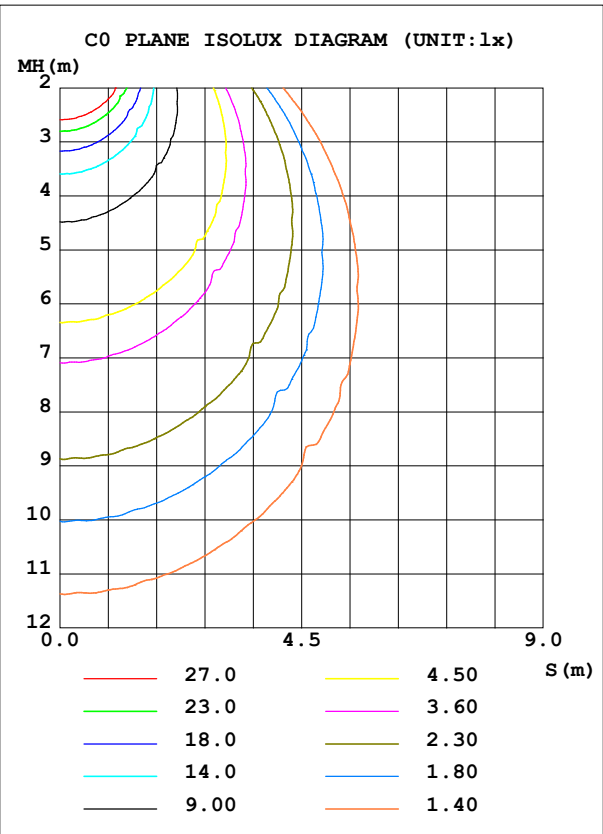
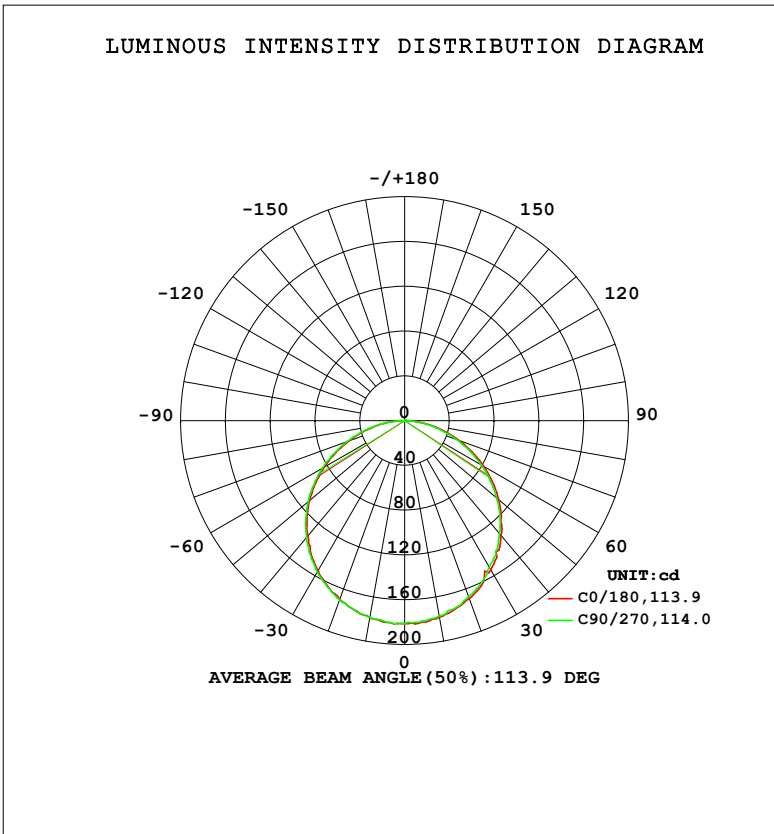


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:120.00V I:0.0661A P:7.6382W PF:0.9624 Freq:59.98Hz Lamp Flux:531.009x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 3500K
MFR.:	SUR.: 0.135	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	BRMF05LAJD1WH_3500K	Imax (cd)	181.8	S/MH (C0/180)	1.27
NOMINAL POWER (W)	8	LOR (%)	100.0	S/MH (C90/270)	1.28
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	531.01	$\eta$ UP, DN (C0-180)	0.1,49.1
NOMINAL FLUX (lm)	531.009	CIE CLASS	DIRECT	$\eta$ UP, DN (C180-360)	0.1,50.7
LAMPS INSIDE	1	$\eta$ up (%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	$\eta$ down (%)	99.8	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2025-12-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity: 65.0%  
 Test Distance: 8.800m [K=1.0000]  
 Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

