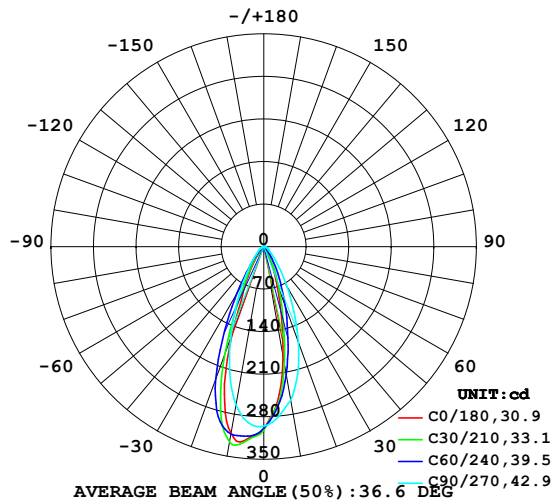


LUMINAIRE PHOTOMETRIC TEST REPORT

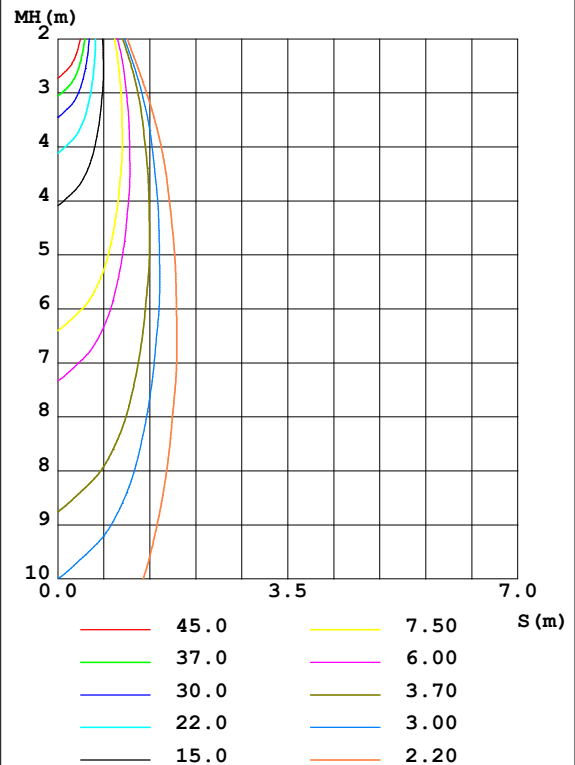
Test:U:219.99V I:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:150.648x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-30x40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:30x40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 22.48 lm/W			
MODEL		I _{max} (cd)	330.1	S/MH (C0/180)	0.60
NOMINAL POWER(W)	22.3	LOR(%)	100.0	S/MH (C90/270)	0.68
RATED VOLTAGE(V)	220	TOTAL FLUX (lm)	150.65	η UP,DN (C0-180)	0.4,49.1
NOMINAL FLUX(lm)	150.648	CIE CLASS	DIRECT	η UP,DN (C180-360)	0.3,50.2
LAMPS INSIDE	1	η up (%)	0.7	CIBSE SHR NOM	0.50
TEST VOLTAGE (V)	220	η down (%)	99.3	CIBSE SHR MAX	0.55

