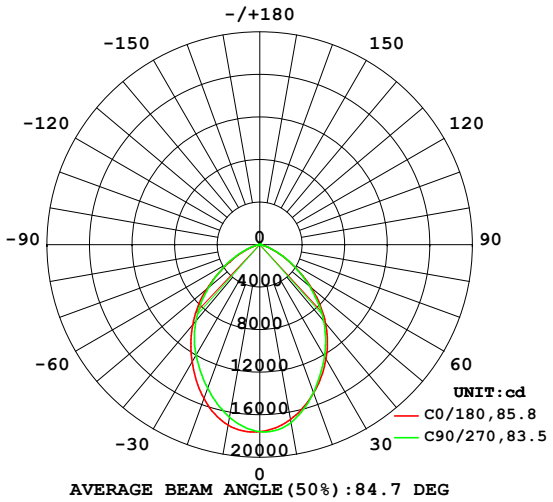
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.98V I:0.8990A P:192.22W PF:0.9720 Freq:0Hz Lamp Flux:32769.4x1 lm		
NAME: UFO-YG-A-200W(4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

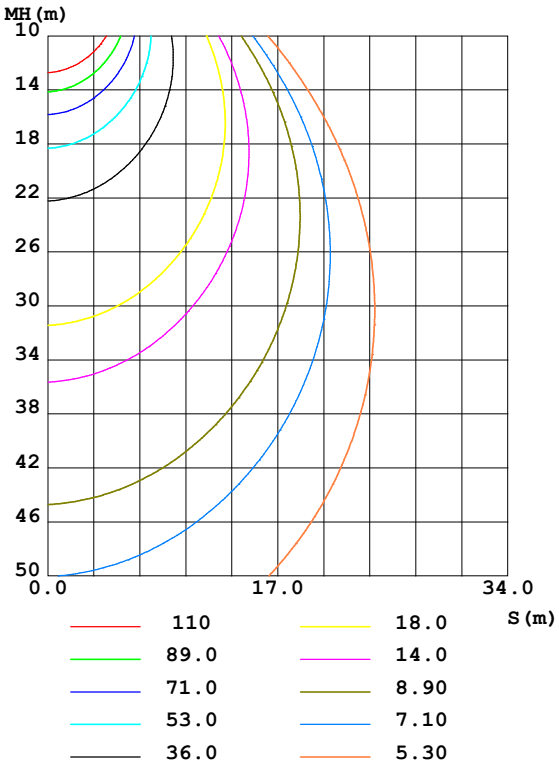
DATA OF LAMP		PHOTOMETRIC DATA Eff: 170.48 lm/W			
MODEL UFO-YG-A-200W(4000k)		Imax(cd)	17645	S/MH(C0/180)	1.10
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	1.05
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	32769	η UP,DN(C0-180)	0.5,49.6
NOMINAL FLUX(lm)	32769.4	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.7,49.2
LAMPS INSIDE	1	η up(%)	1.2	CIBSE SHR NOM	1.00
TEST VOLTAGE(V)	220	η down(%)	98.8	CIBSE SHR MAX	1.15

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):84.7 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:H
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(4000k)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1668	1689	1699	1711	1722	1690	1646	1640	0- 10	1642	1642	5.01,5.01
20	1484	1495	1479	1494	1538	1497	1436	1434	10- 20	4474	6117	18.7,18.7
30	1246	1243	1216	1225	1273	1244	1199	1193	20- 30	6246	12363	37.7,37.7
40	962.4	961.9	935.4	944.6	981.8	967.9	934.0	919.2	30- 40	6826	19189	58.6,58.6
50	634.8	642.4	612.9	630.4	655.3	648.0	629.3	610.6	40- 50	6103	25291	77.2,77.2
60	319.8	337.9	324.2	346.8	326.2	339.3	347.4	349.5	50- 60	4240	29531	90.1,90.1
70	105.7	114.1	112.0	123.2	116.5	119.5	122.2	118.8	60- 70	2140	31672	96.7,96.7
80	13.21	17.86	10.51	23.81	24.19	25.04	19.94	18.91	70- 80	610.5	32282	98.5,98.5
90	0.9186	1.002	2.642	5.083	7.971	7.917	7.670	7.666	80- 90	96.61	32379	98.8,98.8
100	1.716	1.743	3.074	3.355	6.719	6.643	6.468	6.430	90-100	50.76	32430	99,99
110	3.001	2.992	3.031	2.722	6.216	6.112	5.938	5.877	100-110	45.87	32475	99.1,99.1
120	4.610	4.515	4.406	4.227	6.453	6.294	6.150	6.043	110-120	48.24	32524	99.3,99.3
130	6.306	6.152	6.215	5.907	7.159	7.008	6.866	6.764	120-130	52.91	32577	99.4,99.4
140	7.856	7.668	8.156	7.629	8.030	7.908	7.848	7.687	130-140	55.44	32632	99.6,99.6
150	9.115	9.073	9.356	8.899	8.957	8.963	8.828	8.760	140-150	52.69	32685	99.7,99.7
160	10.31	10.24	10.09	10.06	10.13	10.02	10.00	9.751	150-160	43.95	32729	99.9,99.9
170	11.34	11.19	11.09	11.00	11.22	11.03	11.21	10.73	160-170	29.86	32759	100,100
180	11.81	11.56	12.12	11.42	11.89	11.62	12.12	11.43	170-180	10.81	32769	100,100
DEG	LUMINOUS INTENSITY:×10cd									UNIT:lm		

