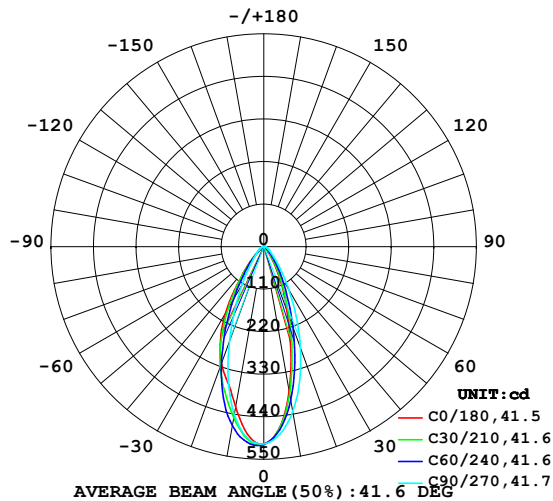


LUMINAIRE PHOTOMETRIC TEST REPORT

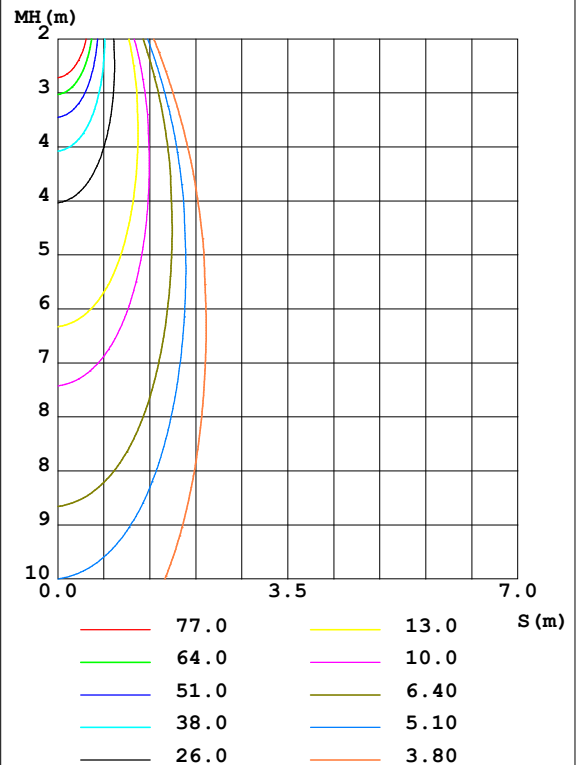
Test:U:220.01V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:307.465x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 46.59 lm/W			
MODEL		I _{max} (cd)	514.2	S/MH(C0/180)	0.76
NOMINAL POWER(W)	22.3	LOR(%)	100.0	S/MH(C90/270)	0.65
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	307.46	η UP,DN(C0-180)	0.4,49.1
NOMINAL FLUX(lm)	307.465	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,50.2
LAMPS INSIDE	1	η up(%)	0.7	CIBSE SHR NOM	0.50
TEST VOLTAGE(V)	220	η down(%)	99.3	CIBSE SHR MAX	0.70

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	379.4	395.0	433.0	446.6	420.5	459.2	440.5	373.6	0- 10	44.08	44.08	14.3,14.3
20	176.2	206.2	276.0	325.1	321.2	325.4	260.2	181.7	10- 20	93.37	137.5	44.7,44.7
30	63.18	83.40	131.6	189.6	197.1	169.8	112.2	67.38	20- 30	86.00	223.5	72.7,72.7
40	15.93	29.01	53.67	74.55	68.86	59.96	42.97	20.72	30- 40	50.20	273.7	89,89
50	3.264	10.02	24.14	20.13	6.411	15.40	22.02	6.583	40- 50	20.64	294.3	95.7,95.7
60	0.6698	2.787	14.15	3.387	0.8435	3.441	13.72	1.975	50- 60	6.837	301.1	97.9,97.9
70	0.3065	0.6879	8.081	0.7227	0.3802	0.7862	6.431	0.4438	60- 70	2.842	304.0	98.9,98.9
80	0.1182	0.2254	2.210	0.2647	0.1704	0.2886	1.581	0.1858	70- 80	1.059	305.0	99.2,99.2
90	0.0263	0.1072	0.1706	0.1029	0.0963	0.1663	0.1968	0.0941	80- 90	0.2652	305.3	99.3,99.3
100	0.0219	0.1006	0.1750	0.0875	0.1094	0.1662	0.1968	0.0940	90-100	0.1268	305.4	99.3,99.3
110	0.0219	0.1094	0.1882	0.0897	0.0919	0.1881	0.2100	0.0964	100-110	0.1253	305.5	99.4,99.4
120	0.0567	0.1509	0.2144	0.0984	0.0919	0.1859	0.2581	0.1816	110-120	0.1379	305.7	99.4,99.4
130	0.2490	0.3040	0.3107	0.1487	0.1138	0.1969	0.3149	0.3214	120-130	0.1711	305.9	99.5,99.5
140	0.5857	0.6014	0.5296	0.3192	0.2321	0.3128	0.4854	0.6121	130-140	0.2595	306.1	99.6,99.6
150	1.001	0.9886	0.8796	0.6474	0.5253	0.6059	0.7916	0.9426	140-150	0.3847	306.5	99.7,99.7
160	1.404	1.343	1.238	1.061	0.9454	0.9930	1.133	1.286	150-160	0.4525	307.0	99.8,99.8
170	1.570	1.522	1.461	1.358	1.273	1.308	1.408	1.546	160-170	0.3696	307.3	100,100
180	1.535	1.538	1.540	1.544	1.505	1.520	1.540	1.559	170-180	0.1413	307.5	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:220.01V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:307.465x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



