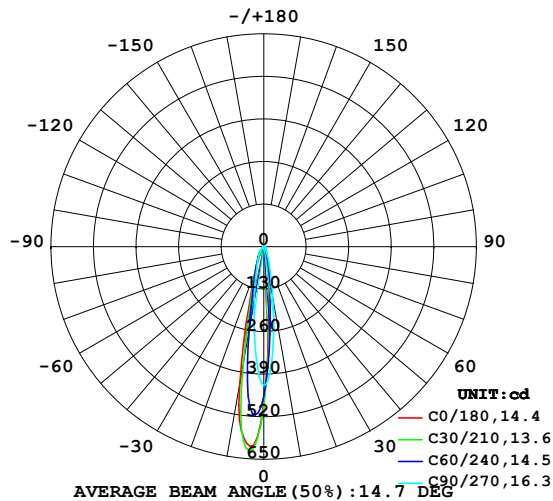


LUMINAIRE PHOTOMETRIC TEST REPORT

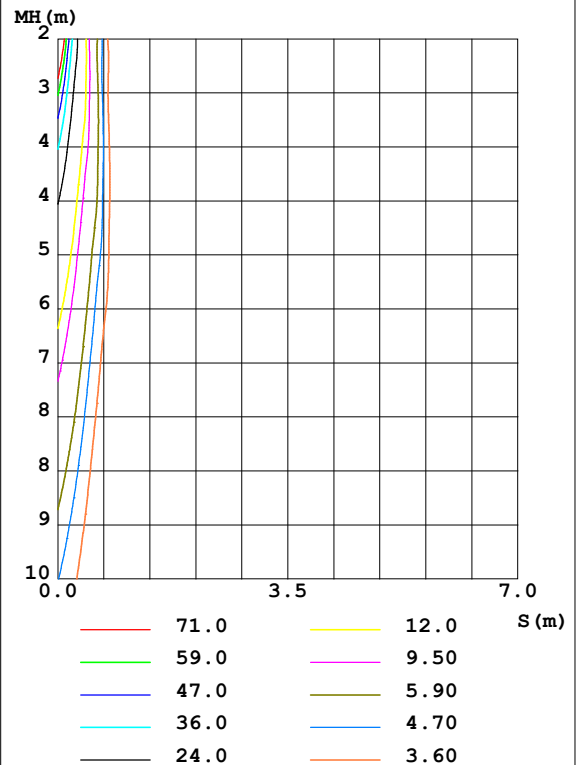
Test:U:219.99V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:84.3051x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 12.97 lm/W			
MODEL		I _{max} (cd)	805.7	S/MH(C0/180)	0.41
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.28
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	84.305	η UP,DN(C0-180)	0.5,45.2
NOMINAL FLUX(lm)	84.3051	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,54.0
LAMPS INSIDE	1	η up(%)	0.8	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	220	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:2025-08-20

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	75.32	95.04	162.0	536.1	425.5	315.1	168.6	106.1	0- 10	30.53	30.53	36.2,36.2
20	19.20	21.15	41.13	102.6	74.81	73.98	60.72	19.64	10- 20	30.61	61.14	72.5,72.5
30	2.841	5.079	15.92	15.99	13.21	23.67	31.11	7.619	20- 30	12.25	73.39	87.1,87.1
40	1.042	1.297	7.287	6.959	3.280	8.121	15.81	1.996	30- 40	6.088	79.48	94.3,94.3
50	0.3809	0.3086	4.027	1.071	0.7119	1.458	7.512	0.6079	40- 50	2.281	81.76	97,97
60	0.1969	0.1444	2.628	0.5117	0.1135	0.4546	3.738	0.1507	50- 60	1.025	82.79	98.2,98.2
70	0.0789	0.0766	1.438	0.1379	0.0305	0.1376	1.515	0.1072	60- 70	0.5153	83.30	98.8,98.8
80	0.0306	0.0569	0.3887	0.1115	0.0044	0.0613	0.3725	0.0569	70- 80	0.2239	83.53	99.1,99.1
90	0.0131	0.0503	0.0919	0.0744	0.0044	0.0459	0.1050	0.0547	80- 90	0.0779	83.60	99.2,99.2
100	0.0131	0.0460	0.0919	0.0678	0.0044	0.0328	0.1006	0.0416	90-100	0.0572	83.66	99.2,99.2
110	0.0131	0.0459	0.1050	0.0481	0.0087	0.0328	0.0962	0.0416	100-110	0.0505	83.71	99.3,99.3
120	0.0174	0.0875	0.1225	0.0765	0.0087	0.0328	0.0919	0.0437	110-120	0.0515	83.76	99.4,99.4
130	0.0656	0.0678	0.1225	0.0503	0.0175	0.0350	0.0875	0.0634	120-130	0.0524	83.82	99.4,99.4
140	0.0568	0.1117	0.1445	0.0853	0.0263	0.0459	0.0875	0.0788	130-140	0.0553	83.87	99.5,99.5
150	0.3014	0.3237	0.2889	0.1137	0.0832	0.0875	0.1487	0.3739	140-150	0.0806	83.95	99.6,99.6
160	0.5554	0.5424	0.5076	0.3740	0.2892	0.3019	0.3848	0.4789	150-160	0.1525	84.10	99.8,99.8
170	0.4771	0.5162	0.4942	0.7801	0.5205	0.4943	0.4724	0.3675	160-170	0.1525	84.26	99.9,99.9
180	0.4331	0.4309	0.4462	0.5512	0.4462	0.4265	0.4462	0.4549	170-180	0.0481	84.31	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:219.99V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:84.3051x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	0	2
80	0	3
75	0	4
70	0	5
65	0	6
60	0	7
55	1	7
50	1	8
45	1	9