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:H
Test Date:2025-12-05

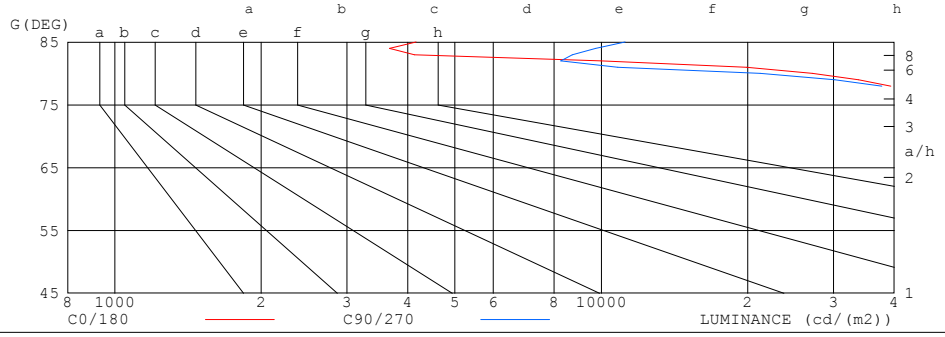
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(4000k)

LUMINANCE LIMITATION CURVES

Test:U:219.98V I:0.8990A P:192.22W PF:0.9720 Freq:0Hz Lamp Flux:32769.4x1 lm		
NAME: UFO-YG-A-200W(4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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
		a	b	c	d	e	f	g	h



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	4163	11192
80	27173	21210
75	64814	67246
70	110386	114709
65	168768	170250
60	228436	227184
55	291031	280855
50	352714	334078
45	405281	384806

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:H
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(4000k)

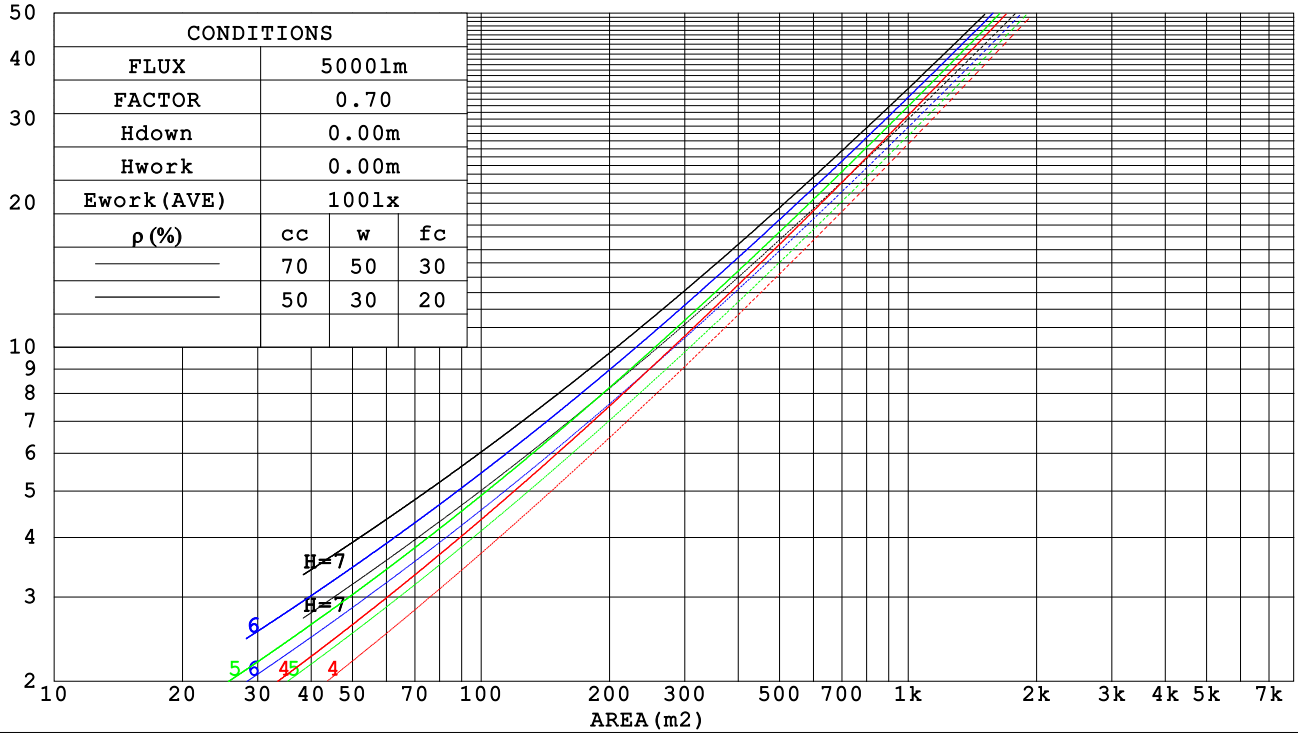
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.98V I:0.8990A P:192.22W PF:0.9720 Freq:0Hz Lamp Flux:32769.4x1 lm		
NAME: UFO-YG-A-200W(4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρcc	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	1.10	1.10	1.10	1.05	1.05	1.05	1.01	1.01	1.01	.99
1.0	1.07	1.04	1.01	1.05	1.02	.99	1.00	.98	.96	.96	.94	.92	.93	.91	.89	.87
2.0	.96	.90	.85	.94	.89	.84	.90	.86	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.86	.79	.73	.84	.78	.73	.81	.76	.71	.78	.74	.70	.76	.72	.69	.67
4.0	.77	.70	.64	.76	.69	.64	.74	.67	.63	.71	.66	.62	.69	.64	.61	.59
5.0	.70	.62	.56	.69	.62	.56	.67	.60	.55	.65	.59	.55	.63	.58	.54	.52
6.0	.64	.56	.50	.63	.55	.50	.61	.54	.49	.59	.53	.49	.58	.52	.48	.47
7.0	.58	.50	.45	.58	.50	.45	.56	.49	.44	.55	.49	.44	.53	.48	.44	.42
8.0	.54	.46	.41	.53	.46	.40	.52	.45	.40	.50	.44	.40	.49	.44	.40	.38
9.0	.50	.42	.37	.49	.42	.37	.48	.41	.37	.47	.41	.36	.46	.40	.36	.34
10.0	.46	.39	.34	.45	.38	.34	.44	.38	.34	.43	.38	.33	.43	.37	.33	.32

