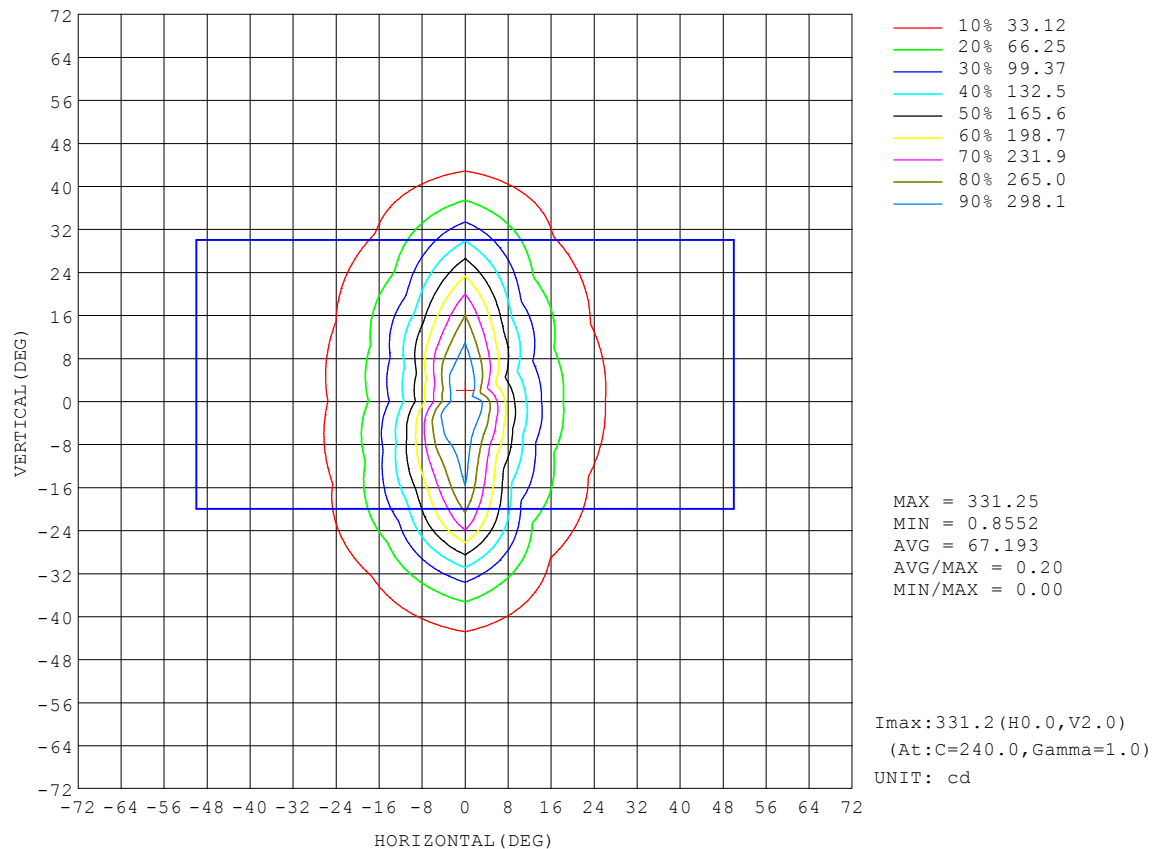
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	79	75	85	78	74	84	78	74	71
0.80	93	87	83	92	86	83	91	86	82	78
1.00	98	92	88	97	91	88	95	91	87	83
1.25	102	96	93	101	96	92	99	95	91	87
1.50	105	100	96	103	99	96	101	97	94	90
2.00	108	103	100	106	102	99	103	100	97	92
2.50	109	105	102	108	104	101	104	102	99	93
3.00	111	107	105	109	106	103	106	103	101	94
4.00	113	110	108	111	109	106	107	105	104	96
5.00	114	112	110	112	110	108	108	107	105	97
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: 2025-08-13

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:220.10V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:140.441x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-20x55D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

