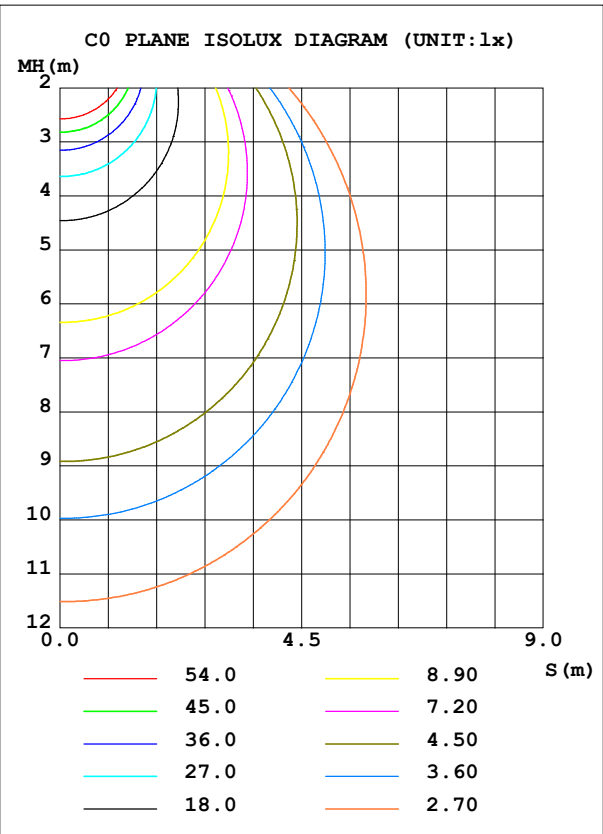
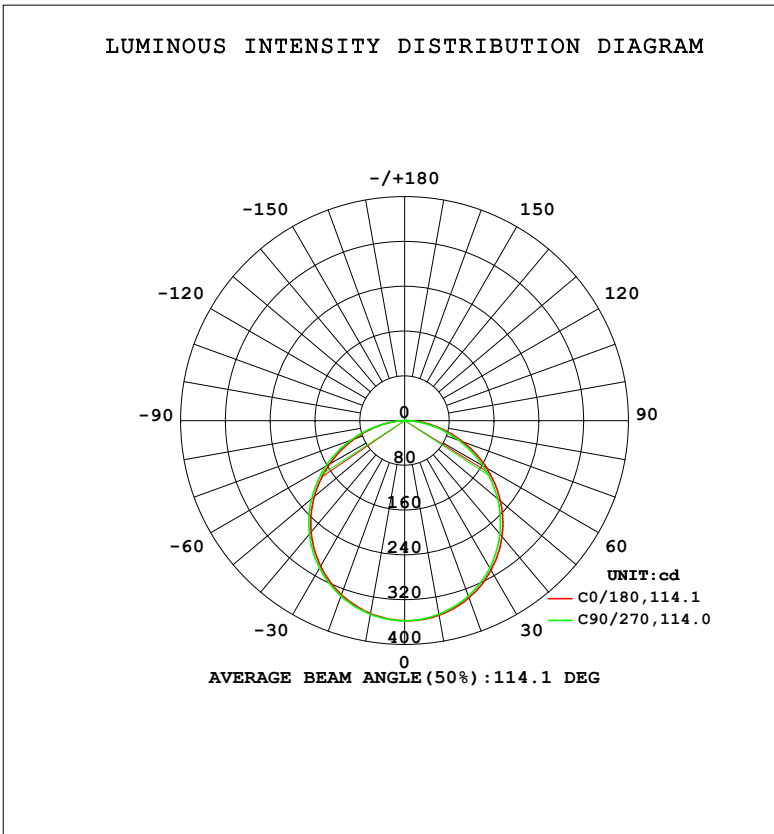


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:119.99V I:0.1064A P:12.611W PF:0.9882 Freq:59.98Hz Lamp Flux:1046.98x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2700K
MFR.:	SUR.: 0.176	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL	BRMF07LAJD4WH_2700K	Imax (cd)	357.5	S/MH (C0/180)	1.25
NOMINAL POWER (W)	12	LOR (%)	100.0	S/MH (C90/270)	1.27
RATED VOLTAGE (V)	120	TOTAL FLUX (lm)	1047.0	η UP, DN (C0-180)	0.1,50.9
NOMINAL FLUX (lm)	1046.98	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.1,48.9
LAMPS INSIDE	1	η up (%)	0.2	CIBSE SHR NOM	1.25
TEST VOLTAGE (V)	120	η 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:2025-12-04

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:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