LAMPS

LUMINAIRE BUDGETARY DIAGRAM



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:H
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(4000k)

WEC AND CCEC

Test:U:219.98V I:0.8990A P:192.22W PF:0.9720 Freq:0Hz Lamp Flux:32769.4x1 lm		
NAME: UFO-YG-A-200W(4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρcc	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						Wall Exitance Coeffcients(WEC)									
0.0																
1.0	.244	.139	.044	.237	.135	.043	.224	.128	.041	.211	.122	.039	.200	.116	.037	
2.0	.238	.130	.040	.232	.128	.039	.220	.122	.038	.209	.117	.037	.199	.113	.035	
3.0	.226	.120	.036	.221	.118	.036	.210	.114	.035	.201	.110	.034	.192	.106	.033	
4.0	.214	.111	.033	.209	.109	.032	.199	.106	.032	.191	.103	.031	.183	.099	.030	
5.0	.201	.102	.030	.197	.101	.029	.188	.098	.029	.181	.095	.028	.174	.093	.028	
6.0	.189	.095	.027	.185	.094	.027	.178	.091	.027	.171	.089	.026	.165	.087	.026	
7.0	.178	.088	.025	.175	.087	.025	.168	.085	.024	.162	.083	.024	.156	.081	.024	
8.0	.168	.082	.023	.165	.081	.023	.159	.079	.023	.154	.078	.022	.148	.076	.022	
9.0	.159	.077	.021	.156	.076	.021	.151	.075	.021	.146	.073	.021	.141	.072	.021	
10.0	.150	.072	.020	.148	.071	.020	.143	.070	.020	.139	.069	.020	.134	.068	.019	

ρcc	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						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.200	.200	.200	.171	.171	.171	.116	.116	.116	.067	.067	.067	.021	.021	.021	
1.0	.185	.166	.149	.158	.142	.128	.108	.098	.089	.062	.057	.051	.020	.018	.017	
2.0	.174	.141	.114	.149	.122	.098	.102	.084	.069	.059	.049	.040	.019	.016	.013	
3.0	.165	.123	.090	.142	.106	.078	.097	.074	.055	.056	.043	.032	.018	.014	.011	
4.0	.157	.109	.073	.135	.095	.063	.093	.066	.045	.054	.039	.026	.017	.013	.009	
5.0	.150	.099	.061	.129	.085	.053	.089	.060	.037	.051	.035	.022	.017	.011	.007	
6.0	.143	.090	.052	.123	.078	.045	.085	.055	.032	.049	.032	.019	.016	.011	.006	
7.0	.137	.083	.045	.118	.072	.040	.081	.051	.028	.047	.030	.017	.015	.010	.006	
8.0	.131	.077	.040	.113	.067	.035	.078	.047	.025	.045	.028	.015	.015	.009	.005	
9.0	.126	.072	.036	.108	.063	.032	.075	.044	.023	.044	.026	.013	.014	.009	.004	
10.0	.120	.068	.033	.104	.059	.029	.072	.042	.021	.042	.025	.012	.014	.008	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:H
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(4000k)

