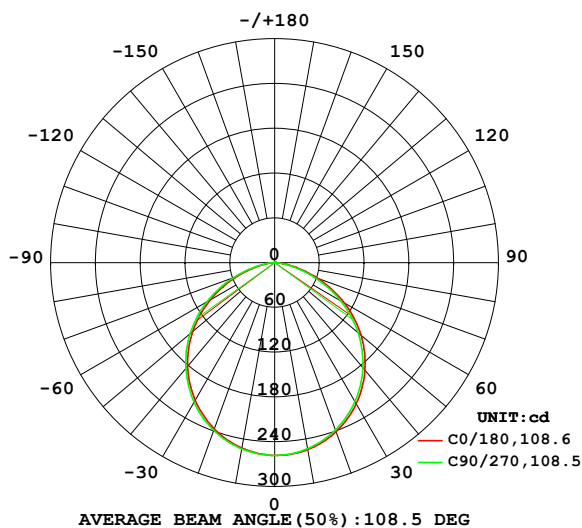


LUMINAIRE PHOTOMETRIC TEST REPORT

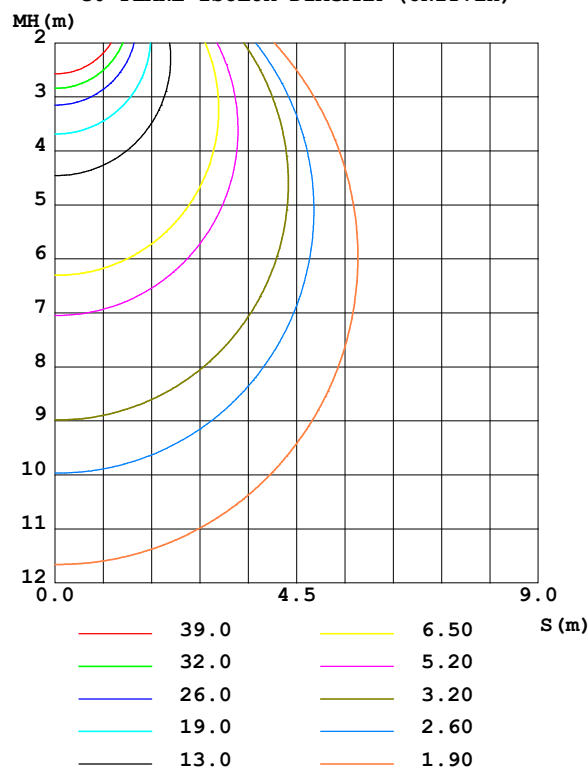
Test:U:120.13V I:0.0892A P:9.7828W PF:0.9128 Freq:59.98Hz Lamp Flux:690.412x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 70.57 lm/W
MOBIL5-DL04-9W120-5CCT 5000K		Imax (cd)	258.2	S/MH(C0/180)	1.23	
NOMINAL POWER(W)	9W	LOR(%)	100.0	S/MH(C90/270)	1.24	
RATED VOLTAGE(V)	120	TOTAL FLUX(lm)	690.41	η UP,DN(C0-180)	0.1,50.4	
NOMINAL FLUX(lm)	690.412	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.1,49.4	
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	

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-06

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:

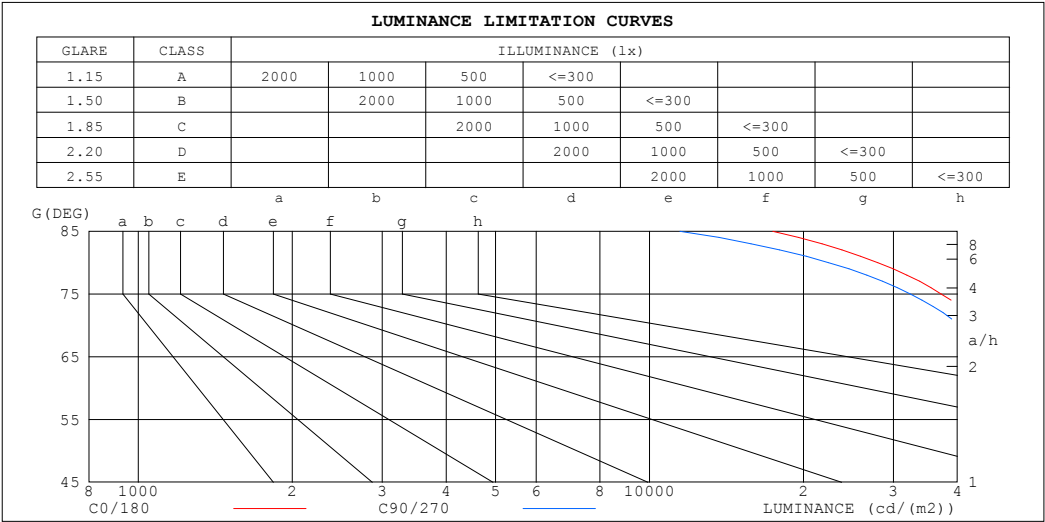
γ	C0	C90	C180	C270					γ	Φ zone	Φ total	%lum, lamp
10	254.4	253.2	252.3	253.5					0- 10	24.41	24.41	3.54,3.54
20	241.0	238.6	237.0	239.1					10- 20	69.76	94.18	13.6,13.6
30	218.5	215.1	212.9	216.0					20- 30	105.2	199.3	28.9,28.9
40	188.2	184.0	181.5	185.2					30- 40	125.7	325.1	47.1,47.1
50	151.1	146.1	143.3	147.9					40- 50	128.5	453.5	65.7,65.7
60	107.7	102.2	99.40	104.7					50- 60	112.4	565.9	82,82
70	60.89	55.37	53.00	58.21					60- 70	79.29	645.2	93.5,93.5
80	19.42	15.55	14.11	17.39					70- 80	37.44	682.7	98.9,98.9
90	0.6028	0.1096	0.0984	0.3447					80- 90	6.407	689.1	99.8,99.8
100	0	0.0001	0.0112	0					90-100	0.0288	689.1	99.8,99.8
110	0.0220	0.0885	0.1216	0.0496					100-110	0.0319	689.1	99.8,99.8
120	0.1160	0.1935	0.2321	0.1656					110-120	0.1207	689.2	99.8,99.8
130	0.2209	0.2929	0.3427	0.2706					120-130	0.2060	689.5	99.9,99.9
140	0.3038	0.3812	0.4367	0.3811					130-140	0.2546	689.7	99.9,99.9
150	0.3812	0.4531	0.5305	0.4641					140-150	0.2606	690.0	99.9,99.9
160	0.4640	0.5194	0.6078	0.5414					150-160	0.2278	690.2	100,100
170	0.5359	0.5857	0.6575	0.5967					160-170	0.1592	690.4	100,100
180	0.6464	0.6464	0.6575	0.6464					170-180	0.0584	690.4	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:2024-06-06

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 γ 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:120.13V I:0.0892A P:9.7828W PF:0.9128 Freq:59.98Hz Lamp Flux:690.412x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:



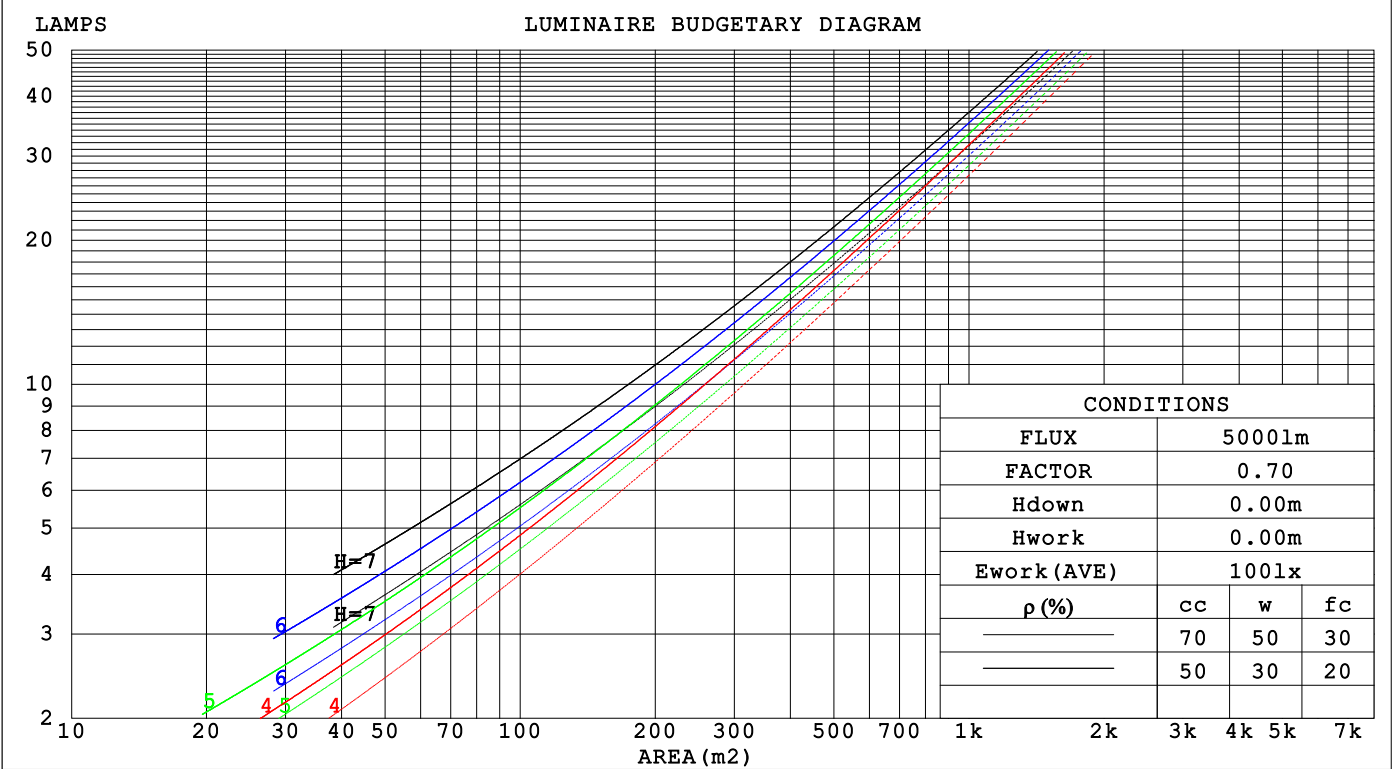
LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	17428	11469
80	27965	22380
75	37210	32399
70	44504	40469
65	49934	46586
60	53863	51100
55	56696	54369
50	58778	56808
45	60287	58625

