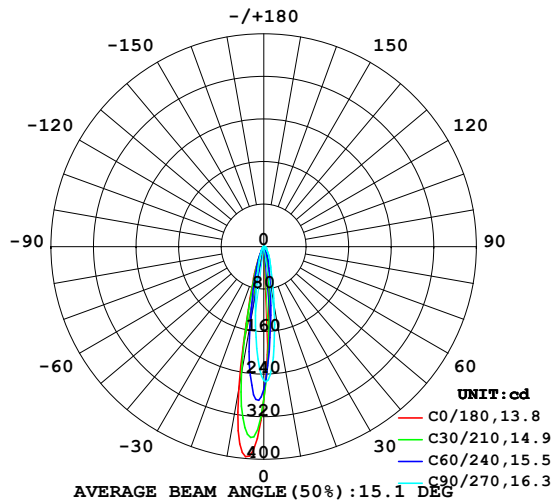


LUMINAIRE PHOTOMETRIC TEST REPORT

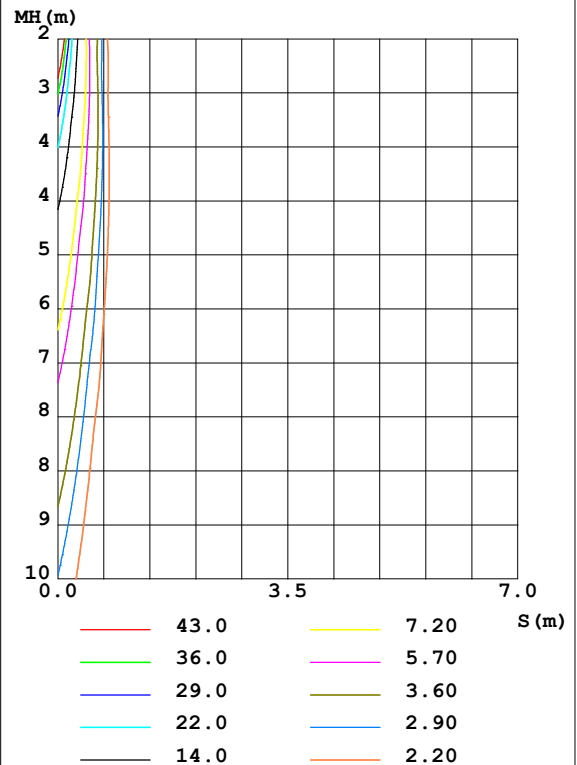
Test:U:220.00V I:0.0490A P:6.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:49.2815x1 lm		
NAME:Lumino Ground-500mm-RGBW BLUE-15D-REV2	TYPE:RGBW-BLUE	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 7.70 lm/W
MODEL		I _{max} (cd)	396.6	S/MH(C0/180)	0.41	
NOMINAL POWER(W)		LOR(%)	100.0	S/MH(C90/270)	0.25	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	49.282	η UP,DN(C0-180)	0.5,50.7	
NOMINAL FLUX(lm)	49.2815	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,48.4	
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:2025-08-20

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	45.00	61.39	113.3	230.6	271.9	198.9	84.82	45.94	0- 10	18.08	18.08	36.7,36.7
20	11.56	16.52	37.64	51.37	46.49	38.13	23.68	10.79	10- 20	17.19	35.28	71.6,71.6
30	1.771	5.000	19.43	16.83	8.369	9.156	9.451	2.541	20- 30	7.607	42.88	87,87
40	0.6437	1.404	9.420	5.628	1.980	2.675	4.627	0.6990	30- 40	3.399	46.28	93.9,93.9
50	0.2408	0.3086	4.634	1.051	0.4324	0.5705	2.635	0.1858	40- 50	1.399	47.68	96.8,96.8
60	0.1226	0.1291	2.501	0.3457	0.0655	0.1858	1.641	0.0787	50- 60	0.6285	48.31	98,98
70	0.0613	0.0634	1.101	0.1160	0.0044	0.0612	0.8143	0.0416	60- 70	0.3355	48.65	98.7,98.7
80	0.0175	0.0481	0.2882	0.0722	0.0044	0.0328	0.2103	0.0328	70- 80	0.1416	48.79	99,99
90	0.0131	0.0416	0.0744	0.0613	0.0044	0.0262	0.0612	0.0241	80- 90	0.0530	48.84	99.1,99.1
100	0.0087	0.0394	0.0744	0.0612	0.0044	0.0219	0.0525	0.0241	90-100	0.0401	48.88	99.2,99.2
110	0.0087	0.0394	0.0787	0.0503	0.0044	0.0219	0.0525	0.0241	100-110	0.0370	48.92	99.3,99.3
120	0.0087	0.0481	0.0787	0.0503	0.0045	0.0241	0.0525	0.0263	110-120	0.0359	48.95	99.3,99.3
130	0.0436	0.0416	0.0744	0.0480	0.0131	0.0284	0.0525	0.0350	120-130	0.0341	48.99	99.4,99.4
140	0.0394	0.0613	0.0875	0.0612	0.0262	0.0372	0.0525	0.0591	130-140	0.0358	49.02	99.5,99.5
150	0.1878	0.1859	0.1838	0.0788	0.0612	0.0678	0.1050	0.1772	140-150	0.0506	49.08	99.6,99.6
160	0.3499	0.3302	0.3150	0.2187	0.1883	0.2056	0.2492	0.3106	150-160	0.0902	49.17	99.8,99.8
170	0.3108	0.3476	0.3018	0.3259	0.3236	0.3259	0.3106	0.2931	160-170	0.0869	49.25	99.9,99.9
180	0.2975	0.2975	0.3062	0.2996	0.3018	0.2931	0.2931	0.2800	170-180	0.0295	49.28	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:220.00V I:0.0490A P:6.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:49.2815x1 lm		
NAME:Lumino Ground-500mm-RGBW BLUE-15D-REV2	TYPE:RGBW-BLUE	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	1
80	0	2
75	0	3
70	0	4
65	0	5
60	0	6
55	0	7
50	0	9
45	1	12