UGR(Unified Glare Rating) Table

Test:U:219.98V I:0.8990A P:192.22W PF:0.9720 Freq:0Hz Lamp Flux:32769.4x1 lm		
NAME: UFO-YG-A-200W(4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	20.0	21.3	20.3	21.5	21.7	19.8	21.1	20.1	21.3	21.6
3H	20.3	21.5	20.6	21.8	22.0	20.2	21.4	20.5	21.6	21.9
4H	20.3	21.5	20.7	21.7	22.0	20.2	21.3	20.5	21.6	21.8
6H	20.3	21.3	20.6	21.6	21.9	20.1	21.2	20.4	21.5	21.7
8H	20.2	21.2	20.6	21.5	21.8	20.1	21.1	20.4	21.4	21.7
12H	20.2	21.1	20.5	21.4	21.8	20.0	21.0	20.4	21.3	21.6
4H 2H	20.2	21.3	20.5	21.6	21.9	20.1	21.2	20.4	21.4	21.7
3H	20.6	21.6	21.0	21.9	22.2	20.5	21.5	20.8	21.8	22.1
4H	20.7	21.5	21.0	21.9	22.2	20.5	21.4	20.9	21.7	22.1
6H	20.6	21.4	21.0	21.8	22.1	20.5	21.3	20.9	21.6	22.0
8H	20.6	21.3	21.0	21.7	22.1	20.4	21.1	20.9	21.5	21.9
12H	20.5	21.2	21.0	21.6	22.0	20.4	21.0	20.8	21.4	21.9
8H 4H	20.6	21.3	21.0	21.7	22.1	20.5	21.2	20.9	21.6	22.0
6H	20.6	21.2	21.0	21.6	22.0	20.4	21.0	20.9	21.4	21.9
8H	20.5	21.0	21.0	21.5	22.0	20.4	20.9	20.9	21.4	21.8
12H	20.5	20.9	21.0	21.4	21.9	20.4	20.8	20.8	21.3	21.8
12H 4H	20.6	21.2	21.0	21.6	22.0	20.4	21.1	20.9	21.5	21.9
6H	20.5	21.0	21.0	21.5	22.0	20.4	20.9	20.9	21.4	21.8
8H	20.5	20.9	21.0	21.4	21.9	20.4	20.8	20.8	21.3	21.8
Variations with the observer position at spacings:										
S = 1.0H	+ 0.7 / - 0.9					+ 0.7 / - 0.9				
1.5H	+ 0.3 / - 0.4					+ 0.3 / - 0.4				
2.0H	+ 1.3 / - 1.5					+ 1.2 / - 1.4				

CIE Pub.117, 32769 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 12.1)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:H
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(4000k)

UTILIZATION FACTORS TABLE

Test:U:219.98V I:0.8990A P:192.22W PF:0.9720 Freq:0Hz Lamp Flux:32769.4x1 lm		
NAME: UFO-YG-A-200W(4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

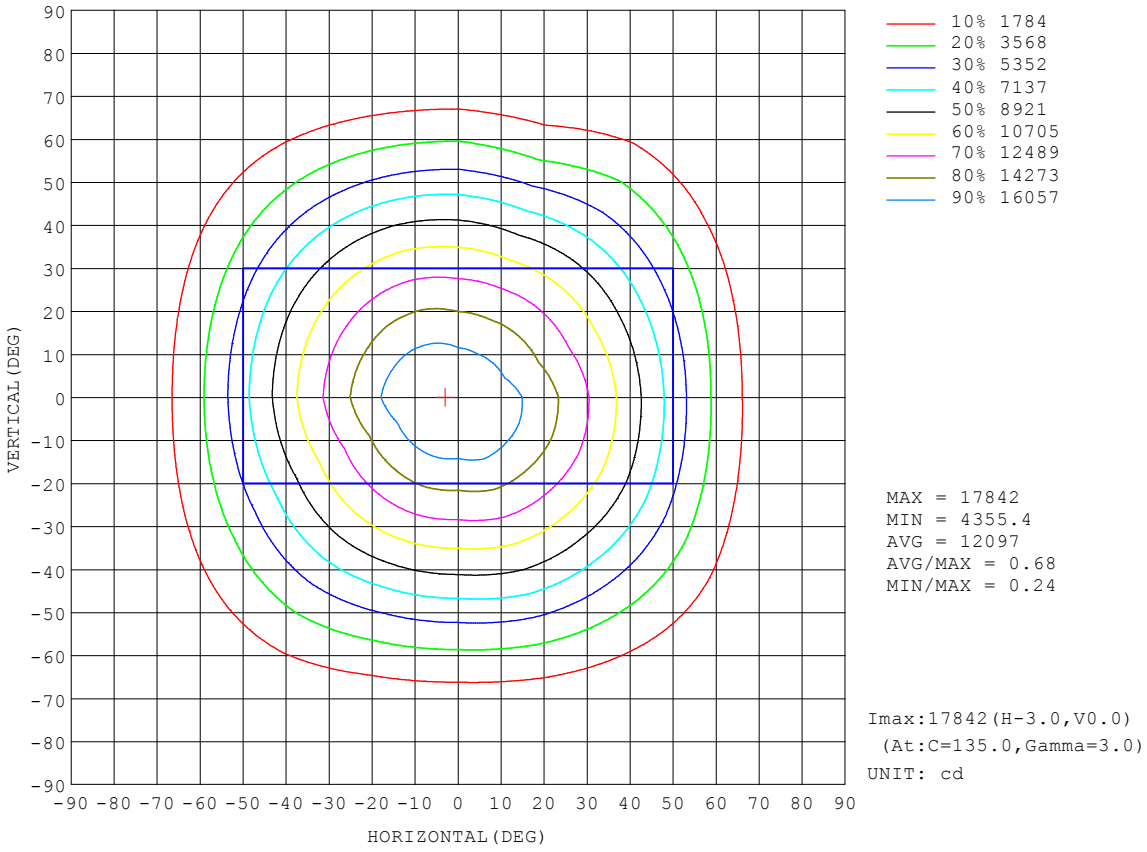
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	65	55	49	65	55	49	63	54	49	43
0.80	75	65	59	74	65	59	73	64	59	53
1.00	84	74	68	82	74	68	80	74	67	61
1.25	90	82	76	89	81	75	86	79	74	68
1.50	95	87	81	93	86	80	90	84	79	73
2.00	100	93	88	98	92	88	95	90	86	79
2.50	103	97	92	101	96	91	98	93	89	82
3.00	106	101	96	104	99	95	100	96	93	85
4.00	109	105	101	107	103	99	103	99	97	88
5.00	111	107	104	109	105	102	104	101	99	90
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004				Suspended					SHRNOM = 1.25	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:H
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(4000k)

