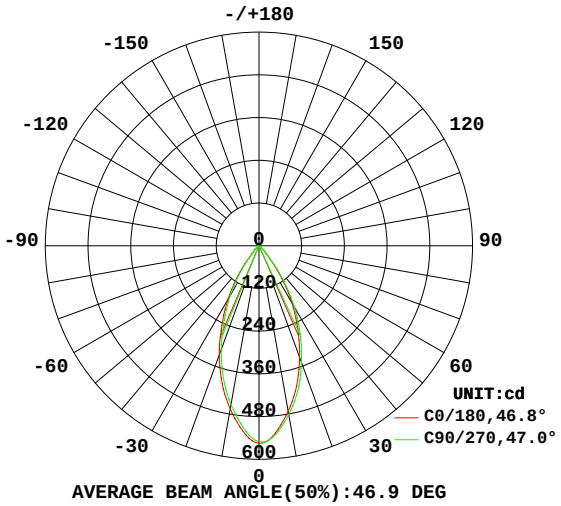
LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:24.00V I:0.4210A P:10.10W PF:1.000 Lamp Flux:368.738x1 lm		
NAME: Pendant-Zoey-3000k-90RA-Inner Golden	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

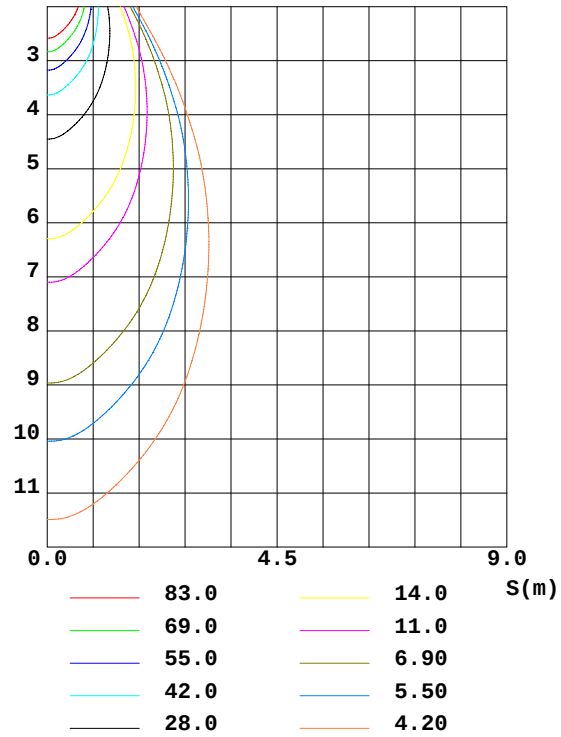
DATA OF LAMP		PHOTOMETRIC DATA			Eff: 36.49 lm/W
MODEL		Imax(cd)	554.4	S/MH(C0/180)	0.73
NOMINAL POWER(W)	10	LOR(%)	100.0	S/MH(C90/270)	0.76
RATED VOLTAGE(V)	24	TOTAL FLUX(lm)	368.74	η UP,DN(C0-180)	0.1,52.7
NOMINAL FLUX(lm)	368.738	CIE CLASS	DIRECT	η UP,DN(C180-360)	0.2,47.0
LAMPS INSIDE	1	η up(%)	0.3	CIBSE SHR NOM	0.75
TEST VOLTAGE(V)	24	η down(%)	99.7	CIBSE SHR MAX	0.80