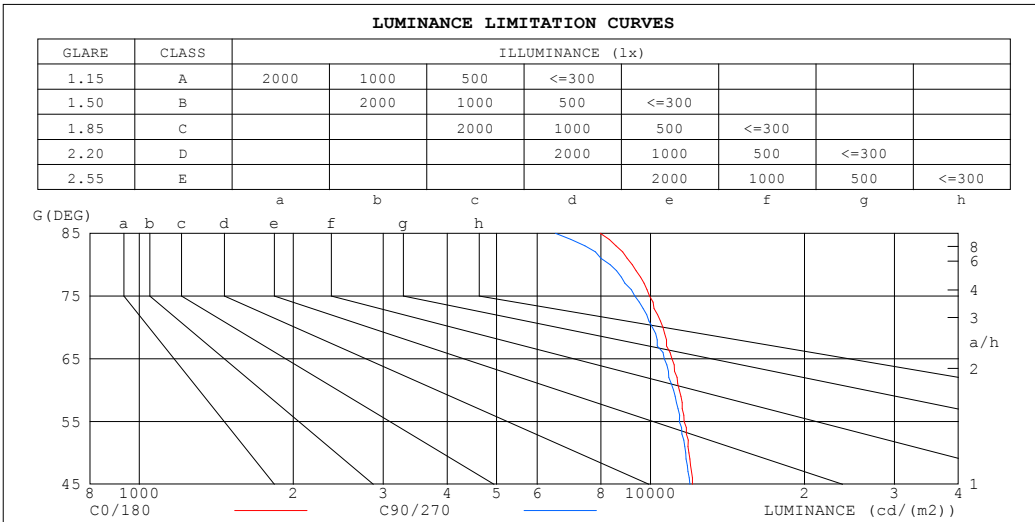
$\gamma$	C0	C90	C180	C270					$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	178.4	177.1	178.9	178.1					0- 10	17.16	17.16	3.23,3.23
20	169.1	167.2	169.9	170.3					10- 20	49.22	66.38	12.5,12.5
30	153.9	151.2	154.7	156.1					20- 30	74.76	141.1	26.6,26.6
40	134.2	131.7	135.0	136.5					30- 40	90.64	231.8	43.6,43.6
50	109.4	107.4	110.9	112.4					40- 50	94.69	326.5	61.5,61.5
60	81.62	79.14	82.96	84.97					50- 60	86.12	412.6	77.7,77.7
70	51.87	49.24	53.12	55.01					60- 70	66.44	479.0	90.2,90.2
80	22.92	20.66	24.01	25.51					70- 80	39.57	518.6	97.7,97.7
90	0.0343	0.0716	0.3506	0.7140					80- 90	11.47	530.1	99.8,99.8
100	0	0.0276	0.0167	0					90-100	0.0274	530.1	99.8,99.8
110	0.0166	0.0772	0.0886	0.0220					100-110	0.0267	530.1	99.8,99.8
120	0.0829	0.1489	0.1606	0.1047					110-120	0.0844	530.2	99.8,99.8
130	0.1439	0.2205	0.2426	0.1764					120-130	0.1424	530.3	99.9,99.9
140	0.1993	0.2756	0.3047	0.2589					130-140	0.1741	530.5	99.9,99.9
150	0.2546	0.3142	0.3655	0.3087					140-150	0.1779	530.7	99.9,99.9
160	0.3046	0.3749	0.4132	0.3637					150-160	0.1559	530.9	100,100
170	0.3764	0.4372	0.4765	0.4023					160-170	0.1104	531.0	100,100
180	0.4209	0.4465	0.4652	0.4189					170-180	0.0414	531.0	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity:65.0%  
 Test Distance:8.800m [K=1.0000]  
 Remarks:

LUMINANCE LIMITATION CURVES

Test:U:120.00V I:0.0661A P:7.6382W PF:0.9624 Freq:59.98Hz Lamp Flux:531.009x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 3500K
MFR.:	SUR.: 0.135	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	7977	6512
80	9208	8341
75	9959	9316
70	10580	10091
65	11015	10643
60	11388	11095
55	11629	11385
50	11879	11709
45	12072	11934

