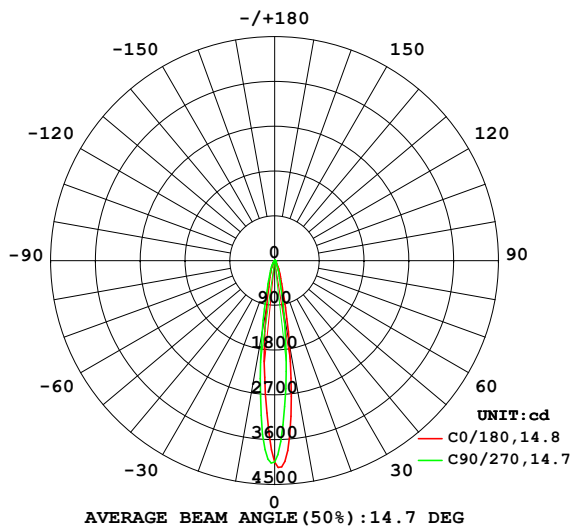


## LUMINAIRE PHOTOMETRIC TEST REPORT

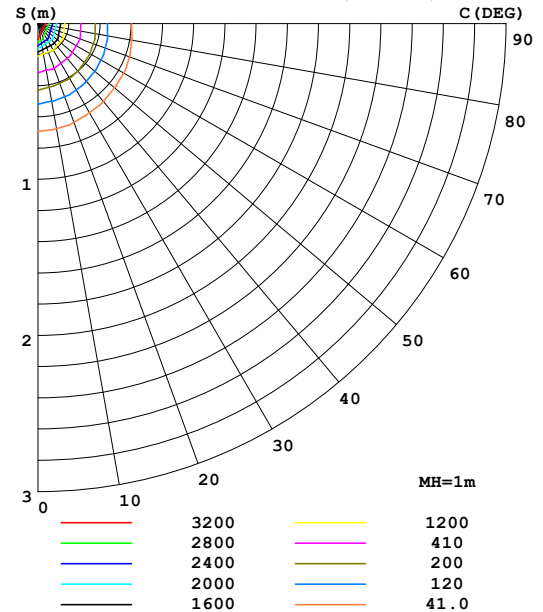
Test:U:240.3V I:0.0273A P:5.7W PF:0.8748 Freq:49.99Hz		
UTHDi:0.16% ITHDi:23.76% KDisp:0.9001 Lamp Flux:512.09lx1 lm		
NAME: MD16-06-XX-01 2700K RA90 15D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 89.12 lm/W			
MODEL		Imax (cd)	4157	S/MH (C0/180)	0.21
NOMINAL POWER(W)	6	LOR (%)	100.0	S/MH (C90/270)	0.28
RATED VOLTAGE(V)	240	TOTAL FLUX(lm)	512.09	$\eta$ UP,DN (C0-180)	0.0,49.4
NOMINAL FLUX(lm)	512.091	CIE CLASS	DIRECT	$\eta$ UP,DN (C180-360)	0.0,50.6
LAMPS INSIDE	1	$\eta$ up (%)	0.0	CIBSE SHR NOM	0.00
TEST VOLTAGE(V)	240.22	$\eta$ down (%)	100.0	CIBSE SHR MAX	0.25

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



PLANAR ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-03

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

## ZONAL FLUX DIAGRAM

## ZONAL FLUX DIAGRAM:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	$\Phi$ zone	$\Phi$ total	%lum, lamp
10	1739	1429	1081	931.7	959.7	1155	1472	1724	0- 10	222.7	222.7	43.5,43.5
20	341.2	285.1	231.1	216.8	229.0	251.5	295.4	339.6	10- 20	158.1	380.8	74.4,74.4
30	124.9	97.88	73.41	69.30	75.30	84.04	100.8	120.9	20- 30	76.69	457.5	89.3,89.3
40	38.14	27.42	20.71	19.36	21.36	22.99	28.39	35.65	30- 40	33.01	490.5	95.8,95.8
50	10.60	8.330	6.917	6.671	7.273	7.481	8.170	9.716	40- 50	11.59	502.1	98,98
60	4.870	4.638	4.120	4.057	4.223	4.253	4.281	4.455	50- 60	5.158	507.2	99,99
70	2.645	2.523	2.198	2.033	2.109	2.286	2.470	2.509	60- 70	3.328	510.6	99.7,99.7
80	0.4098	0.3549	0.3187	0.2916	0.2975	0.3261	0.3808	0.3965	70- 80	1.345	511.9	100,100
90	0.0579	0	0.0151	0.0019	0.0013	0	0.0180	0.0557	80- 90	0.1957	512.1	100,100
100									90-100			
110									100-110			
120									110-120			
130									120-130			
140									130-140			
150									140-150			
160									150-160			
170									160-170			
180									170-180			
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 497.74 lm