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:2025-08-19

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	182.8	204.8	256.6	301.3	311.4	319.6	264.1	191.2	0- 10	26.22	26.22	17.4,17.4
20	60.64	88.24	167.1	221.2	153.0	209.0	159.6	77.29	10- 20	55.71	81.93	54.4,54.4
30	6.958	26.77	77.66	80.28	43.53	70.11	68.49	20.76	20- 30	40.68	122.6	81.4,81.4
40	1.691	6.213	31.14	21.25	4.721	16.31	25.53	4.368	30- 40	17.20	139.8	92.8,92.8
50	0.4380	1.101	14.02	4.507	1.219	3.632	12.45	0.8961	40- 50	5.707	145.5	96.6,96.6
60	0.2188	0.4049	8.097	0.9236	0.2753	0.8021	7.260	0.3278	50- 60	2.360	147.9	98.2,98.2
70	0.1094	0.1685	4.121	0.2868	0.0830	0.2294	3.091	0.1356	60- 70	1.200	149.1	99,99
80	0.0438	0.0919	0.9912	0.1072	0.0131	0.0852	0.6004	0.0655	70- 80	0.4535	149.5	99.3,99.3
90	0.0175	0.0635	0.0919	0.0634	0.0131	0.0438	0.0700	0.0416	80- 90	0.1027	149.6	99.3,99.3
100	0.0131	0.0525	0.0919	0.0503	0.0131	0.0394	0.0700	0.0416	90-100	0.0519	149.7	99.4,99.4
110	0.0131	0.0525	0.0962	0.0503	0.0131	0.0416	0.0700	0.0416	100-110	0.0491	149.7	99.4,99.4
120	0.0131	0.0591	0.1225	0.0525	0.0131	0.0416	0.0700	0.0569	110-120	0.0491	149.8	99.4,99.4
130	0.0305	0.1159	0.1750	0.0591	0.0219	0.0547	0.1400	0.0941	120-130	0.0589	149.8	99.5,99.5
140	0.1746	0.2865	0.3063	0.1290	0.0656	0.1050	0.2754	0.2537	130-140	0.0994	149.9	99.5,99.5
150	0.4984	0.5425	0.5163	0.3061	0.2015	0.2647	0.4723	0.4900	140-150	0.1848	150.1	99.7,99.7
160	0.7872	0.7458	0.7131	0.5687	0.4727	0.5075	0.6079	0.6934	150-160	0.2390	150.4	99.8,99.8
170	0.8486	0.8223	0.8444	0.7961	0.7220	0.7480	0.7916	0.8290	160-170	0.2024	150.6	99.9,99.9
180	0.8486	0.8617	0.8749	0.8836	0.8442	0.8596	0.8749	0.8814	170-180	0.0798	150.6	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:2025-08-19

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:150.648x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-30x40D-REV2	TYPE:RGBW-4000K	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	1	3
80	0	7
75	0	10
70	0	15
65	0	18
60	1	20
55	1	23
50	1	27
45	1	36

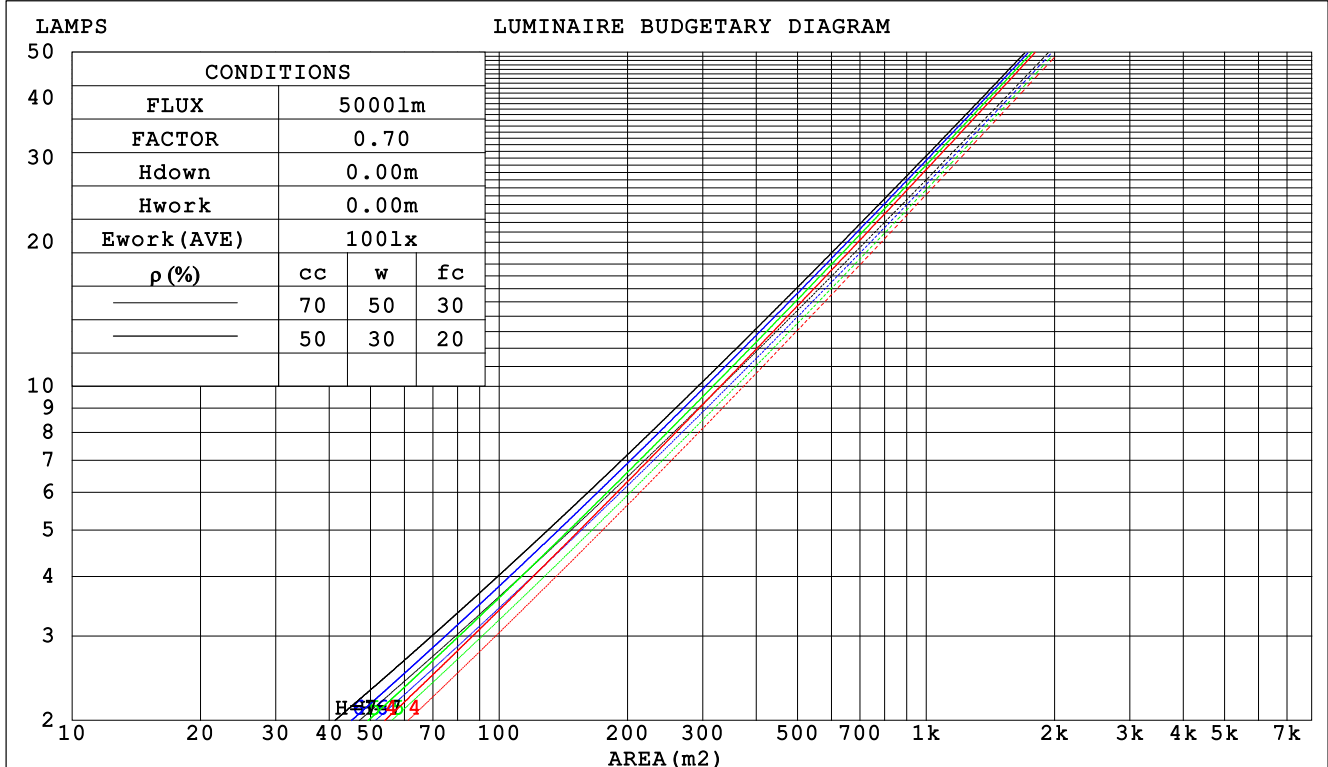
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-19