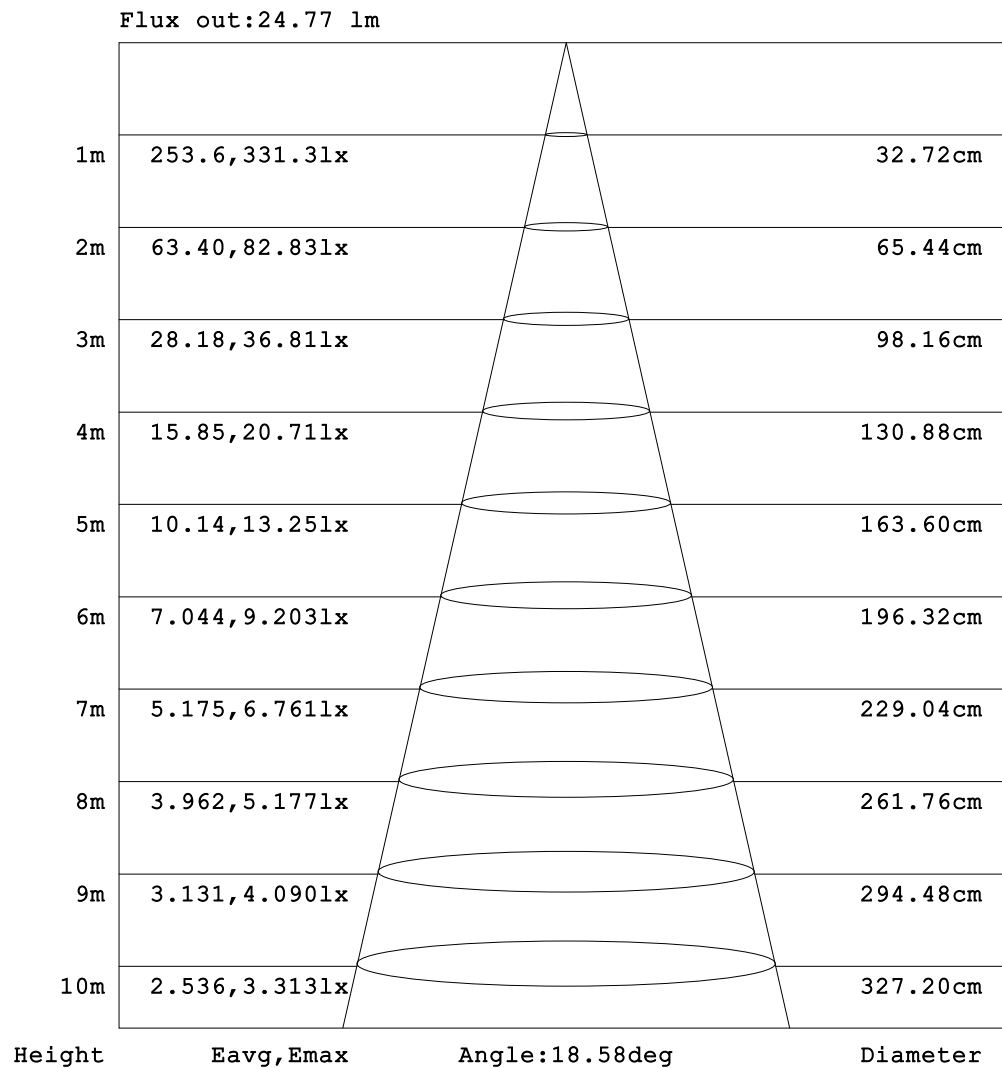


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-13

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:220.10V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:140.44lx1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-20x55D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



