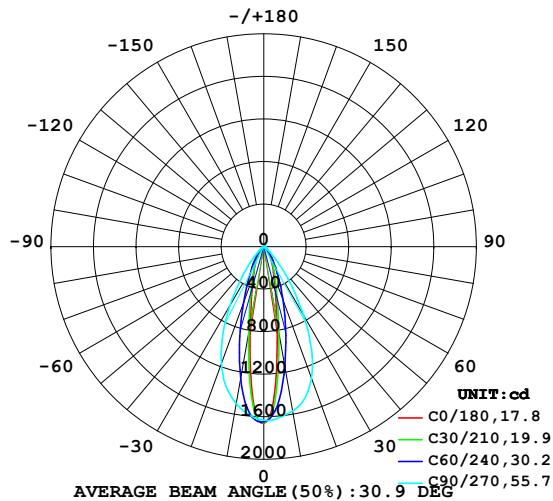


LUMINAIRE PHOTOMETRIC TEST REPORT

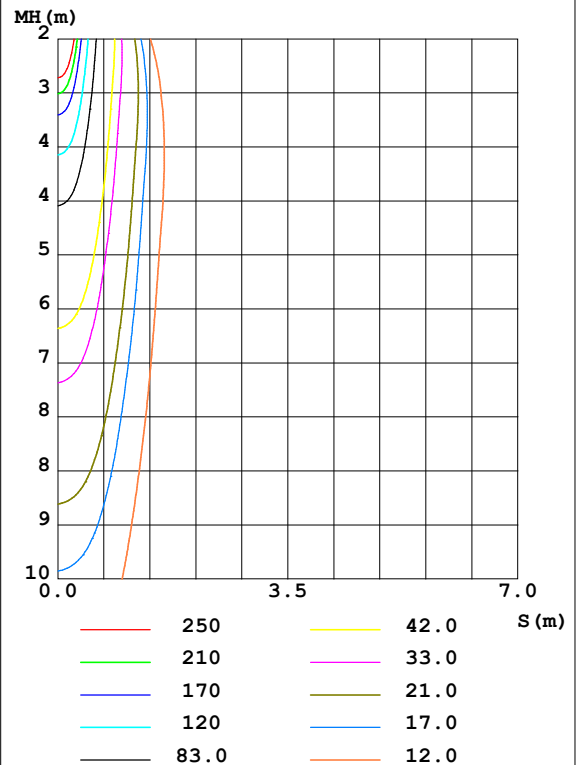
Test:U:220.03V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:699.086x1 lm					
NAME:LuminoFlex Ground-500mm-RGBW ALL-20x55D-REV2			TYPE:RGBW W=3000K		WEIGHT:00
SPEC.:20x55 DEG			DIM.:500mm		SERIAL No.:01
MFR.: 001			SUR.:0.8		Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 38.41 lm/W
MODEL		Imax(cd)	1661	S/MH(C0/180)	0.31	
NOMINAL POWER(W)	47.4	LOR(%)	100.0	S/MH(C90/270)	0.82	
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	699.09	η UP,DN(C0-180)	0.5,53.5	
NOMINAL FLUX(lm)	699.086	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.4,45.7	
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	723.2	981.1	1568	1296	736.8	1043	1498	850.5	0- 10	125.5	125.5	18,18
20	279.5	419.5	1314	591.7	283.3	436.1	1166	374.9	10- 20	215.2	340.7	48.7,48.7
30	134.8	182.2	752.8	243.8	138.9	181.1	634.0	161.8	20- 30	181.1	521.8	74.6,74.6
40	31.98	78.73	267.2	98.80	23.51	71.82	206.2	68.96	30- 40	107.0	628.8	90,90
50	7.185	24.10	56.03	29.49	6.564	23.09	44.41	22.08	40- 50	40.35	669.2	95.7,95.7
60	3.472	7.742	23.34	10.12	2.341	6.247	20.59	7.767	50- 60	14.40	683.6	97.8,97.8
70	1.170	2.591	12.73	2.920	0.6862	1.873	11.10	2.411	60- 70	6.000	689.6	98.6,98.6
80	0.3459	0.8972	5.470	1.059	0.3365	0.7391	4.052	0.8264	70- 80	2.592	692.2	99,99
90	0.0834	0.4989	0.9967	0.6913	0.1881	0.3893	0.7569	0.4549	80- 90	0.9073	693.1	99.1,99.1
100	0.0525	0.4637	0.9930	0.6365	0.1793	0.3849	0.7349	0.4527	90-100	0.5333	693.6	99.2,99.2
110	0.0525	0.4702	1.068	0.6211	0.1531	0.2931	0.7305	0.4440	100-110	0.5039	694.1	99.3,99.3
120	0.0568	0.5621	1.484	0.6080	0.1531	0.3456	0.7698	0.4703	110-120	0.4953	694.6	99.4,99.4
130	0.2010	0.6714	1.500	0.7084	0.2277	0.5272	1.045	0.6585	120-130	0.5382	695.2	99.4,99.4
140	0.5112	1.131	1.965	1.102	0.4641	0.9189	1.574	1.129	130-140	0.6557	695.8	99.5,99.5
150	1.307	2.056	2.752	1.914	1.020	1.754	2.213	2.073	140-150	0.9073	696.7	99.7,99.7
160	3.025	3.110	2.909	2.968	2.491	2.926	2.777	3.031	150-160	1.107	697.8	99.8,99.8
170	3.828	3.429	3.298	3.493	3.552	3.530	3.293	3.349	160-170	0.9189	698.8	100,100
180	3.421	3.554	3.604	3.569	3.429	3.576	3.591	3.569	170-180	0.3344	699.1	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:220.03V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:699.086x1 lm