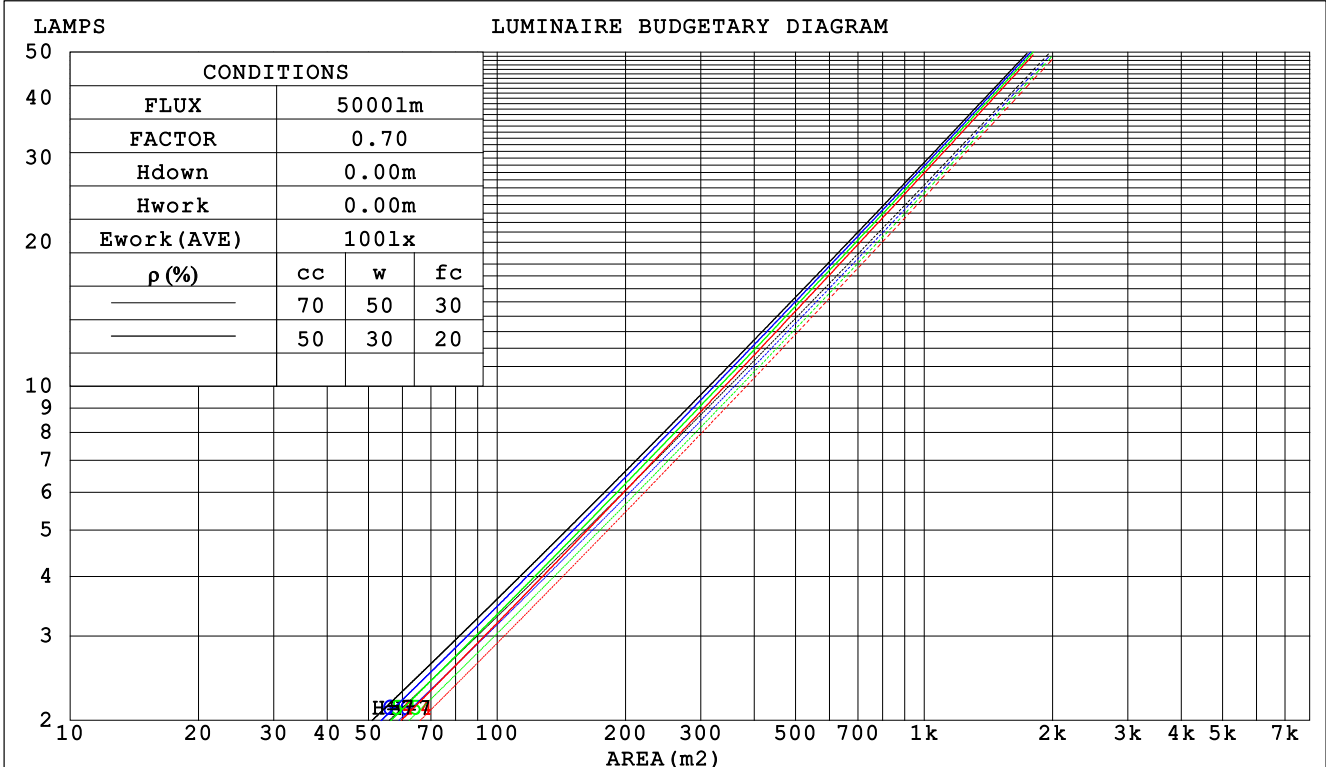
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