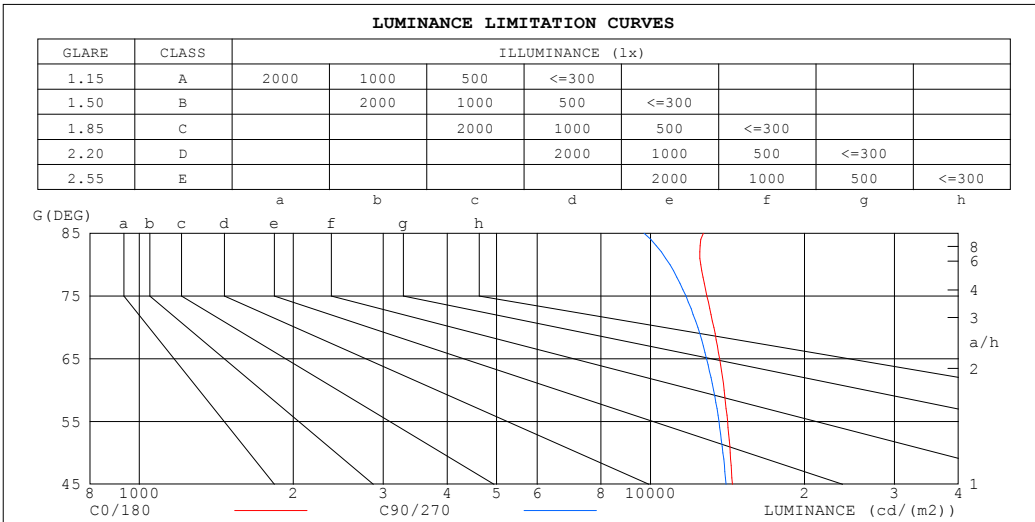
$\gamma$	C0	C90	C180	C270					$\gamma$	$\Phi$ zone	$\Phi$ total	%lum,lamp
10	353.1	351.3	350.1	351.3					0- 10	33.83	33.83	3.23,3.23
20	336.5	333.6	331.3	333.3					10- 20	97.08	130.9	12.5,12.5
30	308.6	304.2	300.4	304.0					20- 30	147.6	278.5	26.6,26.6
40	270.5	264.9	259.9	264.9					30- 40	178.8	457.3	43.7,43.7
50	223.4	216.7	210.7	216.6					40- 50	186.6	643.9	61.5,61.5
60	169.0	161.6	154.7	162.1					50- 60	169.8	813.7	77.7,77.7
70	110.4	103.0	95.51	102.7					60- 70	131.2	944.9	90.2,90.2
80	52.82	46.13	39.29	39.65					70- 80	77.37	1022	97.6,97.6
90	4.387	0.0442	0.0276	0.2460					80- 90	22.22	1044	99.8,99.8
100	0.0441	0.0886	0.1270	0.0718					90-100	0.1381	1045	99.8,99.8
110	0.1488	0.2269	0.2706	0.2211					100-110	0.1532	1045	99.8,99.8
120	0.2868	0.3764	0.4305	0.3651					110-120	0.2892	1045	99.8,99.8
130	0.4192	0.5091	0.5685	0.5254					120-130	0.3903	1045	99.9,99.9
140	0.5296	0.6087	0.6954	0.6472					130-140	0.4361	1046	99.9,99.9
150	0.6289	0.6861	0.8112	0.7689					140-150	0.4223	1046	99.9,99.9
160	0.7338	0.7912	0.9105	0.8575					150-160	0.3573	1047	100,100
170	0.8442	0.8907	0.9690	0.9404					160-170	0.2449	1047	100,100
180	0.9546	0.9626	0.9767	0.9737					170-180	0.0890	1047	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:2025-12-04

$\gamma$  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:119.99V I:0.1064A P:12.611W PF:0.9882 Freq:59.98Hz Lamp Flux:1046.98x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2700K
MFR.:	SUR.: 0.176	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	12681	9720
80	12534	10917
75	12888	11733
70	13297	12375
65	13650	12874
60	13924	13285
55	14147	13609
50	14319	13856
45	14454	14051