%lum = 97.2%

%lamp = 97.2%

Conical surface Flux(120deg): 507.22 lm

%lum = 99.0%

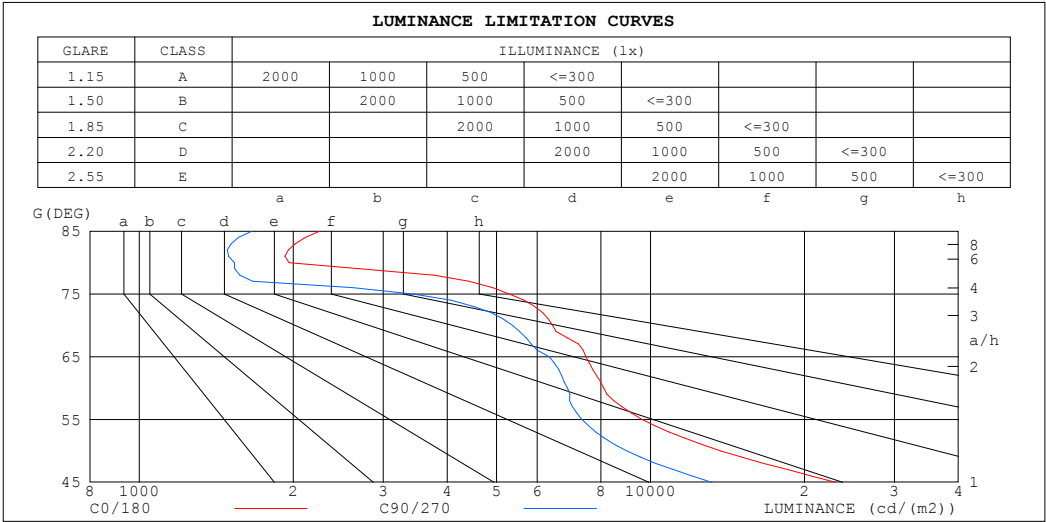
%lamp = 99.0%

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-03

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:240.3V I:0.0273A P:5.7W PF:0.8748 Freq:49.99Hz		
UTHDi:0.16% ITHDi:23.76% KDisp:0.9001 Lamp Flux:512.09lx1 lm		
NAME: MD16-06-XX-01 2700K RA90 15D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	2252	1659
80	1963	1533
75	5292	3435
70	6434	5368
65	7477	6336
60	8103	6883
55	9628	7346
50	13717	8988
45	23024	13172

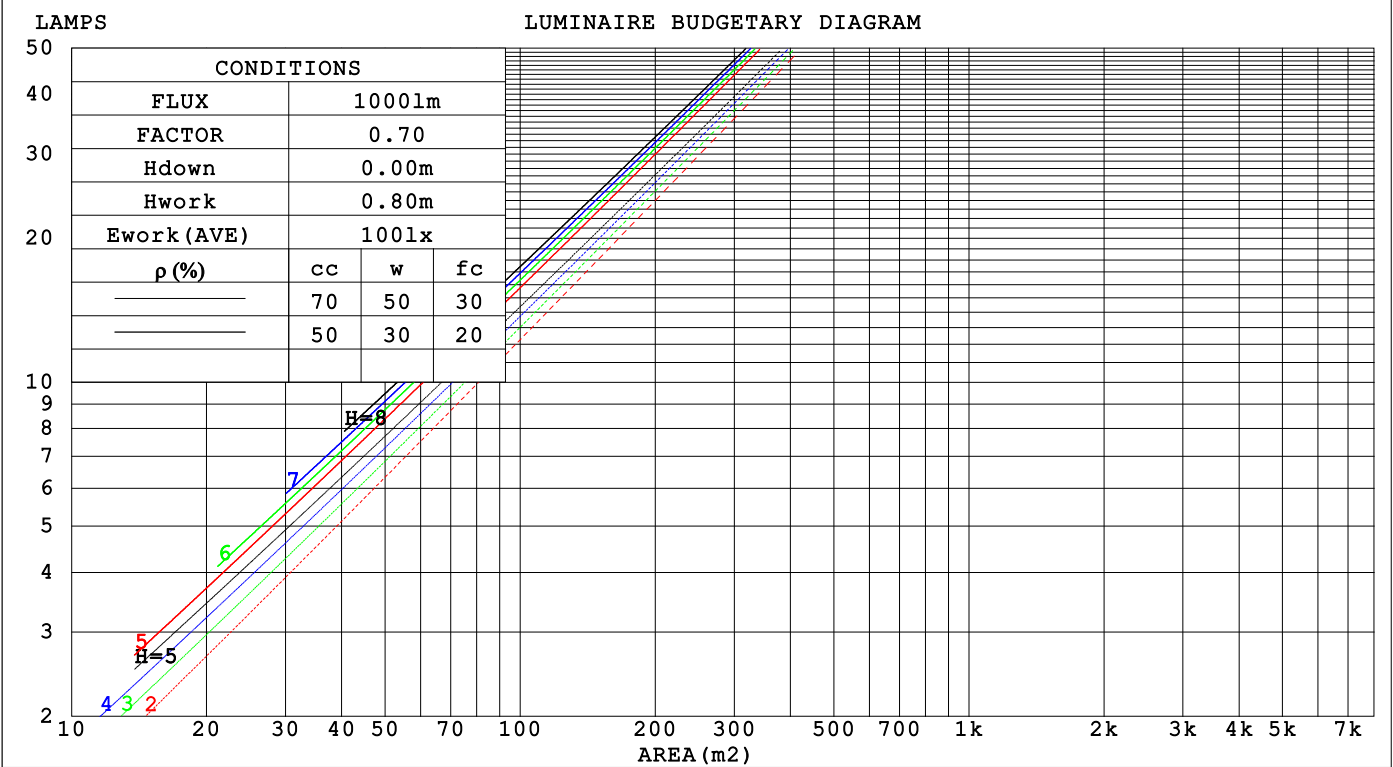
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-03