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



AVERAGE BEAM ANGLE(50%):46.9 DEG

C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Φ zone	Φ total	%lum,lamp
10	472.1	479.3	481.1	475.8	465.6	455.9	453.0	455.9	0- 10	48.07	48.07	13,13
20	334.0	346.0	349.3	341.7	326.1	314.9	311.2	314.7	10- 20	111.7	159.8	43.3,43.3
30	185.3	195.5	198.8	192.0	174.7	165.1	161.3	165.4	20- 30	115.2	274.9	74.6,74.6
40	48.14	54.70	55.93	51.16	42.38	38.05	36.67	38.71	30- 40	66.85	341.8	92.7,92.7
50	10.16	10.83	11.06	10.65	9.435	8.743	8.550	8.884	40- 50	16.90	358.7	97.3,97.3
60	3.717	3.821	3.892	3.845	3.498	3.262	3.210	3.319	50- 60	5.317	364.0	98.7,98.7
70	1.644	1.705	1.747	1.714	1.509	1.391	1.377	1.433	60- 70	2.368	366.3	99.4,99.4
80	0.6097	0.6616	0.6852	0.6475	0.4899	0.4192	0.4097	0.4474	70- 80	1.076	367.4	99.6,99.6
90	0	0	0.0002	0	0	0	0	0	80- 90	0.2169	367.6	99.7,99.7
100	0	0	0	0	0	0	0	0	90-100	0.0000	367.6	99.7,99.7
110	0	0	0	0	0	0	0	0	100-110	0	367.6	99.7,99.7
120	0	0	0	0	0	0	0	0	110-120	0	367.6	99.7,99.7
130	0	0	0	0	0.0662	0.0711	0.0757	0.0570	120-130	0.0043	367.6	99.7,99.7
140	0.2214	0.2026	0.1932	0.2073	0.2836	0.3118	0.3071	0.2883	130-140	0.1007	367.7	99.7,99.7
150	0.5283	0.5046	0.4905	0.5046	0.5809	0.6138	0.6092	0.5950	140-150	0.2473	368.0	99.8,99.8
160	0.8727	0.8537	0.8395	0.8491	0.9253	0.9489	0.9537	0.9395	150-160	0.3294	368.3	99.9,99.9
170	1.175	1.156	1.151	1.151	1.227	1.241	1.241	1.232	160-170	0.2945	368.6	100,100
180	1.312	1.307	1.302	1.302	1.317	1.307	1.302	1.312	170-180	0.1197	368.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

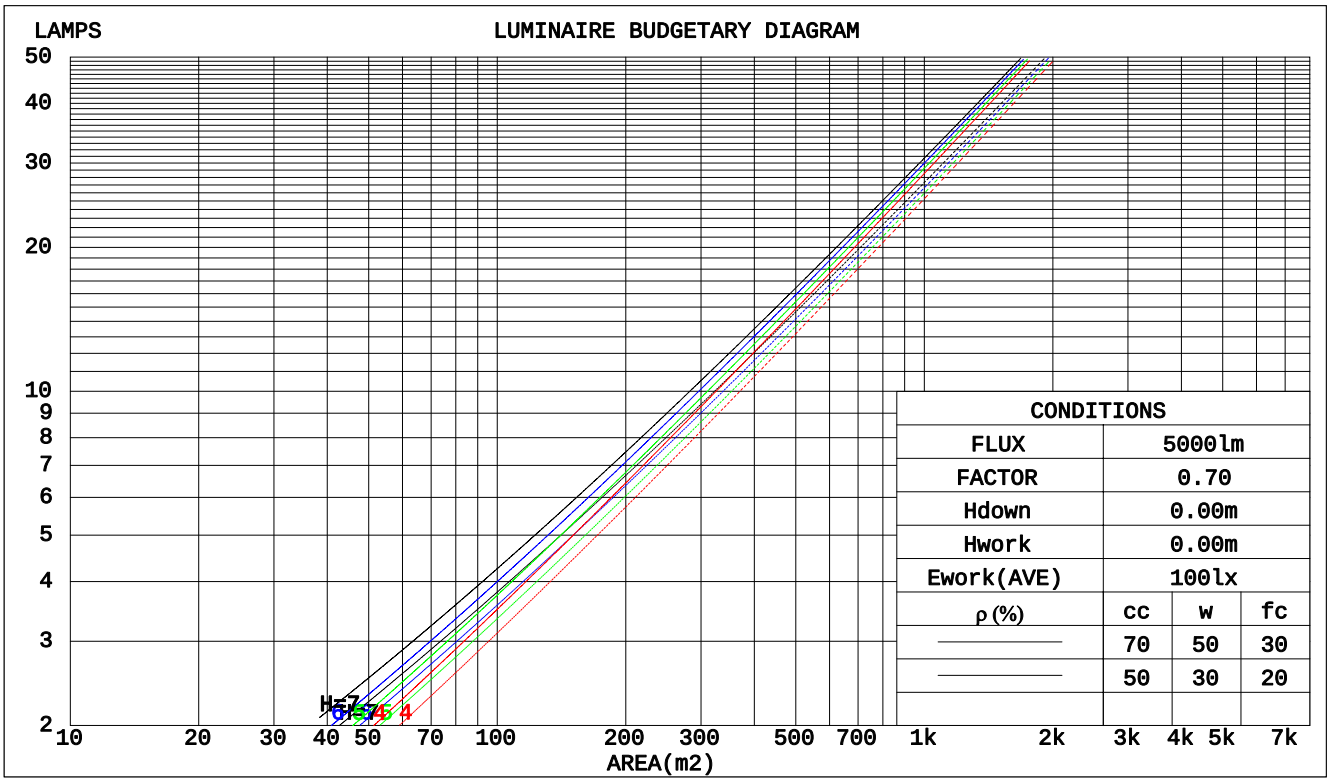
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:24.00V I:0.4210A P:10.10W PF:1.000 Lamp Flux:368.738x1 lm		
NAME: Pendant-Zoey-3000k-90RA-Inner Golden	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	.00
1.0	1.11	1.08	1.06	1.09	1.06	1.04	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.03	.99	.96	1.02	.98	.95	.98	.95	.93	.95	.93	.91	.93	.91	.89	.87
3.0	.97	.92	.88	.95	.91	.87	.93	.89	.86	.90	.87	.84	.88	.85	.83	.81
4.0	.91	.85	.81	.89	.84	.81	.87	.83	.80	.85	.82	.79	.83	.80	.78	.76
5.0	.85	.79	.75	.84	.79	.75	.82	.78	.74	.81	.77	.74	.79	.76	.73	.71
6.0	.80	.74	.70	.79	.74	.70	.78	.73	.69	.76	.72	.69	.75	.71	.68	.67
7.0	.76	.70	.66	.75	.69	.66	.74	.69	.65	.72	.68	.65	.71	.67	.65	.63
8.0	.72	.66	.62	.71	.66	.62	.70	.65	.61	.69	.64	.61	.68	.64	.61	.60
9.0	.68	.62	.58	.67	.62	.58	.66	.61	.58	.65	.61	.58	.65	.61	.58	.56
10.0	.64	.59	.55	.64	.59	.55	.63	.58	.55	.62	.58	.55	.62	.58	.55	.53