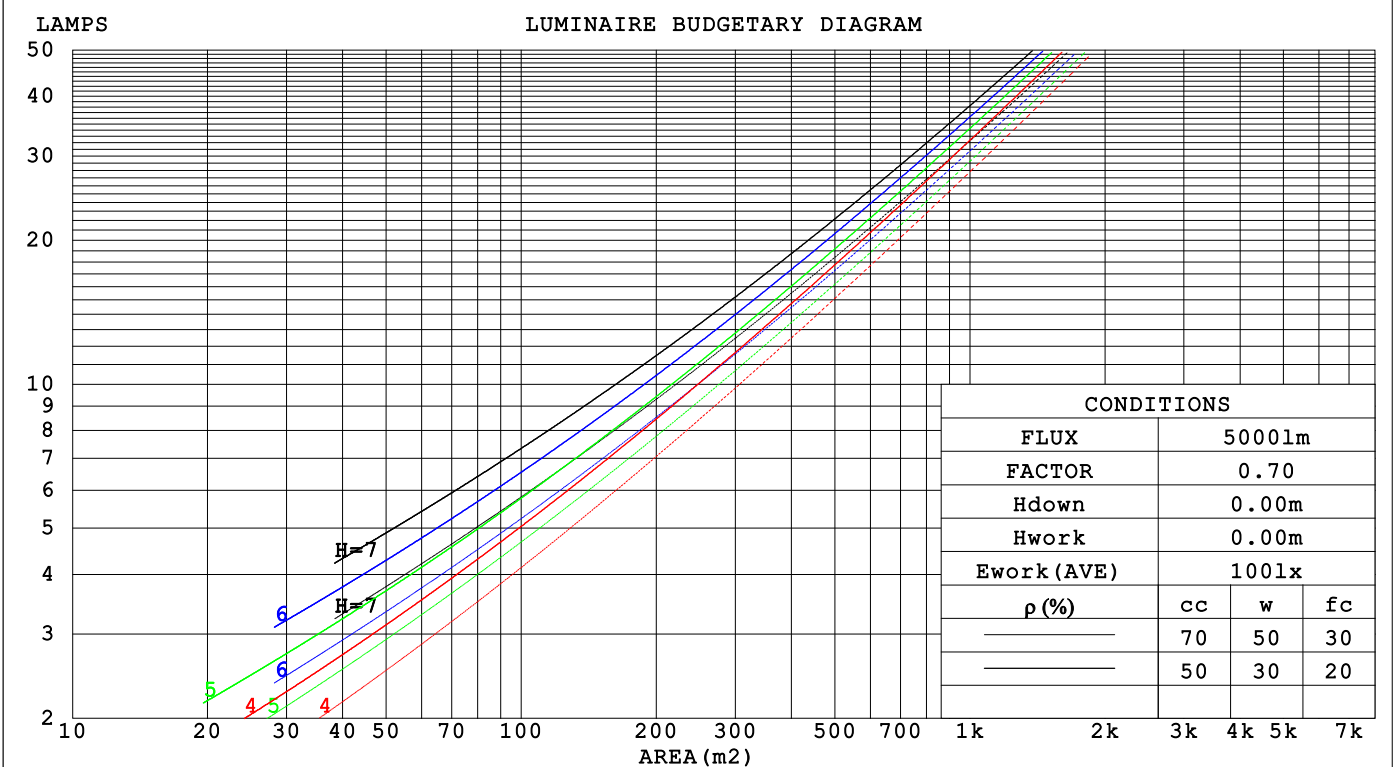
C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-04

$\gamma$  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:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:119.99V I:0.1064A P:12.611W PF:0.9882 Freq:59.98Hz Lamp Flux:1046.98x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2700K
MFR.:	SUR.: 0.176	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	.53	.46	.59	.51	.46	.57	.50	.45	.55	.49	.45	.42
6.0	.56	.47	.40	.55	.46	.40	.53	.46	.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	.29	.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:2025-12-04

$\gamma$  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:119.99V I:0.1064A P:12.611W PF:0.9882 Freq:59.98Hz		
Lamp Flux:1046.98x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2700K
MFR.:	SUR.: 0.176	Shielding Angle:

ρ <sub>CC</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients (WEC)									
0.0																
1.0	.315	.179	.057	.308	.176	.056	.295	.169	.054	.282	.163	.052	.271	.157	.051	
2.0	.295	.162	.050	.289	.159	.049	.277	.154	.048	.266	.149	.047	.256	.145	.046	
3.0	.273	.145	.043	.267	.143	.043	.257	.139	.042	.247	.135	.042	.238	.132	.041	
4.0	.251	.131	.038	.246	.129	.038	.237	.126	.038	.228	.123	.037	.220	.120	.036	
5.0	.232	.118	.034	.228	.117	.034	.219	.114	.034	.212	.112	.033	.205	.109	.033	
6.0	.215	.108	.031	.211	.107	.031	.204	.104	.030	.197	.102	.030	.190	.100	.030	
7.0	.200	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.178	.092	.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	

ρ <sub>CC</sub>	80%			70%			50%			30%			10%			0
ρ <sub>w</sub>	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ <sub>fc</sub>	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	.183	.158	.136	.156	.136	.117	.107	.093	.081	.061	.054	.047	.020	.017	.015	
2.0	.175	.134	.099	.150	.115	.086	.102	.080	.060	.059	.046	.035	.019	.015	.011	
3.0	.167	.116	.076	.143	.100	.066	.098	.070	.046	.057	.041	.027	.018	.013	.009	
4.0	.159	.103	.060	.137	.089	.052	.094	.062	.037	.054	.036	.022	.017	.012	.007	
5.0	.152	.093	.049	.130	.080	.042	.090	.056	.030	.052	.033	.018	.017	.011	.006	
6.0	.145	.084	.041	.124	.073	.036	.086	.051	.025	.050	.030	.015	.016	.010	.005	
7.0	.138	.077	.035	.118	.067	.030	.082	.047	.022	.048	.028	.013	.015	.009	.004	
8.0	.131	.072	.030	.113	.062	.027	.078	.044	.019	.045	.026	.011	.015	.008	.004	
9.0	.125	.067	.027	.108	.058	.024	.075	.041	.017	.044	.024	.010	.014	.008	.003	
10.0	.119	.062	.024	.103	.054	.021	.071	.038	.015	.042	.022	.009	.014	.007	.003	