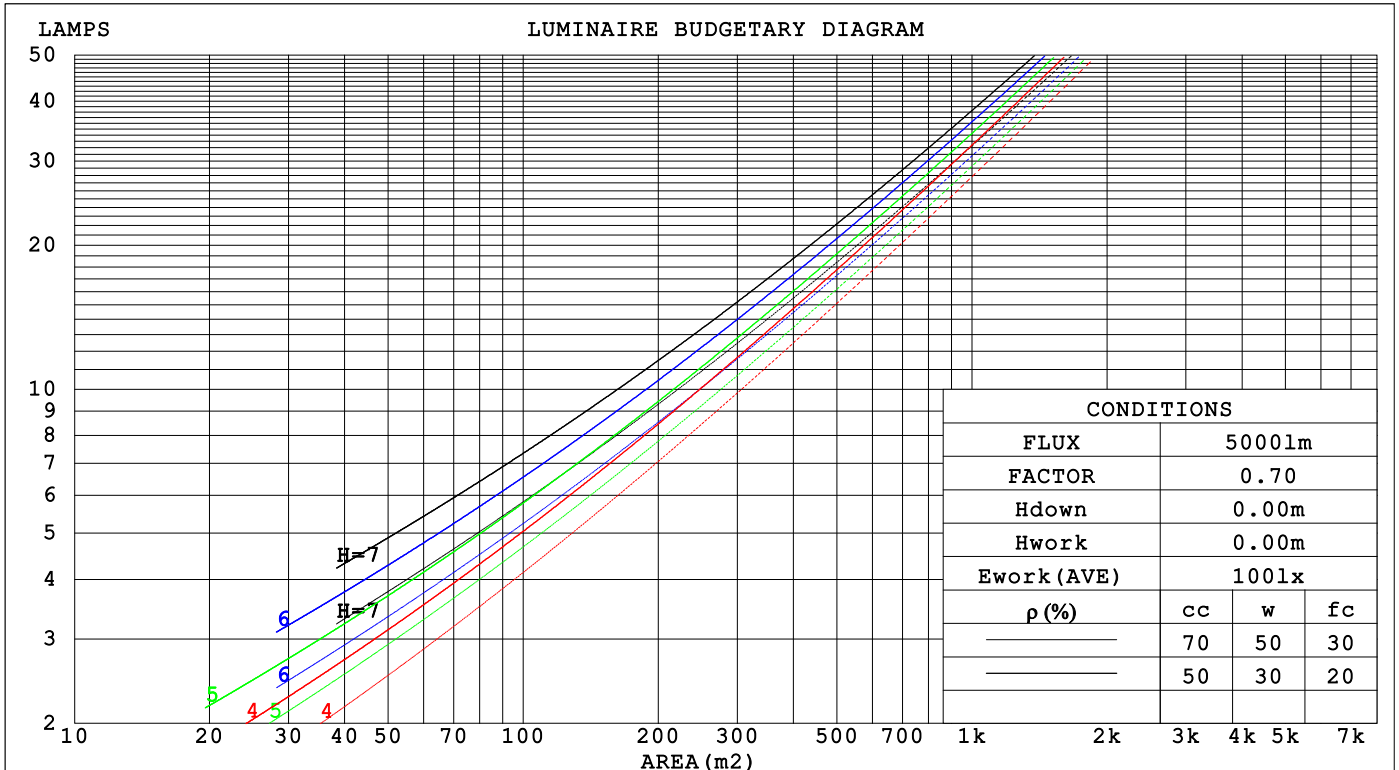
C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-03

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity:65.0%  
 Test Distance:8.800m [K=1.0000]  
 Remarks:

**CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM**

Test:U:120.00V I:0.0661A P:7.6382W PF:0.9624 Freq:59.98Hz Lamp Flux:531.009x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 3500K
MFR.:	SUR.: 0.135	Shielding Angle:

$\rho_{cc}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	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	1.02	1.02	1.02	.00
1.0	1.04	.99	.95	1.01	.97	.94	.97	.94	.91	.93	.90	.88	.89	.87	.85	.83
2.0	.90	.83	.77	.88	.82	.76	.84	.79	.74	.81	.77	.73	.78	.74	.71	.69
3.0	.79	.71	.64	.77	.70	.63	.74	.68	.62	.71	.66	.61	.69	.64	.60	.58
4.0	.70	.61	.54	.68	.60	.54	.66	.59	.53	.63	.57	.52	.61	.56	.51	.49
5.0	.62	.53	.46	.61	.52	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.45	.40	.51	.45	.39	.50	.44	.39	.37
7.0	.51	.42	.36	.50	.41	.35	.48	.41	.35	.47	.40	.35	.45	.39	.35	.33
8.0	.46	.38	.32	.46	.37	.32	.44	.37	.31	.43	.36	.31	.42	.36	.31	.29
9.0	.42	.34	.28	.42	.34	.28	.41	.33	.28	.40	.33	.28	.38	.32	.28	.26
10.0	.39	.31	.26	.39	.31	.26	.38	.30	.26	.37	.30	.25	.36	.30	.25	.24



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity:65.0%  
 Test Distance:8.800m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:120.00V I:0.0661A P:7.6382W PF:0.9624 Freq:59.98Hz		
Lamp Flux:531.009x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 3500K
MFR.:	SUR.: 0.135	Shielding Angle:

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.316	.180	.057	.309	.176	.056	.295	.169	.054	.283	.163	.052	.272	.157	.051	
2.0	.296	.162	.050	.290	.160	.049	.278	.154	.048	.267	.150	.047	.257	.145	.046	
3.0	.273	.145	.044	.268	.143	.043	.257	.139	.042	.247	.136	.042	.238	.132	.041	
4.0	.252	.131	.038	.247	.129	.038	.237	.126	.038	.229	.123	.037	.221	.120	.037	
5.0	.232	.118	.034	.228	.117	.034	.220	.114	.034	.212	.112	.033	.205	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.105	.030	.197	.102	.030	.191	.100	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.093	.027	
8.0	.187	.091	.026	.184	.090	.026	.178	.089	.025	.172	.087	.025	.167	.086	.025	
9.0	.175	.085	.024	.172	.084	.024	.167	.082	.023	.162	.081	.023	.157	.080	.023	
10.0	.164	.079	.022	.162	.078	.022	.157	.077	.022	.153	.076	.022	.148	.075	.021	