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

WEC AND CCEC

Test:U:24.00V I:0.4210A P:10.10W PF:1.000 Lamp Flux:368.738x1 lm		
NAME: Pendant-Zoey-3000k-90RA-Inner Golden	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	.175	.100	.032	.169	.096	.031	.156	.089	.029	.144	.083	.027	.133	.077	.025	
2.0	.167	.092	.028	.162	.089	.027	.151	.084	.026	.141	.079	.025	.132	.075	.024	
3.0	.159	.085	.025	.154	.083	.025	.145	.079	.024	.137	.075	.023	.129	.071	.022	
4.0	.151	.079	.023	.147	.077	.023	.139	.074	.022	.132	.071	.021	.125	.068	.021	
5.0	.144	.073	.021	.140	.072	.021	.133	.069	.020	.127	.067	.020	.121	.065	.019	
6.0	.137	.069	.020	.134	.068	.019	.128	.066	.019	.122	.064	.019	.117	.062	.018	
7.0	.131	.065	.018	.128	.064	.018	.123	.062	.018	.118	.060	.018	.113	.059	.017	
8.0	.125	.061	.017	.123	.060	.017	.118	.059	.017	.113	.057	.017	.109	.056	.016	
9.0	.120	.058	.016	.118	.057	.016	.113	.056	.016	.109	.055	.016	.106	.054	.015	
10.0	.115	.055	.015	.113	.055	.015	.109	.053	.015	.106	.052	.015	.102	.051	.015	

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	.193	.193	.193	.165	.165	.165	.112	.112	.112	.065	.065	.065	.021	.021	.021	
1.0	.173	.160	.147	.148	.137	.127	.101	.094	.088	.058	.055	.051	.019	.018	.016	
2.0	.158	.135	.115	.135	.116	.100	.093	.080	.070	.053	.047	.041	.017	.015	.013	
3.0	.145	.116	.092	.125	.100	.080	.086	.069	.056	.049	.041	.033	.016	.013	.011	
4.0	.135	.101	.075	.116	.087	.065	.080	.061	.046	.046	.036	.027	.015	.012	.009	
5.0	.126	.089	.062	.108	.077	.054	.075	.054	.038	.043	.032	.023	.014	.010	.007	
6.0	.119	.080	.052	.102	.069	.046	.070	.049	.032	.041	.029	.019	.013	.009	.006	
7.0	.112	.073	.045	.096	.063	.039	.067	.044	.028	.039	.026	.016	.013	.009	.005	
8.0	.106	.066	.039	.092	.058	.034	.063	.040	.024	.037	.024	.014	.012	.008	.005	
9.0	.101	.061	.034	.087	.053	.030	.060	.037	.021	.035	.022	.013	.011	.007	.004	
10.0	.097	.057	.030	.083	.049	.026	.058	.035	.019	.034	.020	.011	.011	.007	.004	