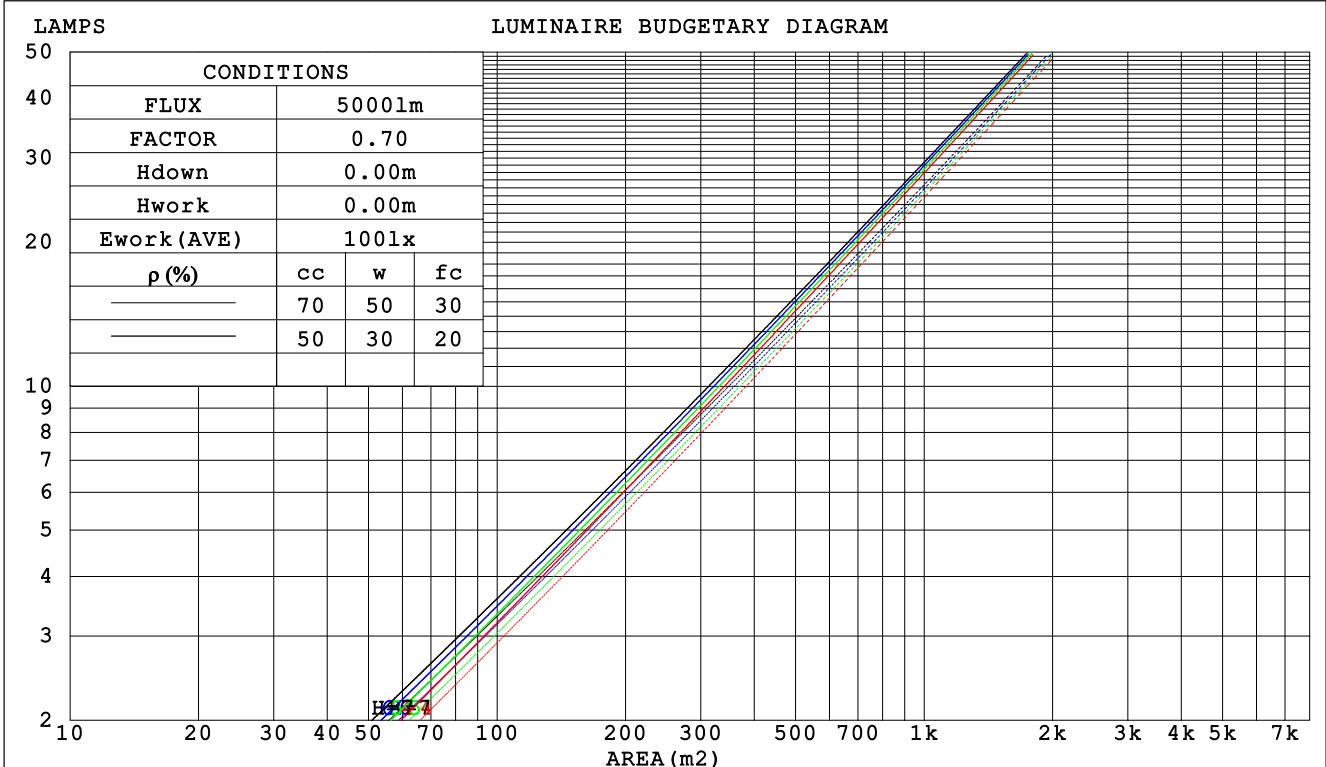
C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