NAME:LuminoFlex Ground-500mm-RGBW ALL-20x55D-REV2

TYPE:RGBW W=3000K

WEIGHT:00

SPEC.:20x55 DEG

DIM.:500mm

SERIAL No.:01

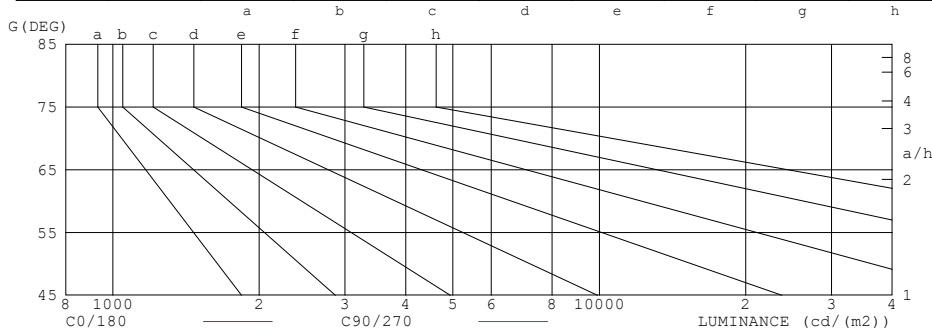
MFR.: 001

SUR.:0.8

Shielding Angle:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3	30
80	2	39
75	3	44
70	4	47
65	6	51
60	9	58
55	11	70
50	14	109
45	22	226

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:220.03V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:699.086x1 lm