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:219.99V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:84.3051x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 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	1.12	1.10	1.08	1.10	1.08	1.06	1.06	1.04	1.03	1.02	1.01	.00	.98	.98	.97	.95
2.0	1.06	1.03	1.00	1.05	1.02	.99	1.01	.99	.97	.98	.96	.95	.96	.94	.93	.91
3.0	1.01	.97	.94	.00	.96	.94	.97	.94	.92	.95	.92	.90	.93	.91	.89	.88
4.0	.97	.93	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.88	.86	.84
5.0	.93	.89	.85	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.85	.83	.81
6.0	.89	.85	.82	.89	.85	.81	.87	.84	.81	.86	.83	.80	.85	.82	.80	.79
7.0	.86	.82	.79	.86	.81	.78	.85	.81	.78	.83	.80	.78	.82	.79	.77	.76
8.0	.83	.79	.76	.83	.79	.76	.82	.78	.76	.81	.78	.75	.80	.77	.75	.74
9.0	.81	.77	.74	.80	.76	.73	.80	.76	.73	.79	.75	.73	.78	.75	.73	.72
10.0	.79	.74	.71	.78	.74	.71	.77	.74	.71	.77	.73	.71	.76	.73	.71	.70



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:219.99V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:84.3051x1 lm					
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2			TYPE:RGBW-RED		WEIGHT:00
SPEC.:15 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	.147	.084	.026	.140	.080	.025	.127	.073	.023	.115	.067	.021	.104	.061	.020	
2.0	.137	.075	.023	.131	.072	.022	.121	.067	.021	.111	.062	.019	.102	.057	.018	
3.0	.128	.068	.020	.123	.066	.020	.114	.062	.019	.106	.058	.018	.098	.054	.017	
4.0	.120	.062	.018	.116	.061	.018	.108	.057	.017	.101	.054	.016	.094	.051	.016	
5.0	.113	.058	.017	.109	.056	.016	.103	.054	.016	.097	.051	.015	.091	.049	.015	
6.0	.107	.053	.015	.104	.052	.015	.098	.050	.015	.093	.048	.014	.087	.046	.014	
7.0	.101	.050	.014	.098	.049	.014	.093	.047	.014	.089	.045	.013	.084	.044	.013	
8.0	.096	.047	.013	.094	.046	.013	.089	.045	.013	.085	.043	.012	.081	.042	.012	
9.0	.092	.044	.012	.090	.044	.012	.086	.042	.012	.082	.041	.012	.078	.040	.012	
10.0	.088	.042	.012	.086	.041	.012	.082	.040	.011	.079	.039	.011	.076	.038	.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	.197	.197	.197	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.175	.164	.154	.150	.141	.132	.103	.097	.091	.059	.056	.053	.019	.018	.017	
2.0	.158	.139	.123	.135	.120	.106	.093	.083	.074	.053	.048	.044	.017	.016	.014	
3.0	.144	.120	.101	.123	.103	.087	.085	.072	.061	.049	.042	.036	.016	.014	.012	
4.0	.131	.105	.084	.113	.090	.073	.078	.063	.051	.045	.037	.030	.014	.012	.010	
5.0	.121	.092	.071	.104	.080	.062	.072	.056	.044	.042	.033	.026	.013	.011	.009	
6.0	.113	.083	.061	.097	.072	.053	.067	.050	.038	.039	.029	.022	.012	.010	.007	
7.0	.105	.075	.053	.090	.065	.046	.062	.045	.033	.036	.027	.020	.012	.009	.006	
8.0	.099	.068	.047	.085	.059	.041	.059	.041	.029	.034	.024	.017	.011	.008	.006	
9.0	.093	.062	.041	.080	.054	.036	.055	.038	.026	.032	.022	.015	.010	.007	.005	
10.0	.088	.057	.037	.076	.050	.033	.053	.035	.023	.031	.021	.014	.010	.007	.005	