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:220.00V I:0.0490A P:6.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:49.2815x1 lm		
NAME:Lumino Ground-500mm-RGBW BLUE-15D-REV2	TYPE:RGBW-BLUE	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	.95	.94	.93	.91
3.0	1.01	.97	.94	.00	.96	.93	.97	.94	.92	.95	.92	.90	.93	.91	.89	.87
4.0	.97	.93	.89	.96	.92	.89	.94	.90	.88	.92	.89	.87	.90	.87	.85	.84
5.0	.93	.88	.85	.92	.88	.85	.90	.87	.84	.89	.86	.83	.87	.84	.82	.81
6.0	.89	.85	.82	.89	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.78
7.0	.86	.82	.79	.86	.81	.78	.84	.81	.78	.83	.80	.77	.82	.79	.77	.76
8.0	.83	.79	.76	.83	.79	.76	.82	.78	.75	.81	.77	.75	.80	.77	.75	.74
9.0	.81	.76	.73	.80	.76	.73	.79	.76	.73	.79	.75	.73	.78	.75	.73	.72
10.0	.78	.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
 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:220.00V I:0.0490A P:6.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:49.2815x1 lm					
NAME:Lumino Ground-500mm-RGBW BLUE-15D-REV2			TYPE:RGBW-BLUE		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	.148	.084	.027	.141	.080	.026	.128	.073	.023	.116	.067	.021	.105	.061	.020		
2.0	.138	.075	.023	.132	.073	.022	.121	.067	.021	.111	.062	.020	.102	.058	.018		
3.0	.129	.068	.020	.124	.066	.020	.115	.062	.019	.106	.058	.018	.098	.055	.017		
4.0	.120	.063	.018	.116	.061	.018	.109	.058	.017	.101	.054	.016	.095	.051	.016		
5.0	.113	.058	.017	.110	.056	.016	.103	.054	.016	.097	.051	.015	.091	.049	.015		
6.0	.107	.054	.015	.104	.053	.015	.098	.050	.015	.093	.048	.014	.088	.046	.014		
7.0	.101	.050	.014	.099	.049	.014	.094	.047	.014	.089	.046	.013	.084	.044	.013		
8.0	.096	.047	.013	.094	.046	.013	.090	.045	.013	.085	.043	.012	.081	.042	.012		
9.0	.092	.044	.012	.090	.044	.012	.086	.042	.012	.082	.041	.012	.079	.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	.169	.169	.169	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.176	.164	.154	.151	.141	.133	.103	.097	.092	.059	.056	.053	.019	.018	.017	
2.0	.159	.140	.124	.136	.120	.107	.093	.083	.075	.054	.048	.044	.017	.016	.014	
3.0	.144	.120	.101	.124	.104	.088	.085	.072	.062	.049	.042	.036	.016	.014	.012	
4.0	.132	.105	.084	.113	.091	.073	.078	.063	.052	.045	.037	.031	.015	.012	.010	
5.0	.122	.093	.072	.105	.080	.062	.072	.056	.044	.042	.033	.026	.013	.011	.009	
6.0	.113	.083	.062	.097	.072	.054	.067	.050	.038	.039	.030	.023	.013	.010	.007	
7.0	.106	.075	.054	.091	.065	.047	.063	.046	.033	.036	.027	.020	.012	.009	.007	
8.0	.099	.068	.047	.085	.059	.041	.059	.042	.029	.034	.025	.017	.011	.008	.006	
9.0	.093	.063	.042	.081	.054	.037	.056	.038	.026	.033	.023	.015	.011	.007	.005	
10.0	.089	.058	.038	.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:220.00V I:0.0490A P:6.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:49.2815x1 lm										
NAME:Lumino Ground-500mm-RGBW BLUE-15D-REV2					TYPE:RGBW-BLUE			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	-15.5	-14.8	-15.3	-14.7	-14.5	0.3	1.0	0.5	1.1	1.3
3H	-15.3	-14.7	-15.1	-14.5	-14.3	1.0	1.7	1.3	1.9	2.1
4H	-15.3	-14.6	-15.0	-14.4	-14.2	1.3	1.9	1.6	2.1	2.4
6H	-15.3	-14.7	-15.0	-14.4	-14.2	1.4	2.0	1.7	2.3	2.5
8H	-15.2	-14.7	-14.9	-14.4	-14.1	1.5	2.0	1.8	2.3	2.6
12H	-15.2	-14.6	-14.8	-14.3	-14.0	1.4	2.0	1.8	2.3	2.5
4H 2H	-14.7	-14.1	-14.5	-13.9	-13.7	0.0	0.6	0.3	0.9	1.1
3H	-14.6	-14.1	-14.3	-13.8	-13.5	0.8	1.3	1.1	1.6	1.9
4H	-14.5	-14.0	-14.2	-13.7	-13.4	1.1	1.6	1.4	1.9	2.2
6H	-14.5	-14.1	-14.1	-13.7	-13.4	1.3	1.7	1.7	2.1	2.4
8H	-14.5	-14.0	-14.1	-13.7	-13.3	1.3	1.7	1.7	2.1	2.5
12H	-14.3	-14.0	-13.9	-13.6	-13.2	1.3	1.7	1.7	2.1	2.5
8H 4H	-14.0	-13.6	-13.6	-13.2	-12.8	0.9	1.3	1.3	1.7	2.1
6H	-13.9	-13.5	-13.4	-13.1	-12.7	1.1	1.5	1.6	1.9	2.3
8H	-13.8	-13.5	-13.3	-13.0	-12.6	1.2	1.5	1.6	1.9	2.4
12H	-13.6	-13.3	-13.1	-12.8	-12.4	1.2	1.5	1.7	1.9	2.4
12H 4H	-13.8	-13.4	-13.3	-13.0	-12.6	0.9	1.3	1.3	1.6	2.0
6H	-13.6	-13.3	-13.1	-12.8	-12.4	1.1	1.4	1.5	1.8	2.3
8H	-13.4	-13.1	-12.9	-12.7	-12.2	1.1	1.4	1.6	1.8	2.3
Variations with the observer position at spacings:										
S = 1.0H	+ 1.6 / - 1.9					+ 2.9 / - 2.0				
1.5H	+ 2.3 / - 2.0					+ 4.4 / - 4.5				
2.0H	+ 2.1 / - 1.8					+ 5.2 / - 5.6				