NAME:LuminoFlex Ground-500mm-RGBW ALL-20x55D-REV2

TYPE:RGBW W=3000K

WEIGHT:00

SPEC.:20x55 DEG

DIM.:500mm

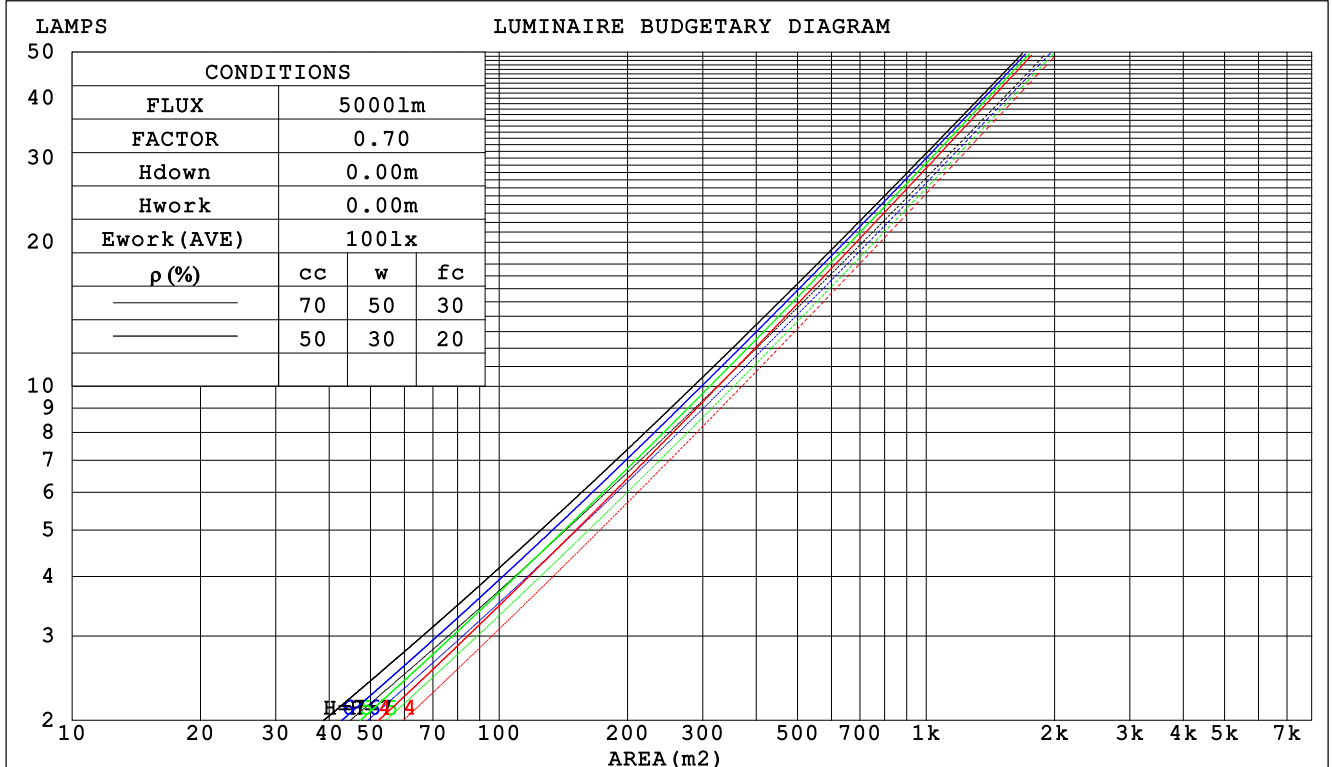
SERIAL No.:01

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	.83	.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	.71	.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	.72	.69	.66	.65
8.0	.73	.67	.64	.72	.67	.63	.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:220.03V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:699.086x1 lm					
NAME:LuminoFlex Ground-500mm-RGBW ALL-20x55D-REV2			TYPE:RGBW W=3000K		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	.136	.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	.064	.018	.118	.061	.018	.113	.059	.018		
7.0	.127	.063	.018	.124	.062	.018	.119	.060	.017	.114	.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	.168	.168	.168	.115	.115	.115	.066	.066	.066	.021	.021	.021	
1.0	.177	.164	.152	.152	.141	.131	.104	.097	.090	.060	.056	.053	.019	.018	.017	
2.0	.162	.139	.120	.139	.120	.104	.095	.083	.072	.055	.048	.042	.018	.016	.014	
3.0	.149	.120	.097	.128	.104	.084	.088	.072	.059	.051	.042	.035	.016	.014	.011	
4.0	.139	.105	.080	.119	.091	.070	.082	.063	.049	.047	.037	.029	.015	.012	.010	
5.0	.130	.094	.067	.111	.081	.059	.077	.057	.041	.044	.033	.025	.014	.011	.008	
6.0	.122	.084	.057	.105	.073	.050	.072	.051	.035	.042	.030	.021	.014	.010	.007	
7.0	.115	.077	.050	.099	.066	.043	.068	.047	.031	.040	.027	.018	.013	.009	.006	
8.0	.109	.070	.044	.094	.061	.038	.065	.043	.027	.038	.025	.016	.012	.008	.005	