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:240.3V I:0.0273A P:5.7W PF:0.8748 Freq:49.99Hz		
UTHDi:0.16% ITHDi:23.76% KDisp:0.9001		
Lamp Flux:512.09lx1 lm		
NAME: MD16-06-XX-01 2700K RA90 15D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	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	1.00
1.0	1.13	1.11	1.09	1.11	1.09	1.07	1.07	1.05	1.04	1.03	1.02	1.01	.00	.99	.98	.96
2.0	1.07	1.04	1.02	1.06	1.03	1.00	1.02	1.00	.98	.00	.98	.96	.97	.96	.94	.93
3.0	1.02	.99	.96	1.01	.98	.95	.99	.96	.94	.96	.94	.92	.94	.92	.91	.90
4.0	.98	.94	.91	.97	.94	.91	.95	.92	.90	.93	.91	.89	.92	.90	.88	.87
5.0	.95	.91	.87	.94	.90	.87	.92	.89	.86	.91	.88	.86	.89	.87	.85	.84
6.0	.92	.87	.84	.91	.87	.84	.89	.86	.83	.88	.85	.83	.87	.84	.82	.81
7.0	.89	.84	.81	.88	.84	.81	.87	.83	.81	.86	.83	.80	.85	.82	.80	.79
8.0	.86	.82	.79	.86	.82	.79	.85	.81	.79	.84	.81	.78	.83	.80	.78	.77
9.0	.84	.80	.77	.83	.79	.77	.82	.79	.76	.82	.78	.76	.81	.78	.76	.75
10.0	.81	.77	.75	.81	.77	.75	.80	.77	.75	.80	.77	.74	.79	.76	.74	.73



C Range: 0 - 360DEG

C Interval: 45.0DEG

Test Speed: MEDIUM

Temperature:25.3DEG

Operators:DAMIN

Test Date:2024-08-03

γ Range: 0 - 90DEG

γ Interval: 1.0DEG

Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453

Humidity:65.0%

Test Distance:3.090m [K=1.0000]

Remarks:

## WEC AND CCEC

Test:U:240.3V I:0.0273A P:5.7W PF:0.8748 Freq:49.99Hz		
UTHDi:0.16% ITHDi:23.76% KDisp:0.9001		Lamp Flux:512.09lx1 lm
NAME: MD16-06-XX-01 2700K RA90 15D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	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	.140	.080	.025	.134	.076	.024	.121	.070	.022	.110	.063	.020	.099	.058	.019	
2.0	.131	.072	.022	.125	.069	.021	.115	.064	.020	.105	.059	.019	.097	.055	.017	
3.0	.122	.065	.019	.117	.063	.019	.109	.059	.018	.101	.055	.017	.093	.052	.016	
4.0	.114	.059	.017	.110	.058	.017	.103	.054	.016	.096	.052	.016	.090	.049	.015	
5.0	.107	.054	.016	.104	.053	.015	.097	.051	.015	.092	.048	.014	.086	.046	.014	
6.0	.101	.051	.014	.098	.049	.014	.093	.047	.014	.088	.046	.013	.083	.044	.013	
7.0	.095	.047	.013	.093	.046	.013	.088	.045	.013	.084	.043	.013	.080	.042	.012	
8.0	.091	.044	.012	.088	.044	.012	.084	.042	.012	.081	.041	.012	.077	.040	.012	
9.0	.086	.042	.012	.084	.041	.012	.081	.040	.011	.077	.039	.011	.074	.038	.011	
10.0	.082	.039	.011	.081	.039	.011	.077	.038	.011	.074	.037	.011	.072	.036	.010	

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	.190	.190	.190	.163	.163	.163	.111	.111	.111	.064	.064	.064	.020	.020	.020		
1.0	.169	.158	.148	.144	.135	.127	.099	.093	.088	.057	.054	.051	.018	.017	.017		
2.0	.151	.133	.118	.129	.114	.102	.088	.079	.071	.051	.046	.042	.016	.015	.014		
3.0	.136	.113	.095	.117	.098	.083	.080	.068	.058	.046	.040	.034	.015	.013	.011		
4.0	.123	.098	.078	.106	.085	.068	.073	.059	.048	.042	.035	.028	.014	.011	.009		
5.0	.113	.086	.066	.097	.074	.057	.067	.052	.040	.039	.030	.024	.012	.010	.008		
6.0	.104	.076	.055	.089	.066	.048	.062	.046	.034	.036	.027	.020	.012	.009	.007		
7.0	.096	.068	.047	.083	.059	.041	.057	.041	.029	.033	.024	.017	.011	.008	.006		
8.0	.090	.061	.041	.077	.053	.036	.053	.037	.025	.031	.022	.015	.010	.007	.005		
9.0	.084	.055	.036	.072	.048	.031	.050	.034	.022	.029	.020	.013	.009	.007	.004		
10.0	.079	.050	.031	.068	.044	.027	.047	.031	.019	.028	.018	.012	.009	.006	.004		