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients (CCEC)									
0.0	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.182	.157	.135	.156	.135	.116	.107	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.174	.133	.099	.149	.115	.085	.102	.079	.060	.059	.046	.035	.019	.015	.011	
3.0	.166	.116	.075	.143	.100	.065	.098	.069	.046	.057	.040	.027	.018	.013	.009	
4.0	.159	.102	.059	.136	.089	.052	.094	.062	.036	.054	.036	.021	.017	.012	.007	
5.0	.151	.092	.048	.130	.080	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.144	.084	.040	.124	.072	.035	.085	.051	.025	.050	.030	.015	.016	.010	.005	
7.0	.137	.077	.034	.118	.067	.030	.082	.047	.021	.047	.028	.013	.015	.009	.004	
8.0	.131	.071	.030	.113	.062	.026	.078	.043	.019	.045	.026	.011	.015	.008	.004	
9.0	.125	.066	.026	.107	.057	.023	.074	.040	.016	.043	.024	.010	.014	.008	.003	
10.0	.119	.062	.024	.103	.054	.021	.071	.038	.015	.041	.022	.009	.013	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity:65.0%  
 Test Distance:8.800m [K=1.0000]  
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:120.00V I:0.0661A P:7.6382W PF:0.9624 Freq:59.98Hz Lamp Flux:531.009x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 3500K
MFR.:	SUR.: 0.135	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	21.4	22.9	21.6	23.1	23.3	21.3	22.8	21.5	23.0	23.2
3H	22.9	24.3	23.2	24.6	24.8	22.8	24.2	23.1	24.4	24.7
4H	23.6	24.9	23.9	25.2	25.4	23.4	24.7	23.7	25.0	25.2
6H	24.0	25.3	24.4	25.6	25.9	23.8	25.1	24.1	25.3	25.6
8H	24.2	25.4	24.5	25.7	26.0	23.9	25.2	24.3	25.4	25.7
12H	24.3	25.5	24.6	25.8	26.1	24.0	25.2	24.3	25.5	25.8
4H 2H	22.0	23.3	22.3	23.6	23.8	21.9	23.2	22.2	23.5	23.8
3H	23.7	24.9	24.1	25.2	25.5	23.6	24.8	23.9	25.1	25.4
4H	24.5	25.6	24.9	25.9	26.2	24.3	25.4	24.7	25.7	26.1
6H	25.1	26.0	25.5	26.4	26.8	24.9	25.8	25.3	26.2	26.6
8H	25.3	26.2	25.7	26.6	27.0	25.0	25.9	25.5	26.3	26.7
12H	25.4	26.3	25.9	26.7	27.1	25.2	26.0	25.6	26.4	26.8
8H 4H	24.7	25.6	25.2	26.0	26.4	24.6	25.5	25.0	25.9	26.3
6H	25.5	26.2	25.9	26.7	27.1	25.3	26.1	25.7	26.5	26.9
8H	25.8	26.5	26.3	26.9	27.4	25.6	26.2	26.0	26.7	27.1
12H	26.0	26.6	26.5	27.1	27.5	25.7	26.3	26.2	26.8	27.3
12H 4H	24.8	25.6	25.2	26.0	26.4	24.6	25.4	25.0	25.8	26.2
6H	25.6	26.2	26.0	26.7	27.1	25.4	26.0	25.8	26.5	26.9
8H	25.9	26.5	26.4	26.9	27.4	25.7	26.2	26.2	26.7	27.2

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.1 / - 0.2	+ 0.1 / - 0.2
1.5H	+ 0.2 / - 0.3	+ 0.2 / - 0.3
2.0H	+ 0.2 / - 0.3	+ 0.2 / - 0.3

CIE Pub.117, 531.0 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.2)  
Area: 0.0143 m2

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:8.800m [K=1.0000]  
Remarks:

UTILIZATION FACTORS TABLE

Test:U:120.00V I:0.0661A P:7.6382W PF:0.9624 Freq:59.98Hz Lamp Flux:531.009x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 3500K
MFR.:	SUR.: 0.135	Shielding Angle:

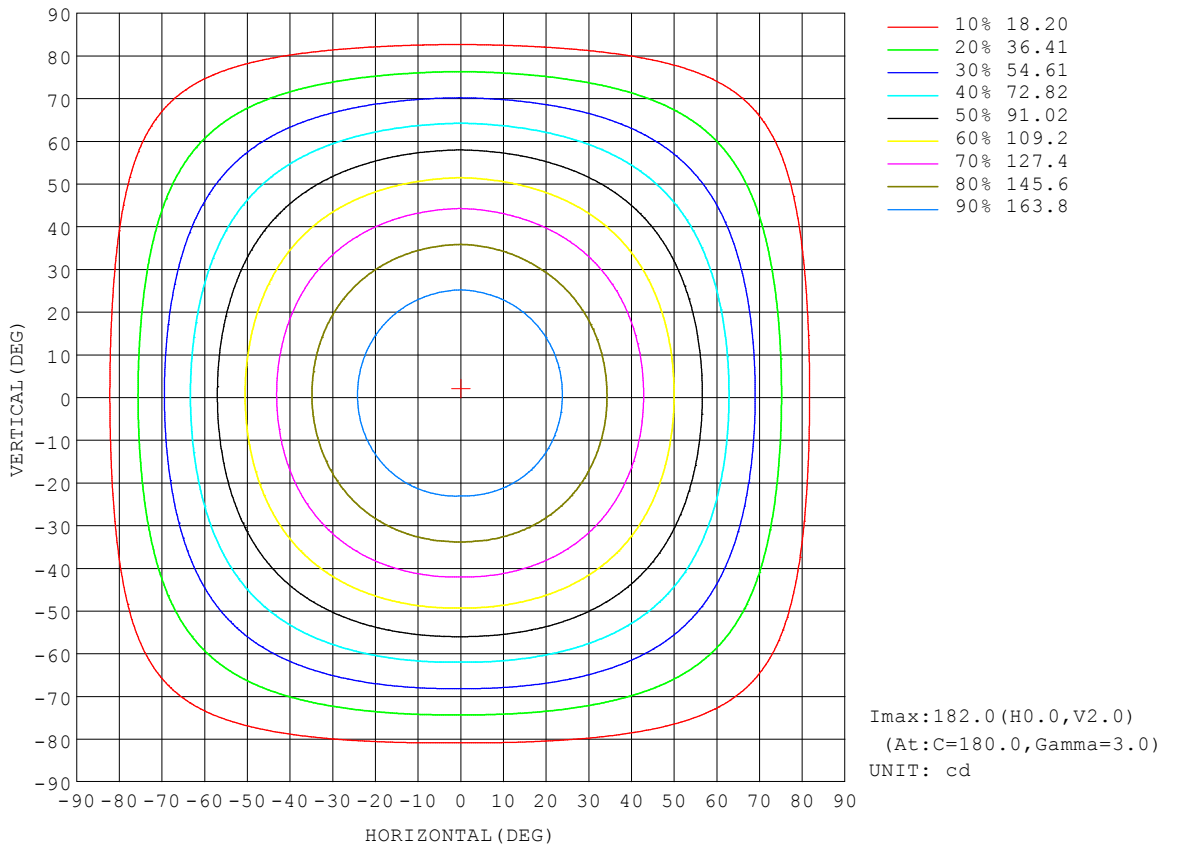
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	56	72	65	56	49
1.25	83	72	65	81	71	64	78	70	63	56
1.50	88	78	70	86	77	70	83	75	69	61
2.00	94	86	79	93	85	78	89	82	77	69
2.50	98	91	84	96	89	83	92	86	82	73
3.00	102	95	89	100	93	88	96	90	86	77
4.00	106	100	95	103	98	94	99	95	91	82
5.00	108	103	99	106	101	98	101	98	95	85
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended				SHRNOM = 1.25			

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity:65.0%  
 Test Distance:8.800m [K=1.0000]  
 Remarks:

ISOCANDELA DIAGRAM

Test:U:120.00V I:0.0661A P:7.6382W PF:0.9624 Freq:59.98Hz Lamp Flux:531.009x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 3500K
MFR.:	SUR.: 0.135	Shielding Angle:

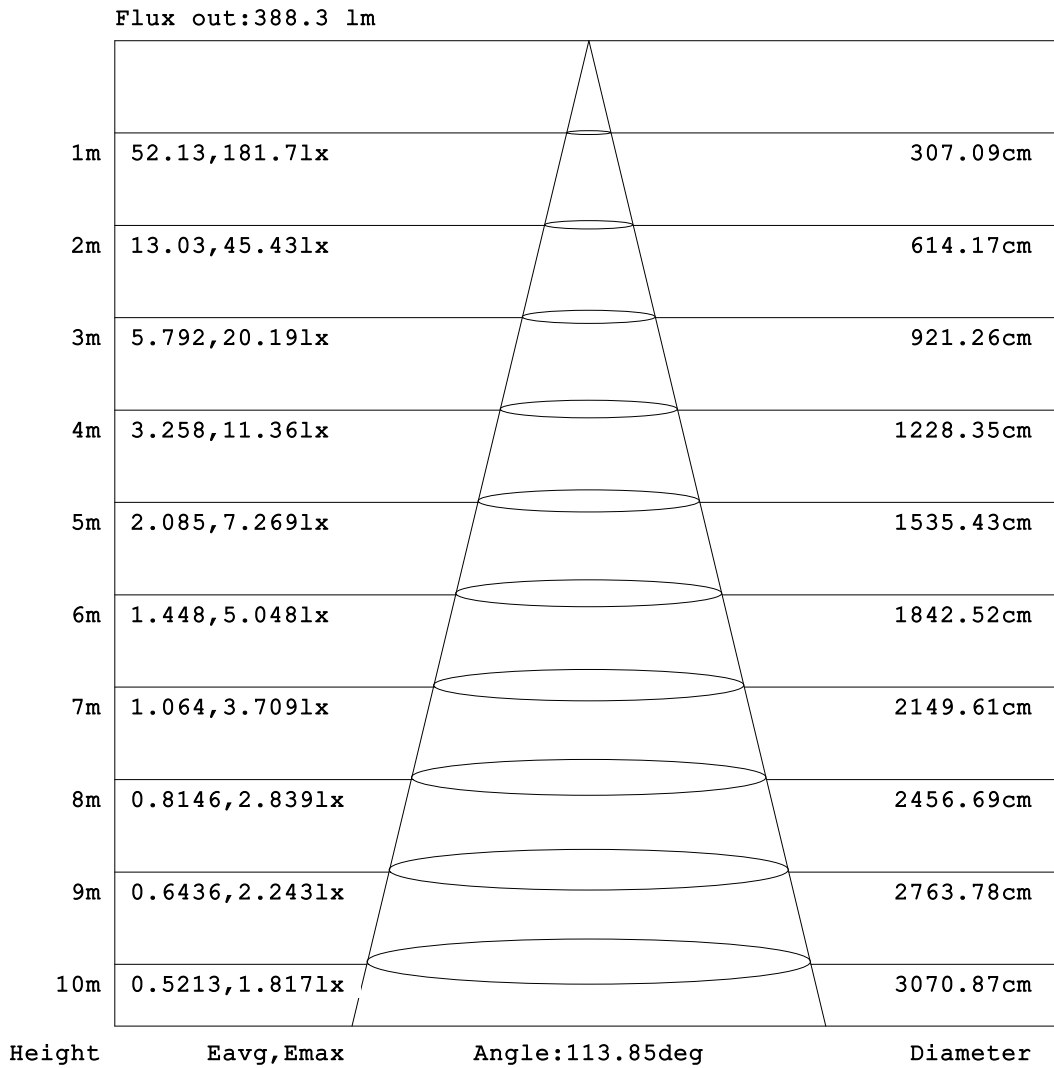


C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-03

γ Range: 0 - 180DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity:65.0%  
Test Distance:8.800m [K=1.0000]  
Remarks:

**AAI Figure**

Test:U:120.00V I:0.0661A P:7.6382W PF:0.9624 Freq:59.98Hz Lamp Flux:531.009x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 3500K
MFR.:	SUR.: 0.135	Shielding Angle:



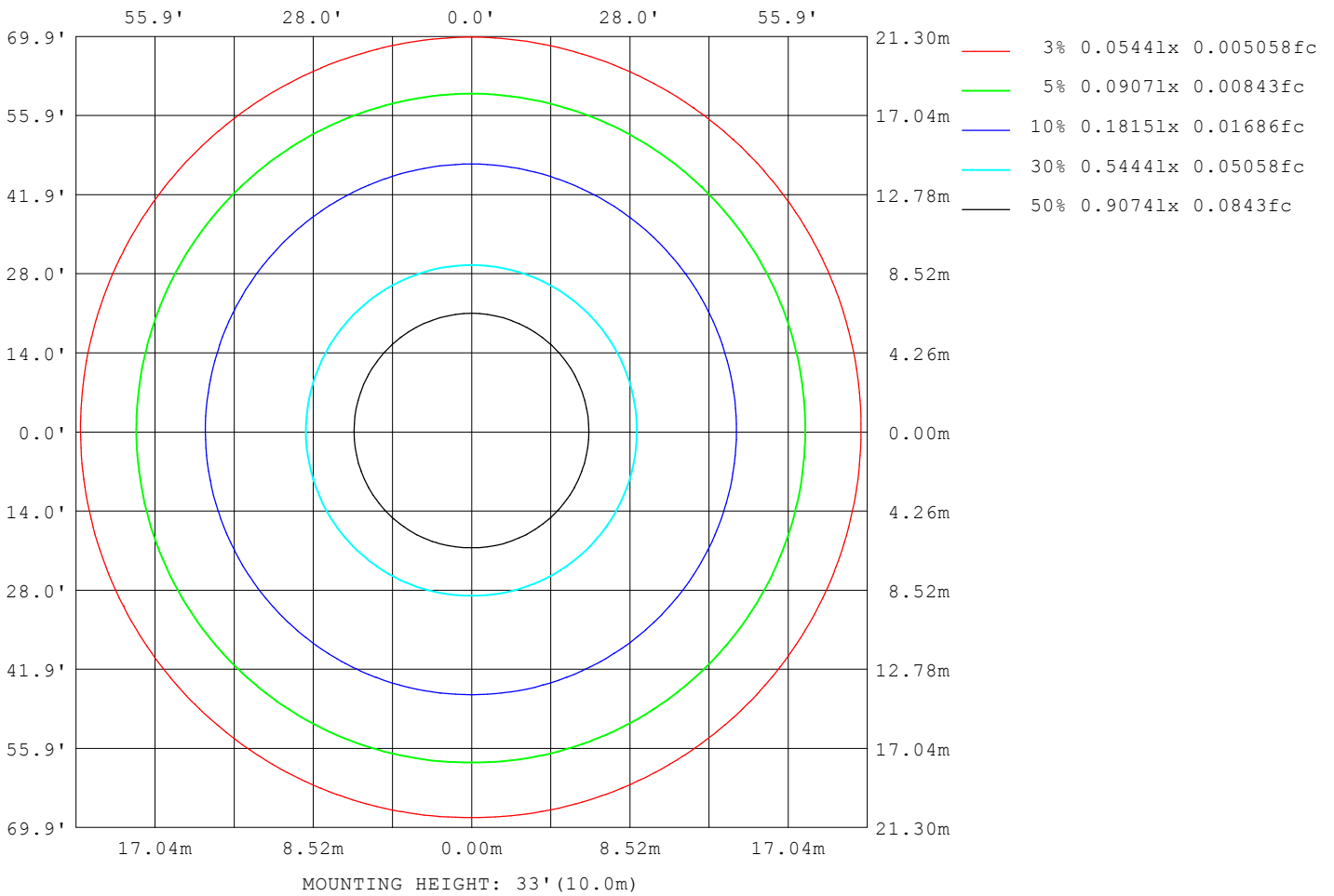
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-03