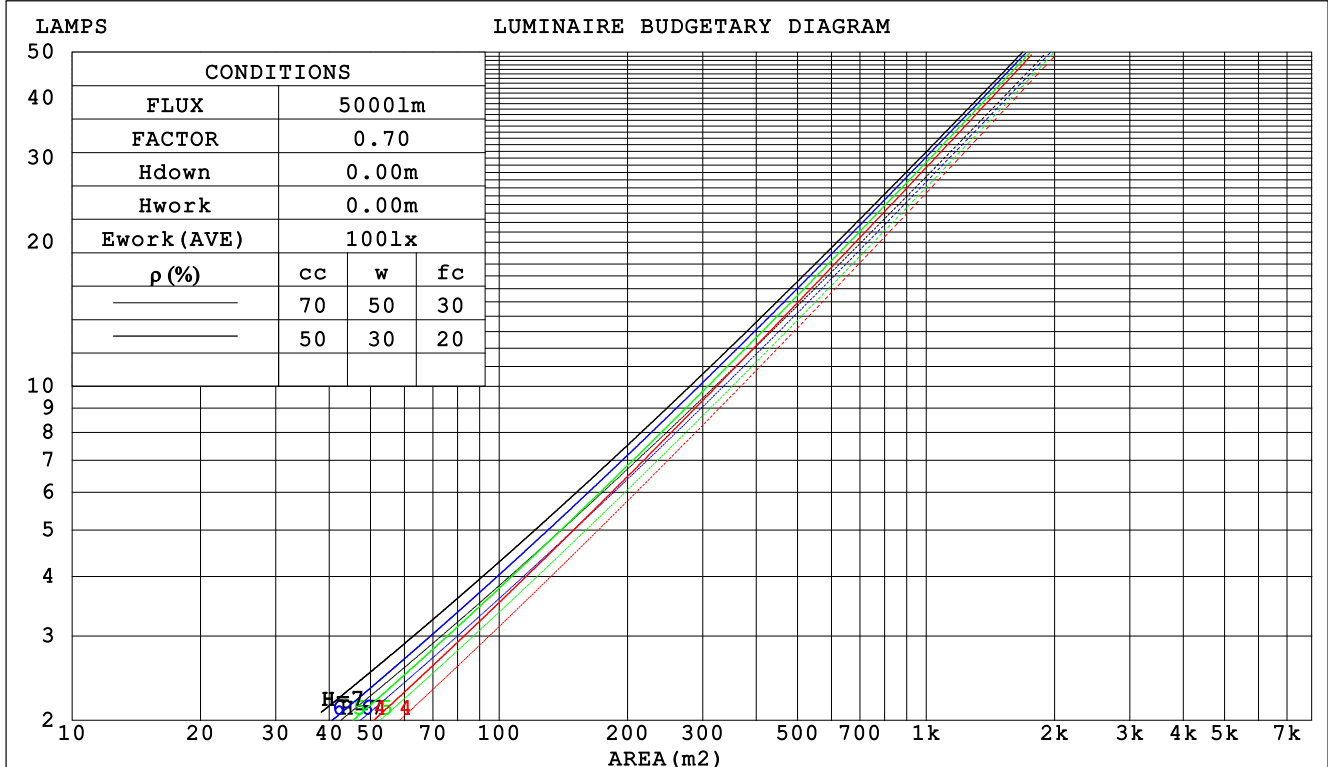
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-19