CIE Pub.117, 49.28 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -10.5)
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:220.00V I:0.0490A P:6.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:49.2815x1 lm		
NAME:Lumino Ground-500mm-RGBW BLUE-15D-REV2	TYPE:RGBW-BLUE	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

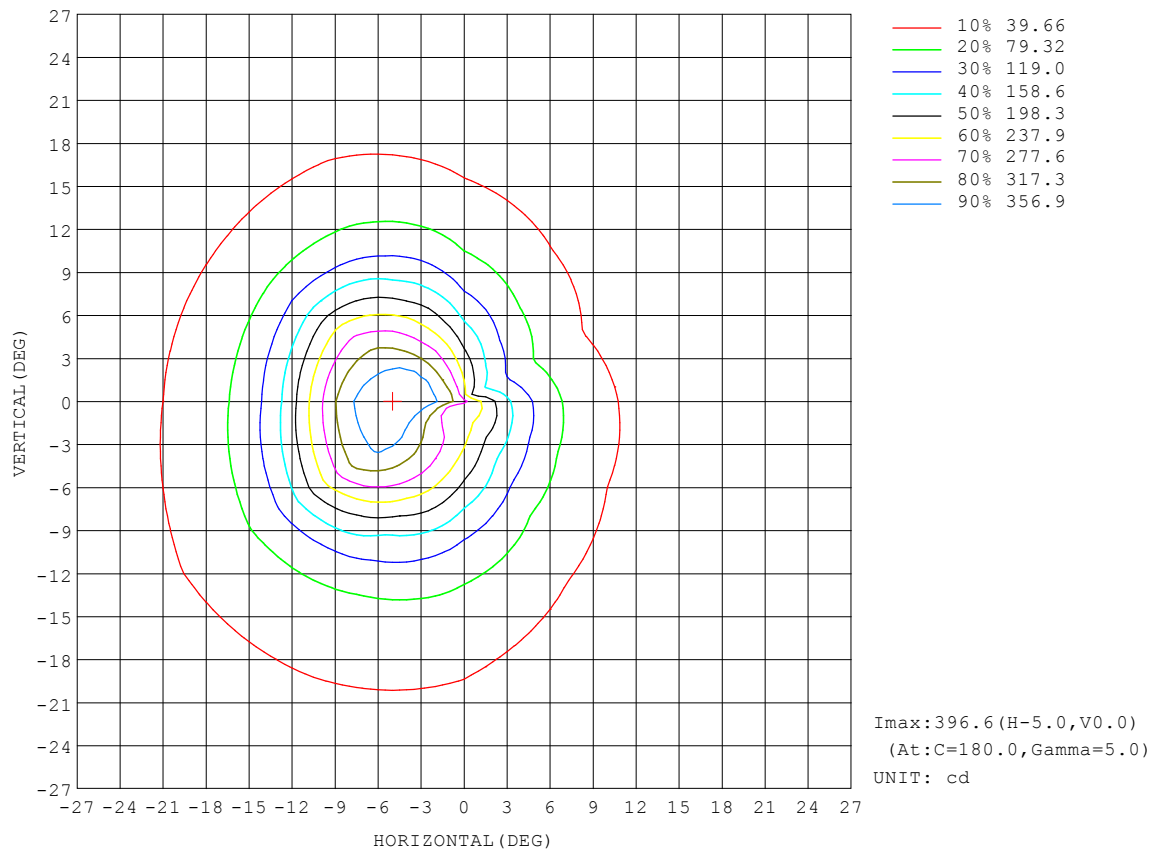
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	88	82	78	87	81	78	86	81	78	74
0.80	95	89	86	94	89	86	93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