ISOCANDELA DIAGRAM

Test:U:219.98V I:0.8990A P:192.22W PF:0.9720 Freq:0Hz Lamp Flux:32769.4x1 lm		
NAME: UFO-YG-A-200W(4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

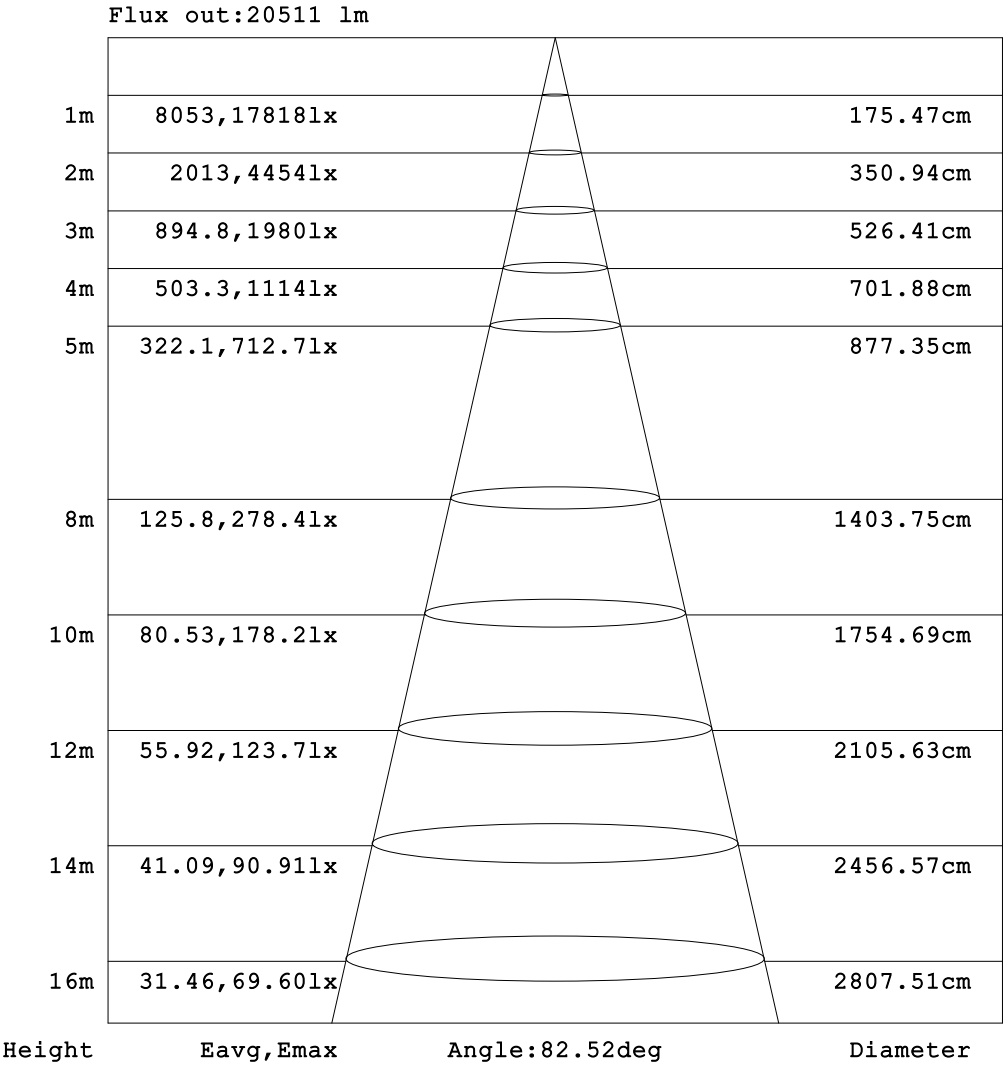


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AAI Figure

Test:U:219.98V I:0.8990A P:192.22W PF:0.9720 Freq:0Hz Lamp Flux:32769.4x1 lm		
NAME: UFO-YG-A-200W(4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