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:219.99V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:84.3051x1 lm										
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2					TYPE:RGBW-RED			WEIGHT:00		
SPEC.:15 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	-17.4	-16.7	-17.2	-16.6	-16.4	-4.1	-3.4	-3.9	-3.3	-3.1
3H	-17.1	-16.5	-16.9	-16.3	-16.1	-2.7	-2.1	-2.5	-1.9	-1.7
4H	-17.0	-16.4	-16.8	-16.2	-16.0	-2.2	-1.6	-1.9	-1.4	-1.1
6H	-17.0	-16.4	-16.7	-16.1	-15.9	-1.9	-1.3	-1.6	-1.1	-0.8
8H	-16.9	-16.4	-16.6	-16.1	-15.8	-1.9	-1.3	-1.6	-1.0	-0.8
12H	-16.8	-16.3	-16.5	-16.0	-15.7	-1.9	-1.3	-1.5	-1.0	-0.7
4H 2H	-16.9	-16.3	-16.7	-16.1	-15.9	-4.4	-3.8	-4.1	-3.5	-3.3
3H	-16.7	-16.1	-16.4	-15.9	-15.6	-2.9	-2.4	-2.6	-2.1	-1.8
4H	-16.6	-16.1	-16.2	-15.8	-15.5	-2.4	-1.9	-2.0	-1.6	-1.3
6H	-16.5	-16.0	-16.1	-15.7	-15.3	-2.0	-1.6	-1.6	-1.2	-0.9
8H	-16.4	-16.0	-16.0	-15.6	-15.2	-1.9	-1.5	-1.5	-1.2	-0.8
12H	-16.2	-15.8	-15.8	-15.4	-15.0	-1.9	-1.5	-1.5	-1.1	-0.7
8H 4H	-16.1	-15.6	-15.7	-15.3	-14.9	-2.5	-2.1	-2.1	-1.8	-1.4
6H	-15.9	-15.6	-15.5	-15.2	-14.7	-2.2	-1.8	-1.7	-1.4	-1.0
8H	-15.8	-15.5	-15.3	-15.0	-14.6	-2.0	-1.7	-1.6	-1.3	-0.9
12H	-15.5	-15.2	-15.0	-14.8	-14.3	-2.0	-1.7	-1.5	-1.3	-0.8
12H 4H	-15.9	-15.5	-15.4	-15.1	-14.7	-2.6	-2.2	-2.2	-1.8	-1.4
6H	-15.6	-15.3	-15.1	-14.9	-14.4	-2.2	-1.9	-1.8	-1.5	-1.0
8H	-15.4	-15.2	-14.9	-14.7	-14.2	-2.1	-1.8	-1.6	-1.4	-0.9
Variations with the observer position at spacings:										
S = 1.0H	+ 2.1 / - 1.7					+ 1.9 / - 1.2				
1.5H	+ 3.1 / - 2.1					+ 3.3 / - 2.8				
2.0H	+ 2.7 / - 2.0					+ 3.8 / - 4.2				

CIE Pub.117, 84.31 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -8.6)
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:219.99V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:84.3051x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

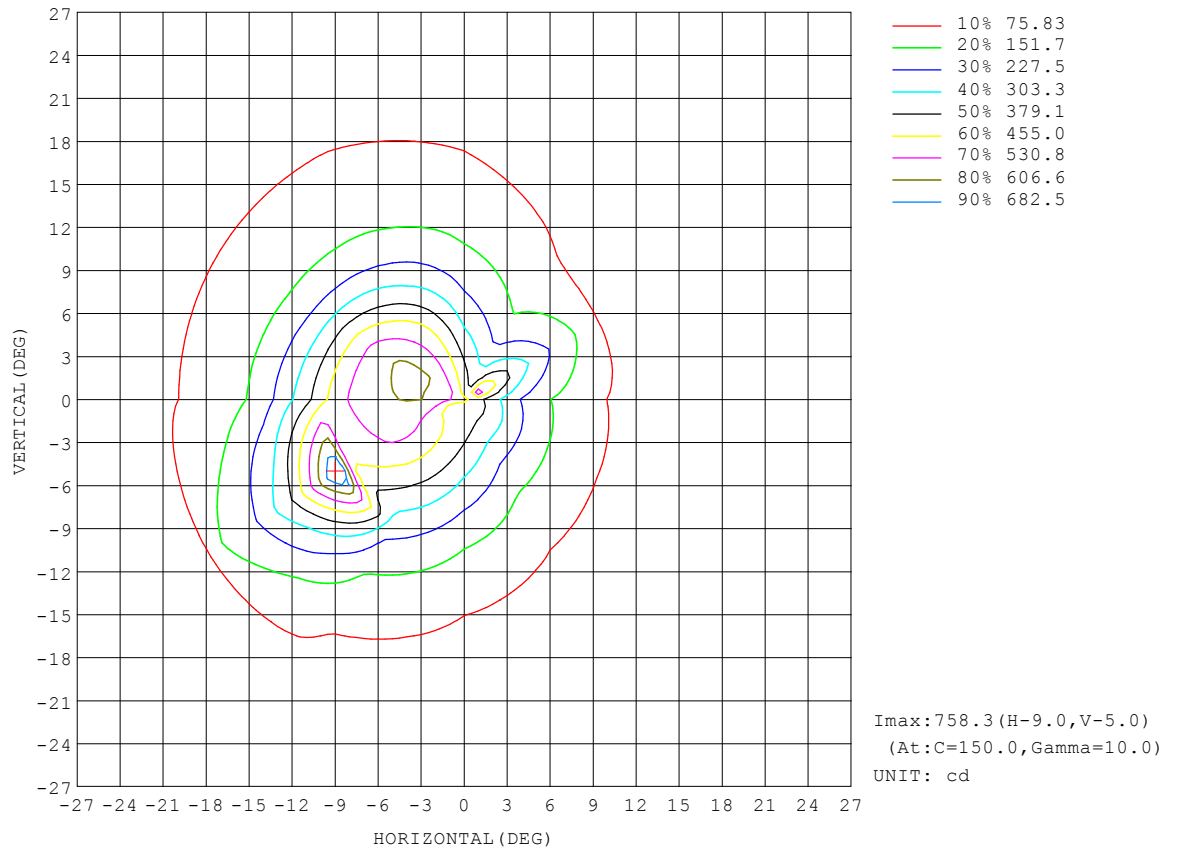
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	87	82	78	87	81	78	74
0.80	95	90	86	95	89	86	93	89	85	82
1.00	99	94	90	99	94	90	97	93	90	86
1.25	103	98	95	102	98	94	100	96	94	89
1.50	106	101	98	105	101	98	102	99	96	92
2.00	109	104	101	107	103	100	104	101	99	94
2.50	110	106	103	109	105	103	105	103	101	94
3.00	112	108	106	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	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:2025-08-20