9.0	.104	.065	.039	.090	.056	.034	.062	.040	.024	.036	.023	.014	.012	.008	.005	
10.0	.099	.061	.035	.086	.053	.030	.059	.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:220.03V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:699.086x1 lm										
NAME:LuminoFlex Ground-500mm-RGBW ALL-20x55D-REV2					TYPE:RGBW W=3000K			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	-4.1	-3.3	-3.9	-3.1	-2.9	4.0	4.9	4.2	5.0	5.2
3H	-4.3	-3.4	-4.0	-3.2	-3.0	4.0	4.9	4.3	5.1	5.3
4H	-4.3	-3.6	-4.0	-3.3	-3.1	4.1	4.9	4.4	5.1	5.4
6H	-4.4	-3.7	-4.1	-3.4	-3.2	4.2	4.9	4.5	5.2	5.4
8H	-4.5	-3.7	-4.1	-3.5	-3.2	4.2	4.9	4.5	5.1	5.4
12H	-4.5	-3.8	-4.2	-3.5	-3.2	4.2	4.8	4.5	5.1	5.4
4H 2H	-4.1	-3.3	-3.8	-3.1	-2.8	3.7	4.5	4.0	4.7	5.0
3H	-4.2	-3.5	-3.8	-3.2	-2.9	3.8	4.5	4.1	4.8	5.1
4H	-4.2	-3.6	-3.9	-3.3	-3.0	3.9	4.5	4.2	4.8	5.1
6H	-4.3	-3.8	-3.9	-3.4	-3.1	4.0	4.5	4.4	4.9	5.2
8H	-4.4	-3.9	-4.0	-3.5	-3.1	4.0	4.5	4.4	4.9	5.3
12H	-4.4	-4.0	-4.0	-3.6	-3.2	4.0	4.5	4.5	4.9	5.3
8H 4H	-4.3	-3.8	-3.9	-3.4	-3.1	3.7	4.2	4.1	4.6	5.0
6H	-4.4	-4.0	-3.9	-3.6	-3.1	3.8	4.3	4.3	4.7	5.1
8H	-4.4	-4.1	-4.0	-3.6	-3.2	3.9	4.2	4.3	4.7	5.1
12H	-4.5	-4.1	-4.0	-3.7	-3.2	3.9	4.2	4.4	4.7	5.2
12H 4H	-4.3	-3.9	-3.9	-3.5	-3.1	3.7	4.1	4.1	4.5	4.9
6H	-4.4	-4.0	-3.9	-3.6	-3.1	3.8	4.2	4.2	4.6	5.0
8H	-4.4	-4.1	-3.9	-3.7	-3.2	3.8	4.1	4.3	4.6	5.1
Variations with the observer position at spacings:										
S = 1.0H	+ 2.3 / - 6.3					+ 4.6 / - 4.3				
1.5H	+ 3.8 / - 5.4					+ 6.5 / - 5.0				
2.0H	+ 3.1 / - 2.6					+ 6.1 / - 4.3				