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-04

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:

UGR(Unified Glare Rating) Table

Test:U:119.99V I:0.1064A P:12.611W PF:0.9882 Freq:59.98Hz Lamp Flux:1046.98x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2700K
MFR.:	SUR.: 0.176	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	22.2	23.7	22.4	23.9	24.1	22.0	23.5	22.3	23.7	24.0
3H	23.8	25.2	24.1	25.5	25.7	23.6	25.0	23.9	25.2	25.5
4H	24.5	25.9	24.8	26.1	26.4	24.2	25.6	24.5	25.8	26.1
6H	25.1	26.4	25.4	26.6	26.9	24.7	26.0	25.0	26.3	26.5
8H	25.3	26.5	25.6	26.8	27.1	24.9	26.1	25.2	26.4	26.7
12H	25.5	26.6	25.8	26.9	27.2	25.0	26.2	25.3	26.5	26.8
4H 2H	22.8	24.1	23.1	24.4	24.7	22.7	24.0	23.0	24.3	24.5
3H	24.6	25.8	25.0	26.1	26.4	24.4	25.6	24.8	25.9	26.2
4H	25.5	26.5	25.8	26.9	27.2	25.2	26.3	25.6	26.6	27.0
6H	26.2	27.1	26.6	27.5	27.9	25.8	26.8	26.2	27.1	27.5
8H	26.4	27.3	26.9	27.7	28.1	26.1	27.0	26.5	27.3	27.7
12H	26.7	27.5	27.1	27.9	28.3	26.2	27.0	26.6	27.4	27.8
8H 4H	25.8	26.6	26.2	27.0	27.4	25.5	26.4	25.9	26.8	27.2
6H	26.6	27.4	27.1	27.8	28.2	26.3	27.1	26.8	27.5	27.9
8H	27.0	27.7	27.5	28.1	28.6	26.6	27.3	27.1	27.7	28.2
12H	27.3	27.9	27.8	28.4	28.8	26.9	27.5	27.4	27.9	28.4
12H 4H	25.8	26.6	26.2	27.0	27.4	25.6	26.4	26.0	26.8	27.2
6H	26.7	27.4	27.2	27.8	28.2	26.4	27.1	26.9	27.5	28.0
8H	27.1	27.7	27.6	28.1	28.6	26.8	27.3	27.3	27.8	28.3

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	+ 0.1 / - 0.3	+ 0.1 / - 0.3

CIE Pub.117, 1047 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = 0.2)  
Area: 0.0243 m2

C Range: 0 - 360DEG  
C Interval: 90.0DEG  
Test Speed: HIGH  
Temperature:25.3DEG  
Operators:  
Test Date:2025-12-04

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:119.99V I:0.1064A P:12.611W PF:0.9882 Freq:59.98Hz Lamp Flux:1046.98x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2700K
MFR.:	SUR.: 0.176	Shielding Angle:

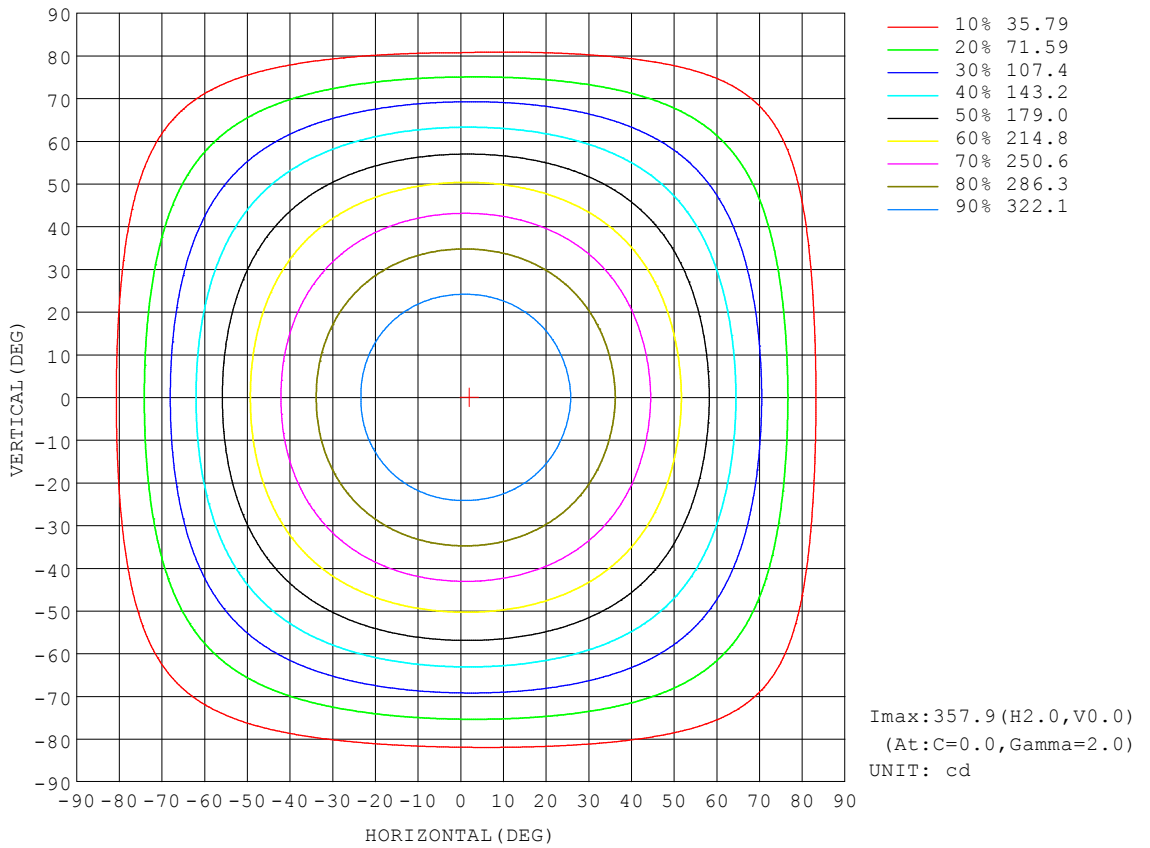
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	57	45	38	56	45	38	55	45	38	31
0.80	67	55	48	66	55	48	64	54	47	40
1.00	75	64	57	74	64	57	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	104	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:2025-12-04

$\gamma$  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:119.99V I:0.1064A P:12.611W PF:0.9882 Freq:59.98Hz Lamp Flux:1046.98x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2700K
MFR.:	SUR.: 0.176	Shielding Angle:

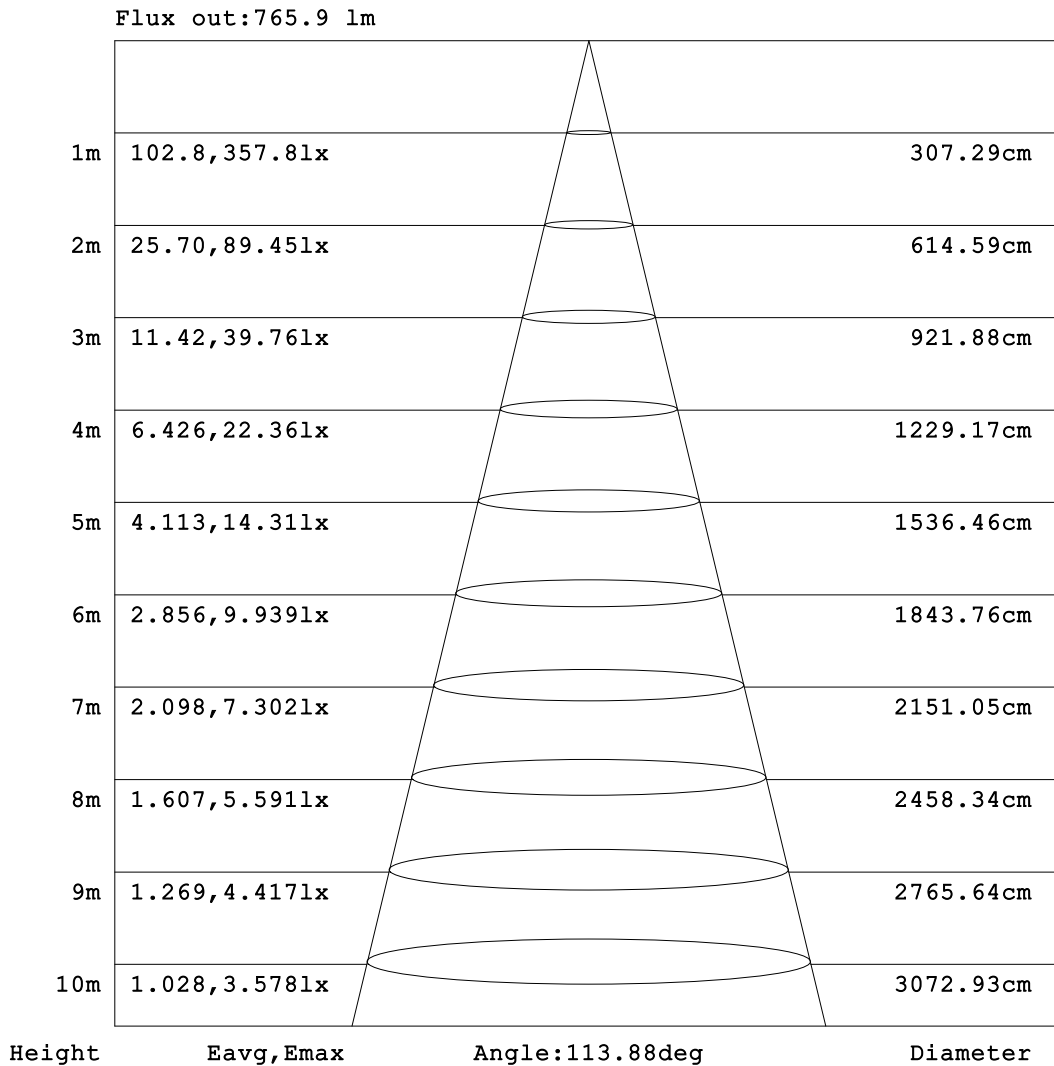


C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-04

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:119.99V I:0.1064A P:12.611W PF:0.9882 Freq:59.98Hz Lamp Flux:1046.98x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2700K
MFR.:	SUR.: 0.176	Shielding Angle:



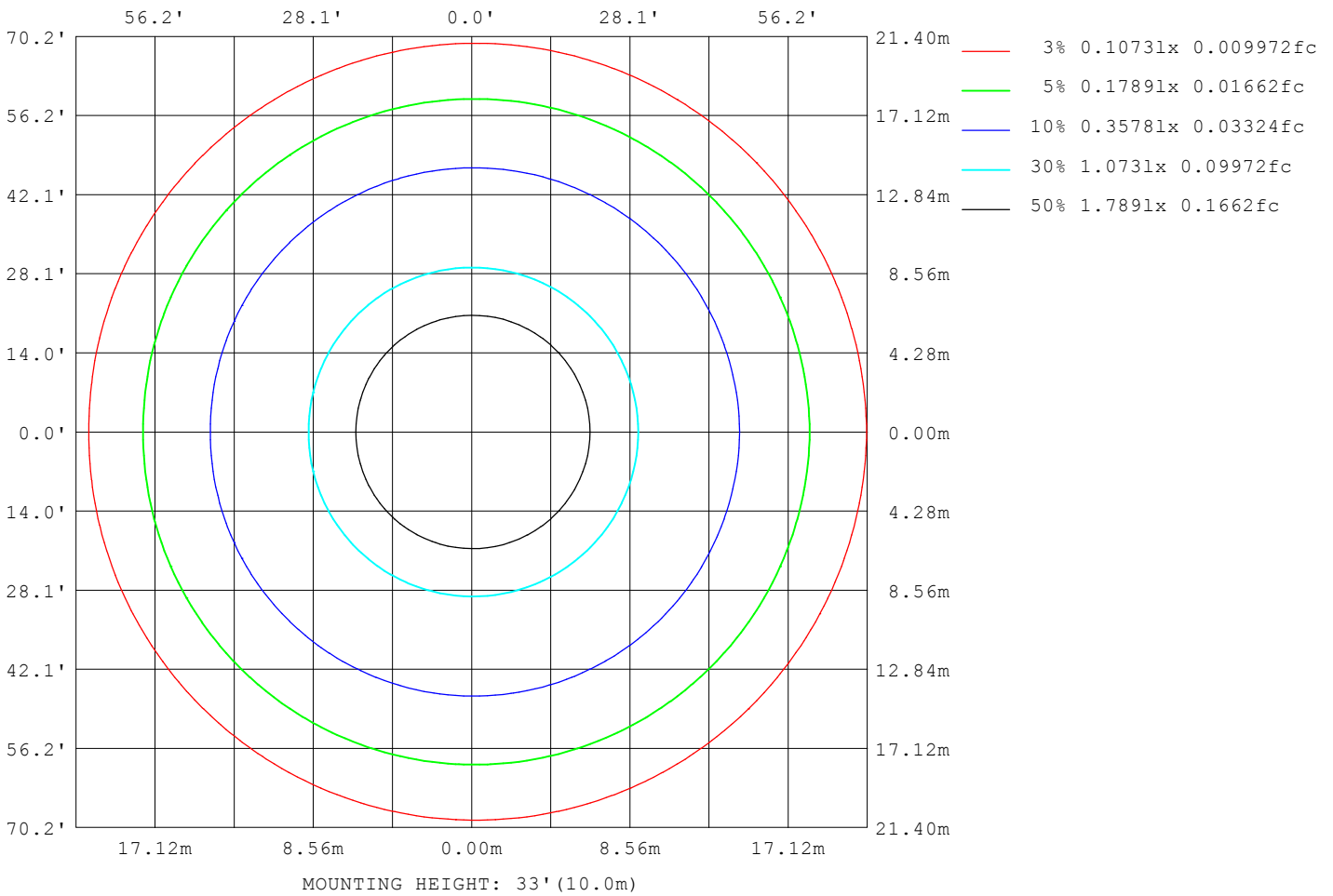
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-04