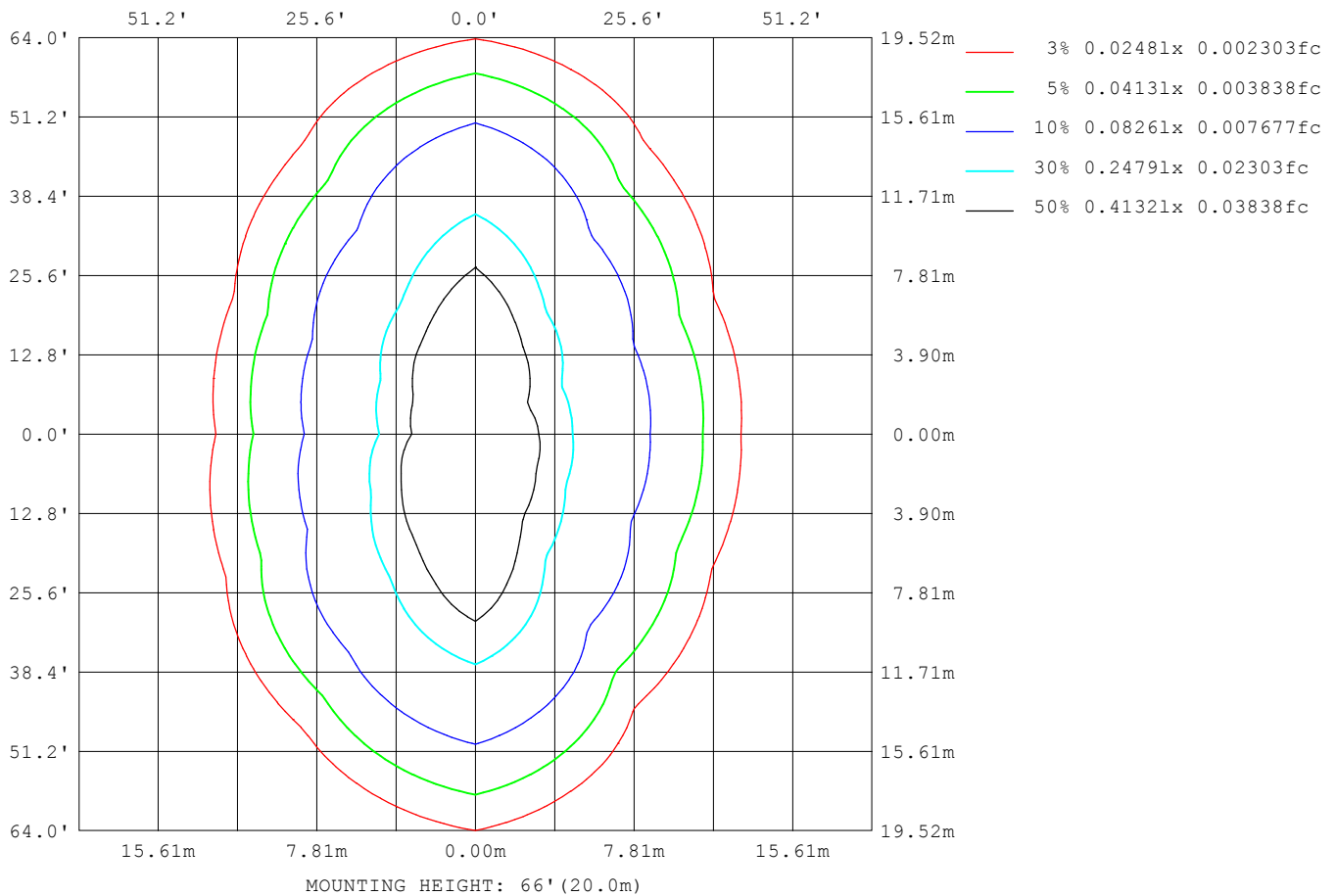
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-13

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:220.10V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:140.44lx1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-20x55D-REV2	TYPE:RGBW-RED	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:2025-08-13

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:220.10V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:140.441x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-20x55D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:20x55 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