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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.01V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:307.465x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:40 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	1.08	1.06	1.04	1.04	1.02	1.01	1.00	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.01	.98	.94	.98	.95	.92	.95	.92	.90	.92	.90	.88	.87
3.0	.96	.91	.87	.95	.90	.87	.92	.88	.85	.89	.86	.84	.87	.85	.82	.81
4.0	.90	.85	.80	.89	.84	.80	.87	.82	.79	.85	.81	.78	.83	.80	.77	.75
5.0	.85	.79	.75	.84	.78	.74	.82	.77	.74	.80	.76	.73	.78	.75	.72	.71
6.0	.80	.74	.70	.79	.73	.69	.77	.72	.69	.76	.72	.68	.74	.71	.68	.66
7.0	.75	.69	.65	.75	.69	.65	.73	.68	.65	.72	.68	.64	.71	.67	.64	.63
8.0	.71	.65	.61	.71	.65	.61	.69	.65	.61	.68	.64	.61	.67	.63	.60	.59
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.57	.64	.60	.57	.56
10.0	.64	.59	.55	.64	.58	.55	.63	.58	.55	.62	.58	.54	.61	.57	.54	.53



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:220.01V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:307.465x1 lm					
NAME:Lumino Ground-500mm-RGBW 4000K-40D-REV2			TYPE:RGBW-4000K		WEIGHT:00
SPEC.:40 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	.178	.101	.032	.171	.098	.031	.158	.091	.029	.146	.084	.027	.135	.078	.025		
2.0	.170	.093	.029	.164	.090	.028	.153	.085	.026	.143	.080	.025	.134	.076	.024		
3.0	.161	.086	.026	.156	.084	.025	.147	.080	.024	.138	.076	.023	.130	.072	.022		
4.0	.153	.080	.023	.149	.078	.023	.141	.075	.022	.133	.071	.022	.126	.069	.021		
5.0	.145	.074	.021	.142	.073	.021	.135	.070	.021	.128	.068	.020	.122	.065	.020		
6.0	.138	.069	.020	.135	.068	.020	.129	.066	.019	.123	.064	.019	.118	.062	.018		
7.0	.132	.065	.018	.129	.064	.018	.123	.062	.018	.118	.061	.018	.113	.059	.017		
8.0	.126	.062	.017	.123	.061	.017	.118	.059	.017	.114	.058	.017	.109	.056	.016		
9.0	.120	.058	.016	.118	.058	.016	.114	.056	.016	.109	.055	.016	.106	.054	.015		
10.0	.115	.055	.015	.113	.055	.015	.109	.053	.015	.105	.052	.015	.102	.051	.015		