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Uncorrected UGR Table

Test:U:24.00V I:0.4210A P:10.10W PF:1.000 Lamp Flux:368.738x1 lm		
NAME: Pendant-Zoey-3000k-90RA-Inner Golden	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION 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	4.7	5.6	4.9	5.8	5.9	5.1	6.0	5.3	6.2	6.3
3H	4.6	5.4	4.8	5.6	5.8	5.0	5.8	5.2	6.0	6.2
4H	4.5	5.3	4.8	5.5	5.8	4.9	5.7	5.2	5.9	6.2
6H	4.5	5.2	4.8	5.5	5.7	4.8	5.6	5.1	5.8	6.1
8H	4.4	5.1	4.7	5.4	5.7	4.8	5.5	5.1	5.8	6.1
12H	4.4	5.1	4.7	5.3	5.6	4.8	5.5	5.1	5.7	6.0
4H 2H	4.5	5.3	4.8	5.5	5.7	4.9	5.7	5.1	5.9	6.1
3H	4.4	5.1	4.7	5.4	5.6	4.8	5.5	5.1	5.7	6.0
4H	4.3	5.0	4.7	5.3	5.6	4.7	5.3	5.1	5.7	6.0
6H	4.3	4.8	4.7	5.2	5.5	4.7	5.2	5.0	5.6	5.9
8H	4.2	4.8	4.6	5.1	5.5	4.6	5.1	5.0	5.5	5.9
12H	4.2	4.7	4.6	5.1	5.4	4.6	5.1	5.0	5.4	5.8
8H 4H	4.2	4.7	4.6	5.1	5.5	4.6	5.1	5.0	5.5	5.8
6H	4.2	4.6	4.6	5.0	5.4	4.6	5.0	5.0	5.4	5.8
8H	4.1	4.5	4.6	4.9	5.4	4.5	4.9	5.0	5.3	5.8
12H	4.1	4.4	4.6	4.9	5.3	4.5	4.8	5.0	5.3	5.7
12H 4H	4.2	4.6	4.6	5.0	5.4	4.6	5.0	5.0	5.4	5.8
6H	4.1	4.5	4.6	4.9	5.4	4.5	4.9	5.0	5.3	5.7
8H	4.1	4.4	4.6	4.9	5.3	4.5	4.8	5.0	5.2	5.7

Variations with the observer position at spacings:		
S = 1.0H	+ 3.0 / - 6.4	+ 3.2 / - 6.7
1.5H	+ 5.1 / - 5.4	+ 5.4 / - 5.8
2.0H	+ 4.1 / - 2.7	+ 4.4 / - 2.9

CIE Pub.117 Corrected 368.7 lm Total Lamp Luminous Flux.(8log(F/F0) = -3.5)

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

UTILIZATION FACTORS TABLE

Test:U:24.00V I:0.4210A P:10.10W PF:1.000 Lamp Flux:368.738x1 lm		
NAME: Pendant-Zoey-3000k-90RA-Inner Golden	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

