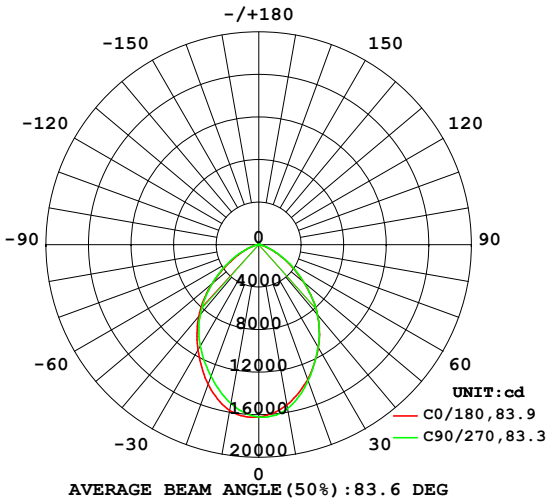
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:219.95V I:0.9502A P:203.65W PF:0.9744 Freq:49.99Hz Lamp Flux:29706.1x1 lm		
NAME: UFO-YG-A-200W(3000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

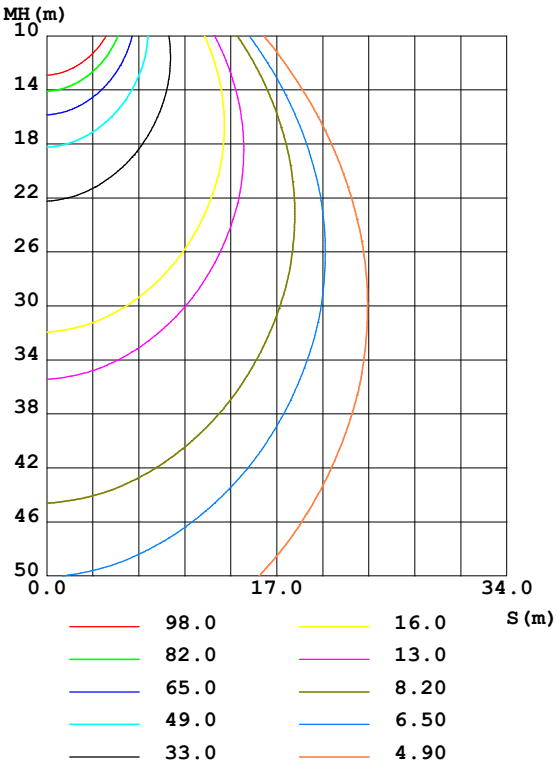
DATA OF LAMP		PHOTOMETRIC DATA		Eff: 145.87 lm/W	
MODEL UFO-YG-A-200W(3000k))		Imax(cd)	16268	S/MH(C0/180)	1.08
NOMINAL POWER(W)	200	LOR(%)	100.0	S/MH(C90/270)	1.04
RATED VOLTAGE(V)	220	TOTAL FLUX(lm)	29706	η UP,DN(C0-180)	0.5,49.6
NOMINAL FLUX(lm)	29706.1	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.7,49.2
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%):83.6 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(3000k)

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	1529	1549	1565	1578	1583	1550	1515	1508	0- 10	1512	1512	5.09,5.09
20	1348	1357	1360	1370	1397	1356	1318	1313	10- 20	4095	5607	18.9,18.9
30	1121	1122	1117	1118	1144	1119	1101	1091	20- 30	5679	11285	38,38
40	859.6	866.0	859.9	863.1	878.9	865.2	855.9	837.3	30- 40	6190	17475	58.8,58.8
50	556.4	570.0	559.7	571.3	576.1	571.7	574.5	554.5	40- 50	5495	22971	77.3,77.3
60	282.5	305.0	297.5	314.5	287.4	305.4	314.6	317.8	50- 60	3800	26771	90.1,90.1
70	97.00	106.3	101.3	111.5	105.4	108.5	112.4	105.6	60- 70	1936	28707	96.6,96.6
80	12.74	16.50	9.039	21.69	22.45	23.29	18.00	17.10	70- 80	557.2	29264	98.5,98.5
90	0.8245	0.8960	2.070	4.697	7.167	7.132	7.037	7.012	80- 90	88.21	29352	98.8,98.8
100	1.531	1.555	2.477	3.030	6.027	5.978	5.929	5.875	90-100	45.82	29398	99,99
110	2.680	2.669	2.732	2.471	5.567	5.492	5.438	5.367	100-110	41.34	29439	99.1,99.1
120	4.126	4.041	4.072	3.849	5.782	5.658	5.639	5.519	110-120	43.63	29483	99.2,99.2
130	5.670	5.539	5.779	5.389	6.432	6.313	6.298	6.184	120-130	47.98	29531	99.4,99.4
140	7.095	6.928	7.504	6.982	7.238	7.143	7.178	7.038	130-140	50.38	29581	99.6,99.6
150	8.251	8.221	8.304	8.146	8.097	8.126	8.086	8.036	140-150	47.90	29629	99.7,99.7
160	9.342	9.289	9.284	9.219	9.167	9.093	9.152	8.949	150-160	39.99	29669	99.9,99.9
170	10.28	10.15	10.20	10.08	10.16	9.989	10.20	9.845	160-170	27.22	29696	100,100
180	10.70	10.48	10.84	10.46	10.76	10.51	10.86	10.49	170-180	9.844	29706	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