CIE Pub.117, 699.1 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.2)
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:220.03V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:699.086x1 lm		
NAME:LuminoFlex Ground-500mm-RGBW ALL-20x55D-REV2	TYPE:RGBW W=3000K	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	95	90
2.00	108	103	100	106	102	99	103	100	98	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:220.03V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:699.086x1 lm

NAME:LuminoFlex Ground-500mm-RGBW ALL-20x55D-REV2

TYPE:RGBW W=3000K

WEIGHT:00

SPEC.:20x55 DEG

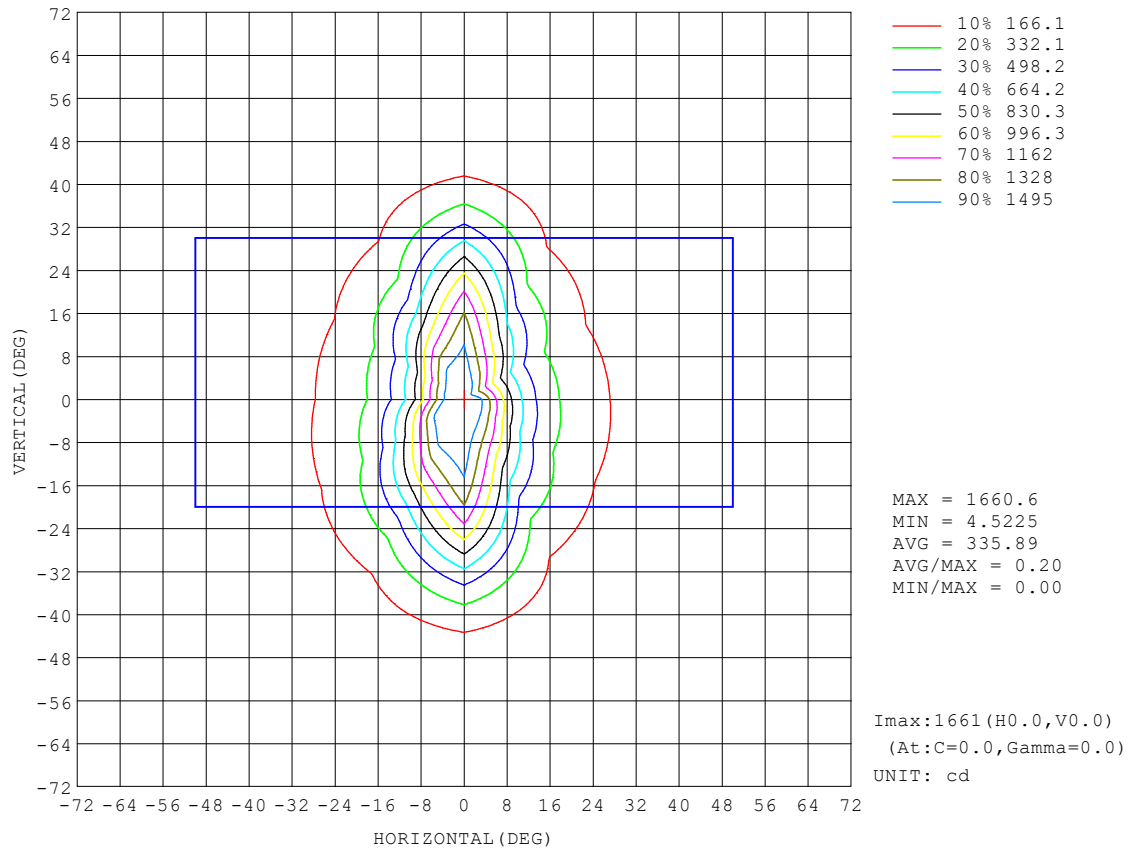
DIM.:500mm

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:220.03V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:699.086x1 lm

NAME:LuminoFlex Ground-500mm-RGBW ALL-20x55D-REV2

TYPE:RGBW W=3000K

WEIGHT:00

SPEC.:20x55 DEG

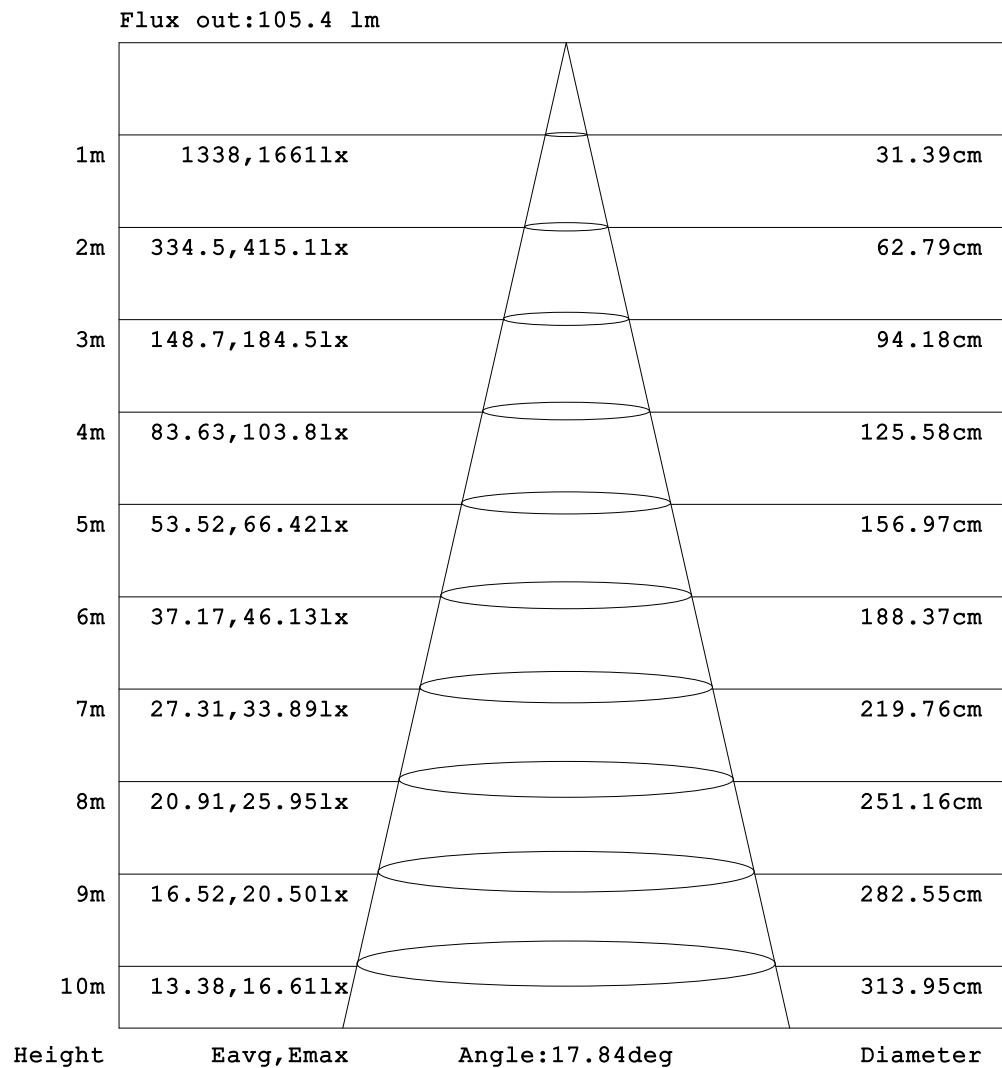
DIM.:500mm

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:220.03V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:699.086x1 lm