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-03

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

### UGR(Unified Glare Rating) Table

Test:U:240.3V I:0.0273A P:5.7W PF:0.8748 Freq:49.99Hz										
UTHDi:0.16% ITHDi:23.76% KDisp:0.9001					Lamp Flux:512.09lx1 lm					
NAME: MD16-06-XX-01 2700K RA90 15D THU					TYPE:			WEIGHT:		
SPEC.:					DIM.:			SERIAL No.:		
MFR.: Norming lighting					SUR.: 40mm			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	15.9	16.6	16.1	16.8	16.9	14.0	14.6	14.2	14.8	14.9
3H	16.2	16.8	16.4	17.0	17.2	14.3	14.9	14.6	15.1	15.3
4H	16.3	16.9	16.5	17.1	17.3	14.4	15.0	14.7	15.2	15.4
6H	16.2	16.8	16.5	17.0	17.3	14.3	14.9	14.6	15.1	15.4
8H	16.2	16.7	16.5	17.0	17.2	14.3	14.8	14.6	15.1	15.3
12H	16.2	16.7	16.5	16.9	17.2	14.3	14.8	14.6	15.0	15.3
4H 2H	15.9	16.5	16.2	16.7	16.9	14.1	14.7	14.3	14.9	15.1
3H	16.2	16.8	16.6	17.0	17.3	14.6	15.1	14.9	15.3	15.6
4H	16.4	16.9	16.7	17.1	17.4	14.7	15.2	15.0	15.5	15.8
6H	16.4	16.8	16.7	17.1	17.4	14.6	15.1	15.0	15.4	15.7
8H	16.3	16.7	16.7	17.1	17.4	14.6	15.0	15.0	15.3	15.7
12H	16.3	16.6	16.7	17.0	17.4	14.6	14.9	15.0	15.3	15.7
8H 4H	16.3	16.7	16.7	17.1	17.4	14.7	15.1	15.1	15.4	15.8
6H	16.3	16.6	16.7	17.0	17.4	14.6	14.9	15.0	15.3	15.7
8H	16.2	16.5	16.7	17.0	17.4	14.6	14.9	15.0	15.3	15.7
12H	16.2	16.5	16.7	16.9	17.4	14.5	14.8	15.0	15.2	15.7
12H 4H	16.3	16.6	16.7	17.0	17.4	14.6	15.0	15.0	15.4	15.7
6H	16.2	16.5	16.7	16.9	17.4	14.6	14.9	15.0	15.3	15.7
8H	16.2	16.4	16.7	16.9	17.4	14.5	14.8	15.0	15.2	15.7
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 2.5 / - 2.8					+ 1.4 / - 2.1				
1.5H	+ 4.3 / - 2.7					+ 2.5 / - 1.9				
2.0H	+ 3.4 / - 1.3					+ 1.8 / - 1.1				

CIE Pub.117, 512.1 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -2.3)  
Area: 0.0012 m2

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-03

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

## UTILIZATION FACTORS TABLE

Test:U:240.3V I:0.0273A P:5.7W PF:0.8748 Freq:49.99Hz		
UTHDi:0.16% ITHDi:23.76% KDisp:0.9001 Lamp Flux:512.09lx1 lm		
NAME: MD16-06-XX-01 2700K RA90 15D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:

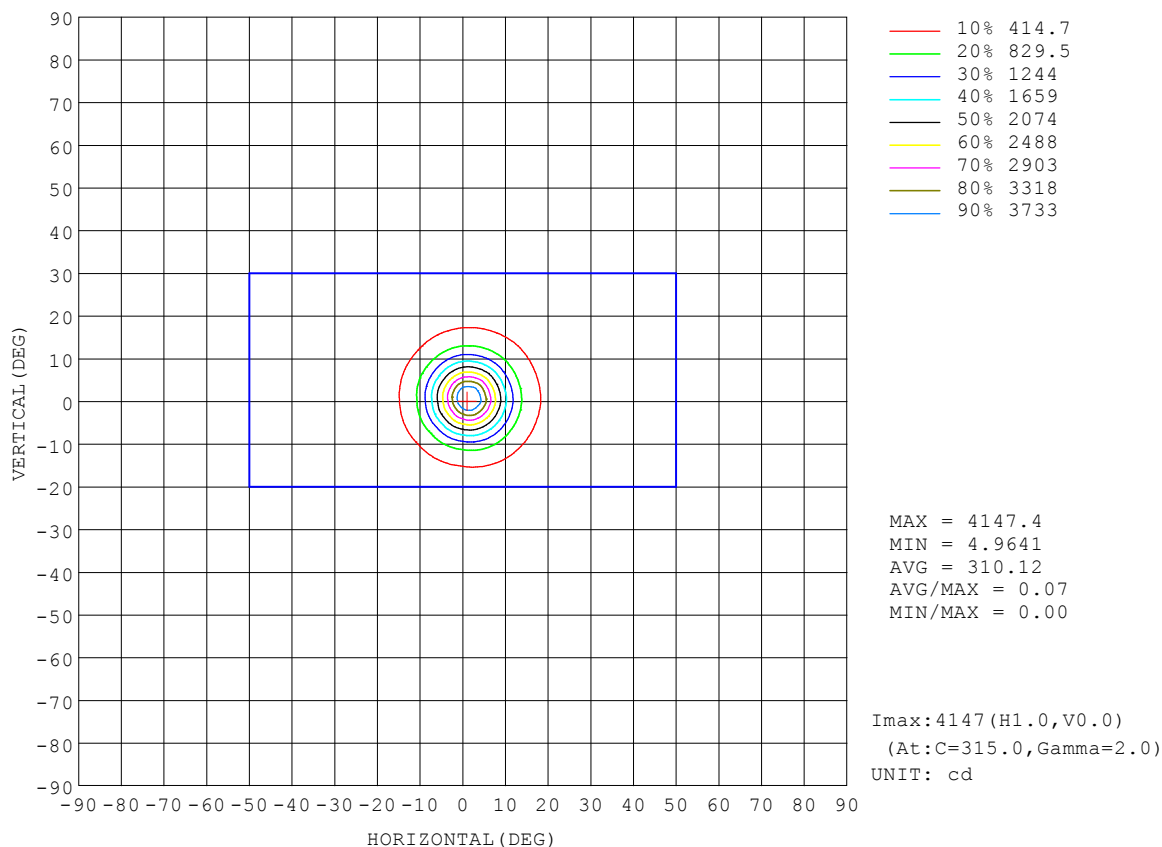
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
$k = 0.60$	89	83	79	88	83	79	88	82	79	76
0.80	96	91	87	95	90	87	94	90	86	83
1.00	100	95	91	99	94	91	98	94	91	87
1.25	104	99	96	103	98	95	101	97	95	91
1.50	107	102	99	105	101	98	103	100	97	93
2.00	109	105	102	108	104	101	105	102	100	95
2.50	111	107	104	109	106	103	106	103	101	96
3.00	112	109	106	110	107	105	107	105	103	97
4.00	114	111	109	112	110	108	108	107	105	98
5.00	115	113	111	113	111	110	109	108	107	99
ROOM INDEX	UF (total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNOM = 1.25		

C Range: 0 - 360DEG  
 C Interval: 45.0DEG  
 Test Speed: MEDIUM  
 Temperature: 25.3DEG  
 Operators: DAMIN  
 Test Date: 2024-08-03

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
 Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
 Humidity: 65.0%  
 Test Distance: 3.090m [K=1.0000]  
 Remarks:

## ISOCANDELA DIAGRAM

Test:U:240.3V I:0.0273A P:5.7W PF:0.8748 Freq:49.99Hz		
UTHDi:0.16% ITHDi:23.76% KDisp:0.9001 Lamp Flux:512.09lx1 lm		
NAME: MD16-06-XX-01 2700K RA90 15D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:



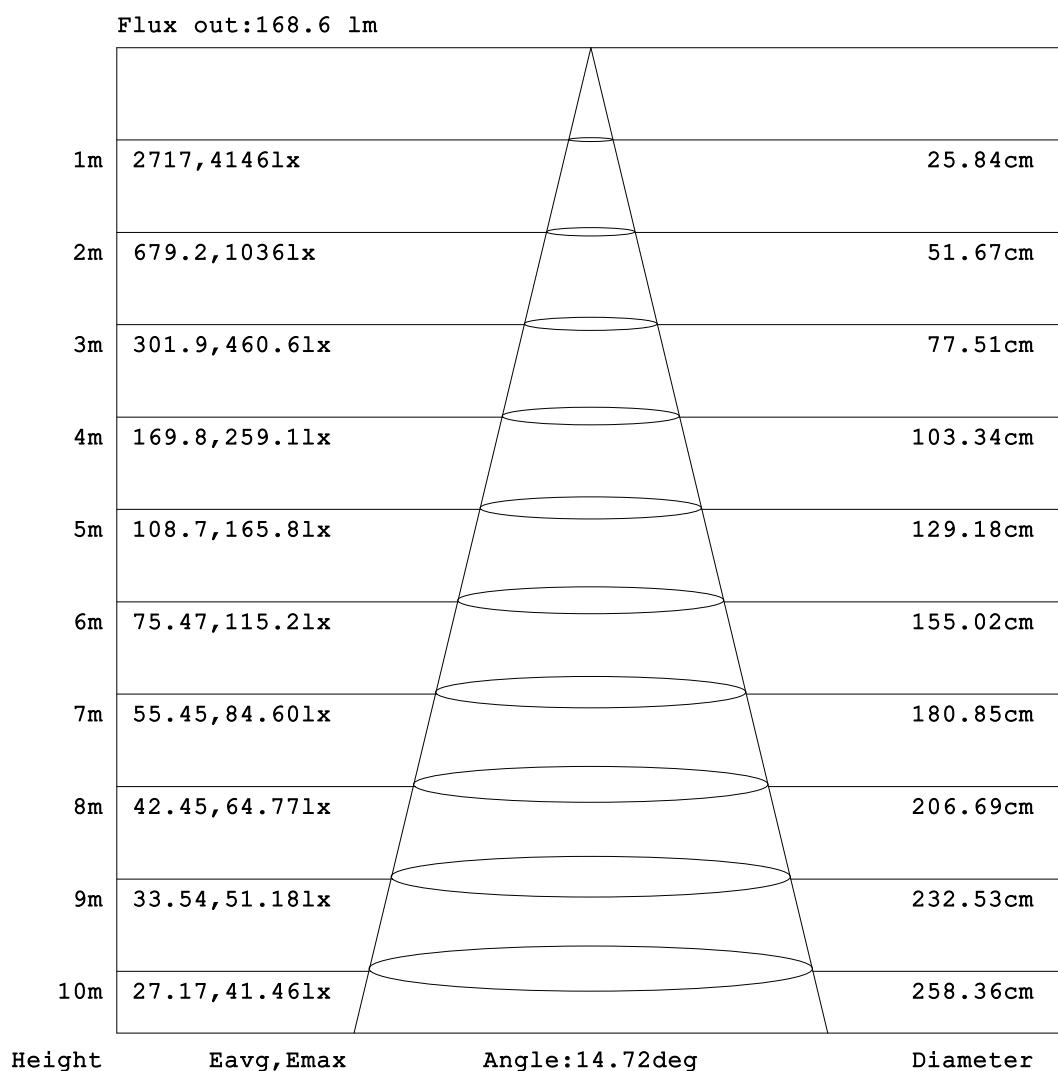
C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-03

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:



## AAI Figure

Test:U:240.3V I:0.0273A P:5.7W PF:0.8748 Freq:49.99Hz		
UTHDi:0.16% ITHDi:23.76% KDisp:0.9001 Lamp Flux:512.09lx1 lm		
NAME: MD16-06-XX-01 2700K RA90 15D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:



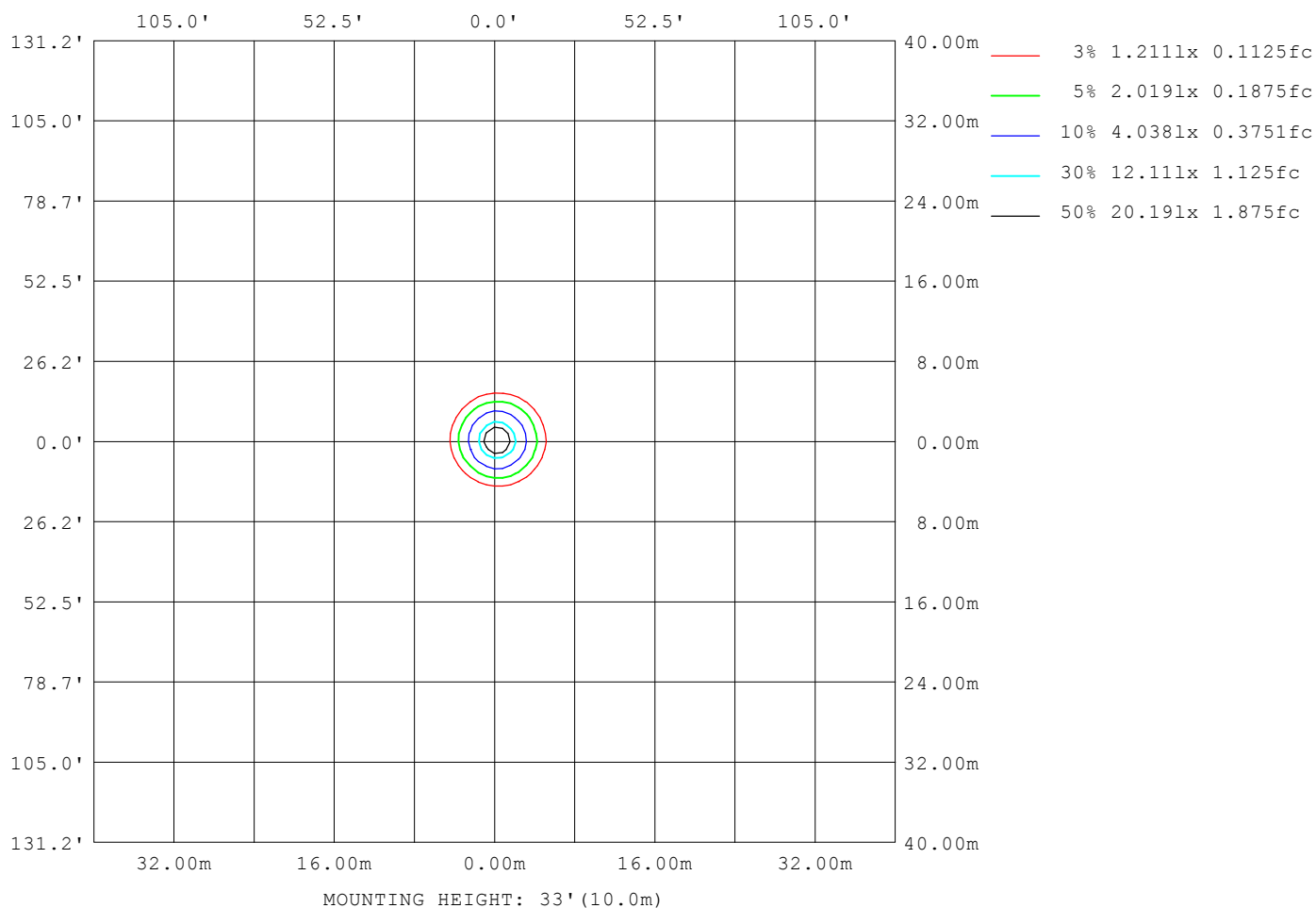
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-08-03