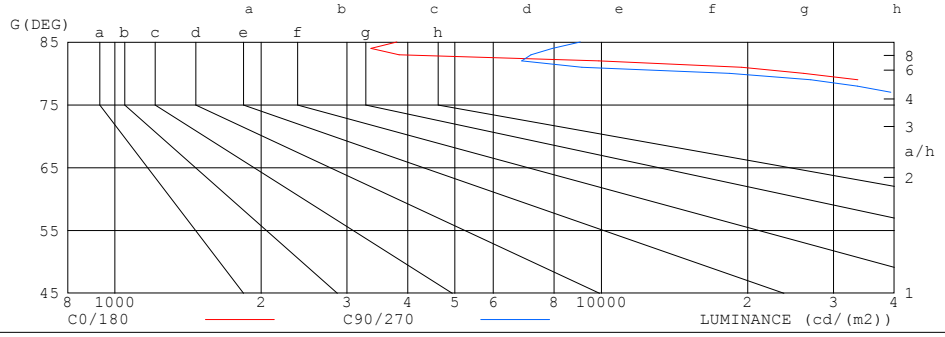
γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.404.6
Humidity:65.0%
Test Distance:10.700m [K=1.0000]
Remarks: UFO-YG-A-200W(3000k)

LUMINANCE LIMITATION CURVES

Test:U:219.95V I:0.9502A P:203.65W PF:0.9744 Freq:49.99Hz Lamp Flux:29706.1x1 lm		
NAME: UFO-YG-A-200W(3000k)	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	3799	9057
80	26087	18340
75	59508	61698
70	100835	104394
65	149695	156222
60	200908	209646
55	253494	258274
50	307730	306758
45	357039	354673

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(3000k)

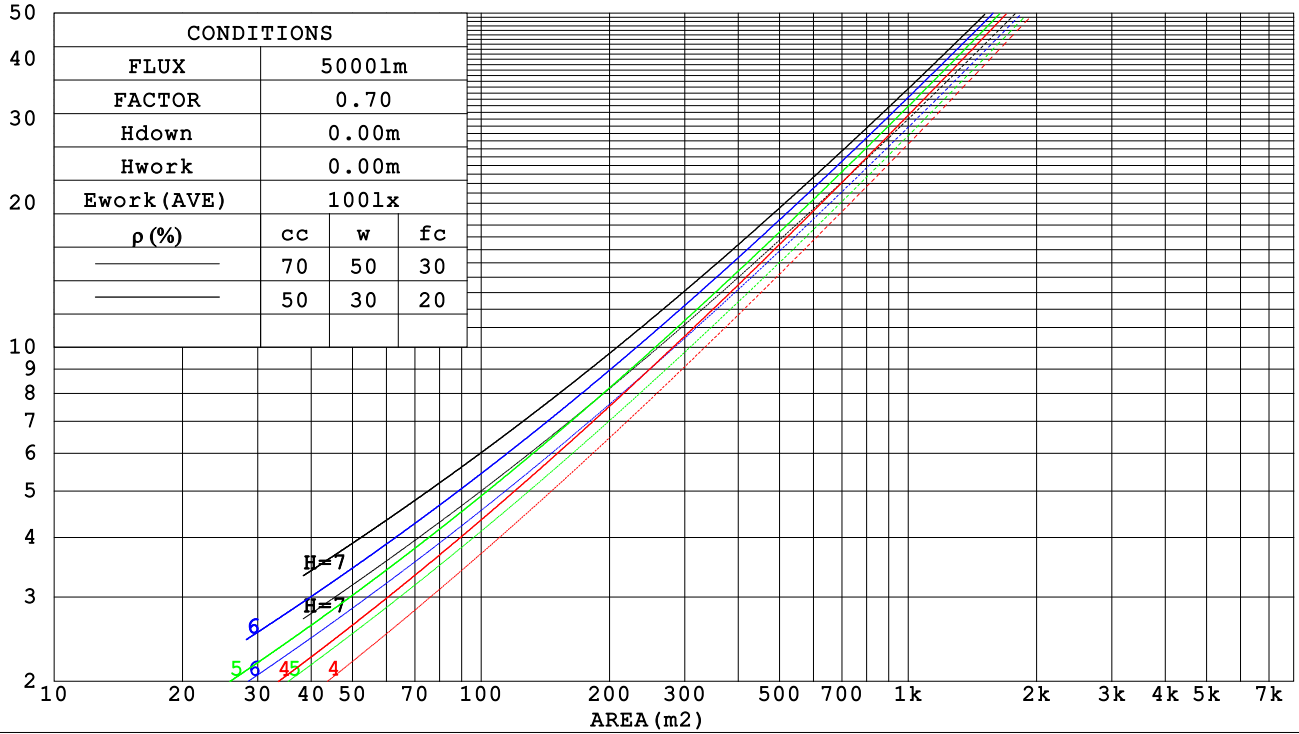
CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:219.95V I:0.9502A P:203.65W PF:0.9744 Freq:49.99Hz Lamp Flux:29706.1x1 lm		
NAME: UFO-YG-A-200W(3000k)	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	.90	.88
2.0	.96	.90	.85	.94	.89	.84	.90	.86	.82	.87	.83	.80	.84	.81	.78	.76
3.0	.86	.79	.74	.84	.78	.73	.81	.76	.71	.79	.74	.70	.76	.72	.69	.67
4.0	.77	.70	.64	.76	.69	.64	.74	.68	.63	.71	.66	.62	.69	.65	.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	.50	.59	.54	.49	.58	.53	.49	.47
7.0	.59	.51	.45	.58	.50	.45	.56	.49	.45	.55	.49	.44	.53	.48	.44	.42
8.0	.54	.46	.41	.53	.46	.41	.52	.45	.40	.50	.44	.40	.49	.44	.40	.38
9.0	.50	.42	.37	.49	.42	.37	.48	.41	.37	.47	.41	.37	.46	.40	.36	.35
10.0	.46	.39	.34	.46	.39	.34	.45	.38	.34	.44	.38	.34	.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(3000k)