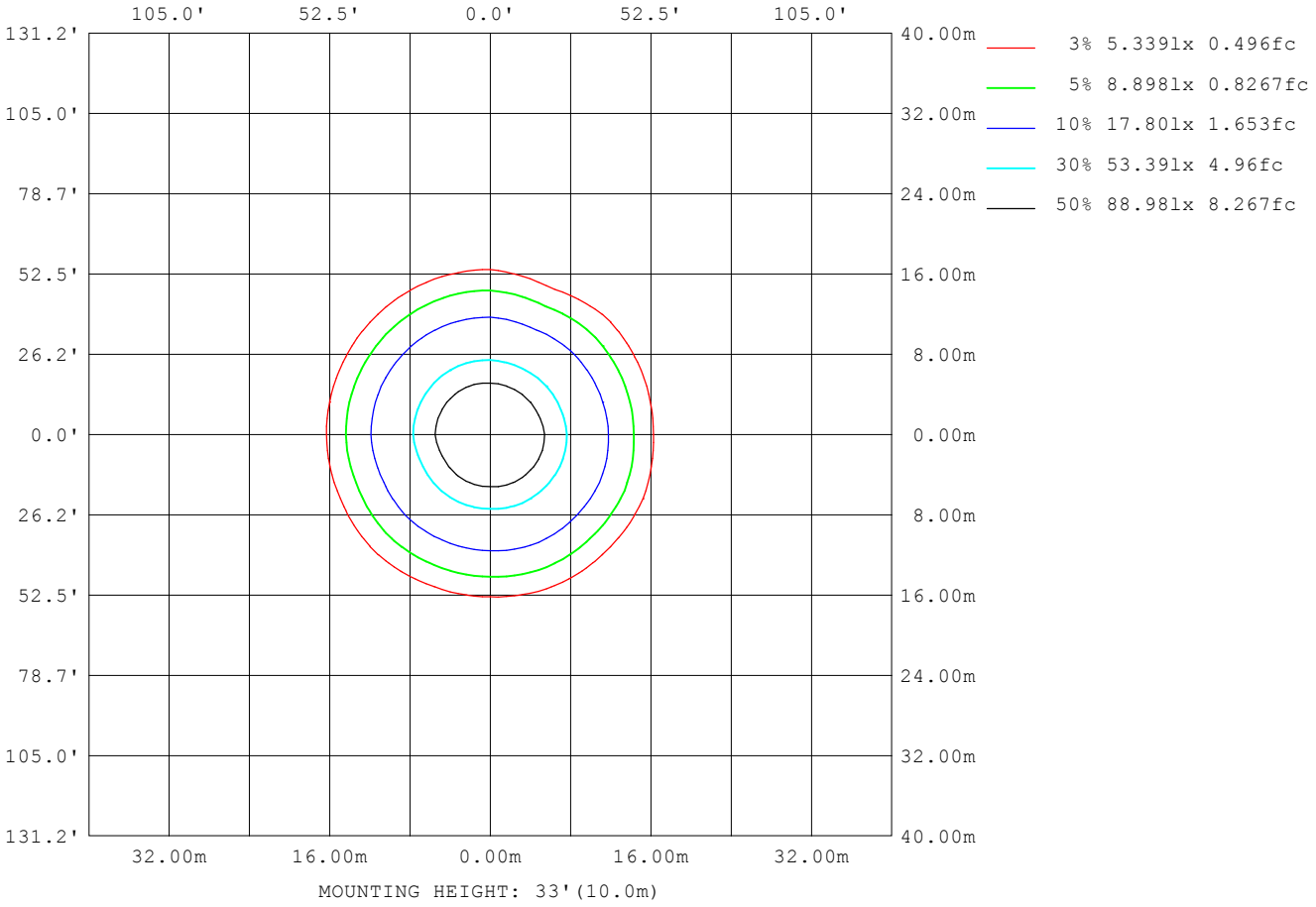
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:H
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(4000k)

ISOLUX DIAGRAM

Test:U:219.98V I:0.8990A P:192.22W PF:0.9720 Freq:0Hz Lamp Flux:32769.4x1 lm		
NAME: UFO-YG-A-200W(4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:H
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(4000k)