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:119.99V I:0.1064A P:12.611W PF:0.9882 Freq:59.98Hz Lamp Flux:1046.98x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2700K
MFR.:	SUR.: 0.176	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-04

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:119.99V I:0.1064A P:12.611W PF:0.9882 Freq:59.98Hz Lamp Flux:1046.98x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2700K
MFR.:	SUR.: 0.176	Shielding Angle:

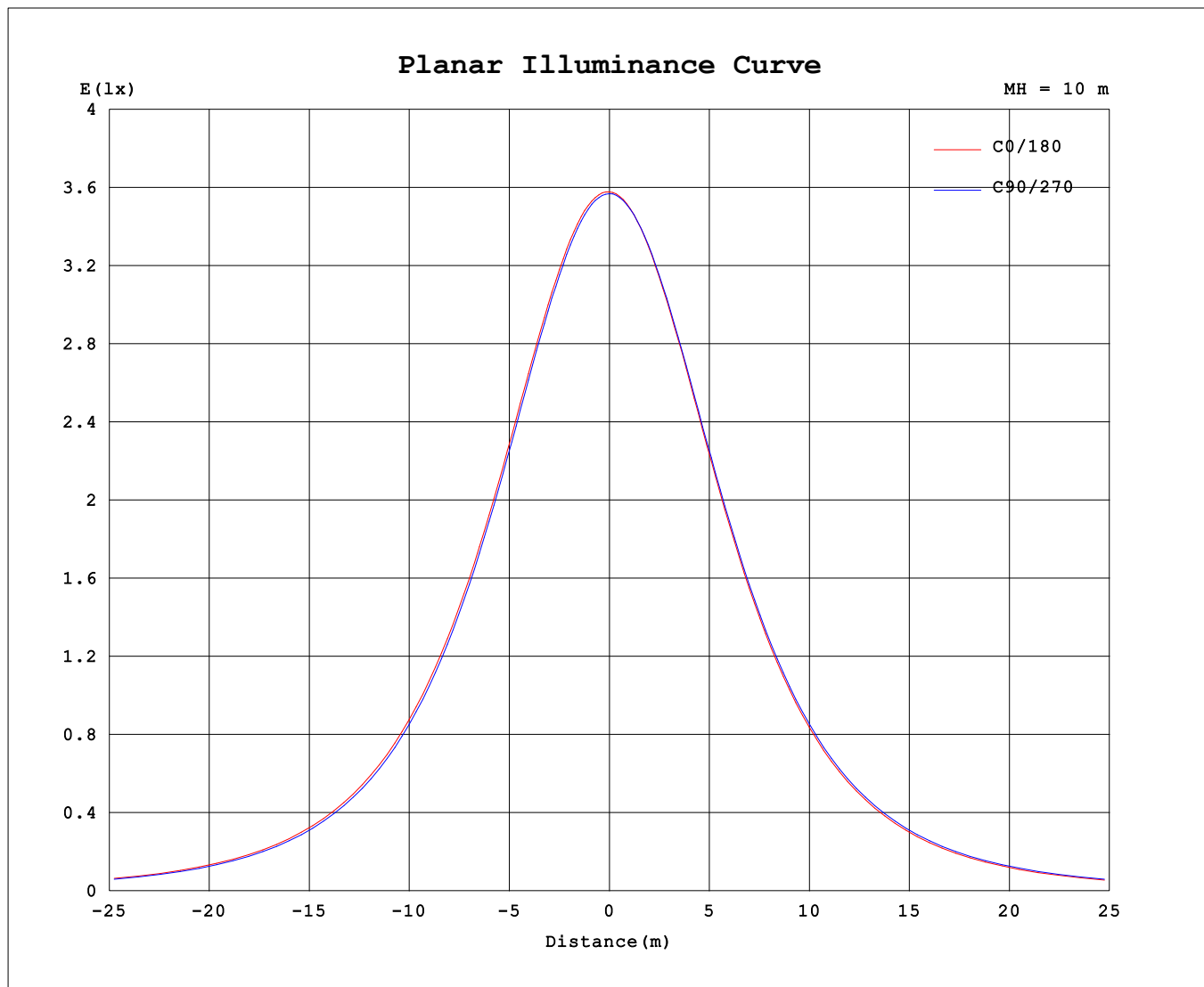
AvgL	cd/m2
L_0~180 (65) av	12911
L_0~180 (75) av	11724
L_0~180 (85) av	9797
L_90~270 (65) av	12920
L_90~270 (75) av	11571
L_90~270 (85) av	8582
L_45 (65) av	12872
L_45 (75) av	11557
L_45 (85) av	8859