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:219.99V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:84.3051x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

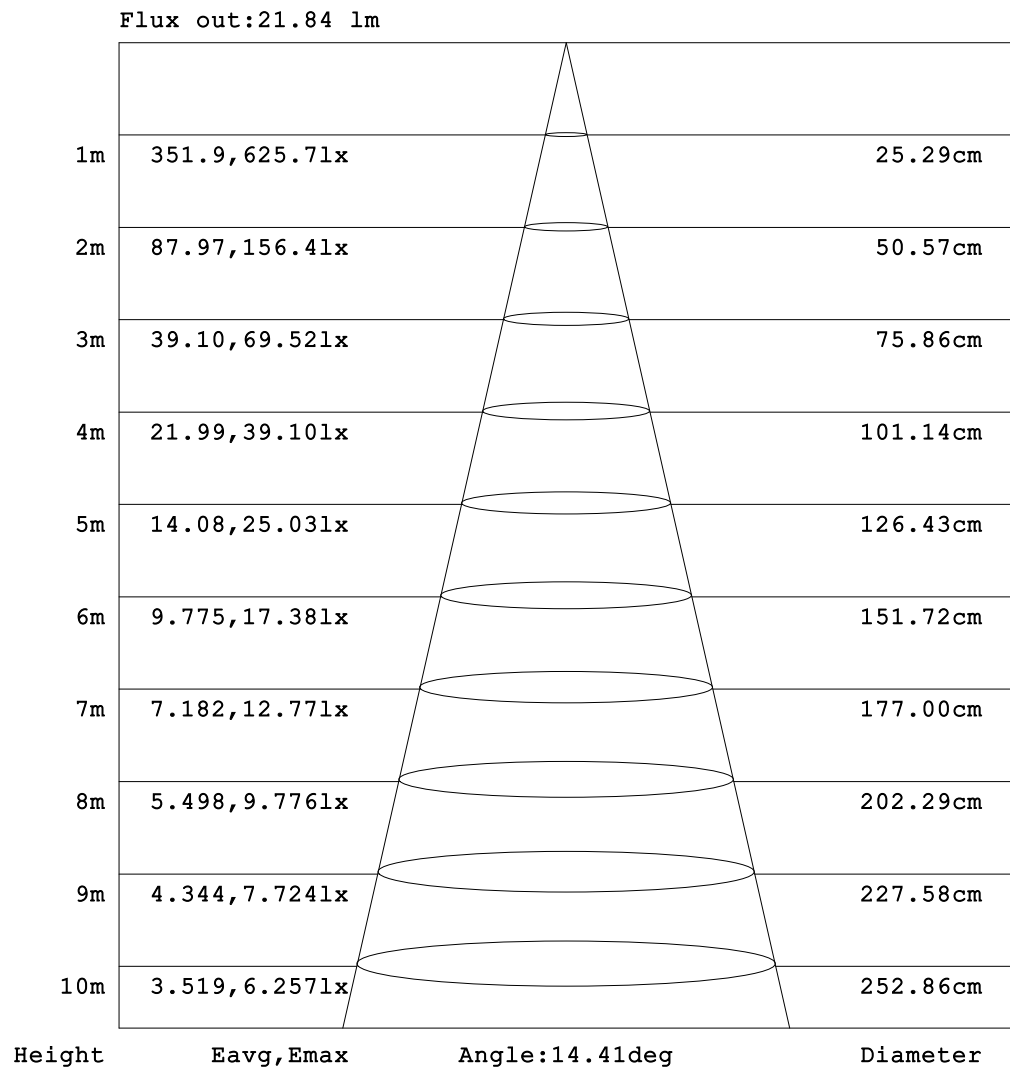


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

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:219.99V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:84.3051x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