NAME:LuminoFlex Ground-500mm-RGBW ALL-20x55D-REV2

TYPE:RGBW W=3000K

WEIGHT:00

SPEC.:20x55 DEG

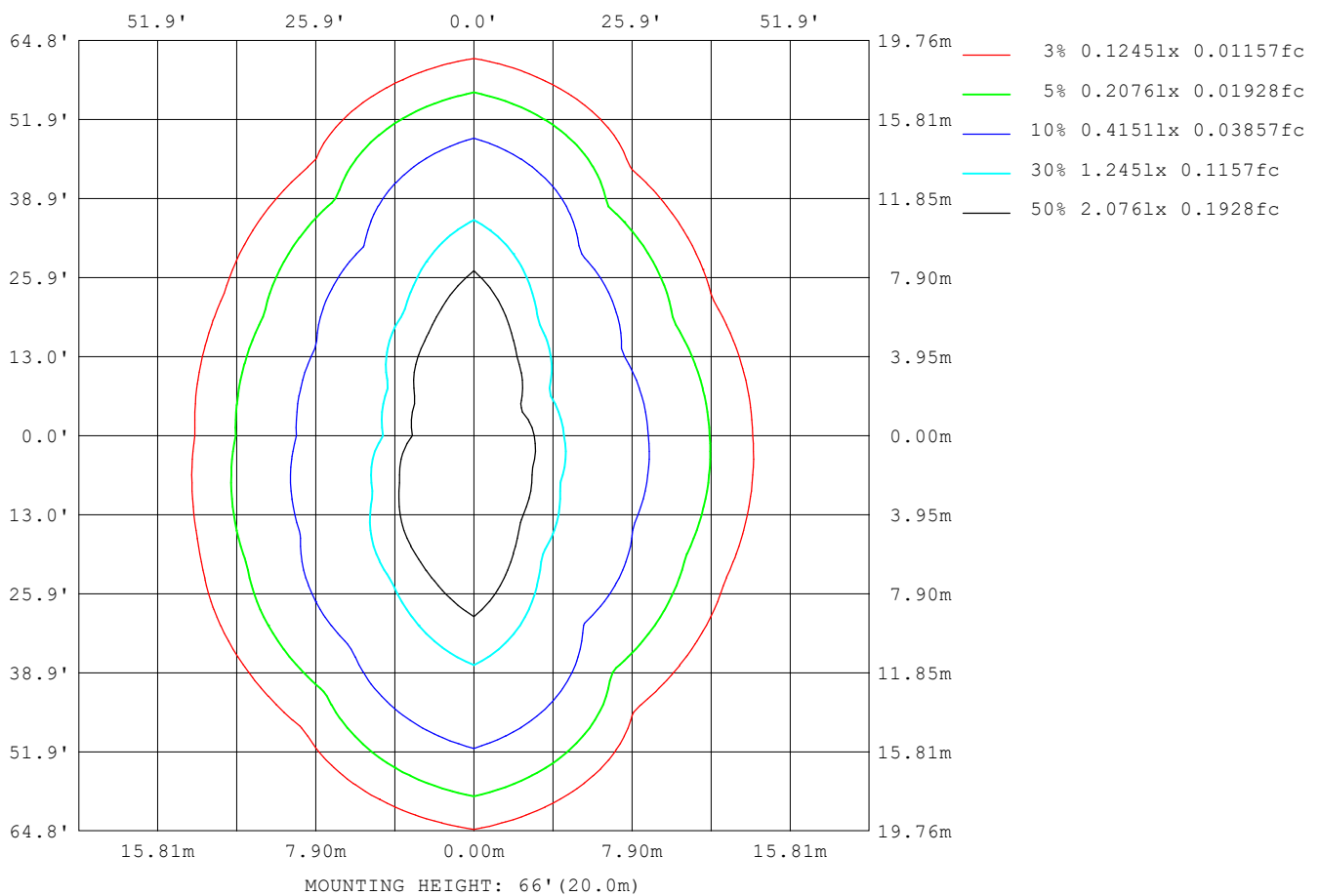
DIM.:500mm

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:220.03V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:699.086x1 lm