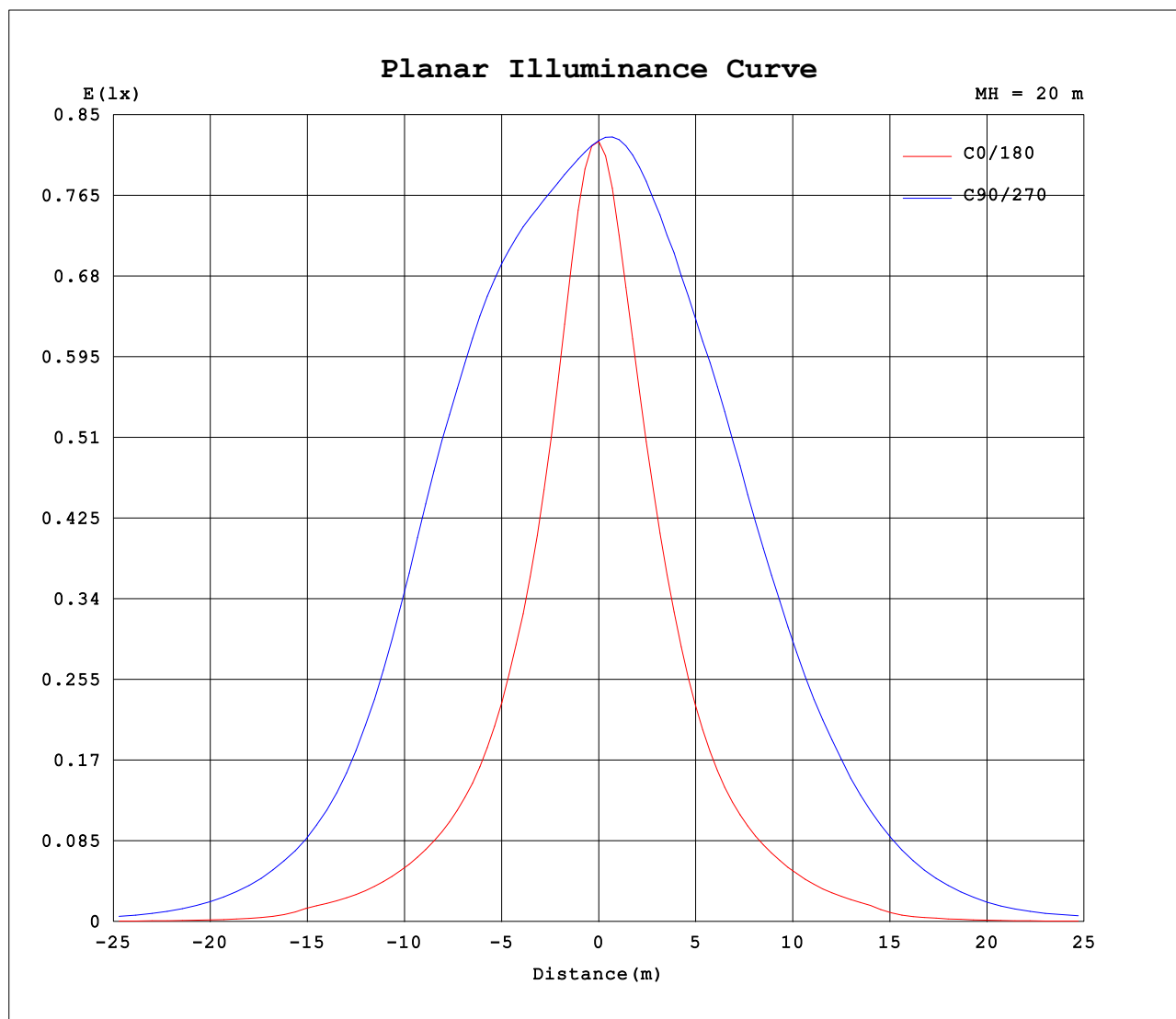
AvgL	cd/m2
L_0~180 (65) av	1
L_0~180 (75) av	1
L_0~180 (85) av	1
L_90~270 (65) av	10
L_90~270 (75) av	8
L_90~270 (85) av	5
L_45 (65) av	2
L_45 (75) av	1
L_45 (85) av	2