C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 90.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.800m [K=1.0000]
Test Date:2024-06-06	Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:120.13V I:0.0892A P:9.7828W PF:0.9128 Freq:59.98Hz		
Lamp Flux:690.412x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:

pcc	80%			70%			50%			30%			10%			0
ρw	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρfc	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	1.05	1.01	.97	1.03	.99	.96	.98	.95	.93	.94	.92	.90	.91	.89	.87	.85
2.0	.92	.85	.80	.90	.84	.79	.86	.81	.77	.83	.79	.75	.80	.77	.74	.71
3.0	.81	.73	.67	.79	.72	.66	.76	.70	.65	.74	.68	.64	.71	.67	.63	.61
4.0	.72	.63	.57	.71	.63	.56	.68	.61	.56	.66	.60	.55	.63	.58	.54	.52
5.0	.64	.55	.49	.63	.55	.49	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45
6.0	.58	.49	.43	.57	.49	.43	.55	.48	.42	.53	.47	.42	.52	.46	.41	.39
7.0	.53	.44	.38	.52	.44	.38	.50	.43	.37	.49	.42	.37	.47	.41	.37	.35
8.0	.48	.40	.34	.47	.39	.34	.46	.39	.33	.45	.38	.33	.43	.37	.33	.31
9.0	.44	.36	.30	.43	.36	.30	.42	.35	.30	.41	.35	.30	.40	.34	.30	.28
10.0	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25



C Range: 0 - 360DEG

C Interval: 90.0DEG

Test Speed: HIGH

Temperature:25.3DEG

Operators:

Test Date:2024-06-06

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:

WEC AND CCEC

Test:U:120.13V I:0.0892A P:9.7828W PF:0.9128 Freq:59.98Hz Lamp Flux:690.412x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	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	.289	.165	.052	.282	.161	.051	.269	.154	.049	.257	.148	.048	.246	.142	.046															
2.0	.278	.152	.047	.271	.149	.046	.260	.144	.045	.249	.140	.044	.239	.135	.043															
3.0	.260	.138	.041	.254	.136	.041	.244	.132	.040	.234	.128	.039	.225	.125	.039															
4.0	.241	.125	.037	.236	.124	.037	.227	.121	.036	.219	.118	.035	.211	.115	.035															
5.0	.224	.114	.033	.220	.113	.033	.212	.110	.032	.204	.108	.032	.197	.105	.032															
6.0	.209	.105	.030	.205	.104	.030	.198	.101	.029	.191	.099	.029	.185	.097	.029															
7.0	.195	.096	.027	.192	.095	.027	.185	.094	.027	.179	.092	.027	.173	.090	.026															
8.0	.182	.089	.025	.179	.088	.025	.174	.087	.025	.168	.085	.025	.163	.084	.024															
9.0	.171	.083	.023	.169	.082	.023	.163	.081	.023	.158	.079	.023	.154	.078	.023															
10.0	.161	.077	.021	.159	.077	.021	.154	.076	.021	.150	.074	.021	.146	.073	.021															

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	.192	.192	.192	.164	.164	.164	.112	.112	.112	.064	.064	.064	.021	.021	.021	
1.0	.180	.158	.137	.154	.135	.118	.106	.093	.082	.061	.054	.048	.019	.017	.015	
2.0	.172	.133	.101	.147	.115	.088	.101	.079	.061	.058	.046	.036	.019	.015	.012	
3.0	.164	.116	.077	.141	.100	.067	.097	.069	.047	.056	.041	.028	.018	.013	.009	
4.0	.156	.102	.061	.134	.088	.053	.092	.062	.037	.053	.036	.022	.017	.012	.007	
5.0	.149	.092	.050	.128	.079	.043	.088	.056	.030	.051	.033	.018	.016	.011	.006	
6.0	.142	.083	.041	.122	.072	.036	.084	.051	.025	.049	.030	.015	.016	.010	.005	
7.0	.135	.077	.035	.117	.066	.031	.081	.047	.022	.047	.027	.013	.015	.009	.004	
8.0	.129	.071	.031	.111	.061	.027	.077	.043	.019	.045	.025	.011	.014	.008	.004	
9.0	.123	.066	.027	.106	.057	.024	.074	.040	.017	.043	.024	.010	.014	.008	.003	
10.0	.118	.062	.024	.101	.053	.021	.070	.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:2024-06-06