WEC AND CCEC

Test:U:219.95V I:0.9502A P:203.65W PF:0.9744 Freq:49.99Hz Lamp Flux:29706.1x1 lm		
NAME: UFO-YG-A-200W(3000k)	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	.223	.128	.041	.211	.122	.039	.199	.115	.037	
2.0	.238	.130	.040	.231	.127	.039	.220	.122	.038	.209	.117	.037	.199	.112	.035	
3.0	.226	.120	.036	.220	.118	.036	.210	.114	.035	.200	.110	.034	.191	.106	.033	
4.0	.213	.111	.033	.208	.109	.032	.199	.106	.032	.190	.102	.031	.183	.099	.030	
5.0	.201	.102	.030	.196	.101	.029	.188	.098	.029	.180	.095	.028	.173	.093	.028	
6.0	.189	.095	.027	.185	.093	.027	.178	.091	.026	.171	.089	.026	.164	.087	.026	
7.0	.178	.088	.025	.174	.087	.025	.168	.085	.024	.162	.083	.024	.156	.081	.024	
8.0	.168	.082	.023	.165	.081	.023	.159	.079	.023	.153	.078	.022	.148	.076	.022	
9.0	.159	.077	.021	.156	.076	.021	.150	.074	.021	.145	.073	.021	.141	.071	.021	
10.0	.150	.072	.020	.148	.071	.020	.143	.070	.020	.138	.069	.020	.134	.067	.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	.125	.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(3000k)

UGR(Unified Glare Rating) Table

Test:U:219.95V I:0.9502A P:203.65W PF:0.9744 Freq:49.99Hz Lamp Flux:29706.1x1 lm		
NAME: UFO-YG-A-200W(3000k)	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	19.8	21.1	20.1	21.3	21.6	19.8	21.1	20.0	21.3	21.5
	3H	20.2	21.4	20.5	21.6	21.9	20.1	21.3	20.4	21.6	21.8
	4H	20.2	21.3	20.5	21.6	21.8	20.1	21.3	20.5	21.5	21.8
	6H	20.1	21.2	20.5	21.5	21.7	20.1	21.1	20.4	21.4	21.7
	8H	20.1	21.1	20.4	21.4	21.7	20.0	21.0	20.4	21.3	21.6
	12H	20.0	21.0	20.4	21.3	21.6	20.0	21.0	20.3	21.3	21.6
4H	2H	20.0	21.2	20.4	21.4	21.7	20.0	21.1	20.3	21.4	21.7
	3H	20.5	21.5	20.8	21.8	22.1	20.4	21.4	20.8	21.7	22.1
	4H	20.5	21.4	20.9	21.8	22.1	20.5	21.4	20.9	21.7	22.1
	6H	20.5	21.3	20.9	21.6	22.0	20.4	21.2	20.9	21.6	22.0
	8H	20.4	21.2	20.9	21.6	22.0	20.4	21.1	20.8	21.5	21.9
	12H	20.4	21.1	20.8	21.5	21.9	20.4	21.0	20.8	21.4	21.8
8H	4H	20.5	21.2	20.9	21.6	22.0	20.4	21.2	20.9	21.5	21.9
	6H	20.5	21.0	20.9	21.5	21.9	20.4	21.0	20.9	21.4	21.9
	8H	20.4	20.9	20.9	21.4	21.8	20.4	20.9	20.8	21.3	21.8
	12H	20.4	20.8	20.9	21.3	21.8	20.3	20.8	20.8	21.2	21.7
12H	4H	20.4	21.1	20.9	21.5	21.9	20.4	21.0	20.8	21.4	21.9
	6H	20.4	20.9	20.9	21.4	21.8	20.4	20.9	20.8	21.3	21.8
	8H	20.4	20.8	20.9	21.3	21.8	20.3	20.8	20.8	21.2	21.7