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-13

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: 2025-08-13

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:220.10V I:0.0440A P:5.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:140.441x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW RED-20x55D-REV2	TYPE:RGBW-RED	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	329	330	330	329	325	319	329	330	330	329	325	319						
5	255	268	292	318	317	302	248	258	307	327	282	226						
10	152	169	222	311	271	209	153	172	244	303	221	147						
15	91.4	101	158	300	209	130	89.8	110	180	271	161	95.3						
20	56.6	60.6	109	271	150	77.8	54.3	68.7	122	232	110	61.4						
25	36.6	38.3	70.5	217	102	46.7	34.8	43.4	79.3	181	72.5	40.0						
30	23.0	24.6	44.0	144	64.7	29.6	21.4	27.2	51.5	131	47.7	25.6						
35	14.0	15.5	26.9	85.6	38.7	18.7	12.6	16.7	33.2	85.2	31.5	16.0						
40	5.13	9.78	16.3	48.6	22.4	11.7	3.98	7.91	21.7	48.4	21.2	9.44						
45	2.25	3.59	10.1	24.2	13.0	4.72	1.88	2.83	14.4	23.4	14.3	3.05						
50	1.30	1.73	6.40	10.6	7.91	2.21	1.18	1.52	9.15	11.2	9.01	1.54						
55	0.92	1.09	3.78	6.10	4.70	1.30	0.75	1.03	4.87	6.83	4.85	1.04						
60	0.62	0.73	1.99	4.53	2.88	0.81	0.39	0.61	1.90	4.63	2.52	0.71						
65	0.37	0.45	1.12	3.34	1.53	0.43	0.19	0.32	1.01	3.28	1.15	0.44						
70	0.22	0.26	0.67	2.47	0.86	0.25	0.15	0.20	0.53	2.31	0.64	0.28						
75	0.11	0.13	0.37	1.77	0.44	0.24	0.15	0.16	0.26	1.61	0.33	0.17						
80	0.07	0.08	0.24	1.02	0.30	0.25	0.15	0.13	0.17	0.87	0.20	0.13						
85	0.04	0.05	0.18	0.38	0.24	0.25	0.15	0.11	0.11	0.28	0.14	0.09						
90	0.02	0.05	0.15	0.19	0.21	0.26	0.15	0.09	0.09	0.17	0.13	0.07						
95	0.01	0.05	0.14	0.20	0.19	0.26	0.15	0.09	0.08	0.16	0.13	0.07						
100	0.01	0.05	0.14	0.21	0.19	0.26	0.15	0.09	0.08	0.16	0.13	0.07						
105	0.01	0.06	0.14	0.22	0.19	0.25	0.12	0.08	0.08	0.16	0.13	0.06						
110	0.01	0.06	0.14	0.24	0.19	0.24	0.10	0.08	0.08	0.16	0.13	0.06						
115	0.01	0.06	0.14	0.28	0.19	0.19	0.08	0.06	0.08	0.16	0.14	0.06						
120	0.01	0.07	0.14	0.31	0.19	0.15	0.07	0.06	0.11	0.16	0.14	0.06						
125	0.01	0.07	0.14	0.31	0.19	0.14	0.07	0.06	0.13	0.16	0.16	0.06						
130	0.01	0.09	0.16	0.31	0.19	0.15	0.07	0.06	0.15	0.16	0.19	0.06						
135	0.03	0.12	0.21	0.35	0.23	0.16	0.09	0.06	0.20	0.20	0.22	0.06						
140	0.06	0.16	0.27	0.42	0.29	0.19	0.12	0.08	0.26	0.28	0.28	0.10						
145	0.11	0.22	0.36	0.49	0.38	0.26	0.15	0.14	0.34	0.36	0.39	0.18						
150	0.22	0.34	0.45	0.56	0.45	0.35	0.23	0.23	0.44	0.40	0.47	0.30						
155	0.37	0.49	0.53	0.59	0.52	0.46	0.35	0.37	0.53	0.45	0.53	0.45						
160	0.55	0.61	0.58	0.60	0.59	0.59	0.51	0.52	0.60	0.52	0.58	0.57						
165	0.67	0.67	0.61	0.63	0.62	0.68	0.64	0.63	0.65	0.56	0.61	0.63						
170	0.71	0.67	0.63	0.66	0.64	0.68	0.66	0.66	0.68	0.62	0.67	0.63						
175	0.71	0.67	0.66	0.69	0.66	0.68	0.66	0.67	0.68	0.66	0.68	0.64						
180	0.68	0.67	0.68	0.69	0.68	0.68	0.66	0.67	0.68	0.68	0.68	0.67						

C Range: 0 - 360DEG
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