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	.177	.163	.150	.151	.140	.129	.103	.096	.089	.059	.056	.052	.019	.018	.017	
2.0	.161	.138	.118	.138	.119	.102	.095	.082	.071	.055	.048	.042	.018	.015	.014	
3.0	.149	.119	.095	.128	.103	.082	.088	.071	.058	.051	.042	.034	.016	.014	.011	
4.0	.139	.104	.078	.119	.090	.068	.082	.063	.048	.047	.037	.028	.015	.012	.009	
5.0	.130	.093	.065	.112	.080	.057	.077	.056	.040	.045	.033	.024	.014	.011	.008	
6.0	.122	.083	.056	.105	.072	.048	.073	.051	.034	.042	.030	.020	.014	.010	.007	
7.0	.116	.076	.048	.100	.066	.042	.069	.046	.030	.040	.027	.018	.013	.009	.006	
8.0	.110	.070	.042	.095	.060	.037	.065	.042	.026	.038	.025	.015	.012	.008	.005	
9.0	.105	.064	.037	.090	.056	.032	.062	.039	.023	.036	.023	.014	.012	.008	.005	
10.0	.100	.060	.033	.086	.052	.029	.060	.037	.021	.035	.022	.012	.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:220.01V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:307.465x1 lm										
NAME:Lumino Ground-500mm-RGBW 4000K-40D-REV2					TYPE:RGBW-4000K			WEIGHT:00		
SPEC.:40 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	-4.6	-3.7	-4.4	-3.5	-3.3	1.4	2.3	1.6	2.5	2.7
3H	-4.8	-3.9	-4.5	-3.7	-3.5	2.1	3.0	2.4	3.2	3.4
4H	-4.8	-4.0	-4.5	-3.8	-3.6	2.3	3.2	2.6	3.4	3.6
6H	-4.9	-4.2	-4.6	-3.9	-3.6	2.5	3.2	2.8	3.5	3.8
8H	-5.0	-4.2	-4.6	-4.0	-3.7	2.5	3.2	2.8	3.5	3.8
12H	-5.0	-4.3	-4.7	-4.0	-3.7	2.5	3.2	2.8	3.5	3.8
4H 2H	-4.6	-3.8	-4.3	-3.5	-3.3	1.2	2.0	1.4	2.2	2.4
3H	-4.7	-4.0	-4.4	-3.8	-3.5	1.9	2.6	2.2	2.9	3.2
4H	-4.8	-4.2	-4.5	-3.9	-3.6	2.1	2.8	2.5	3.1	3.4
6H	-4.9	-4.3	-4.5	-4.0	-3.6	2.3	2.9	2.7	3.2	3.6
8H	-5.0	-4.4	-4.5	-4.1	-3.7	2.4	2.9	2.8	3.3	3.6
12H	-5.0	-4.5	-4.6	-4.1	-3.7	2.4	2.8	2.8	3.2	3.6
8H 4H	-4.9	-4.4	-4.5	-4.0	-3.6	2.0	2.5	2.4	2.9	3.3
6H	-5.0	-4.6	-4.5	-4.2	-3.7	2.2	2.6	2.6	3.0	3.4
8H	-5.0	-4.7	-4.6	-4.2	-3.8	2.2	2.6	2.7	3.0	3.5
12H	-5.1	-4.8	-4.6	-4.3	-3.8	2.3	2.6	2.7	3.0	3.5
12H 4H	-4.9	-4.5	-4.5	-4.1	-3.7	2.0	2.4	2.4	2.8	3.2
6H	-5.0	-4.6	-4.6	-4.2	-3.8	2.1	2.5	2.6	2.9	3.4
8H	-5.1	-4.8	-4.6	-4.3	-3.8	2.2	2.5	2.7	3.0	3.4
Variations with the observer position at spacings:										
S = 1.0H	+ 2.5 / - 8.5					+ 2.0 / - 1.6				
1.5H	+ 3.3 / - 5.9					+ 3.4 / - 2.9				
2.0H	+ 4.4 / - 6.6					+ 3.7 / - 4.3				

CIE Pub.117, 307.5 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -4.1)
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:220.01V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:307.465x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

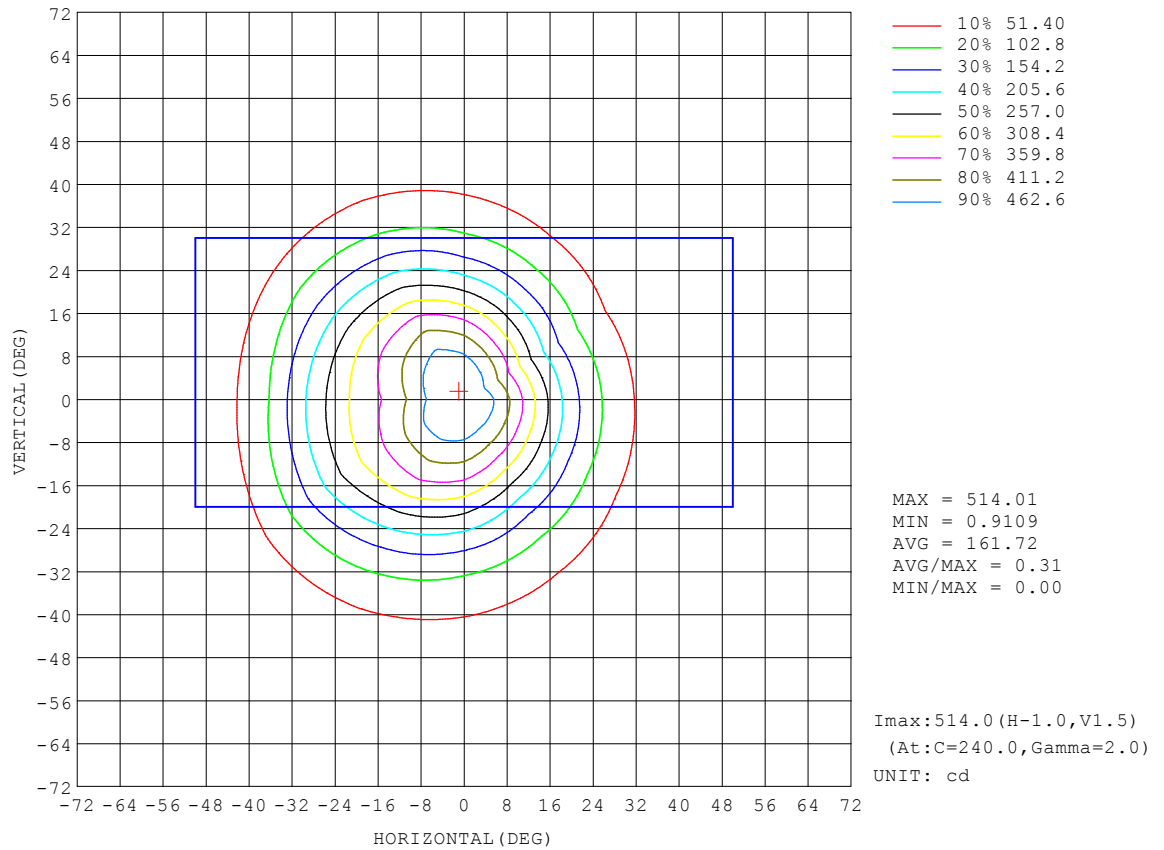
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	85	78	74	84	78	74	83	77	74	70
0.80	92	86	82	92	86	82	90	85	82	78
1.00	97	91	87	96	91	87	95	91	87	82
1.25	102	96	92	101	95	92	98	94	91	87
1.50	105	99	96	103	99	95	101	97	94	89
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	108	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: 2025-08-19