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:120.13V I:0.0892A P:9.7828W PF:0.9128 Freq:59.98Hz Lamp Flux:690.412x1 lm											
NAME:					TYPE:			WEIGHT:			
SPEC.:					DIM.:			SERIAL No.:			
MFR.:					SUR.: 0.071			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		28.2	29.7	28.5	29.9	30.1	28.0	29.5	28.3	29.7	29.9
3H		29.5	30.9	29.8	31.1	31.3	29.2	30.6	29.5	30.8	31.1
4H		29.9	31.2	30.2	31.5	31.7	29.6	30.9	29.9	31.1	31.4
6H		30.1	31.4	30.5	31.6	31.9	29.8	31.0	30.1	31.2	31.5
8H		30.2	31.4	30.5	31.6	31.9	29.8	30.9	30.1	31.2	31.5
12H		30.2	31.3	30.5	31.6	31.9	29.7	30.9	30.1	31.2	31.5
4H 2H		28.7	30.0	29.0	30.3	30.5	28.6	29.9	28.9	30.1	30.4
3H		30.2	31.3	30.5	31.6	31.9	29.9	31.1	30.3	31.4	31.7
4H		30.7	31.7	31.1	32.0	32.4	30.4	31.4	30.8	31.8	32.1
6H		31.0	31.9	31.4	32.3	32.6	30.6	31.5	31.0	31.9	32.3
8H		31.1	31.9	31.5	32.3	32.7	30.7	31.5	31.1	31.9	32.3
12H		31.1	31.9	31.5	32.2	32.7	30.7	31.4	31.1	31.8	32.2
8H 4H		30.8	31.7	31.3	32.1	32.4	30.6	31.4	31.0	31.8	32.2
6H		31.2	31.9	31.7	32.3	32.8	30.9	31.6	31.3	32.0	32.4
8H		31.3	32.0	31.8	32.4	32.8	31.0	31.6	31.4	32.0	32.5
12H		31.4	31.9	31.9	32.4	32.9	31.0	31.5	31.5	32.0	32.4
12H 4H		30.8	31.6	31.2	32.0	32.4	30.6	31.3	31.0	31.7	32.1
6H		31.2	31.9	31.7	32.3	32.7	30.9	31.5	31.4	31.9	32.4
8H		31.4	31.9	31.8	32.3	32.8	31.0	31.5	31.5	32.0	32.4
Variations with the observer position at spacings(CIE Pub.117):											
S = 1.0H		+ 0.2 / - 0.3					+ 0.2 / - 0.3				
1.5H		+ 0.2 / - 0.4					+ 0.2 / - 0.4				
2.0H		+ 0.3 / - 0.3					+ 0.3 / - 0.4				

CIE Pub.117, 690.4 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.3)
Area: 0.004 m2

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-06

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:120.13V I:0.0892A P:9.7828W PF:0.9128 Freq:59.98Hz Lamp Flux:690.412x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:

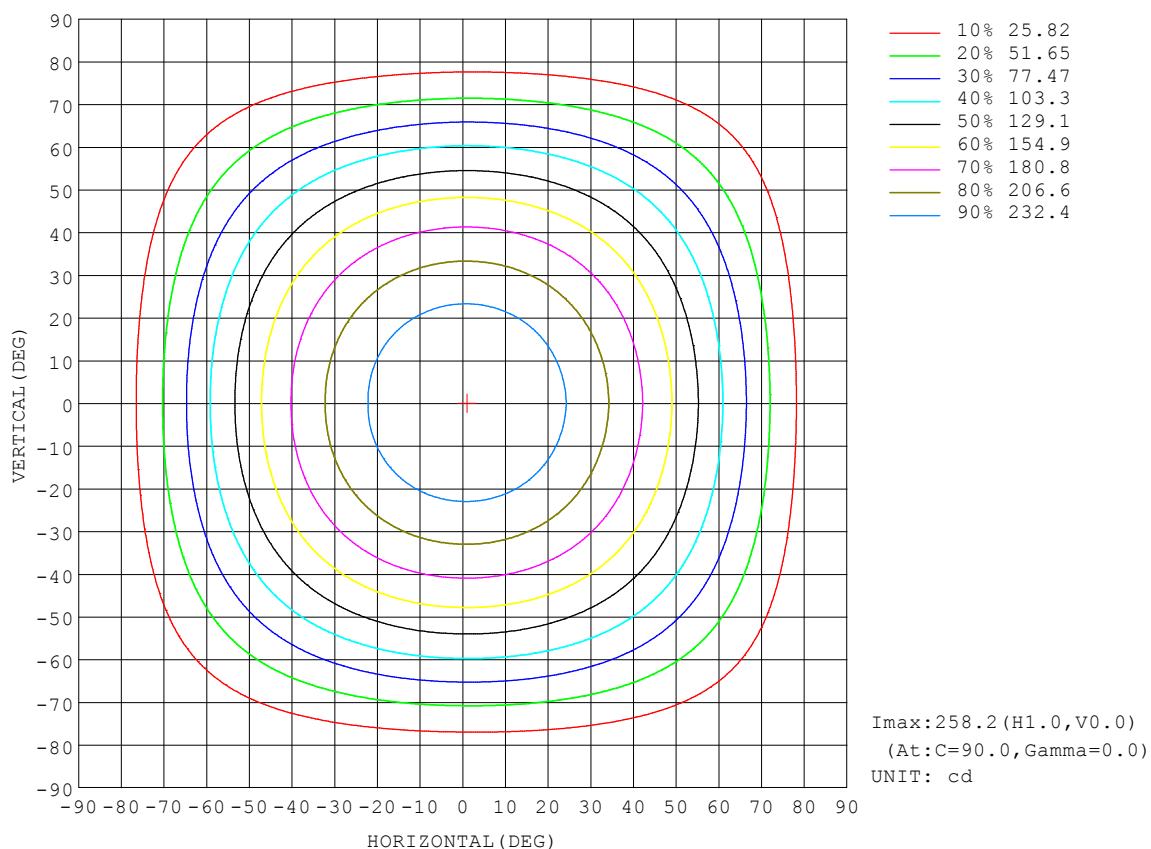
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	59	47	41	58	47	40	57	47	40	34
0.80	69	58	50	68	57	50	66	56	50	43
1.00	78	67	60	76	66	59	74	67	59	52
1.25	85	75	68	83	74	67	81	72	66	59
1.50	90	80	73	88	79	73	85	77	72	65
2.00	96	88	82	94	87	81	91	85	80	72
2.50	100	93	87	98	91	86	94	89	84	76
3.00	103	97	92	101	95	91	97	92	88	80
4.00	107	102	97	105	100	96	101	97	93	85
5.00	109	105	101	107	103	99	102	99	96	87
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: 2024-06-06