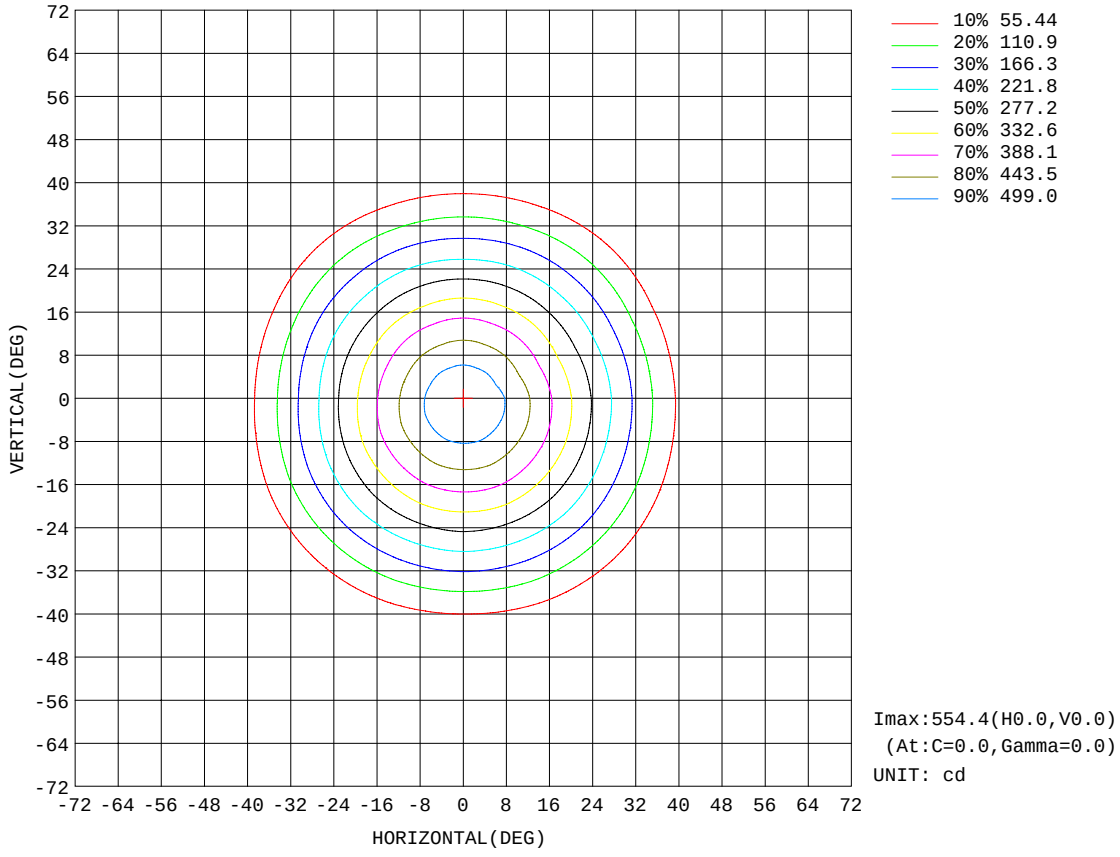
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS(PERCENT) k(RI) x RCR = 5									
k = 0.60	87	81	77	86	80	77	86	80	77	73
0.80	94	89	85	94	88	85	93	88	84	81
1.00	99	93	90	98	93	89	96	93	89	85
1.25	103	98	94	102	97	94	100	96	93	89
1.50	106	101	98	104	100	97	102	99	96	91
2.00	108	104	101	107	103	100	104	101	99	93
2.50	110	106	103	108	105	102	105	103	100	94
3.00	112	108	105	110	107	104	106	104	102	96
4.00	114	111	109	112	109	107	108	106	105	97
5.00	115	113	111	113	111	109	109	107	106	98
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:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

ISOCANDELA DIAGRAM

Test:U:24.00V I:0.4210A P:10.10W PF:1.000 Lamp Flux:368.738x1 lm		
NAME: Pendant-Zoey-3000k-90RA-Inner Golden	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