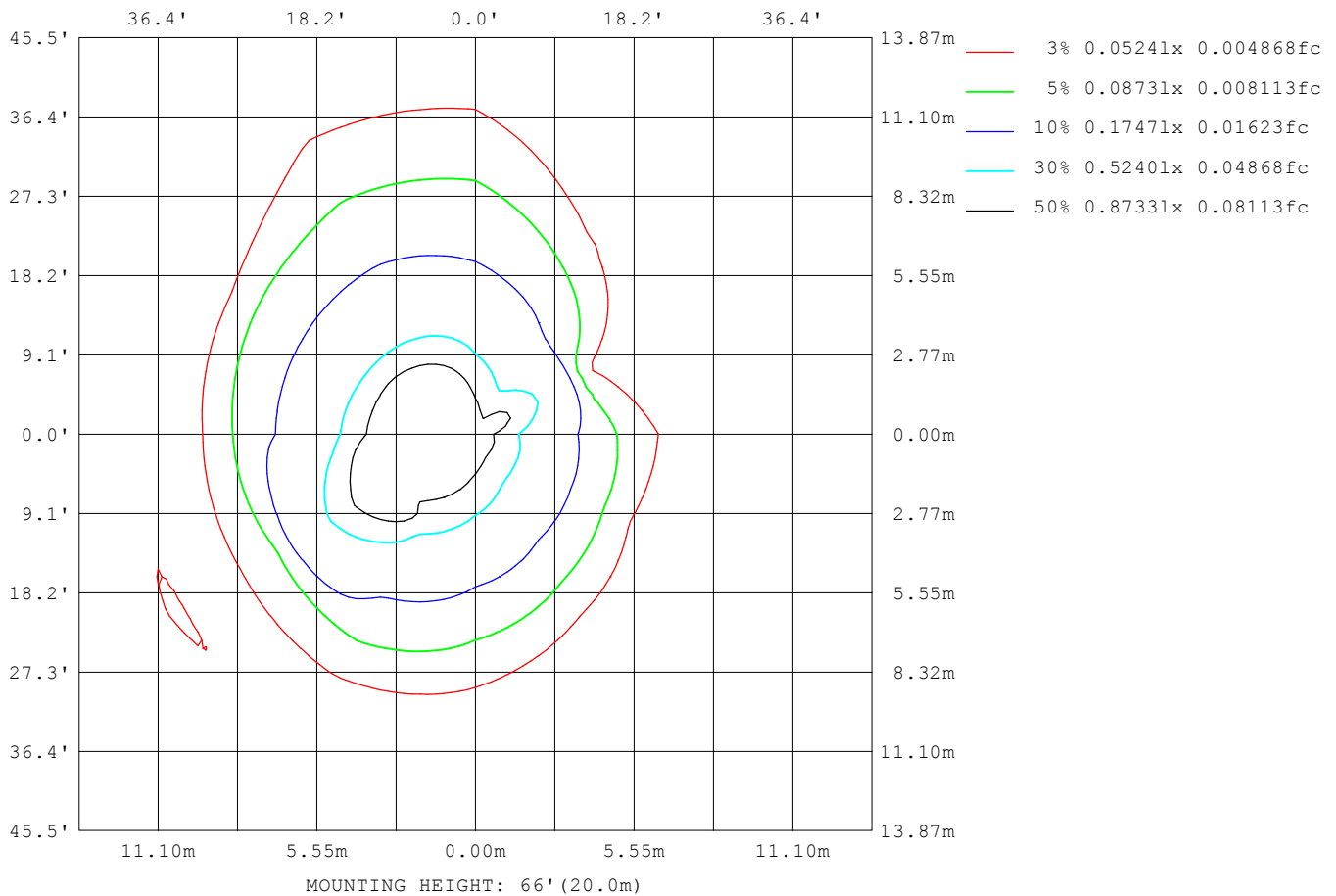
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:219.99V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:84.3051x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 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:219.99V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:84.3051x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