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:

ISOCANDELA DIAGRAM

Test:U:120.13V I:0.0892A P:9.7828W PF:0.9128 Freq:59.98Hz Lamp Flux:690.412x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:

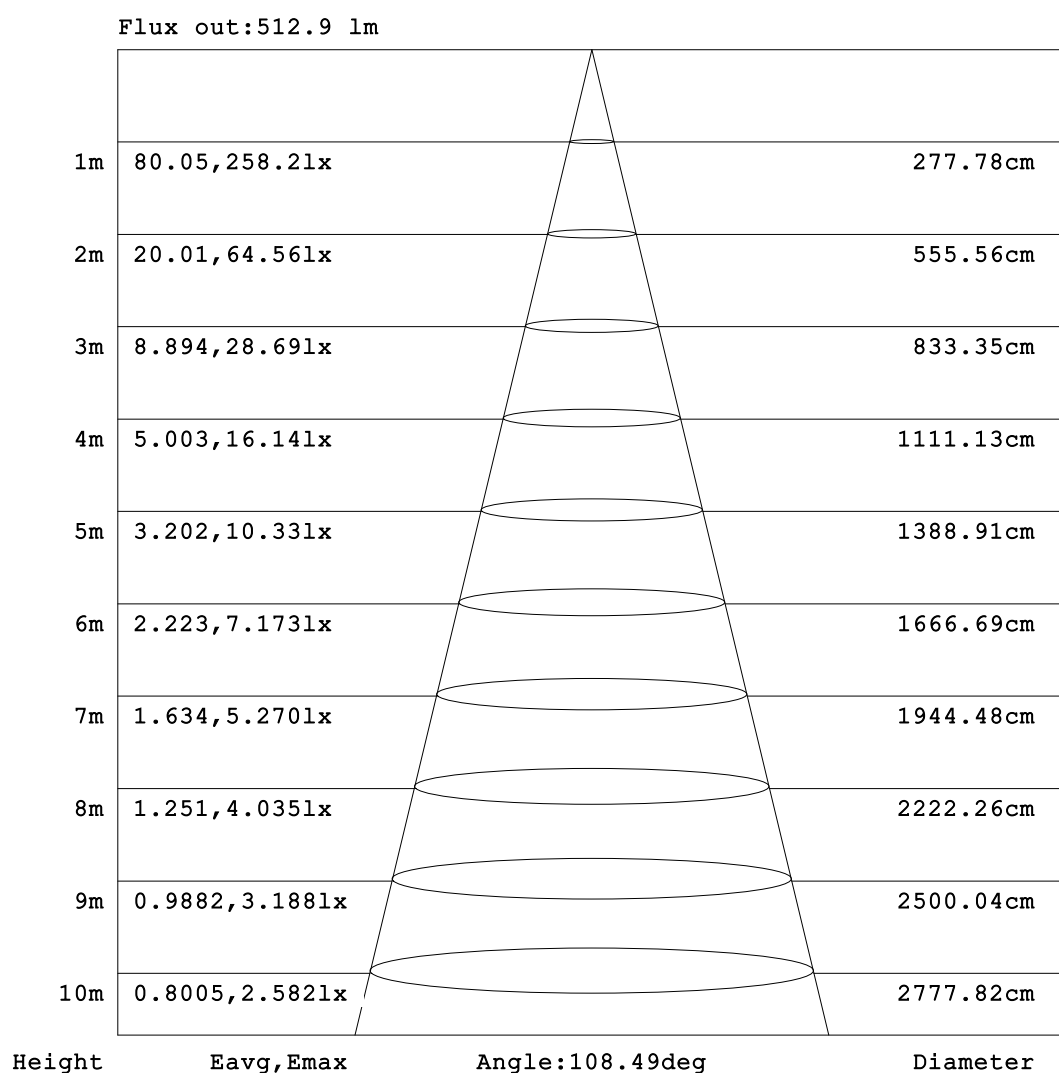


C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-06

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:120.13V I:0.0892A P:9.7828W PF:0.9128 Freq:59.98Hz Lamp Flux:690.412x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:



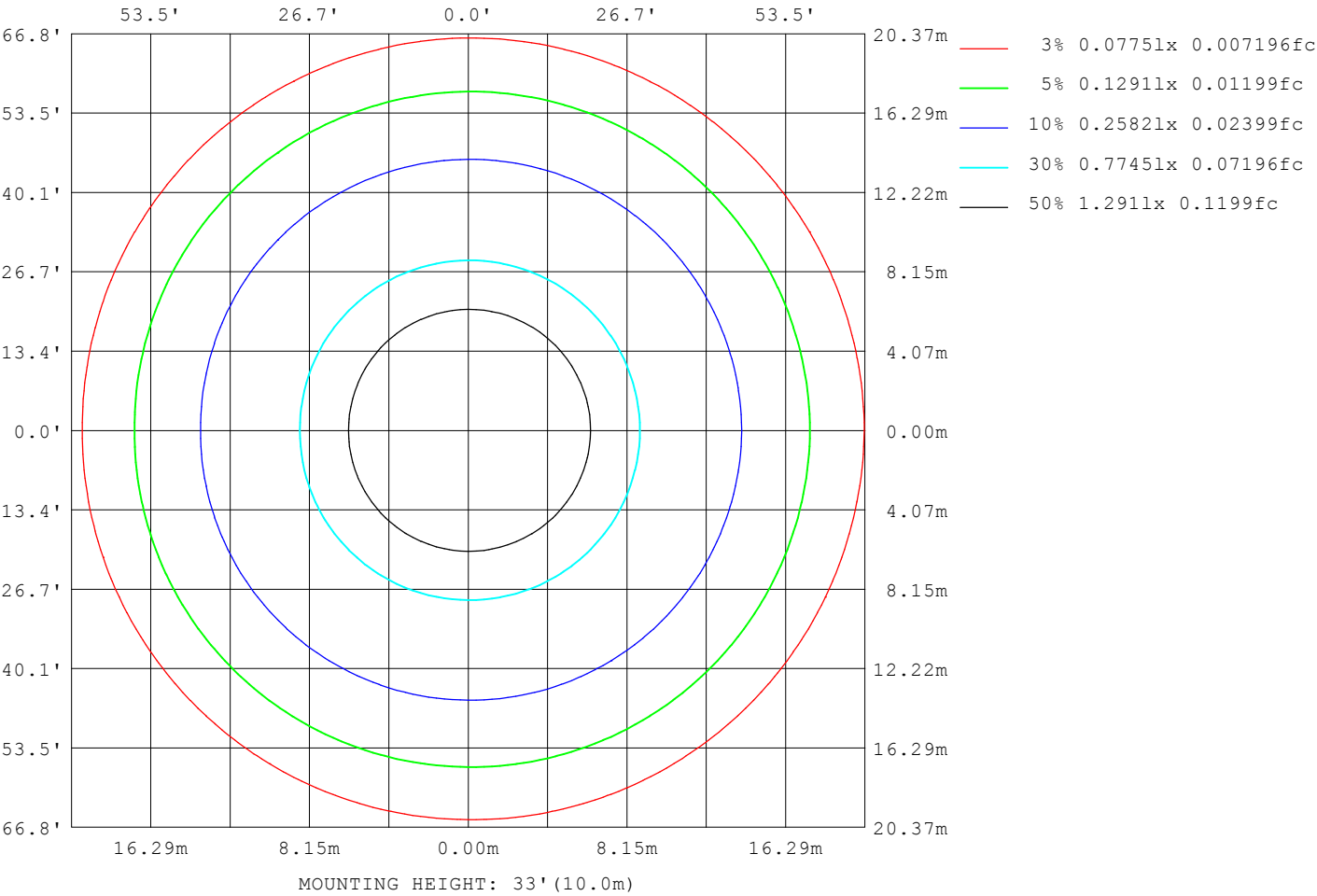
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-06

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:120.13V I:0.0892A P:9.7828W PF:0.9128 Freq:59.98Hz Lamp Flux:690.412x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:



C Range: 0 - 360DEG	γ Range: 0 - 180DEG
C Interval: 90.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.800m [K=1.0000]
Test Date:2024-06-06	Remarks:

LED Avg.L Report

Test:U:120.13V I:0.0892A P:9.7828W PF:0.9128 Freq:59.98Hz Lamp Flux:690.412x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:

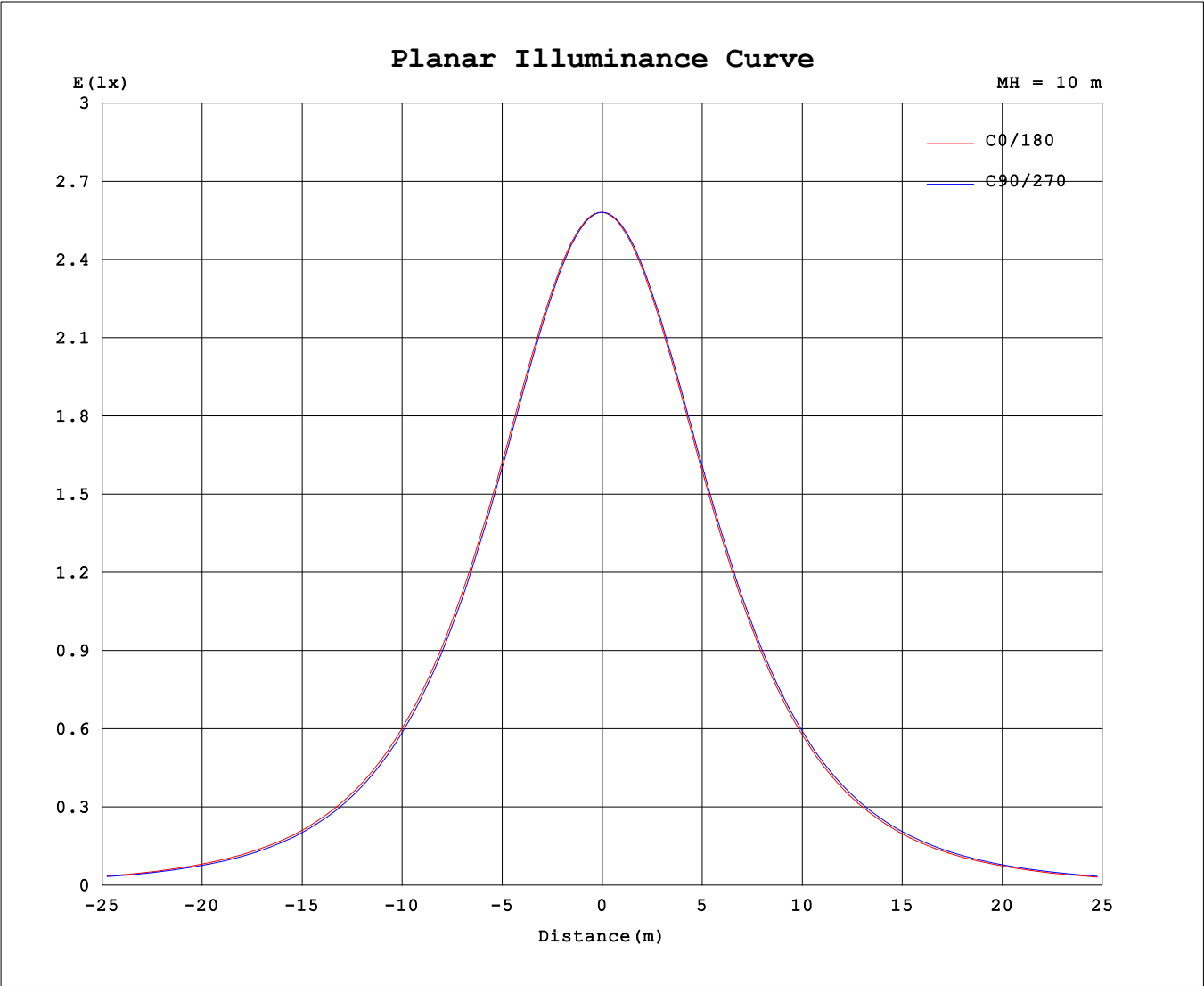
AvgL	cd/m2
L_0~180 (65) av	47483
L_0~180 (75) av	33844
L_0~180 (85) av	13210
L_90~270 (65) av	47421
L_90~270 (75) av	33616
L_90~270 (85) av	12567
L_45 (65) av	47291
L_45 (75) av	33491
L_45 (85) av	12545

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-06

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	γ Range: 0 - 180DEG
C Interval: 90.0DEG	γ Interval: 1.0DEG
Test Speed: HIGH	Test System:EVERFINE GO-2000B_V1 SYSTEM V2.00.454
Temperature:25.3DEG	Humidity:65.0%
Operators:	Test Distance:8.800m [K=1.0000]
Test Date:2024-06-06	Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:120.13V I:0.0892A P:9.7828W PF:0.9128 Freq:59.98Hz Lamp Flux:690.412x1 lm		
NAME:	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.:	SUR.: 0.071	Shielding Angle:

Table--1

UNIT: cd

C (DEG) γ (DEG)	0	90	180	270														
0	258	258	258	258														
5	257	257	256	257														
10	254	253	252	253														
15	249	247	246	247														
20	241	239	237	239														
25	231	228	226	229														
30	219	215	213	216														
35	204	200	198	201														
40	188	184	181	185														
45	171	166	163	167														
50	151	146	143	148														
55	130	125	122	127														
60	108	102	99.4	105														
65	84.4	78.8	76.1	81.6														
70	60.9	55.4	53.0	58.2														
75	38.5	33.5	31.6	36.1														
80	19.4	15.5	14.1	17.4														
85	6.08	4.00	3.13	4.76														
90	0.60	0.11	0.10	0.34														
95	0.00	0.00	0.00	0.00														
100	0.00	0.00	0.01	0.00														
105	0.00	0.04	0.06	0.00														
110	0.02	0.09	0.12	0.05														
115	0.07	0.14	0.17	0.10														
120	0.12	0.19	0.23	0.17														
125	0.18	0.25	0.29	0.22														
130	0.22	0.29	0.34	0.27														
135	0.27	0.34	0.39	0.33														
140	0.30	0.38	0.44	0.38														
145	0.34	0.41	0.49	0.42														
150	0.38	0.45	0.53	0.46														
155	0.41	0.49	0.57	0.50														
160	0.46	0.52	0.61	0.54														
165	0.50	0.55	0.64	0.57														
170	0.54	0.59	0.66	0.60														
175	0.57	0.62	0.66	0.64														
180	0.65	0.65	0.66	0.65														

C Range: 0 - 360DEG
C Interval: 90.0DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2024-06-06

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
γ 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	258.2	258.2	258.2	258.2
3.0	258.0	257.8	257.4	257.8
6.0	257.0	256.5	255.8	256.5
9.0	255.2	254.3	253.3	254.3
12.0	252.5	251.0	250.0	251.3
15.0	248.8	247.0	245.8	247.5
18.0	244.4	242.3	240.7	242.7
21.0	239.0	236.5	234.9	237.1
24.0	233.0	230.1	228.3	230.9
27.0	226.1	223.0	221.0	223.8
30.0	218.5	215.1	212.9	216.0
33.0	210.2	206.6	204.2	207.5
36.0	201.2	197.4	194.9	198.3
39.0	191.6	187.5	185.0	188.5
42.0	181.3	177.0	174.4	178.2
45.0	170.5	165.8	163.2	167.3
48.0	159.0	154.2	151.4	155.8
51.0	147.0	141.9	139.2	143.8
54.0	134.4	129.1	126.3	131.2
57.0	121.2	115.8	113.0	118.2
60.0	107.7	102.2	99.40	104.7
63.0	93.78	88.21	85.46	90.92
66.0	79.66	74.05	71.43	76.85
69.0	65.57	59.99	57.60	62.87
72.0	51.72	46.34	44.09	49.12
75.0	38.52	33.54	31.55	36.06
78.0	26.51	22.13	20.46	24.31
81.0	16.18	12.68	11.29	14.28
84.0	8.180	5.719	4.694	6.685
87.0	2.956	1.696	1.138	1.945
90.0	0.6028	0.1096	0.0984	0.3447
93.0	0	0	0	0.0002
96.0	0	0	0	0
99.0	0	0	0.0056	0
102.0	0	0.0167	0.0277	0
105.0	0	0.0443	0.0610	0
108.0	0.0055	0.0665	0.0995	0.0275
111.0	0.0276	0.0995	0.1217	0.0607
114.0	0.0607	0.1382	0.1604	0.0938
117.0	0.0938	0.1659	0.1990	0.1270
120.0	0.1160	0.1935	0.2321	0.1656
123.0	0.1491	0.2266	0.2654	0.1988
126.0	0.1823	0.2543	0.2984	0.2265
129.0	0.2099	0.2874	0.3262	0.2596
132.0	0.2375	0.3150	0.3593	0.2927
135.0	0.2705	0.3426	0.3923	0.3314
138.0	0.2872	0.3538	0.4256	0.3591
141.0	0.3148	0.3814	0.4531	0.3812
144.0	0.3315	0.4089	0.4807	0.4089
147.0	0.3592	0.4310	0.5029	0.4474
150.0	0.3812	0.4531	0.5305	0.4641
153.0	0.4033	0.4643	0.5525	0.4917
156.0	0.4308	0.4918	0.5747	0.5083
159.0	0.4529	0.5139	0.5968	0.5359
162.0	0.4805	0.5360	0.6243	0.5525
165.0	0.4972	0.5526	0.6354	0.5745
168.0	0.5194	0.5637	0.6520	0.5911
171.0	0.5414	0.5912	0.6575	0.6022
174.0	0.5689	0.6133	0.6575	0.6298
177.0	0.5911	0.6355	0.6575	0.6410
180.0	0.6464	0.6464	0.6575	0.6464

C Range: 0 - 360DEG
 C Interval: 90.0DEG
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 Operators:
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 γ Interval: 1.0DEG
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