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity: 65.0%  
Test Distance: 3.090m [K=1.0000]  
Remarks:

## ISOLUX DIAGRAM

Test:U:240.3V I:0.0273A P:5.7W PF:0.8748 Freq:49.99Hz		
UTHDi:0.16% ITHDi:23.76% KDisp:0.9001 Lamp Flux:512.09lx1 lm		
NAME: MD16-06-XX-01 2700K RA90 15D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-08-03

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity: 65.0%  
Test Distance: 3.090m [K=1.0000]  
Remarks:

## LED Avg.L Report

Test:U:240.3V I:0.0273A P:5.7W PF:0.8748 Freq:49.99Hz UTHDi:0.16% ITHDi:23.76% KDisp:0.9001 Lamp Flux:512.09lx1 lm		
NAME: MD16-06-XX-01 2700K RA90 15D THU	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: Norming lighting	SUR.: 40mm	Shielding Angle:

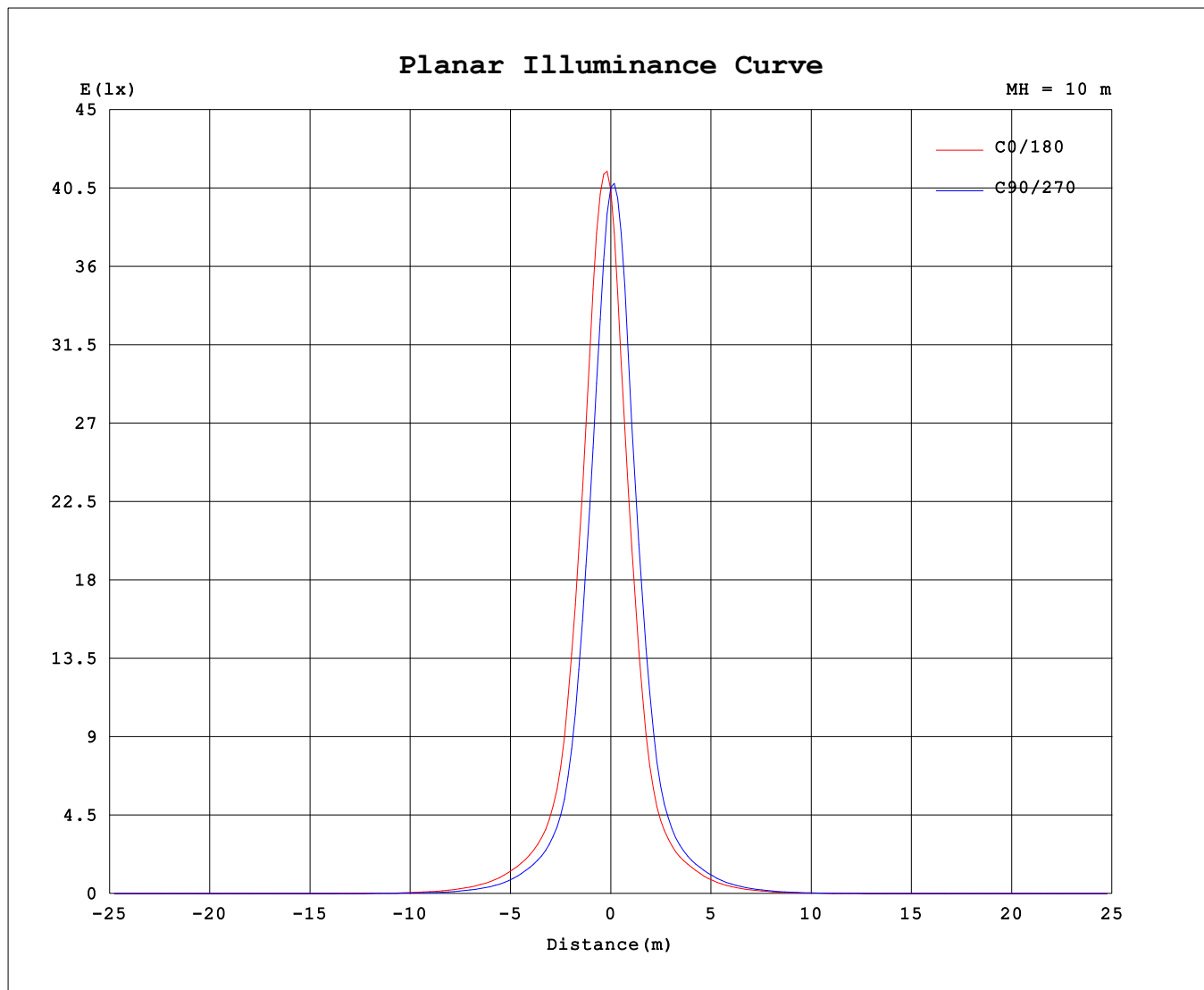
AvgL	cd/m2
L_0~180 (65) av	6857
L_0~180 (75) av	4096
L_0~180 (85) av	1805
L_90~270 (65) av	6563
L_90~270 (75) av	4090
L_90~270 (85) av	1872
L_45 (65) av	6679
L_45 (75) av	4121
L_45 (85) av	1766