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.99V I:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:150.648x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-30x40D-REV2	TYPE:RGBW-4000K	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	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	1.07	1.09	1.07	1.05	1.05	1.03	1.02	1.01	.99	.99	.97	.96	.96	.94
2.0	1.04	1.00	.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	.93	.87	.84	.91	.87	.83	.89	.85	.82	.87	.84	.81	.85	.82	.80	.79
5.0	.88	.82	.78	.87	.82	.78	.85	.81	.77	.83	.79	.77	.82	.78	.76	.74
6.0	.83	.78	.74	.82	.77	.74	.81	.76	.73	.79	.75	.72	.78	.75	.72	.71
7.0	.79	.74	.70	.78	.73	.70	.77	.73	.69	.76	.72	.69	.75	.71	.68	.67
8.0	.75	.70	.66	.75	.70	.66	.74	.69	.66	.73	.68	.66	.72	.68	.65	.64
9.0	.72	.67	.63	.71	.66	.63	.70	.66	.63	.70	.65	.62	.69	.65	.62	.61
10.0	.69	.64	.60	.68	.63	.60	.68	.63	.60	.67	.63	.60	.66	.62	.60	.58



C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-19

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:150.648x1 lm					
NAME:Lumino Ground-500mm-RGBW 4000K-30x40D-REV2			TYPE:RGBW-4000K		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	.167	.095	.030	.160	.091	.029	.147	.084	.027	.135	.078	.025	.124	.072	.023		
2.0	.158	.087	.027	.152	.084	.026	.141	.079	.024	.131	.074	.023	.122	.069	.022		
3.0	.149	.079	.024	.144	.077	.023	.135	.073	.022	.127	.069	.021	.119	.066	.020		
4.0	.141	.073	.022	.137	.072	.021	.129	.069	.020	.122	.065	.020	.115	.062	.019		
5.0	.134	.068	.020	.130	.067	.019	.124	.064	.019	.117	.062	.018	.111	.059	.018		
6.0	.127	.064	.018	.124	.063	.018	.118	.061	.018	.113	.059	.017	.107	.057	.017		
7.0	.121	.060	.017	.119	.059	.017	.113	.057	.017	.108	.056	.016	.104	.054	.016		
8.0	.116	.057	.016	.114	.056	.016	.109	.054	.016	.104	.053	.015	.100	.051	.015		
9.0	.111	.054	.015	.109	.053	.015	.105	.052	.015	.101	.050	.014	.097	.049	.014		
10.0	.106	.051	.014	.104	.050	.014	.101	.049	.014	.097	.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	.119	.137	.119	.103	.094	.082	.072	.054	.048	.042	.017	.015	.014	
3.0	.146	.119	.097	.126	.102	.084	.086	.071	.059	.050	.042	.035	.016	.013	.011	
4.0	.136	.104	.080	.116	.090	.069	.080	.063	.049	.046	.037	.029	.015	.012	.009	
5.0	.126	.092	.067	.108	.080	.058	.075	.056	.041	.043	.033	.024	.014	.011	.008	
6.0	.118	.083	.057	.102	.071	.049	.070	.050	.035	.041	.029	.021	.013	.010	.007	
7.0	.112	.075	.049	.096	.065	.043	.066	.045	.030	.039	.027	.018	.012	.009	.006	
8.0	.106	.068	.043	.091	.059	.037	.063	.042	.027	.037	.025	.016	.012	.008	.005	
9.0	.100	.063	.038	.086	.055	.033	.060	.038	.024	.035	.023	.014	.011	.007	.005	
10.0	.096	.059	.034	.082	.051	.030	.057	.036	.021	.033	.021	.013	.011	.007	.004	