LED Avg.L Report

Test:U:219.98V I:0.8990A P:192.22W PF:0.9720 Freq:0Hz Lamp Flux:32769.4x1 lm		
NAME: UFO-YG-A-200W(4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

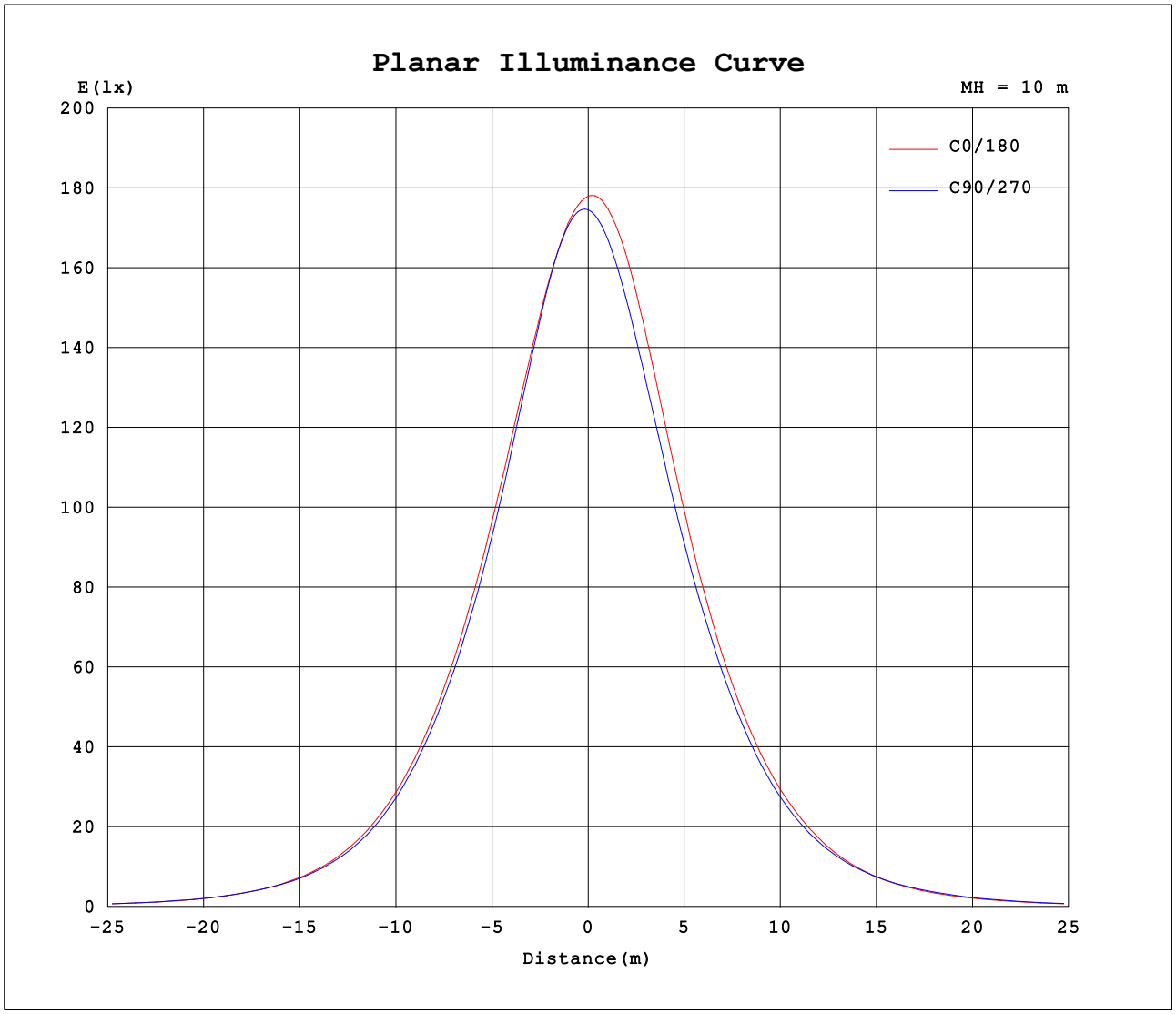
AvgL	cd/m2
L_0~180(65)av	169464
L_0~180(75)av	72224
L_0~180(85)av	20498
L_90~270(65)av	180043
L_90~270(75)av	73258
L_90~270(85)av	23277
L_45(65)av	187360
L_45(75)av	72192
L_45(85)av	33351

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:H
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(4000k)

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:H
Test Date:2025-12-05

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(4000k)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.98V I:0.8990A P:192.22W PF:0.9720 Freq:0Hz Lamp Flux:32769.4x1 lm		
NAME: UFO-YG-A-200W(4000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