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:220.01V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:307.465x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

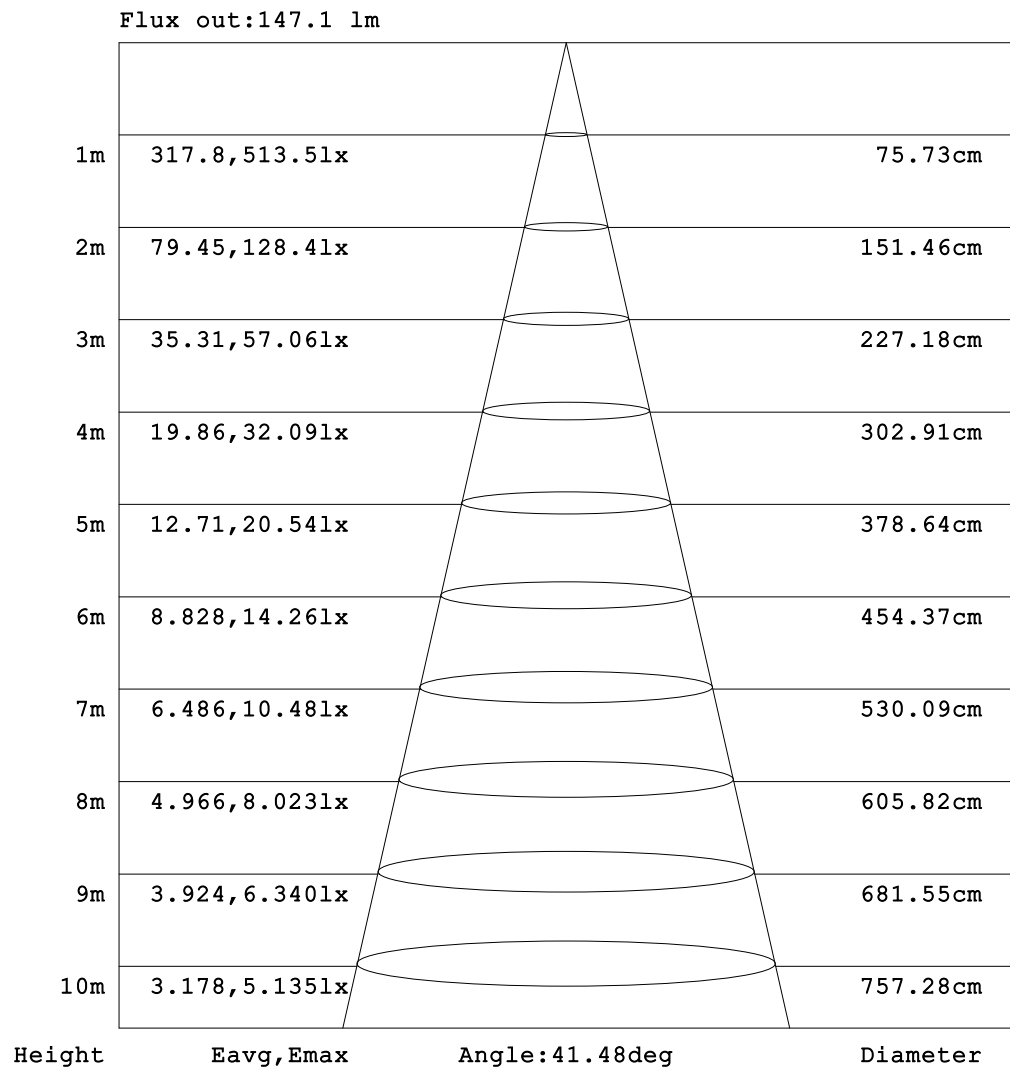


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-19

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:

AAI Figure

Test:U:220.01V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:307.465x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



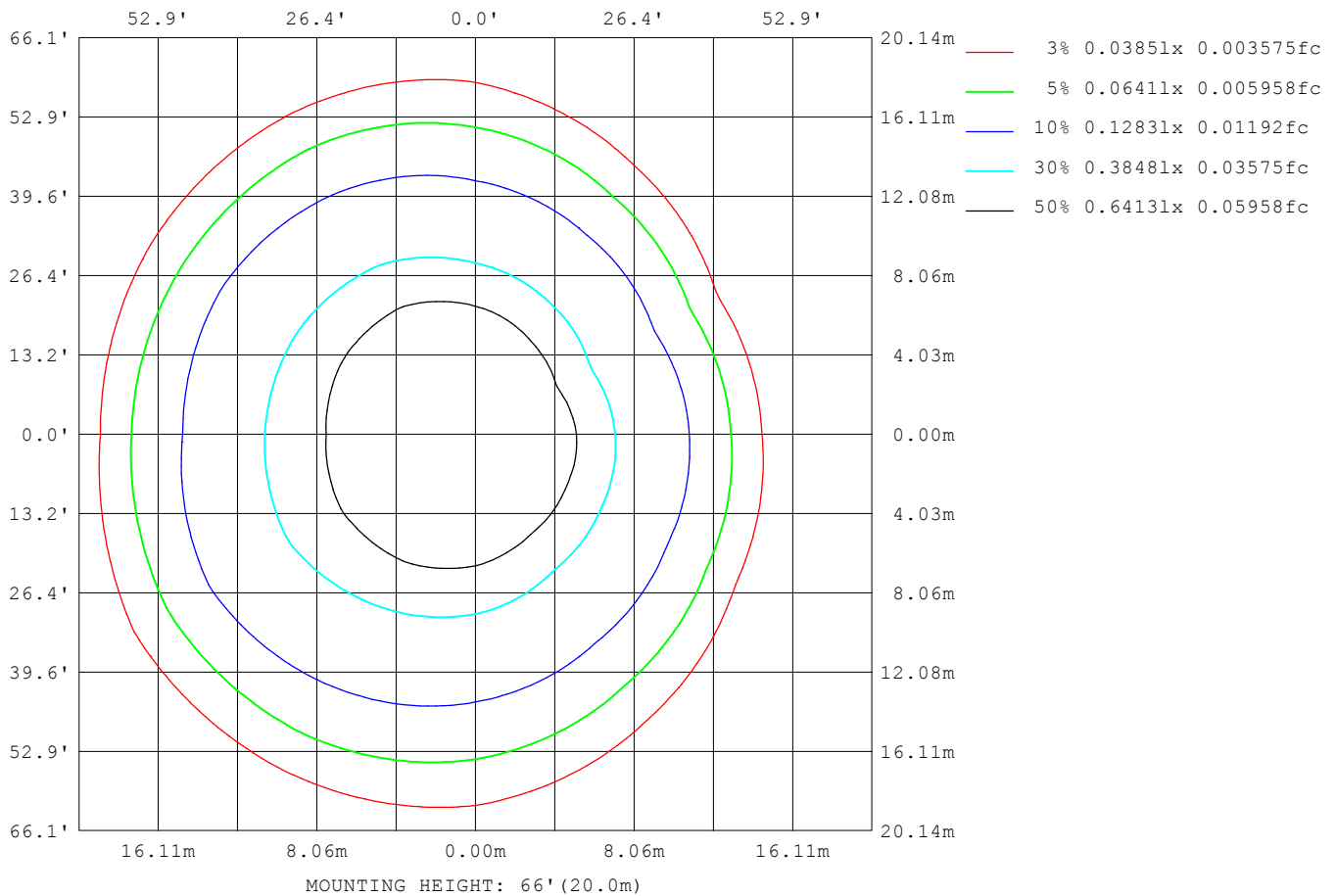
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:220.01V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:307.465x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:40 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:220.01V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:307.465x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:40 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