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity:65.0%  
 Test Distance:8.800m [K=1.0000]  
 Remarks:

ISOLUX DIAGRAM

Test:U:120.00V I:0.0661A P:7.6382W PF:0.9624 Freq:59.98Hz Lamp Flux:531.009x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 3500K
MFR.:	SUR.: 0.135	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-03

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity:65.0%  
 Test Distance:8.800m [K=1.0000]  
 Remarks:

LED Avg.L Report

Test:U:120.00V I:0.0661A P:7.6382W PF:0.9624 Freq:59.98Hz Lamp Flux:531.009x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 3500K
MFR.:	SUR.: 0.135	Shielding Angle:

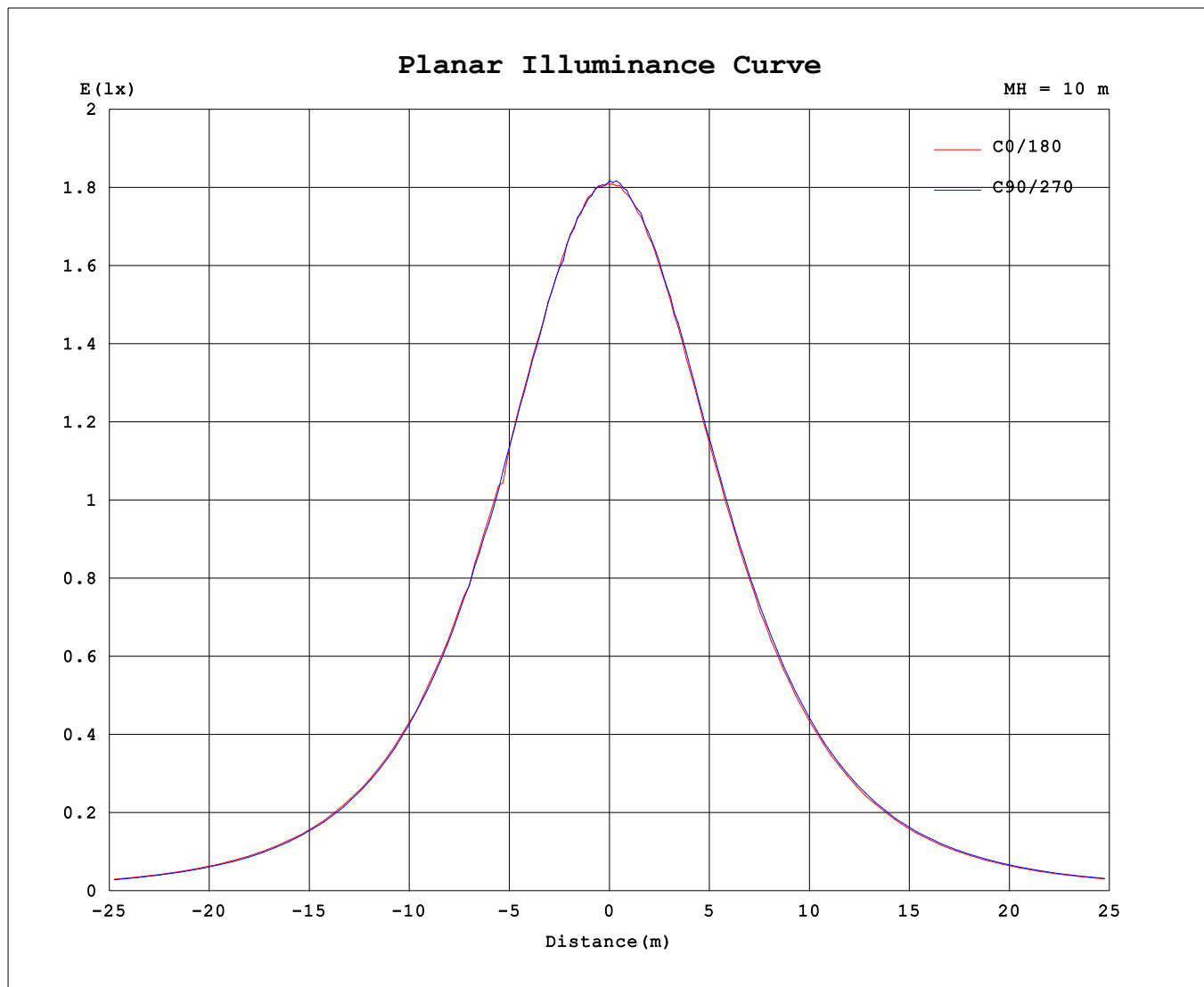
AvgL	cd/m2
L_0~180 (65) av	11130
L_0~180 (75) av	10160
L_0~180 (85) av	8467
L_90~270 (65) av	11079
L_90~270 (75) av	10044
L_90~270 (85) av	7674
L_45 (65) av	11104
L_45 (75) av	10098
L_45 (85) av	8000

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-03

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity:65.0%  
 Test Distance:8.800m [K=1.0000]  
 Remarks:

### Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature: 25.3DEG  
Operators:  
Test Date: 2025-12-03