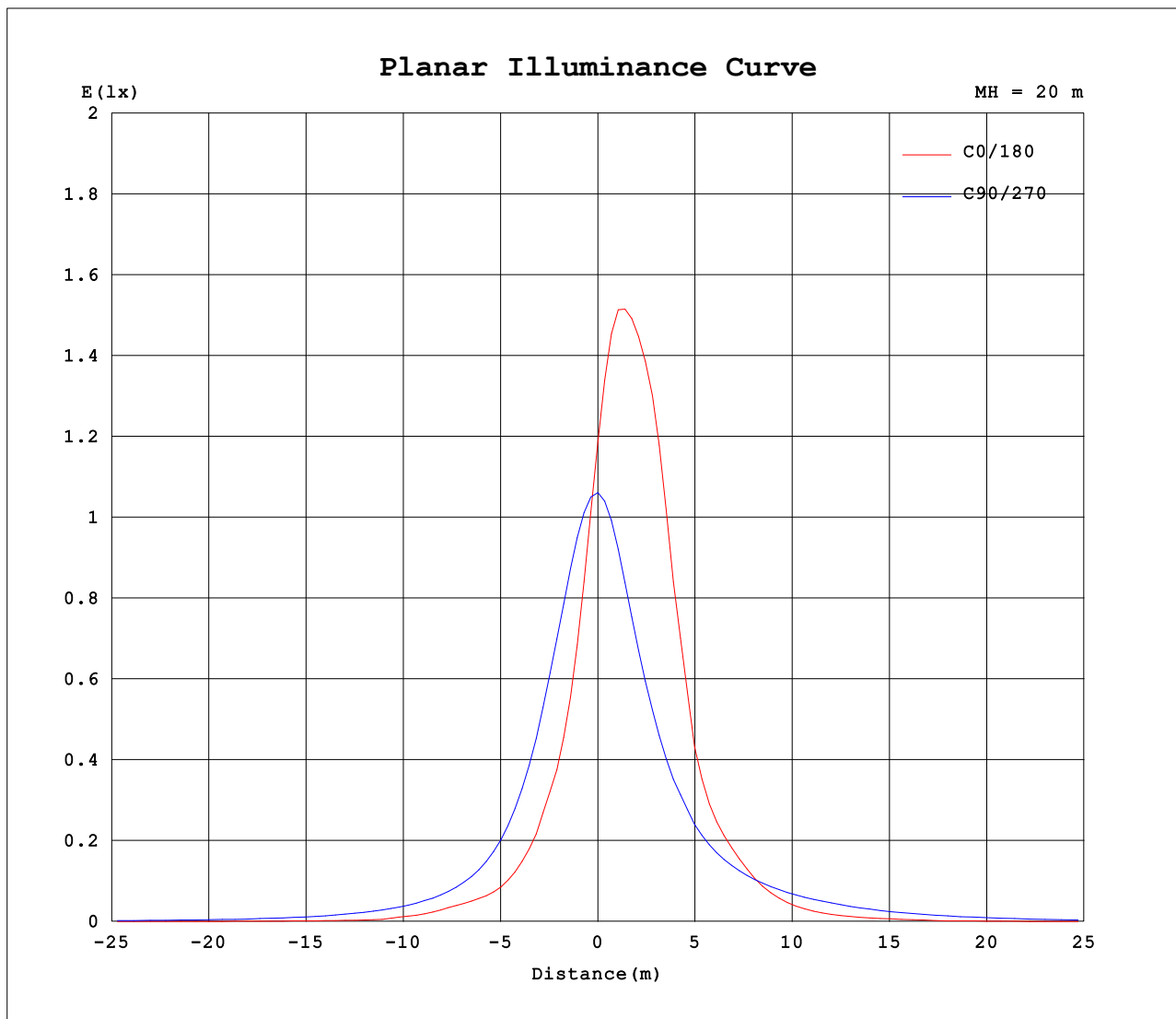
AvgL	cd/m2
L_0~180 (65) av	0
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	7
L_90~270 (75) av	4
L_90~270 (85) av	2
L_45 (65) av	0
L_45 (75) av	0
L_45 (85) av	1