NAME:LuminoFlex Ground-500mm-RGBW ALL-20x55D-REV2

TYPE:RGBW W=3000K

WEIGHT:00

SPEC.:20x55 DEG

DIM.:500mm

SERIAL No.:01

MFR.: 001

SUR.:0.8

Shielding Angle:

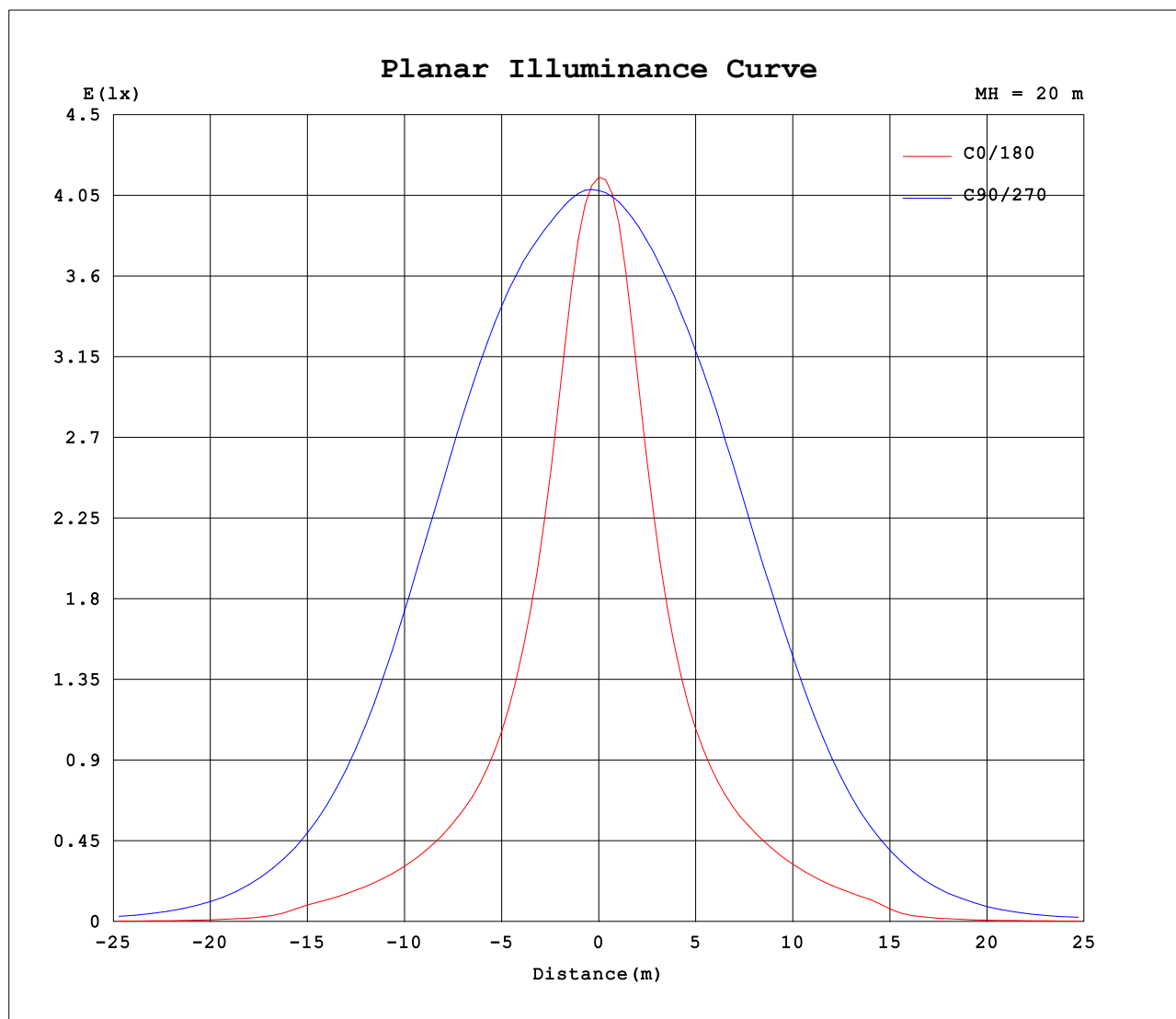
AvgL	cd/m2
L_0~180 (65) av	5
L_0~180 (75) av	3
L_0~180 (85) av	3
L_90~270 (65) av	48
L_90~270 (75) av	41
L_90~270 (85) av	24
L_45 (65) av	11
L_45 (75) av	5
L_45 (85) av	9

Standard: GB/T 29293-2012

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

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:220.03V I:0.0880A P:18.200W PF:0.9000 Freq:49.99Hz Lamp Flux:699.086x1 lm