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-19

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:150.648x1 lm										
NAME:Lumino Ground-500mm-RGBW 4000K-30x40D-REV2					TYPE:RGBW-4000K			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	-14.0	-13.1	-13.8	-13.0	-12.8	1.1	1.9	1.3	2.1	2.3
3H	-14.0	-13.3	-13.8	-13.1	-12.8	1.9	2.7	2.2	2.9	3.1
4H	-14.1	-13.3	-13.8	-13.1	-12.9	2.2	2.9	2.5	3.1	3.4
6H	-14.1	-13.4	-13.8	-13.2	-12.9	2.3	3.0	2.6	3.2	3.5
8H	-14.1	-13.5	-13.8	-13.2	-12.9	2.3	3.0	2.6	3.2	3.5
12H	-14.2	-13.5	-13.8	-13.2	-13.0	2.3	2.9	2.6	3.2	3.5
4H 2H	-13.5	-12.8	-13.2	-12.5	-12.3	0.8	1.6	1.1	1.8	2.0
3H	-13.6	-12.9	-13.2	-12.6	-12.3	1.7	2.3	2.0	2.6	2.9
4H	-13.6	-13.0	-13.2	-12.7	-12.4	1.9	2.5	2.3	2.8	3.2
6H	-13.6	-13.1	-13.3	-12.8	-12.4	2.1	2.6	2.5	3.0	3.3
8H	-13.6	-13.2	-13.2	-12.8	-12.4	2.1	2.6	2.5	3.0	3.4
12H	-13.6	-13.2	-13.2	-12.8	-12.4	2.1	2.6	2.5	2.9	3.3
8H 4H	-13.3	-12.8	-12.9	-12.4	-12.0	1.8	2.3	2.2	2.6	3.0
6H	-13.3	-12.9	-12.9	-12.5	-12.1	2.0	2.4	2.4	2.8	3.2
8H	-13.3	-12.9	-12.8	-12.5	-12.1	2.0	2.3	2.5	2.8	3.2
12H	-13.3	-13.0	-12.8	-12.5	-12.0	2.0	2.3	2.5	2.7	3.2
12H 4H	-13.2	-12.7	-12.7	-12.3	-11.9	1.7	2.2	2.2	2.6	3.0
6H	-13.2	-12.8	-12.7	-12.4	-11.9	1.9	2.3	2.4	2.7	3.1
8H	-13.1	-12.8	-12.7	-12.4	-11.9	1.9	2.2	2.4	2.7	3.2
Variations with the observer position at spacings:										
S = 1.0H	+ 1.9 / - 3.8					+ 3.0 / - 2.1				
1.5H	+ 2.7 / - 3.2					+ 4.7 / - 4.5				
2.0H	+ 2.3 / - 2.3					+ 5.0 / - 5.8				

CIE Pub.117, 150.6 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -6.6)
Area: 0.8 m2

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-19

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:150.648x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-30x40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:30x40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

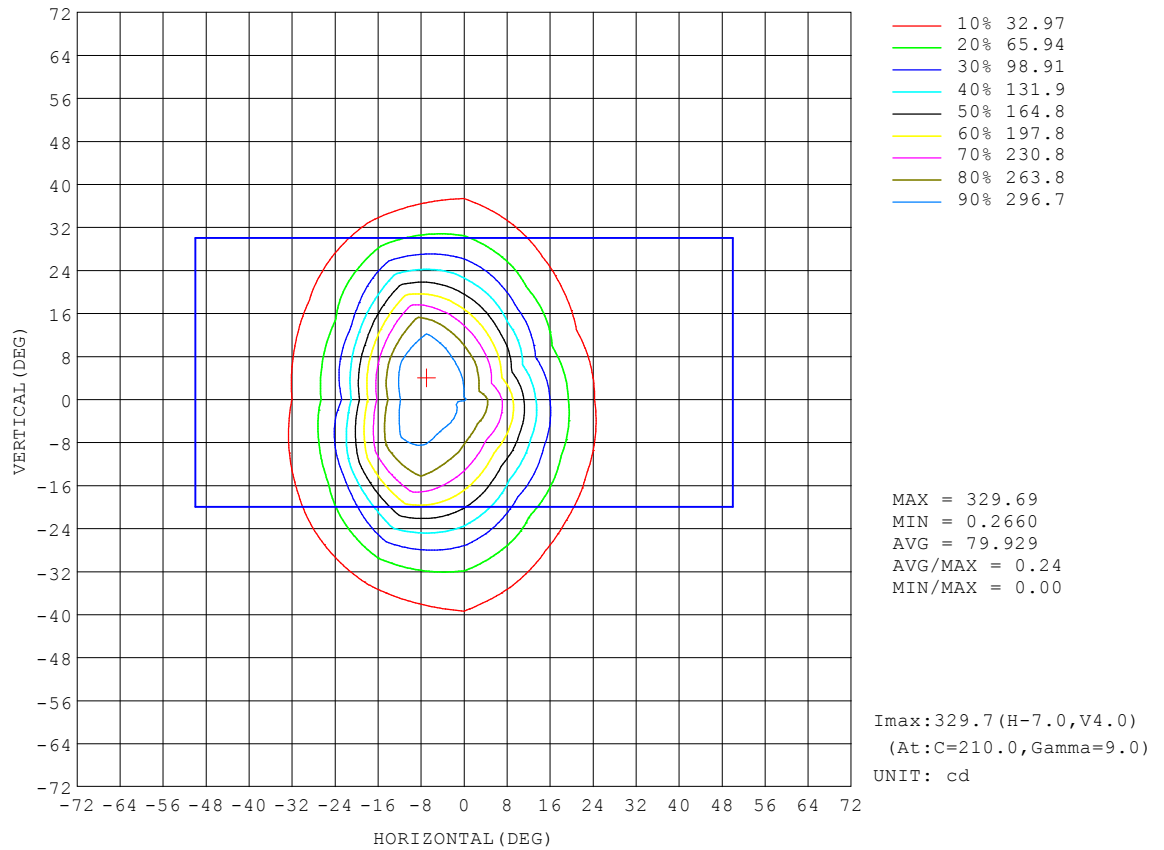
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	87	81	77	87	81	77	86	80	77	73
0.80	94	89	85	94	88	85	93	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	97	104	100	97	102	98	96	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	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:2025-08-19