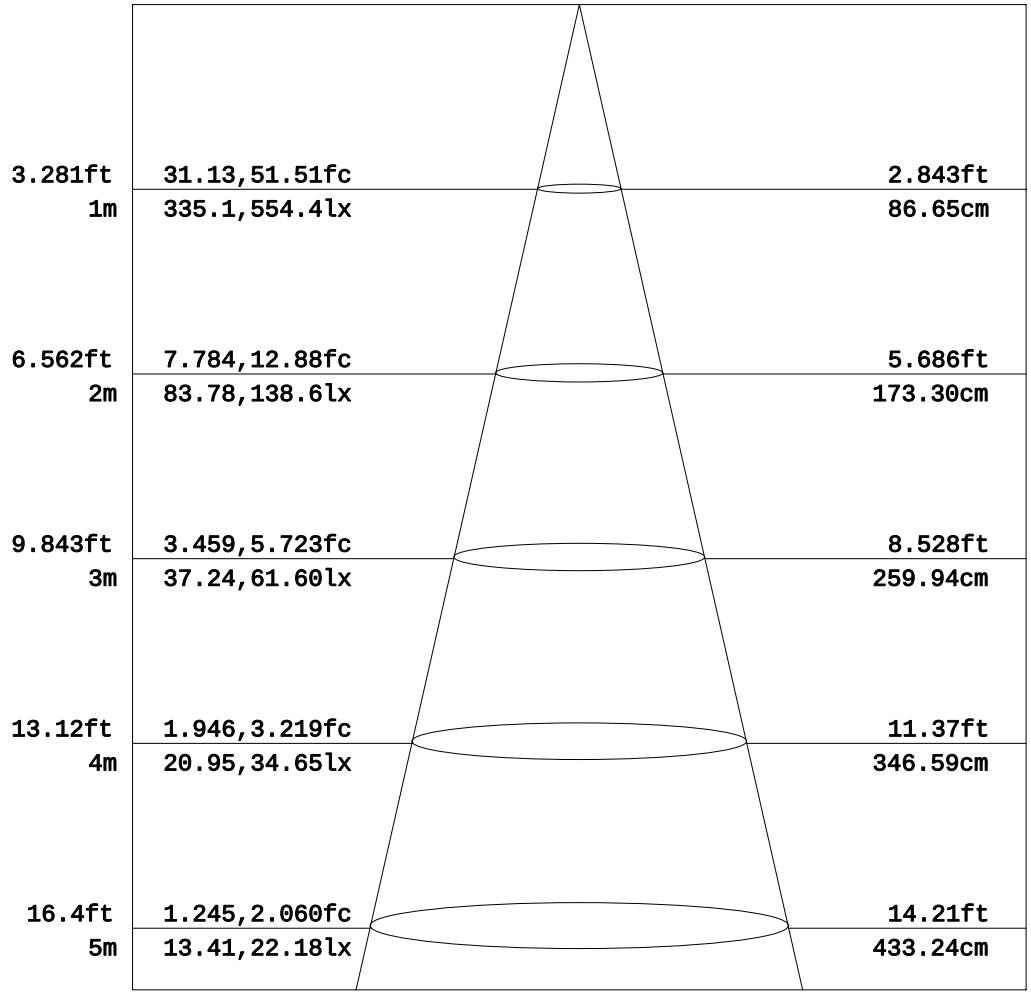
C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

AAI Figure

Test:U:24.00V I:0.4210A P:10.10W PF:1.000 Lamp Flux:368.738x1 lm		
NAME: Pendant-Zoey-3000k-90RA-Inner Golden	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Flux out:208.7 lm