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-04

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:2025-12-04

$\gamma$  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:119.99V I:0.1064A P:12.611W PF:0.9882 Freq:59.98Hz Lamp Flux:1046.98x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.: 2700K
MFR.:	SUR.: 0.176	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (DEG)	0	90	180	270															
0	357	357	357	357															
5	357	356	355	356															
10	353	351	350	351															
15	346	344	342	344															
20	336	334	331	333															
25	324	320	317	320															
30	309	304	300	304															
35	291	286	281	286															
40	270	265	260	265															
45	248	242	236	242															
50	223	217	211	217															
55	197	190	183	190															
60	169	162	155	162															
65	140	132	125	133															
70	110	103	95.5	103															
75	81.0	73.9	66.5	71.7															
80	52.8	46.1	39.3	39.6															
85	26.8	20.6	14.7	15.7															
90	4.39	0.04	0.03	0.25															
95	0.04	0.04	0.07	0.03															
100	0.04	0.09	0.13	0.07															
105	0.08	0.15	0.20	0.14															
110	0.15	0.23	0.27	0.22															
115	0.22	0.31	0.35	0.29															
120	0.29	0.38	0.43	0.37															
125	0.35	0.45	0.50	0.45															
130	0.42	0.51	0.57	0.53															
135	0.47	0.56	0.63	0.59															
140	0.53	0.61	0.70	0.65															
145	0.58	0.66	0.76	0.71															
150	0.63	0.69	0.81	0.77															
155	0.68	0.75	0.86	0.81															
160	0.73	0.79	0.91	0.86															
165	0.78	0.84	0.95	0.90															
170	0.84	0.89	0.97	0.94															
175	0.90	0.94	0.97	0.96															
180	0.95	0.96	0.98	0.97															

C Range: 0 - 360DEG  
 C Interval: 90.0DEG  
 Test Speed: HIGH  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2025-12-04

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	357.3	357.3	357.3	357.3
3.0	357.2	356.8	356.4	356.7
6.0	356.3	355.2	354.5	355.1
9.0	353.9	352.3	351.3	352.4
12.0	350.7	348.6	347.0	348.6
15.0	346.2	343.7	341.8	343.8
18.0	340.7	337.9	335.6	337.9
21.0	334.1	331.0	328.5	330.9
24.0	326.7	323.0	320.0	322.9
27.0	318.3	314.0	310.7	314.0
30.0	308.6	304.2	300.4	304.0
33.0	298.3	293.5	289.2	293.2
36.0	286.9	281.9	277.3	281.6
39.0	274.9	269.3	264.3	269.1
42.0	261.8	255.9	250.7	255.8
45.0	248.0	241.7	236.3	241.9
48.0	233.4	227.0	221.1	226.9
51.0	218.2	211.5	205.3	211.5
54.0	202.3	195.4	188.9	195.5
57.0	185.8	178.8	172.0	178.9
60.0	169.0	161.6	154.7	162.1
63.0	151.7	144.1	137.1	144.8
66.0	134.1	126.5	119.2	127.0
69.0	116.3	108.8	101.4	108.7
72.0	98.49	91.13	83.77	90.67
75.0	80.95	73.89	66.52	71.66
78.0	63.91	56.93	49.87	51.92
81.0	47.40	40.73	34.14	34.22
84.0	31.80	25.47	19.26	19.18
87.0	17.35	11.42	6.135	8.227
90.0	4.387	0.0442	0.0276	0.2460
93.0	0.0442	0.0332	0.0443	0.0332
96.0	0.0441	0.0499	0.0774	0.0332
99.0	0.0441	0.0830	0.1105	0.0553
102.0	0.0441	0.1108	0.1601	0.0940
105.0	0.0826	0.1496	0.2043	0.1437
108.0	0.1266	0.1993	0.2431	0.1825
111.0	0.1654	0.2436	0.2926	0.2323
114.0	0.2095	0.2824	0.3368	0.2875
117.0	0.2427	0.3321	0.3809	0.3317
120.0	0.2868	0.3764	0.4305	0.3651
123.0	0.3254	0.4151	0.4693	0.4148
126.0	0.3695	0.4648	0.5133	0.4591
129.0	0.4027	0.4980	0.5575	0.5033
132.0	0.4468	0.5311	0.5961	0.5475
135.0	0.4744	0.5588	0.6294	0.5864
138.0	0.5021	0.5975	0.6788	0.6195
141.0	0.5406	0.6197	0.7065	0.6637
144.0	0.5628	0.6528	0.7505	0.7025
147.0	0.5958	0.6640	0.7781	0.7357
150.0	0.6289	0.6861	0.8112	0.7689
153.0	0.6620	0.7194	0.8389	0.7911
156.0	0.6951	0.7525	0.8774	0.8242
159.0	0.7282	0.7801	0.8996	0.8519
162.0	0.7612	0.8078	0.9162	0.8850
165.0	0.7835	0.8354	0.9546	0.9018
168.0	0.8221	0.8631	0.9668	0.9294
171.0	0.8497	0.8963	0.9701	0.9515
174.0	0.8883	0.9295	0.9734	0.9560
177.0	0.9214	0.9626	0.9767	0.9626
180.0	0.9546	0.9626	0.9767	0.9737

C Range: 0 - 360DEG  
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