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:150.648x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-30x40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:30x40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

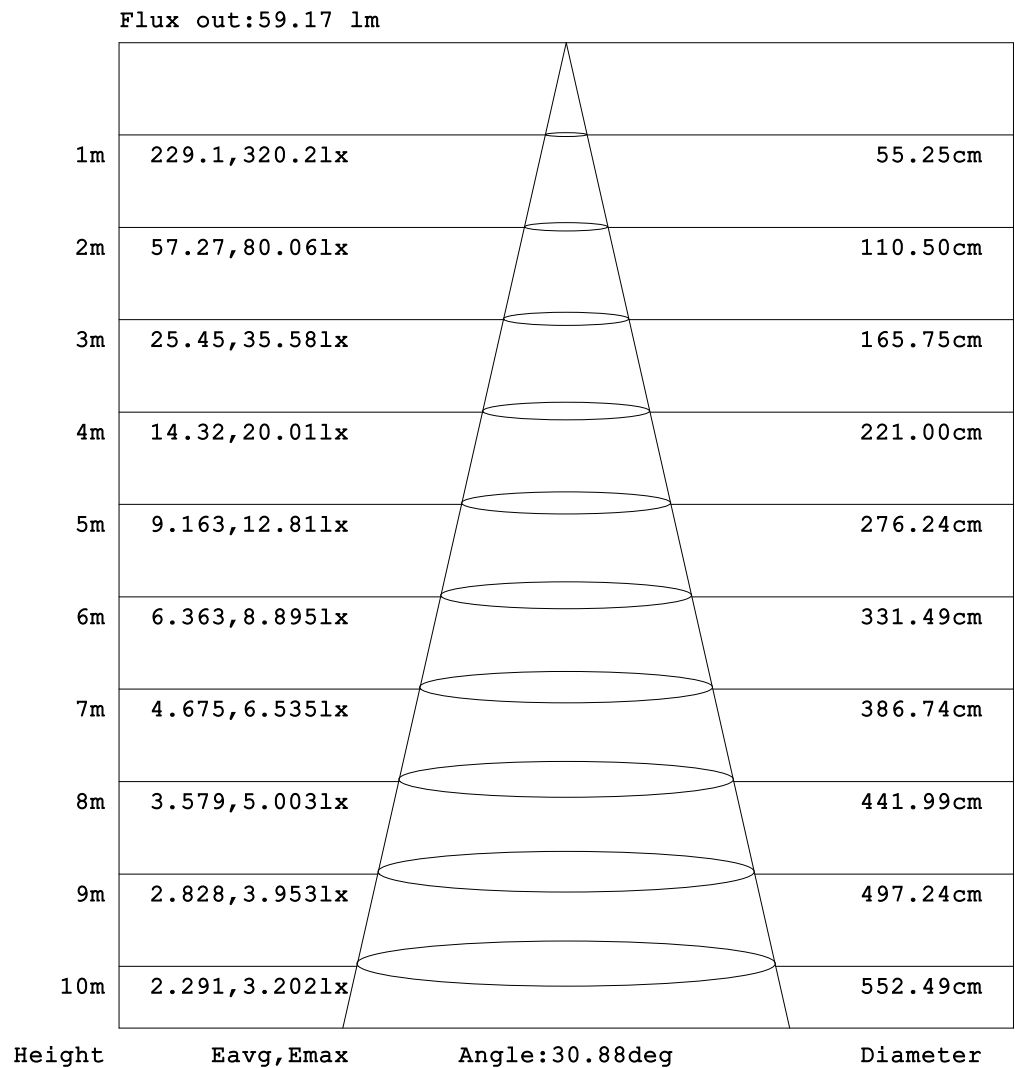


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-19

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:219.99V I:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:150.648x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-30x40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:30x40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