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 / - 0.3
2.0H	+ 1.3 / - 1.4	+ 1.2 / - 1.4

CIE Pub.117, 29706 lm Total Lamp Luminous Flux Correct (8log(F/F0) = 11.8)

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(3000k)

UTILIZATION FACTORS TABLE

Test:U:219.95V I:0.9502A P:203.65W PF:0.9744 Freq:49.99Hz Lamp Flux:29706.1x1 lm		
NAME: UFO-YG-A-200W(3000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

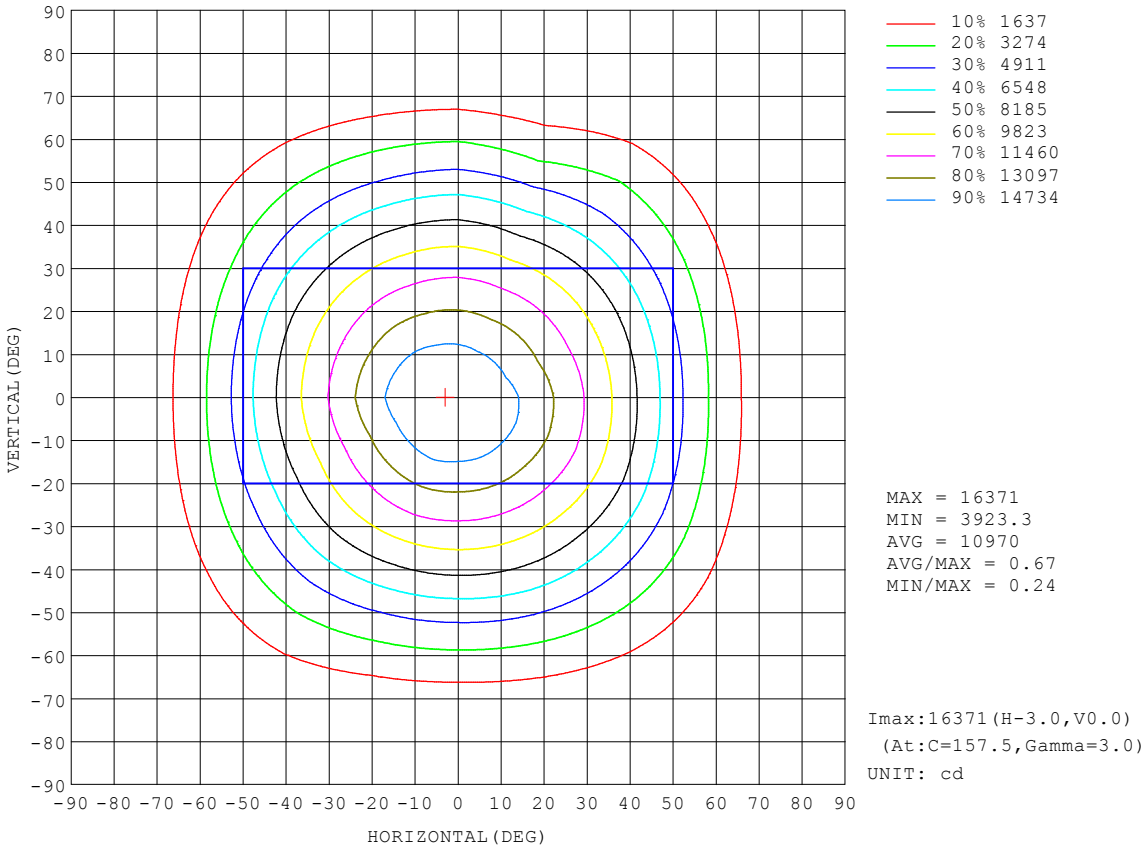
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	65	55	49	65	55	49	64	55	49	43
0.80	76	66	59	75	65	59	73	64	59	53
1.00	84	74	68	83	74	68	80	75	67	61
1.25	90	82	76	89	81	75	86	79	75	68
1.50	95	87	81	93	86	81	90	84	79	73
2.00	100	94	88	99	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	100	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(3000k)