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:220.00V I:0.0490A P:6.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:49.2815x1 lm		
NAME:Lumino Ground-500mm-RGBW BLUE-15D-REV2	TYPE:RGBW-BLUE	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

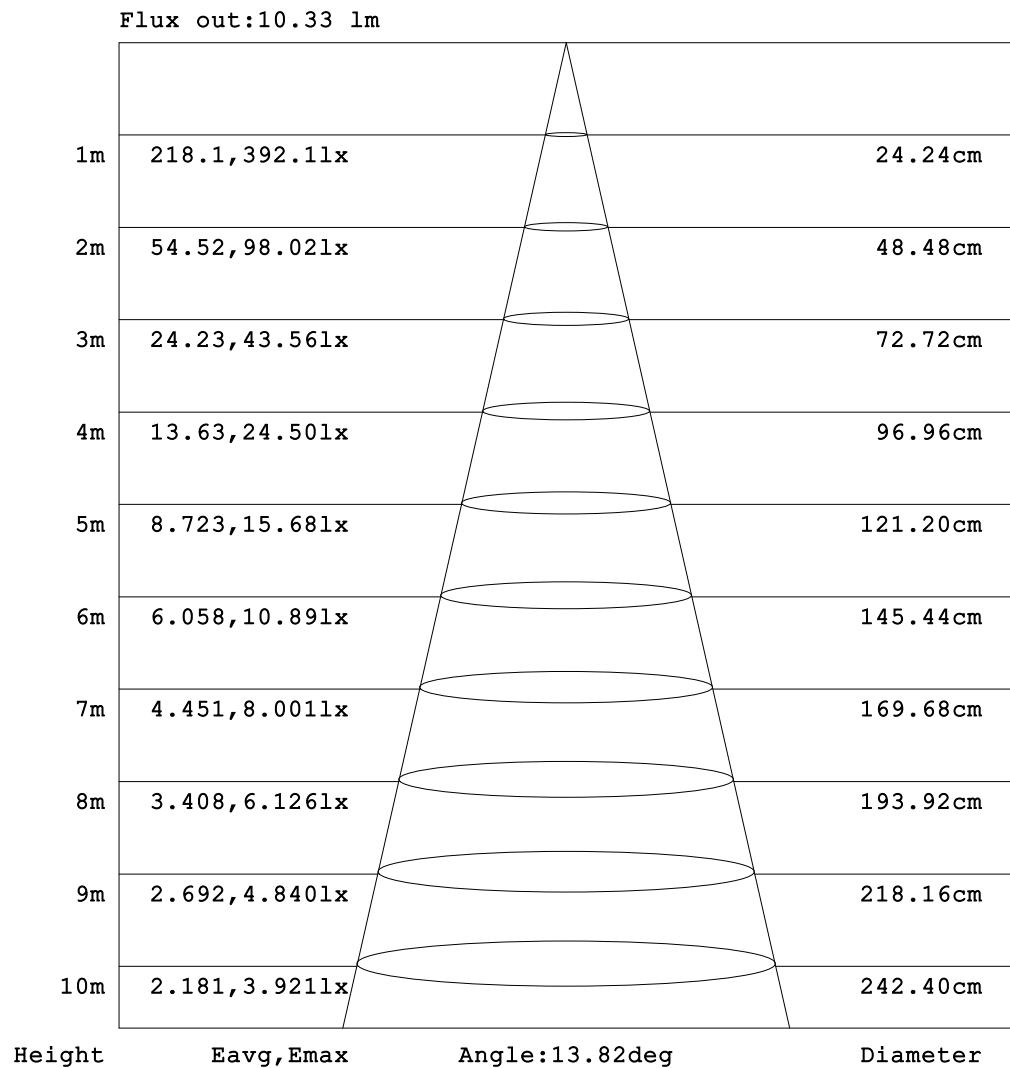


C Range: 0 - 360DEG
C Interval: 30.0DEG
Test Speed: HIGH
Temperature:20DEG
Operators:01
Test Date:2025-08-20