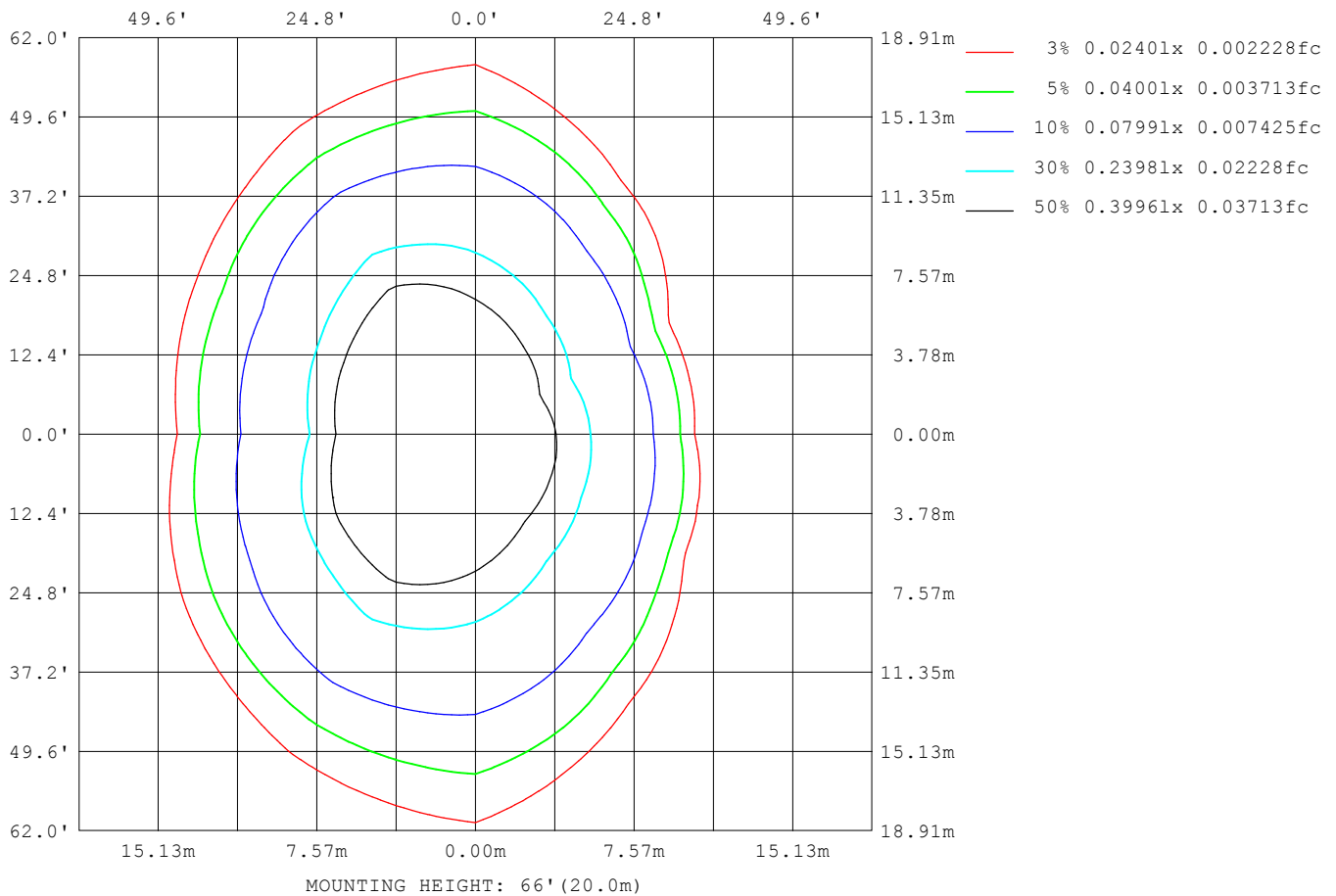
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 30.0DEG
 Test Speed: HIGH
 Temperature:20DEG
 Operators:01
 Test Date:2025-08-19