NAME:LuminoFlex Ground-500mm-RGBW ALL-20x55D-REV2

TYPE:RGBW W=3000K

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	1661	1657	1648	1631	1612	1589	1661	1657	1648	1631	1612	1589							
5	1294	1369	1499	1616	1639	1603	1333	1385	1569	1587	1386	1103							
10	723	819	1143	1568	1485	1107	737	826	1259	1498	1043	658							
15	423	486	796	1482	1151	641	430	484	873	1366	729	404							
20	279	309	530	1314	792	391	283	312	561	1166	483	267							
25	194	215	341	1061	502	261	201	210	344	912	305	183							
30	135	148	217	753	309	179	139	144	219	634	197	126							
35	89.1	101	139	473	187	123	89.8	98.5	140	386	128	85.4							
40	32.0	66.4	91.1	267	116	81.9	23.5	52.6	91.0	206	84.6	53.4							
45	12.6	21.6	59.1	128	72.6	30.8	10.3	15.5	59.9	95.8	56.7	16.5							
50	7.19	9.81	38.4	56.0	46.8	12.1	6.56	7.95	38.2	44.4	35.9	8.26							
55	5.19	6.27	22.5	32.3	27.2	7.03	4.30	5.29	21.1	28.6	20.6	5.55							
60	3.47	4.35	11.1	23.3	15.7	4.51	2.34	3.16	9.33	20.6	11.7	3.80							
65	2.05	2.68	6.03	17.1	7.93	2.49	1.16	1.58	5.21	15.2	6.00	2.27							
70	1.17	1.62	3.56	12.7	4.46	1.38	0.69	0.95	2.80	11.1	3.42	1.40							
75	0.57	0.86	1.97	9.15	2.21	0.92	0.48	0.71	1.44	7.69	1.81	0.80							
80	0.35	0.55	1.24	5.47	1.38	0.74	0.34	0.52	0.96	4.05	1.09	0.56							
85	0.20	0.39	0.89	2.10	1.04	0.61	0.24	0.38	0.69	1.25	0.76	0.42							
90	0.08	0.28	0.72	1.00	0.86	0.52	0.19	0.27	0.51	0.76	0.61	0.30							
95	0.05	0.27	0.67	0.95	0.77	0.52	0.19	0.27	0.52	0.74	0.61	0.30							
100	0.05	0.27	0.66	0.99	0.76	0.52	0.18	0.26	0.51	0.73	0.61	0.30							
105	0.05	0.27	0.66	1.00	0.76	0.50	0.16	0.20	0.49	0.73	0.61	0.28							
110	0.05	0.28	0.66	1.07	0.76	0.49	0.15	0.21	0.38	0.73	0.61	0.28							
115	0.05	0.29	0.73	1.24	0.76	0.46	0.15	0.21	0.48	0.73	0.63	0.28							
120	0.06	0.32	0.80	1.48	0.76	0.46	0.15	0.21	0.49	0.77	0.66	0.28							
125	0.11	0.37	0.83	1.72	0.79	0.47	0.17	0.25	0.56	0.89	0.74	0.32							
130	0.20	0.45	0.90	1.50	0.91	0.50	0.23	0.32	0.74	1.05	0.92	0.40							
135	0.32	0.57	1.15	1.64	1.12	0.59	0.32	0.42	0.94	1.28	1.20	0.52							
140	0.51	0.75	1.51	1.96	1.46	0.74	0.46	0.57	1.27	1.57	1.58	0.68							
145	0.79	1.10	1.98	2.38	1.88	1.02	0.67	0.83	1.71	1.83	2.00	1.11							
150	1.31	1.66	2.45	2.75	2.33	1.50	1.02	1.29	2.22	2.21	2.39	1.75							
155	2.12	2.42	2.83	2.87	2.74	2.16	1.62	1.98	2.70	2.46	2.67	2.49							
160	3.03	3.15	3.07	2.91	3.05	2.88	2.49	2.79	3.07	2.78	2.95	3.11							
165	3.66	3.58	3.19	3.10	3.26	3.41	3.28	3.38	3.31	3.03	3.10	3.38							
170	3.83	3.53	3.32	3.30	3.39	3.60	3.55	3.57	3.49	3.29	3.36	3.34							
175	3.63	3.43	3.49	3.48	3.47	3.59	3.46	3.60	3.60	3.51	3.57	3.42							
180	3.42	3.50	3.60	3.60	3.56	3.58	3.43	3.54	3.61	3.59	3.58	3.56							

C Range: 0 - 360DEG

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