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:220.00V I:0.0490A P:6.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:49.2815x1 lm		
NAME:Lumino Ground-500mm-RGBW BLUE-15D-REV2	TYPE:RGBW-BLUE	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:



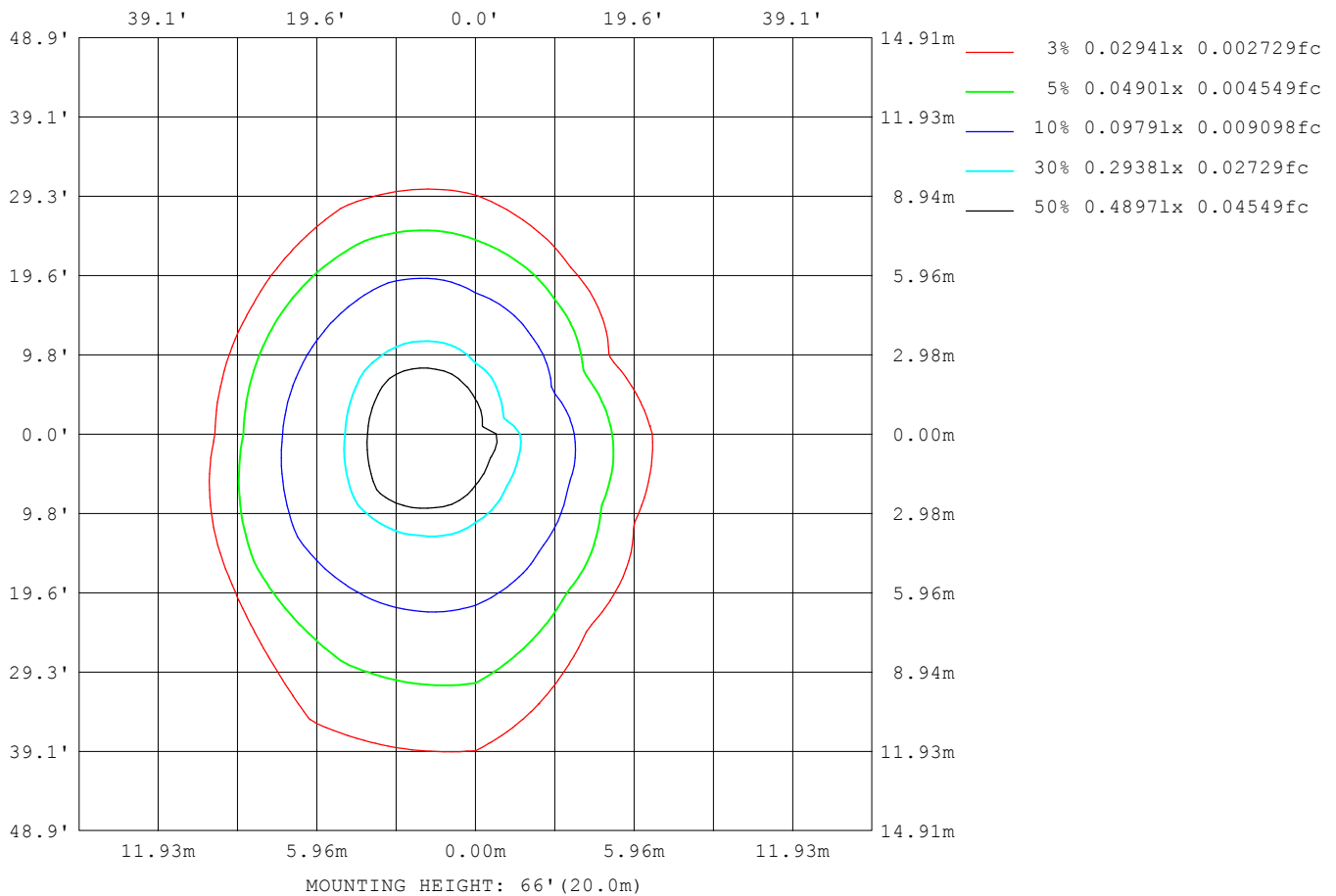
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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:220.00V I:0.0490A P:6.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:49.2815x1 lm		
NAME:Lumino Ground-500mm-RGBW BLUE-15D-REV2	TYPE:RGBW-BLUE	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:220.00V I:0.0490A P:6.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:49.2815x1 lm		
NAME:Lumino Ground-500mm-RGBW BLUE-15D-REV2	TYPE:RGBW-BLUE	WEIGHT:00
SPEC.:15 DEG	DIM.:500mm	SERIAL No.:01
MFR.: 001	SUR.:0.8	Shielding Angle:

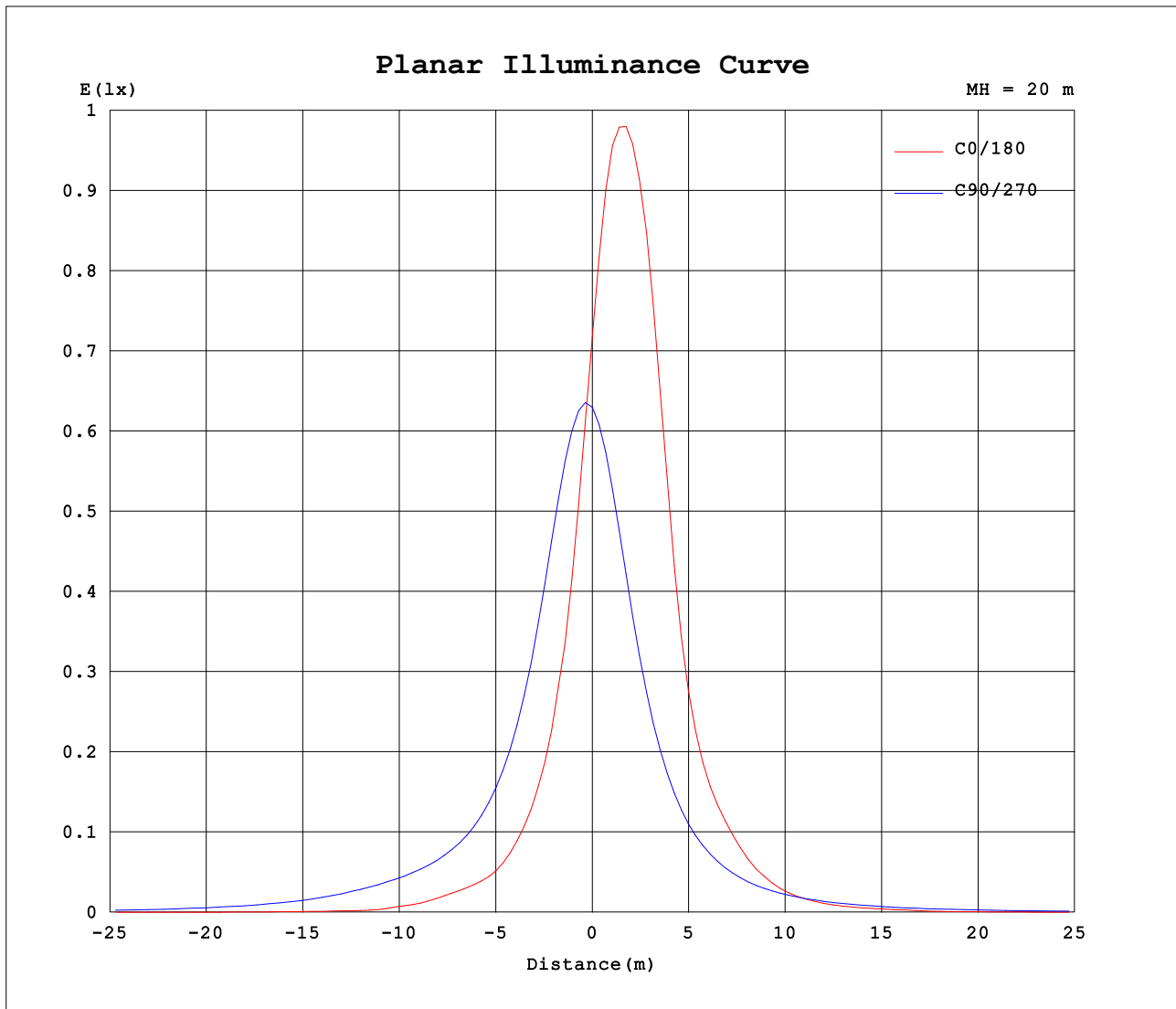
AvgL	cd/m2
L_0~180 (65) av	0
L_0~180 (75) av	0
L_0~180 (85) av	0
L_90~270 (65) av	4
L_90~270 (75) av	3
L_90~270 (85) av	1
L_45 (65) av	0
L_45 (75) av	0
L_45 (85) av	1