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:150.648x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-30x40D-REV2	TYPE:RGBW-4000K	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:2025-08-19

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:150.648x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-30x40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:30x40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

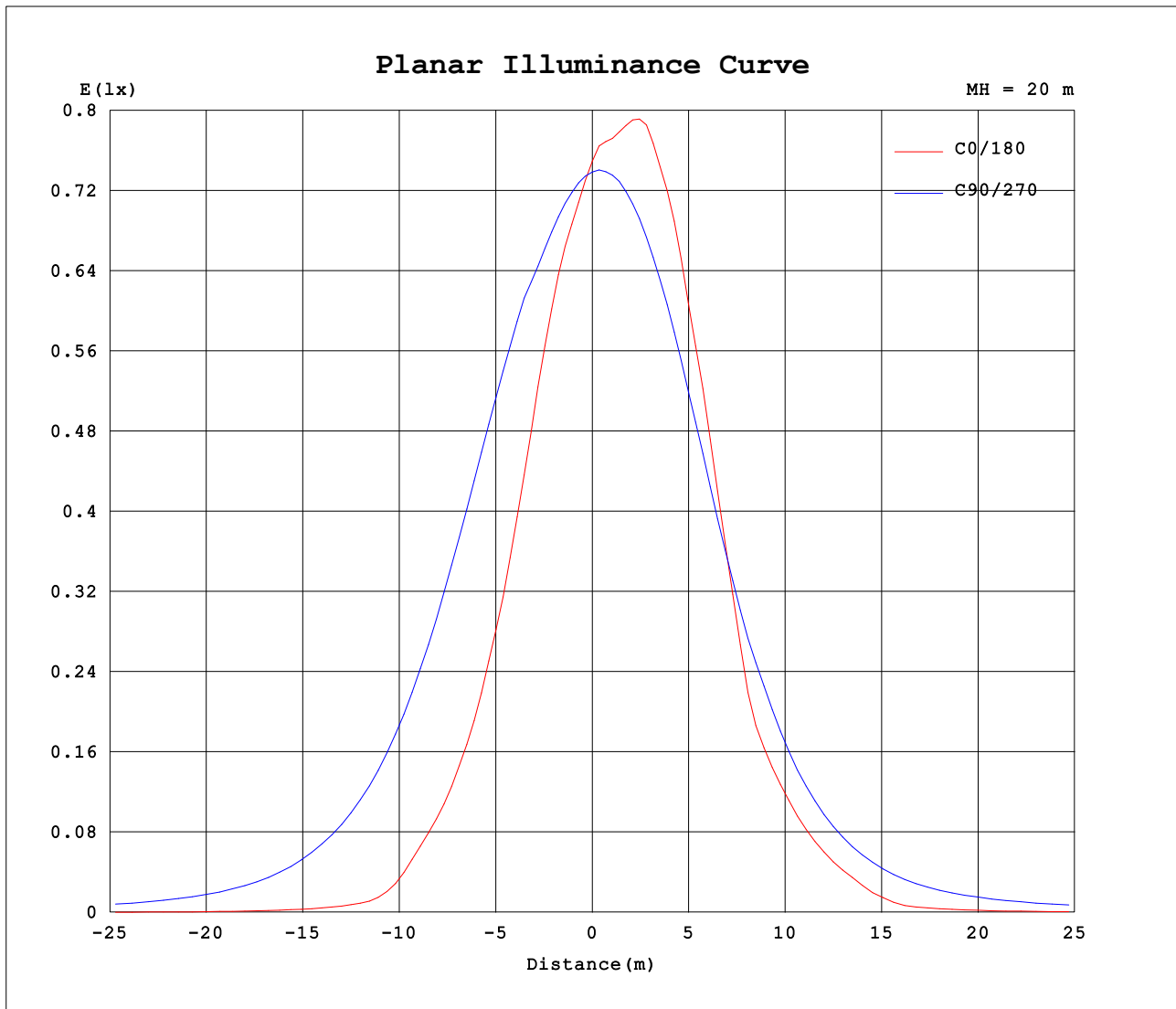
AvgL	cd/m2
L_0~180 (65) av	0
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	17
L_90~270 (75) av	9
L_90~270 (85) av	3
L_45 (65) av	0
L_45 (75) av	0
L_45 (85) av	1

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
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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: 2025-08-19