ISOCANDELA DIAGRAM

Test:U:219.95V I:0.9502A P:203.65W PF:0.9744 Freq:49.99Hz Lamp Flux:29706.1x1 lm		
NAME: UFO-YG-A-200W(3000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

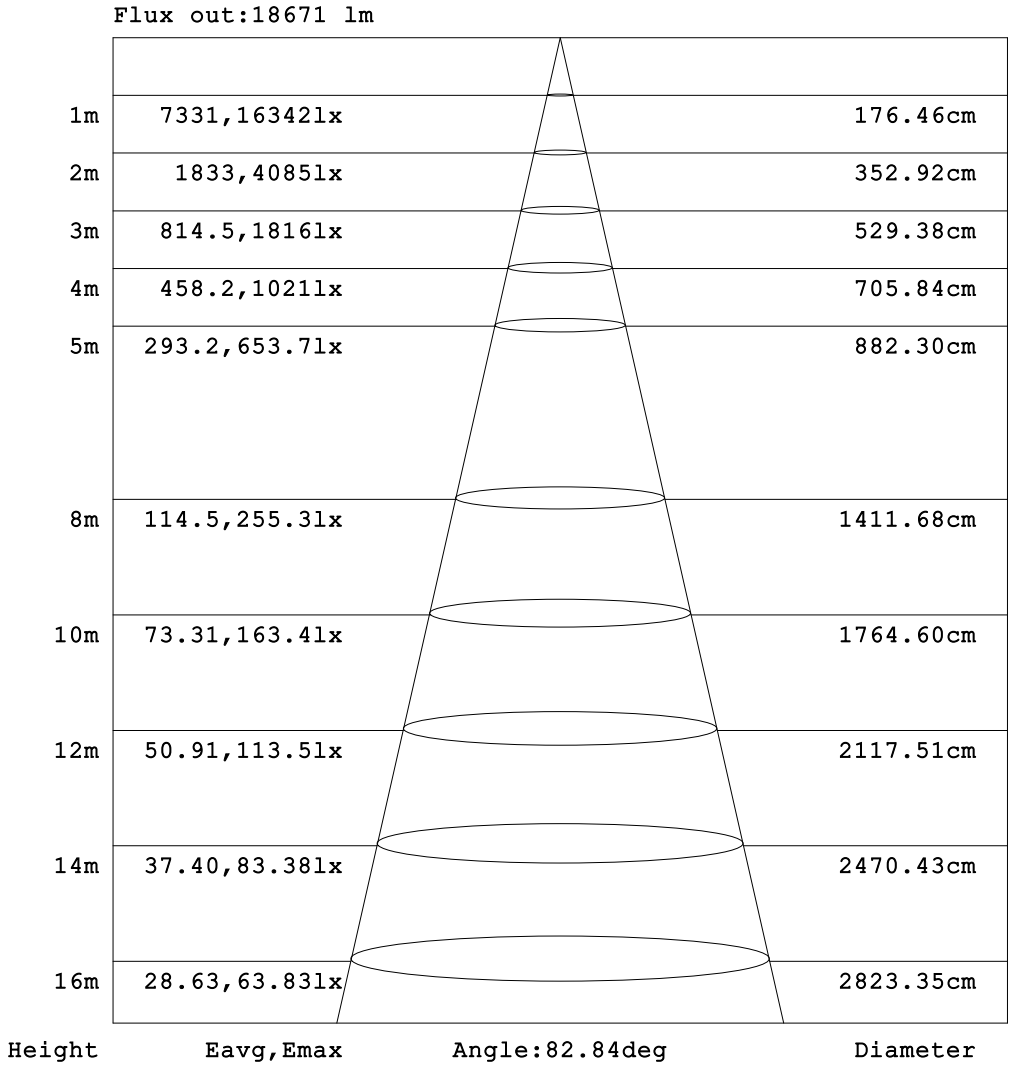


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Humidity:65.0%
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Remarks: UFO-YG-A-200W(3000k)

AAI Figure

Test:U:219.95V I:0.9502A P:203.65W PF:0.9744 Freq:49.99Hz Lamp Flux:29706.1x1 lm		
NAME: UFO-YG-A-200W(3000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