Standard: GB/T 29293-2012

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

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:219.99V I:0.0490A P:6.5000W PF:0.9000 Freq:49.99Hz Lamp Flux:84.3051x1 lm		
NAME:Lumino Ground-500mm-RGBW RED-15D-REV2	TYPE:RGBW-RED	WEIGHT:00
SPEC.:15 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	475	487	457	425	390	353	475	487	457	425	390	353						
5	184	204	230	318	431	546	604	619	492	305	199	314						
10	75.3	86.3	104	162	267	806	425	366	265	169	102	110						
15	32.5	35.0	49.9	76.8	132	318	156	134	124	94.6	56.1	15.6						
20	19.2	16.6	25.7	41.1	63.1	142	74.8	74.6	73.4	60.7	31.3	7.98						
25	8.47	8.21	13.3	24.7	32.8	30.0	31.2	36.7	47.5	42.4	18.1	15.2						
30	2.84	2.93	7.23	15.9	19.3	12.7	13.2	13.3	34.1	31.1	11.7	3.52						
35	1.67	1.05	4.14	10.6	12.8	15.3	6.69	5.23	24.2	22.4	7.30	1.25						
40	1.04	0.59	2.01	7.29	7.59	6.33	3.28	2.89	13.4	15.8	3.27	0.72						
45	0.56	0.33	0.86	5.23	3.41	1.38	1.38	1.52	5.41	11.0	1.23	0.96						
50	0.38	0.17	0.44	4.03	1.50	0.64	0.71	0.80	2.12	7.51	0.65	0.57						
55	0.26	0.11	0.32	3.24	0.86	0.98	0.34	0.42	1.25	5.22	0.38	0.10						
60	0.20	0.08	0.21	2.63	0.56	0.47	0.11	0.20	0.71	3.74	0.22	0.08						
65	0.14	0.06	0.15	2.06	0.35	0.07	0.06	0.13	0.38	2.46	0.13	0.13						
70	0.08	0.03	0.12	1.44	0.21	0.07	0.03	0.10	0.18	1.51	0.09	0.12						
75	0.05	0.03	0.11	0.84	0.15	0.14	0.01	0.08	0.10	0.86	0.07	0.07						
80	0.03	0.03	0.09	0.39	0.13	0.10	0.00	0.06	0.07	0.37	0.07	0.05						
85	0.03	0.03	0.08	0.13	0.12	0.03	0.00	0.04	0.06	0.14	0.07	0.04						
90	0.01	0.03	0.07	0.09	0.11	0.03	0.00	0.04	0.06	0.10	0.07	0.04						
95	0.01	0.03	0.07	0.09	0.11	0.03	0.00	0.01	0.06	0.10	0.07	0.04						
100	0.01	0.03	0.07	0.09	0.11	0.03	0.00	0.01	0.06	0.10	0.07	0.02						
105	0.01	0.03	0.06	0.10	0.11	0.03	0.00	0.01	0.06	0.10	0.07	0.02						
110	0.01	0.03	0.06	0.10	0.07	0.03	0.01	0.01	0.06	0.10	0.07	0.02						
115	0.01	0.07	0.06	0.11	0.07	0.04	0.01	0.01	0.06	0.10	0.07	0.02						
120	0.02	0.07	0.11	0.12	0.12	0.03	0.01	0.01	0.06	0.09	0.07	0.02						
125	0.04	0.07	0.08	0.12	0.08	0.03	0.02	0.01	0.06	0.09	0.07	0.02						
130	0.07	0.05	0.08	0.12	0.07	0.03	0.02	0.01	0.06	0.09	0.07	0.05						
135	0.06	0.07	0.08	0.13	0.09	0.04	0.02	0.01	0.07	0.09	0.09	0.10						
140	0.06	0.12	0.11	0.14	0.10	0.07	0.03	0.01	0.08	0.09	0.11	0.05						
145	0.14	0.20	0.17	0.19	0.11	0.04	0.04	0.01	0.09	0.10	0.16	0.07						
150	0.30	0.36	0.29	0.29	0.16	0.07	0.08	0.05	0.13	0.15	0.25	0.50						
155	0.47	0.51	0.42	0.40	0.25	0.43	0.15	0.12	0.20	0.26	0.37	0.41						
160	0.56	0.58	0.51	0.51	0.39	0.35	0.29	0.26	0.35	0.38	0.47	0.49						
165	0.56	0.59	0.58	0.52	0.50	0.51	0.47	0.43	0.49	0.47	0.47	1.27						
170	0.48	0.49	0.54	0.49	0.52	1.04	0.52	0.50	0.49	0.47	0.44	0.29						
175	0.45	0.42	0.48	0.45	0.53	1.32	0.49	0.51	0.45	0.47	0.44	0.41						
180	0.43	0.42	0.45	0.45	0.80	0.30	0.45	0.43	0.42	0.45	0.44	0.47						

C Range: 0 - 360DEG
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