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:0.0500A P:6.7000W PF:0.9000 Freq:49.99Hz Lamp Flux:150.648x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-30x40D-REV2	TYPE:RGBW-4000K	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	300	302	299	295	291	286	300	302	299	295	291	286						
5	257	261	265	281	297	305	318	320	313	291	265	242						
10	183	196	213	257	289	313	311	326	313	264	215	168						
15	111	123	155	216	273	284	251	276	290	217	149	103						
20	60.6	72.4	104	167	227	215	153	187	231	160	95.8	58.8						
25	28.4	41.2	64.8	118	160	121	77.8	93.4	152	109	58.0	29.3						
30	6.96	14.3	39.2	77.7	98.3	62.3	43.5	52.4	87.9	68.5	33.1	8.42						
35	3.25	4.49	21.7	49.7	51.8	34.9	19.7	27.7	44.0	41.7	16.9	3.29						
40	1.69	2.23	10.2	31.1	26.4	16.1	4.72	10.5	22.1	25.5	7.04	1.70						
45	0.81	1.16	4.35	20.2	14.4	4.12	2.36	2.98	11.7	17.2	2.77	0.91						
50	0.44	0.49	1.71	14.0	7.03	1.99	1.22	1.54	5.72	12.5	1.37	0.42						
55	0.30	0.28	1.03	10.4	2.99	0.97	0.50	0.81	2.57	9.51	0.81	0.28						
60	0.22	0.18	0.63	8.10	1.39	0.45	0.28	0.38	1.23	7.26	0.45	0.20						
65	0.15	0.13	0.37	6.18	0.81	0.25	0.15	0.24	0.67	5.08	0.25	0.16						
70	0.11	0.09	0.25	4.12	0.42	0.15	0.08	0.16	0.30	3.09	0.16	0.11						
75	0.07	0.05	0.18	2.15	0.24	0.09	0.04	0.11	0.16	1.63	0.10	0.07						
80	0.04	0.03	0.15	0.99	0.16	0.05	0.01	0.08	0.09	0.60	0.07	0.07						
85	0.03	0.03	0.11	0.24	0.13	0.03	0.01	0.06	0.06	0.15	0.05	0.05						
90	0.02	0.03	0.09	0.09	0.10	0.03	0.01	0.04	0.05	0.07	0.05	0.03						
95	0.01	0.03	0.07	0.09	0.07	0.03	0.01	0.03	0.05	0.07	0.05	0.03						
100	0.01	0.03	0.07	0.09	0.07	0.03	0.01	0.03	0.05	0.07	0.05	0.03						
105	0.01	0.03	0.07	0.09	0.07	0.03	0.01	0.03	0.05	0.07	0.05	0.03						
110	0.01	0.03	0.07	0.10	0.07	0.03	0.01	0.03	0.06	0.07	0.06	0.03						
115	0.01	0.04	0.07	0.10	0.07	0.03	0.01	0.02	0.06	0.07	0.07	0.03						
120	0.01	0.05	0.07	0.12	0.07	0.04	0.01	0.02	0.07	0.07	0.09	0.03						
125	0.01	0.07	0.08	0.14	0.07	0.04	0.02	0.02	0.09	0.10	0.11	0.03						
130	0.03	0.10	0.13	0.18	0.07	0.05	0.02	0.02	0.09	0.14	0.15	0.04						
135	0.07	0.17	0.20	0.23	0.10	0.07	0.03	0.02	0.12	0.18	0.21	0.10						
140	0.17	0.28	0.30	0.31	0.15	0.11	0.07	0.03	0.18	0.28	0.31	0.20						
145	0.32	0.42	0.41	0.41	0.24	0.17	0.11	0.09	0.25	0.42	0.40	0.34						
150	0.50	0.56	0.52	0.52	0.35	0.27	0.20	0.18	0.35	0.47	0.49	0.49						
155	0.67	0.71	0.61	0.61	0.48	0.40	0.32	0.30	0.46	0.51	0.59	0.61						
160	0.79	0.79	0.70	0.71	0.60	0.54	0.47	0.44	0.57	0.61	0.68	0.70						
165	0.85	0.82	0.75	0.80	0.70	0.68	0.60	0.59	0.69	0.71	0.77	0.75						
170	0.85	0.84	0.81	0.84	0.79	0.80	0.72	0.70	0.79	0.79	0.85	0.80						
175	0.85	0.86	0.85	0.87	0.85	0.87	0.83	0.80	0.87	0.84	0.89	0.86						
180	0.85	0.86	0.87	0.87	0.88	0.89	0.84	0.85	0.87	0.87	0.88	0.88						

C Range: 0 - 360DEG
C Interval: 30.0DEG
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Operators:01
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γ Range: 0 - 180DEG
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