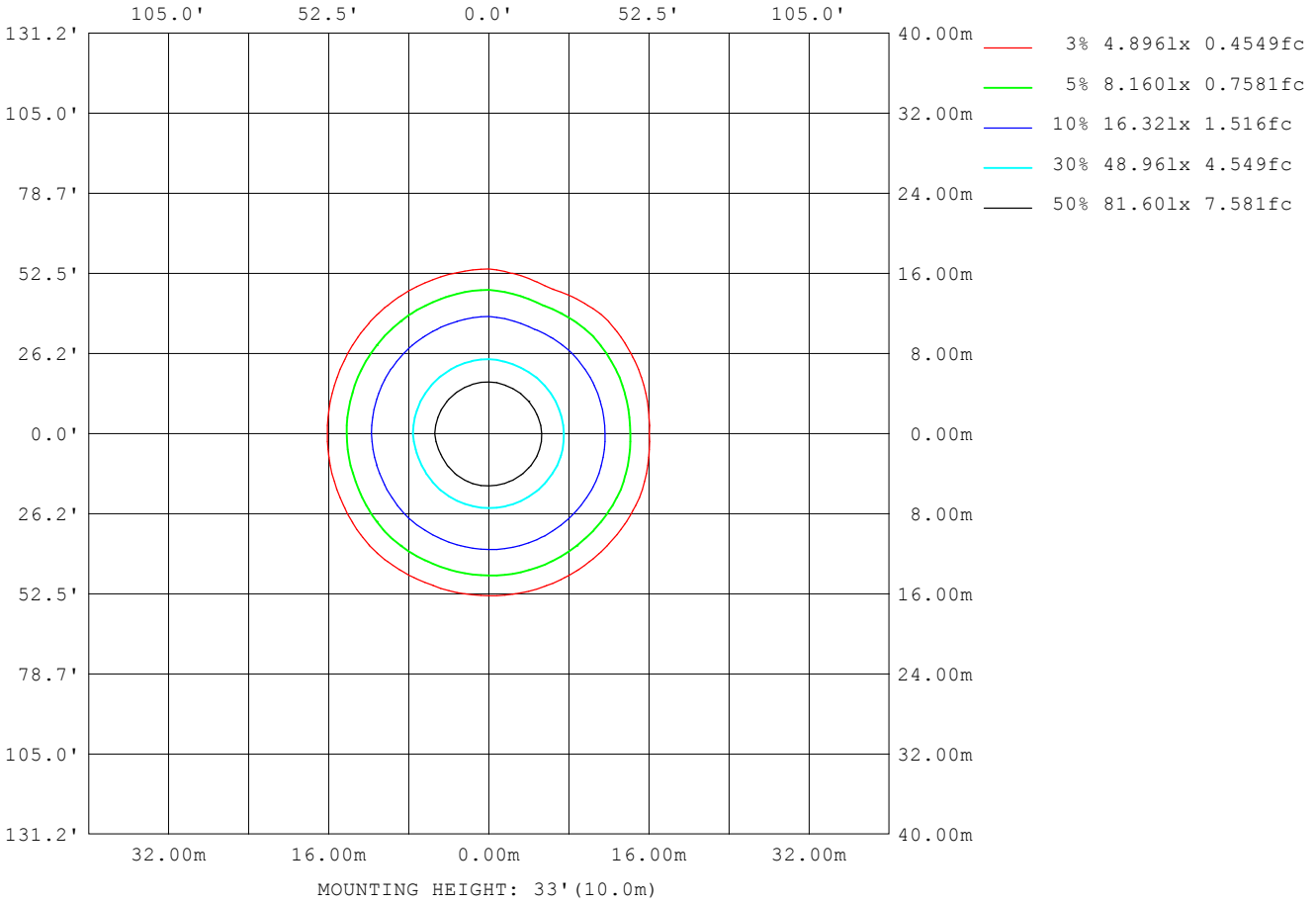
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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(3000k)

ISOLUX DIAGRAM

Test:U:219.95V I:0.9502A P:203.65W PF:0.9744 Freq:49.99Hz Lamp Flux:29706.1x1 lm		
NAME: UFO-YG-A-200W(3000k)	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(3000k)

LED Avg.L Report

Test:U:219.95V I:0.9502A P:203.65W PF:0.9744 Freq:49.99Hz Lamp Flux:29706.1x1 lm		
NAME: UFO-YG-A-200W(3000k)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