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature:25.3DEG  
Operators:DAMIN  
Test Date:2024-08-03

γ Range: 0 - 90DEG  
γ Interval: 1.0DEG  
Test System:EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity:65.0%  
Test Distance:3.090m [K=1.0000]  
Remarks:

## Planar Illuminance Curve



C Range: 0 - 360DEG  
C Interval: 45.0DEG  
Test Speed: MEDIUM  
Temperature: 25.3DEG  
Operators: DAMIN  
Test Date: 2024-08-03

$\gamma$  Range: 0 - 90DEG  
 $\gamma$  Interval: 1.0DEG  
Test System: EVERFINE GO-SPEX500\_V1 SYSTEM V2.00.453  
Humidity: 65.0%  
Test Distance: 3.090m [K=1.0000]  
Remarks:

```

γ Range: 0 - 90DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-SPEX500_V1 SYSTEM V2.00.453
Humidity:65.0%
Test Distance:3.090m [K=1.0000]
Remarks:

```

## Photometric Data Table [cd]

G/C	0.0	45.0	90.0	135.0	180.0	225.0	270.0	315.0
0.0	4044	4044	4044	4044	4044	4044	4044	4044
3.0	4040	3713	3303	3050	3070	3352	3802	4043
6.0	3145	2675	2241	2018	2032	2290	2739	3156
9.0	2055	1707	1332	1148	1181	1398	1754	2050
12.0	1197	964.9	713.0	622.9	643.5	768.3	995.9	1190
15.0	667.0	548.4	424.6	384.6	403.6	458.7	570.0	663.0
18.0	429.6	359.0	287.9	264.6	280.7	311.5	373.0	428.6
21.0	307.2	256.9	208.6	196.5	209.5	227.8	265.4	305.3
24.0	231.8	192.4	152.5	143.3	153.7	169.8	198.6	228.1
27.0	174.2	140.1	106.2	99.69	107.6	120.1	143.9	170.5
30.0	124.9	97.88	73.41	69.30	75.30	84.04	100.8	120.9
33.0	89.24	68.17	50.50	47.56	52.19	57.33	70.58	85.24
36.0	62.65	46.98	34.36	32.40	35.59	39.03	48.10	59.48
39.0	43.28	31.49	23.48	21.79	24.25	26.24	32.46	40.59
42.0	29.27	21.07	16.02	15.03	16.76	17.86	21.54	27.45
45.0	19.57	14.52	11.15	10.61	11.79	12.50	14.54	18.07
48.0	13.38	10.19	8.200	7.798	8.615	9.056	10.18	12.20
51.0	9.541	7.617	6.405	6.232	6.737	6.881	7.417	8.718
54.0	7.200	6.140	5.320	5.257	5.568	5.566	5.812	6.542
57.0	5.755	5.221	4.586	4.562	4.777	4.760	4.830	5.233
60.0	4.870	4.638	4.120	4.057	4.223	4.253	4.281	4.455
63.0	4.202	4.043	3.591	3.507	3.638	3.696	3.761	3.894
66.0	3.611	3.423	2.928	2.807	2.884	2.992	3.257	3.385
69.0	2.813	2.696	2.379	2.237	2.315	2.470	2.630	2.661
72.0	2.285	2.143	1.805	1.603	1.667	1.887	2.117	2.182
75.0	1.646	1.483	1.064	0.8461	0.8980	1.207	1.476	1.583
78.0	0.9412	0.5731	0.3916	0.3560	0.3665	0.4163	0.7019	0.9058
81.0	0.3624	0.3237	0.2798	0.2510	0.2577	0.2944	0.3413	0.3569
84.0	0.2656	0.2298	0.1956	0.1600	0.1773	0.1995	0.2487	0.2609
87.0	0.1809	0.1406	0.0792	0.0327	0.0465	0.0886	0.1573	0.1771
90.0	0.0579	0	0.0151	0.0019	0.0013	0	0.0180	0.0557

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C Interval: 45.0DEG  
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