Table--1 UNIT: ×10cd

γ (DEG) \ C(DEG)	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5			
0	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758	1758			
5	1727	1734	1740	1748	1752	1758	1759	1759	1758	1750	1742	1730	1720	1714	1716	1718			
10	1668	1681	1689	1700	1699	1709	1711	1714	1722	1706	1690	1668	1646	1637	1640	1648			
15	1584	1600	1604	1612	1600	1614	1619	1623	1647	1625	1603	1574	1548	1537	1544	1551			
20	1484	1499	1495	1499	1479	1494	1494	1500	1538	1517	1497	1467	1436	1426	1434	1445			
25	1370	1384	1373	1370	1347	1361	1360	1365	1413	1391	1373	1346	1319	1308	1318	1329			
30	1246	1257	1243	1237	1216	1226	1225	1225	1273	1258	1244	1225	1199	1184	1193	1209			
35	1110	1121	1106	1101	1081	1087	1088	1084	1131	1122	1110	1096	1074	1046	1063	1081			
40	962	978	962	959	935	936	945	939	982	978	968	954	934	895	919	940			
45	802	824	808	808	777	777	790	783	824	824	814	802	784	738	765	786			
50	635	658	642	643	613	610	630	624	655	656	648	638	629	580	611	621			
55	467	493	479	479	460	459	478	462	479	480	483	483	481	426	470	470			
60	320	346	338	337	324	327	347	331	326	331	339	345	347	289	349	335			
65	200	223	218	216	205	207	230	215	206	212	221	226	226	180	229	209			
70	106	121	114	117	112	116	123	122	116	118	119	122	122	92.5	119	105			
75	47.0	55.2	49.5	51.5	49.7	54.7	56.3	57.2	59.0	57.6	56.9	56.6	57.8	42.5	49.1	45.9			
80	13.2	20.1	17.9	20.5	10.5	23.2	23.8	24.7	24.2	28.0	25.0	26.6	19.9	20.6	18.9	21.5			
85	1.02	2.62	3.41	5.34	2.78	6.45	7.75	4.56	9.11	11.0	12.0	10.9	8.71	8.85	9.76	9.16			
90	0.92	1.00	1.00	1.45	2.64	4.13	5.08	2.01	7.97	7.99	7.92	7.87	7.67	7.55	7.67	7.74			
95	1.25	1.24	1.29	1.68	2.88	3.16	4.49	1.63	7.26	7.20	7.17	7.14	6.99	6.86	6.95	7.02			
100	1.72	1.69	1.74	2.10	3.07	1.79	3.36	1.64	6.72	6.66	6.64	6.60	6.47	6.34	6.43	6.49			
105	2.30	2.26	2.32	2.63	3.13	2.13	2.18	2.21	6.36	6.30	6.28	6.24	6.10	6.01	6.06	6.12			
110	3.00	2.94	2.99	3.21	3.03	2.77	2.72	2.87	6.22	6.14	6.11	6.08	5.94	5.87	5.88	5.95			
115	3.78	3.69	3.73	3.84	3.59	3.49	3.44	3.59	6.26	6.16	6.13	6.10	5.95	5.92	5.88	5.96			
120	4.61	4.51	4.51	4.57	4.41	4.28	4.23	4.39	6.45	6.34	6.29	6.28	6.15	6.12	6.04	6.14			
125	5.47	5.32	5.33	5.34	5.29	5.08	5.06	5.18	6.77	6.64	6.60	6.59	6.47	6.45	6.35	6.44			
130	6.31	6.18	6.15	6.14	6.21	5.92	5.91	6.02	7.16	7.05	7.01	7.00	6.87	6.87	6.76	6.84			
135	7.12	7.00	6.96	6.93	7.19	6.75	6.83	6.85	7.58	7.50	7.45	7.48	7.33	7.36	7.22	7.31			
140	7.86	7.77	7.67	7.67	8.16	7.65	7.63	7.66	8.03	7.98	7.91	7.97	7.85	7.84	7.69	7.78			
145	8.52	8.46	8.37	8.36	8.99	8.45	8.21	8.38	8.48	8.44	8.40	8.45	8.35	8.30	8.19	8.26			
150	9.11	9.07	9.07	9.17	9.36	9.20	8.90	8.93	8.96	8.90	8.96	8.96	8.83	8.75	8.76	8.74			
155	9.71	9.72	9.69	9.85	9.65	9.73	9.50	9.51	9.51	9.47	9.50	9.54	9.38	9.29	9.27	9.27			
160	10.3	10.3	10.2	10.2	10.1	10.1	10.06	10.1	10.1	10.0	10.0	10.1	10.00	9.80	9.75	9.78			
165	10.9	10.9	10.8	10.7	10.7	10.7	10.6	10.6	10.7	10.5	10.5	10.6	10.6	10.3	10.2	10.3			
170	11.3	11.3	11.2	11.1	11.1	11.1	11.0	11.0	11.2	11.0	11.0	11.2	11.2	10.8	10.7	10.8			
175	11.7	11.6	11.4	11.5	11.6	11.8	11.4	11.2	11.6	11.4	11.4	11.5	11.8	11.4	11.1	11.2			
180	11.8	11.7	11.6	11.7	12.1	11.8	11.4	11.3	11.9	11.6	11.6	11.7	12.1	11.8	11.4	11.3			

C Range: 0 - 360DEG
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