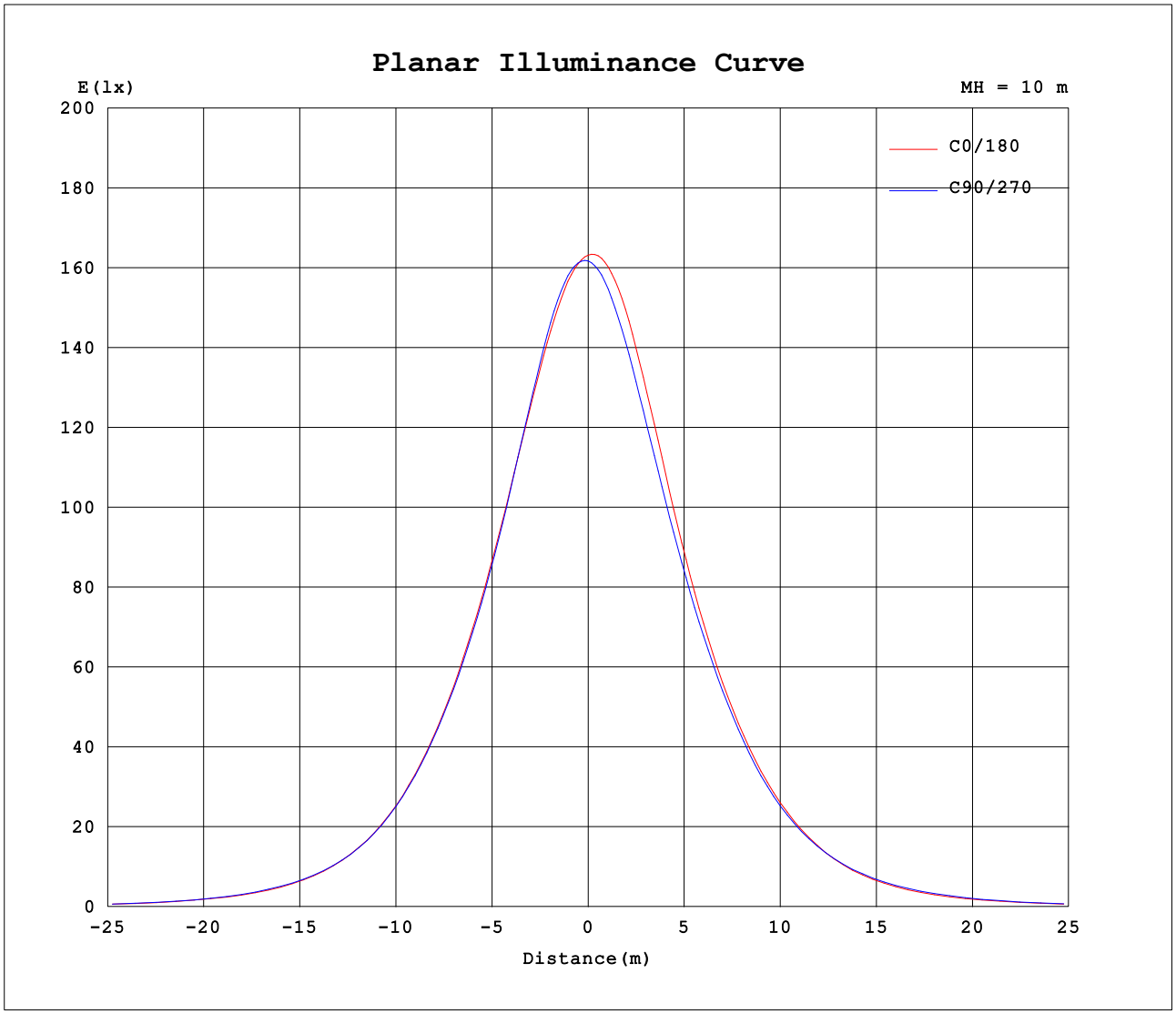
AvgL	cd/m2
L_0~180(65)av	151372
L_0~180(75)av	65917
L_0~180(85)av	18515
L_90~270(65)av	163304
L_90~270(75)av	66173
L_90~270(85)av	20713
L_45(65)av	171212
L_45(75)av	66673
L_45(85)av	30773

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(3000k)

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(3000k)