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
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Test Speed: HIGH
Temperature:20DEG
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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:220.00V I:0.0490A P:6.4000W PF:0.9000 Freq:49.99Hz Lamp Flux:49.2815x1 lm		
NAME:Lumino Ground-500mm-RGBW BLUE-15D-REV2	TYPE:RGBW-BLUE	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	287	287	268	252	233	210	287	287	268	252	233	210						
5	114	125	148	208	284	359	397	354	262	171	118	86.9						
10	45.0	51.7	71.0	113	177	284	272	246	152	84.8	55.5	36.4						
15	19.8	22.5	37.2	60.8	83.4	117	100	92.6	71.0	42.6	26.9	15.5						
20	11.6	12.5	20.6	37.6	47.4	55.4	46.5	40.7	35.6	23.7	13.7	7.88						
25	5.19	6.61	12.0	26.5	30.2	29.6	19.8	18.7	18.8	14.4	6.96	3.43						
30	1.77	2.40	7.60	19.4	21.6	12.1	8.37	7.05	11.3	9.45	3.99	1.10						
35	1.04	0.91	4.75	13.6	15.5	4.46	4.16	2.57	7.25	6.49	2.27	0.56						
40	0.64	0.51	2.30	9.42	9.07	2.18	1.98	1.31	4.04	4.63	1.07	0.33						
45	0.35	0.29	0.93	6.58	3.89	1.24	0.84	0.66	1.82	3.40	0.41	0.21						
50	0.24	0.16	0.46	4.63	1.51	0.59	0.43	0.36	0.78	2.63	0.24	0.13						
55	0.17	0.10	0.29	3.33	0.86	0.31	0.20	0.20	0.46	2.07	0.14	0.10						
60	0.12	0.06	0.20	2.50	0.54	0.15	0.07	0.11	0.27	1.64	0.08	0.07						
65	0.09	0.04	0.14	1.77	0.32	0.07	0.02	0.07	0.15	1.25	0.05	0.07						
70	0.06	0.02	0.10	1.10	0.19	0.04	0.00	0.05	0.07	0.81	0.03	0.05						
75	0.03	0.02	0.09	0.63	0.12	0.04	0.00	0.04	0.03	0.46	0.03	0.04						
80	0.02	0.02	0.07	0.29	0.11	0.04	0.00	0.03	0.03	0.21	0.03	0.03						
85	0.02	0.02	0.07	0.10	0.09	0.04	0.00	0.03	0.03	0.08	0.03	0.03						
90	0.01	0.02	0.06	0.07	0.08	0.04	0.00	0.02	0.03	0.06	0.03	0.01						
95	0.01	0.02	0.06	0.07	0.08	0.04	0.00	0.01	0.03	0.05	0.04	0.01						
100	0.01	0.02	0.06	0.07	0.08	0.04	0.00	0.01	0.03	0.05	0.04	0.01						
105	0.01	0.02	0.05	0.07	0.08	0.04	0.00	0.01	0.03	0.05	0.04	0.01						
110	0.01	0.03	0.05	0.08	0.06	0.04	0.00	0.01	0.03	0.05	0.04	0.01						
115	0.01	0.03	0.05	0.08	0.10	0.03	0.00	0.01	0.03	0.05	0.04	0.01						
120	0.01	0.03	0.07	0.08	0.08	0.02	0.00	0.01	0.03	0.05	0.04	0.01						
125	0.02	0.03	0.06	0.08	0.07	0.02	0.01	0.01	0.04	0.05	0.05	0.01						
130	0.04	0.03	0.05	0.07	0.07	0.02	0.01	0.01	0.04	0.05	0.06	0.01						
135	0.07	0.04	0.05	0.07	0.08	0.03	0.01	0.01	0.05	0.05	0.08	0.01						
140	0.04	0.07	0.05	0.09	0.08	0.04	0.03	0.01	0.06	0.05	0.09	0.03						
145	0.07	0.13	0.08	0.11	0.09	0.05	0.03	0.01	0.07	0.07	0.12	0.08						
150	0.19	0.22	0.15	0.18	0.08	0.07	0.06	0.02	0.11	0.10	0.19	0.17						
155	0.29	0.31	0.24	0.25	0.13	0.13	0.11	0.07	0.17	0.17	0.27	0.26						
160	0.35	0.36	0.30	0.31	0.22	0.22	0.19	0.16	0.25	0.25	0.31	0.31						
165	0.35	0.39	0.38	0.31	0.30	0.32	0.29	0.28	0.32	0.31	0.31	0.32						
170	0.31	0.31	0.38	0.30	0.32	0.33	0.32	0.33	0.32	0.31	0.29	0.29						
175	0.30	0.26	0.34	0.30	0.32	0.31	0.30	0.34	0.31	0.31	0.29	0.27						
180	0.30	0.28	0.31	0.31	0.30	0.30	0.30	0.28	0.30	0.29	0.29	0.27						

C Range: 0 - 360DEG
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Test Speed: HIGH
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