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
Humidity: 65.0%  
Test Distance: 8.800m [K=1.0000]  
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.00V I:0.0661A P:7.6382W PF:0.9624 Freq:59.98Hz Lamp Flux:531.009x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 3500K
MFR.:	SUR.: 0.135	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	90	180	270															
0	181	181	181	181															
5	181	180	181	181															
10	178	177	179	178															
15	174	174	175	175															
20	169	167	170	170															
25	163	161	163	164															
30	154	151	155	156															
35	143	142	146	147															
40	134	132	135	137															
45	122	120	123	125															
50	109	107	111	112															
55	95.6	93.2	97.1	98.5															
60	81.6	79.1	83.0	85.0															
65	66.7	64.2	67.8	69.7															
70	51.9	49.2	53.1	55.0															
75	36.9	34.4	38.3	39.9															
80	22.9	20.7	24.0	25.5															
85	9.97	8.10	11.1	11.0															
90	0.03	0.07	0.35	0.71															
95	0.00	0.03	0.01	0.00															
100	0.00	0.03	0.02	0.00															
105	0.00	0.05	0.04	0.00															
110	0.02	0.08	0.09	0.02															
115	0.04	0.11	0.12	0.06															
120	0.08	0.15	0.16	0.10															
125	0.11	0.18	0.20	0.14															
130	0.14	0.22	0.24	0.18															
135	0.17	0.24	0.27	0.21															
140	0.20	0.28	0.30	0.26															
145	0.22	0.30	0.34	0.28															
150	0.25	0.31	0.37	0.31															
155	0.28	0.35	0.40	0.34															
160	0.30	0.37	0.41	0.36															
165	0.33	0.41	0.44	0.38															
170	0.38	0.44	0.48	0.40															
175	0.42	0.44	0.49	0.41															
180	0.42	0.45	0.47	0.42															

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-03

γ Range: 0 - 180DEG  
 γ Interval: 1.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.454  
 Humidity:65.0%  
 Test Distance:8.800m [K=1.0000]  
 Remarks:

## Photometric Data Table [cd]

G/C	0.0	90.0	180.0	270.0
0.0	181.3	181.3	181.3	181.3
3.0	181.7	180.5	181.8	181.4
6.0	181.0	179.7	180.7	180.0
9.0	179.1	178.4	179.5	179.5
12.0	176.9	176.3	177.6	177.3
15.0	174.4	173.6	175.1	174.8
18.0	171.2	170.0	171.6	171.6
21.0	168.2	166.5	168.0	169.3
24.0	163.9	162.6	164.5	164.8
27.0	156.8	157.7	159.8	160.9
30.0	153.9	151.2	154.7	156.1
33.0	148.9	146.3	149.4	150.4
36.0	143.1	141.1	143.8	144.9
39.0	136.3	134.3	136.7	138.8
42.0	130.0	127.3	130.8	132.0
45.0	122.4	120.4	123.5	125.0
48.0	114.8	112.6	115.9	117.8
51.0	106.8	104.7	108.2	110.0
54.0	99.00	96.38	100.2	101.9
57.0	90.01	87.92	91.29	93.15
60.0	81.62	79.14	82.96	84.97
63.0	72.50	70.21	74.10	75.62
66.0	63.61	61.35	65.15	66.79
69.0	54.71	52.33	55.96	57.99
72.0	45.75	43.32	47.17	48.75
75.0	36.95	34.40	38.26	39.95
78.0	28.50	26.00	29.45	31.21
81.0	20.18	17.83	21.44	23.00
84.0	12.44	10.41	13.62	13.53
87.0	5.377	3.656	6.379	5.440
90.0	0.0343	0.0716	0.3506	0.7140
93.0	0.0001	0.0330	0.0055	0
96.0	0	0.0276	0.0055	0
99.0	0	0.0276	0.0166	0
102.0	0	0.0331	0.0222	0
105.0	0	0.0496	0.0443	0
108.0	0.0055	0.0717	0.0665	0.0110
111.0	0.0221	0.0827	0.0887	0.0275
114.0	0.0441	0.1048	0.1218	0.0496
117.0	0.0663	0.1268	0.1330	0.0771
120.0	0.0829	0.1489	0.1606	0.1047
123.0	0.0996	0.1710	0.1828	0.1213
126.0	0.1272	0.1875	0.2050	0.1433
129.0	0.1384	0.2096	0.2348	0.1763
132.0	0.1495	0.2315	0.2581	0.1874
135.0	0.1716	0.2415	0.2715	0.2094
138.0	0.1993	0.2548	0.2880	0.2369
141.0	0.1994	0.2701	0.3103	0.2591
144.0	0.2215	0.2867	0.3269	0.2756
147.0	0.2381	0.3087	0.3490	0.2921
150.0	0.2546	0.3142	0.3655	0.3087
153.0	0.2658	0.3407	0.3768	0.3252
156.0	0.2879	0.3539	0.3988	0.3395
159.0	0.3045	0.3694	0.4099	0.3528
162.0	0.3157	0.3914	0.4199	0.3693
165.0	0.3324	0.4135	0.4431	0.3803
168.0	0.3544	0.4361	0.4597	0.3968
171.0	0.3876	0.4377	0.4801	0.4024
174.0	0.4152	0.4394	0.4909	0.4188
177.0	0.4209	0.4410	0.4652	0.4134
180.0	0.4209	0.4465	0.4652	0.4189

C Range: 0 - 360DEG  
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