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:219.95V I:0.9502A P:203.65W PF:0.9744 Freq:49.99Hz Lamp Flux:29706.1x1 lm		
NAME: UFO-YG-A-200W(3000k)	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	1620	1620	1620	1620	1620	1620	1620	1620	1620	1620	1620	1620	1620	1620	1620	1620			
5	1590	1598	1602	1610	1615	1621	1621	1623	1621	1612	1604	1592	1586	1579	1581	1583			
10	1529	1541	1549	1559	1565	1577	1578	1580	1583	1566	1550	1528	1515	1505	1508	1513			
15	1445	1461	1464	1471	1473	1490	1487	1492	1502	1482	1463	1435	1422	1409	1416	1424			
20	1348	1362	1357	1357	1360	1373	1370	1375	1397	1374	1356	1329	1318	1305	1313	1322			
25	1237	1251	1240	1238	1237	1249	1242	1246	1272	1254	1237	1217	1211	1200	1207	1216			
30	1121	1135	1122	1116	1117	1122	1118	1116	1144	1131	1119	1103	1101	1081	1091	1106			
35	996	1012	998	995	994	994	994	989	1014	1010	997	986	986	959	972	987			
40	860	880	866	863	860	857	863	857	879	877	865	854	856	814	837	855			
45	710	733	721	720	712	709	719	712	733	736	721	713	717	671	696	714			
50	556	580	570	569	560	557	571	566	576	578	572	567	575	525	555	563			
55	409	434	428	427	420	419	435	418	419	424	428	428	438	387	429	424			
60	283	307	305	303	298	297	315	299	287	293	305	310	315	262	318	303			
65	178	198	200	195	187	190	213	193	185	192	200	203	204	163	207	191			
70	97.0	111	106	106	101	106	111	110	105	107	109	110	112	82.2	106	96.2			
75	43.3	50.6	46.4	47.6	45.3	50.0	50.3	52.7	53.4	52.7	53.6	51.9	51.7	38.5	45.2	42.0			
80	12.7	18.9	16.5	19.2	9.04	20.4	21.7	22.1	22.4	25.8	23.3	24.9	18.0	19.2	17.1	20.0			
85	0.93	2.45	3.29	4.77	2.24	5.85	7.11	4.11	8.21	9.91	11.2	9.98	7.99	8.15	8.83	8.41			
90	0.82	0.90	0.90	1.19	2.07	3.81	4.70	1.80	7.17	7.20	7.13	7.11	7.04	6.91	7.01	7.07			
95	1.12	1.11	1.15	1.39	2.28	2.98	4.12	1.48	6.52	6.48	6.46	6.44	6.41	6.28	6.35	6.40			
100	1.53	1.51	1.55	1.77	2.48	1.81	3.03	1.49	6.03	6.00	5.98	5.95	5.93	5.80	5.87	5.92			
105	2.06	2.03	2.07	2.25	2.62	1.94	2.02	2.01	5.71	5.66	5.65	5.62	5.60	5.49	5.53	5.58			
110	2.68	2.63	2.67	2.80	2.73	2.53	2.47	2.62	5.57	5.51	5.49	5.47	5.44	5.37	5.37	5.42			
115	3.38	3.30	3.33	3.40	3.30	3.19	3.14	3.27	5.60	5.53	5.50	5.49	5.46	5.41	5.37	5.43			
120	4.13	4.03	4.04	4.09	4.07	3.91	3.85	4.00	5.78	5.70	5.66	5.65	5.64	5.60	5.52	5.59			
125	4.90	4.77	4.78	4.81	4.90	4.65	4.62	4.73	6.08	5.97	5.94	5.94	5.93	5.90	5.80	5.87			
130	5.67	5.55	5.54	5.52	5.78	5.42	5.39	5.50	6.43	6.35	6.31	6.31	6.30	6.29	6.18	6.24			
135	6.42	6.30	6.27	6.24	6.70	6.19	6.23	6.27	6.82	6.77	6.72	6.75	6.71	6.74	6.60	6.66			
140	7.10	7.00	6.93	6.93	7.50	7.02	6.98	7.00	7.24	7.20	7.14	7.20	7.18	7.19	7.04	7.10			
145	7.70	7.64	7.56	7.61	8.07	7.77	7.51	7.67	7.66	7.64	7.61	7.65	7.64	7.61	7.50	7.55			
150	8.25	8.20	8.22	8.27	8.30	8.47	8.15	8.18	8.10	8.07	8.13	8.11	8.09	8.04	8.04	8.00			
155	8.80	8.80	8.78	8.79	8.72	8.90	8.71	8.72	8.61	8.58	8.61	8.62	8.60	8.54	8.50	8.49			
160	9.34	9.35	9.29	9.25	9.28	9.29	9.22	9.26	9.17	9.09	9.09	9.12	9.15	9.00	8.95	8.96			
165	9.83	9.83	9.75	9.73	9.80	9.80	9.72	9.71	9.68	9.54	9.56	9.63	9.69	9.49	9.40	9.41			
170	10.3	10.2	10.1	10.1	10.2	10.2	10.1	10.1	10.2	9.97	9.99	10.1	10.2	9.94	9.84	9.85			
175	10.6	10.5	10.4	10.4	10.8	10.9	10.5	10.3	10.5	10.3	10.3	10.4	10.6	10.4	10.2	10.2			
180	10.7	10.6	10.5	10.5	10.8	10.8	10.5	10.4	10.8	10.5	10.5	10.5	10.9	10.8	10.5	10.4			

C Range: 0 - 360DEG
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