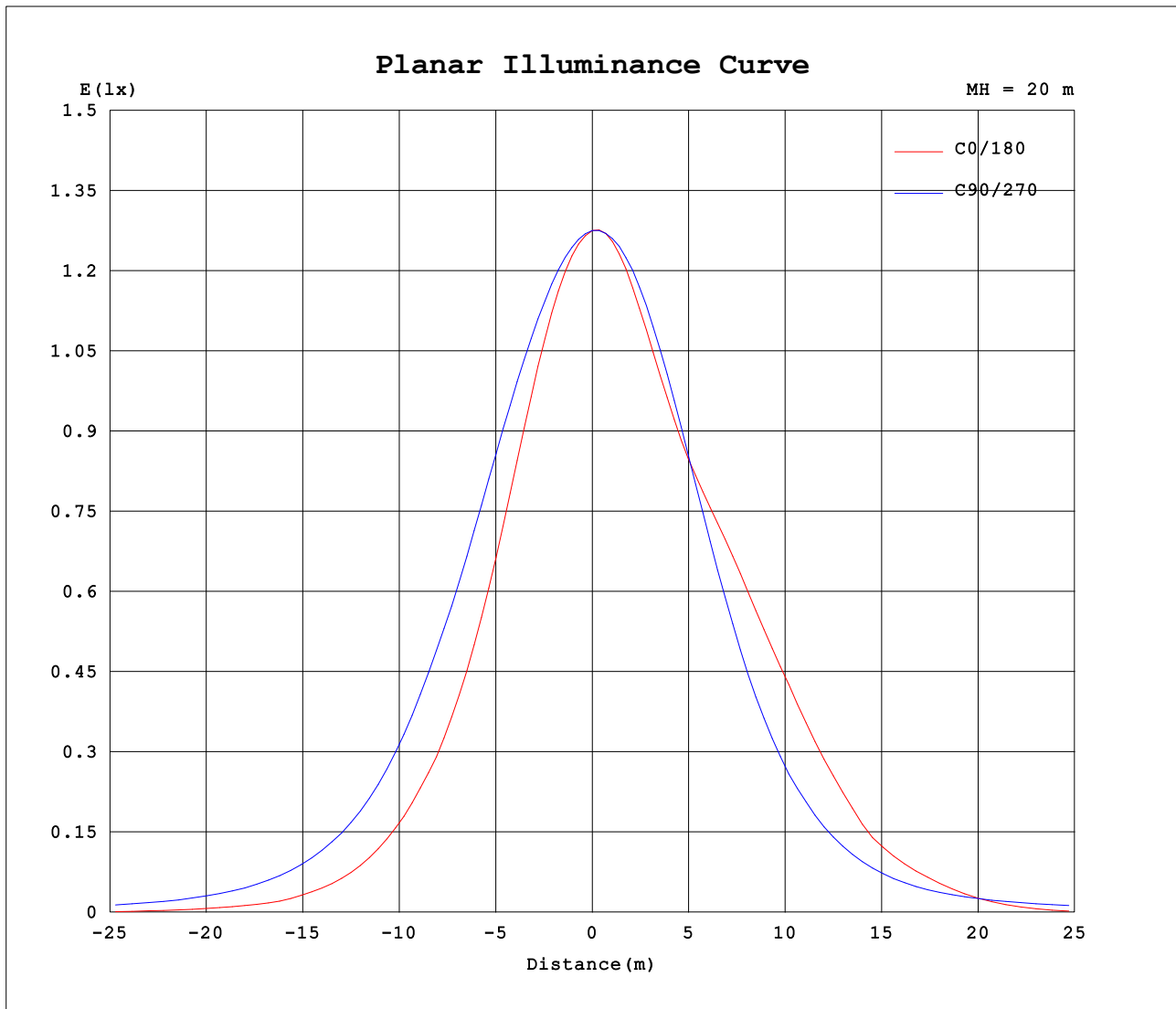
AvgL	cd/m2
L_0~180 (65) av	2
L_0~180 (75) av	1
L_0~180 (85) av	1
L_90~270 (65) av	31
L_90~270 (75) av	20
L_90~270 (85) av	7
L_45 (65) av	3
L_45 (75) av	1
L_45 (85) av	2

Standard: GB/T 29293-2012

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

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:

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:220.01V I:0.0500A P:6.6000W PF:0.9000 Freq:49.99Hz Lamp Flux:307.465x1 lm		
NAME:Lumino Ground-500mm-RGBW 4000K-40D-REV2	TYPE:RGBW-4000K	WEIGHT:00
SPEC.:40 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	510	512	511	510	507	504	510	512	511	510	507	504						
5	470	472	475	486	493	499	487	499	507	495	474	451						
10	379	387	403	433	447	446	421	449	470	441	395	353						
15	269	282	311	360	388	384	363	390	405	356	294	246						
20	176	192	221	276	318	332	321	331	320	260	204	159						
25	110	121	146	198	242	275	265	259	235	175	131	98.5						
30	63.2	72.2	94.6	132	169	210	197	183	156	112	78.9	55.8						
35	33.4	41.0	58.3	84.6	112	141	120	118	96.2	69.2	45.8	29.3						
40	15.9	22.0	36.0	53.7	68.9	80.2	68.9	63.2	56.7	43.0	27.2	14.2						
45	8.33	11.5	22.6	34.8	40.2	44.0	30.1	34.0	32.2	29.2	16.2	7.69						
50	3.26	5.95	14.1	24.1	22.2	18.0	6.41	12.2	18.6	22.0	9.67	3.50						
55	1.02	2.42	8.38	17.9	11.5	4.39	1.69	2.93	10.6	17.5	5.75	1.18						
60	0.67	0.77	4.80	14.2	5.41	1.37	0.84	1.04	5.84	13.7	3.28	0.67						
65	0.45	0.54	2.58	11.3	2.36	0.68	0.58	0.67	2.77	9.84	1.40	0.47						
70	0.31	0.35	1.03	8.08	0.97	0.48	0.38	0.49	1.08	6.43	0.57	0.32						
75	0.20	0.23	0.52	4.49	0.51	0.30	0.25	0.35	0.48	3.69	0.35	0.22						
80	0.12	0.12	0.33	2.21	0.35	0.18	0.17	0.26	0.31	1.58	0.23	0.14						
85	0.06	0.07	0.21	0.64	0.23	0.10	0.11	0.20	0.22	0.40	0.15	0.11						
90	0.03	0.07	0.14	0.17	0.15	0.05	0.10	0.15	0.18	0.20	0.13	0.06						
95	0.02	0.07	0.13	0.17	0.12	0.05	0.11	0.14	0.18	0.20	0.13	0.06						
100	0.02	0.07	0.13	0.17	0.12	0.06	0.11	0.14	0.19	0.20	0.13	0.06						
105	0.02	0.07	0.13	0.18	0.12	0.06	0.09	0.14	0.21	0.20	0.11	0.06						
110	0.02	0.09	0.13	0.19	0.12	0.06	0.09	0.14	0.24	0.21	0.12	0.07						
115	0.02	0.11	0.13	0.20	0.12	0.07	0.09	0.14	0.24	0.24	0.24	0.08						
120	0.06	0.14	0.16	0.21	0.12	0.08	0.09	0.13	0.24	0.26	0.28	0.08						
125	0.13	0.21	0.21	0.25	0.14	0.10	0.10	0.13	0.24	0.28	0.32	0.14						
130	0.25	0.32	0.29	0.31	0.17	0.13	0.11	0.13	0.26	0.31	0.39	0.25						
135	0.40	0.46	0.41	0.40	0.24	0.19	0.16	0.15	0.31	0.38	0.48	0.38						
140	0.59	0.63	0.57	0.53	0.35	0.28	0.23	0.22	0.40	0.49	0.61	0.62						
145	0.78	0.82	0.76	0.70	0.50	0.42	0.35	0.35	0.53	0.63	0.73	0.79						
150	1.00	1.03	0.94	0.88	0.69	0.60	0.53	0.52	0.70	0.79	0.91	0.97						
155	1.22	1.23	1.13	1.07	0.90	0.82	0.73	0.73	0.87	0.96	1.09	1.15						
160	1.40	1.39	1.29	1.24	1.09	1.03	0.95	0.94	1.05	1.13	1.27	1.30						
165	1.53	1.52	1.41	1.37	1.24	1.23	1.12	1.11	1.22	1.29	1.42	1.45						
170	1.57	1.54	1.50	1.46	1.35	1.36	1.27	1.27	1.35	1.41	1.55	1.54						
175	1.57	1.54	1.54	1.54	1.45	1.48	1.42	1.41	1.48	1.51	1.56	1.58						
180	1.54	1.54	1.54	1.54	1.54	1.55	1.50	1.51	1.53	1.54	1.54	1.58						

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C Interval: 30.0DEG
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