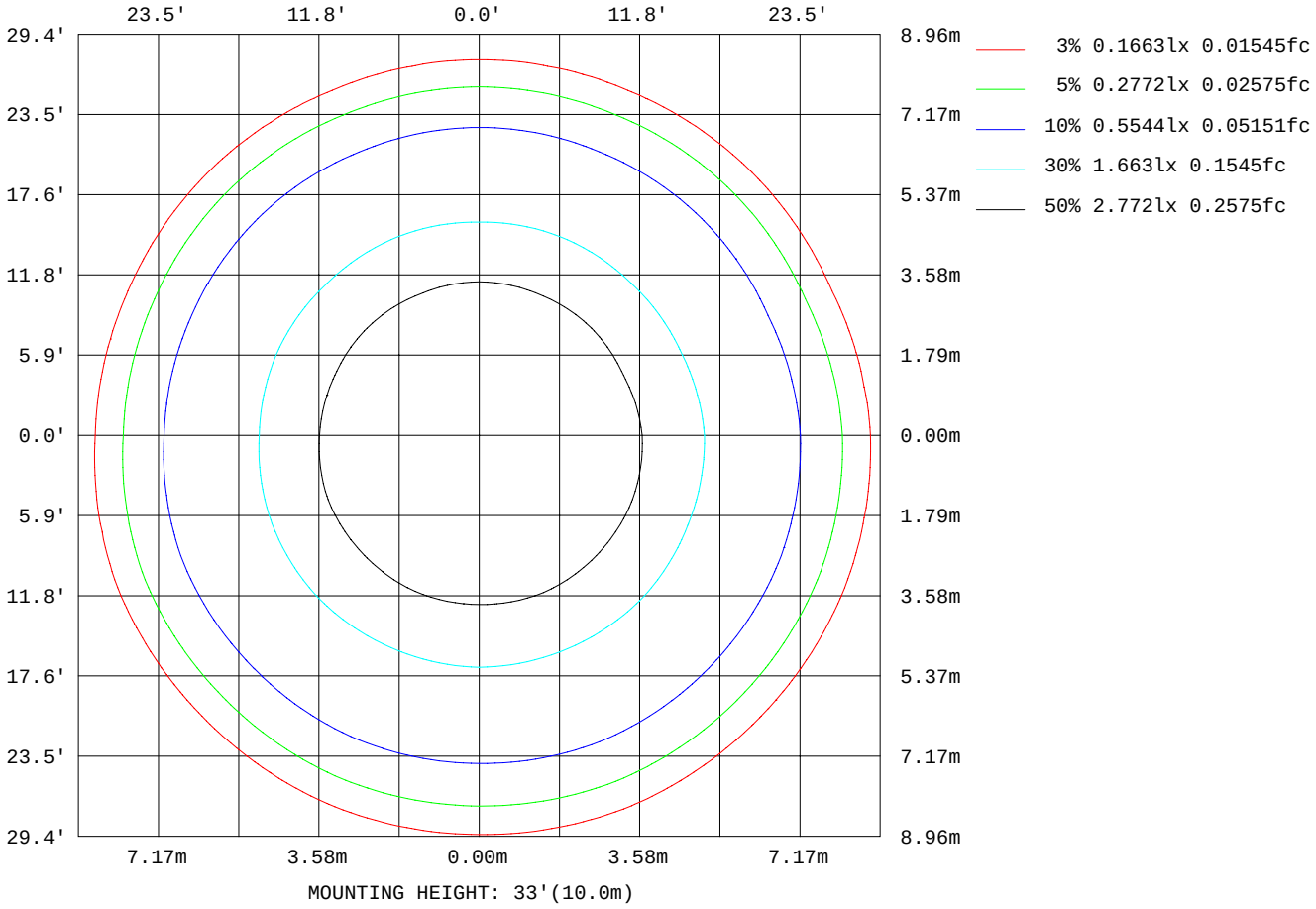
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

ISOLUX DIAGRAM

Test:U:24.00V I:0.4210A P:10.10W PF:1.000 Lamp Flux:368.738x1 lm		
NAME: Pendant-Zoey-3000k-90RA-Inner Golden	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

Test:U:24.00V I:0.4210A P:10.10W PF:1.000 Lamp Flux:368.738x1 lm		
NAME: Pendant-Zoey-3000k-90RA-Inner Golden	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	368.738	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:1996 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	102	103	104	105	105	106	107	107	107	107	107	108	107	106	105	104	103	100	97
60	74	75	76	76	76	77	77	77	78	78	78	78	78	77	77	76	74	72	70
65	57	57	57	58	59	59	59	59	60	60	60	60	59	59	59	58	56	55	53
70	48	48	48	49	50	50	50	50	51	51	51	50	50	50	50	49	47	45	44
75	41	41	41	42	43	44	43	43	44	45	44	43	43	44	43	42	40	38	37
80	35	34	34	35	37	38	37	37	38	39	38	37	37	37	37	35	32	30	28
85	24	23	23	25	29	29	27	26	29	32	30	27	27	29	27	24	20	16	13

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

CIBSE Category	Gamma (deg)	Average Luminance		Patch Luminance	
		maximum calculated	specified maximum	maximum measured	specified maximum
Category 1	55 to 90	108	200	---	500
Category 2	65 to 90	60	200	---	500
Category 3	75 to 90	45	200	---	500

Table 3. Tabulation of Average and Patch Luminance(cd/sq.m.) for defined CIBSE categories

No match

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Average Luminance Table(CIBSE)

Test:U:24.00V I:0.4210A P:10.10W PF:1.000 Lamp Flux:368.738x1 lm		
NAME: Pendant-Zoey-3000k-90RA-Inner Golden	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Parameter description for average Luminance	Symbol	Value	Unit
Luminance in Azimuth Plane	Bc	refer Table 2	cd/sq.m.
Intensity at angle Gamma in given azimuth plane	I	from data	cd/klm
Number of lamps	N	1	
Output of each lamp(initial lumens as specified)	F	368.738	lm
Multiplying factor	K	1	
Luminous area in horizontal plane used in calculations	A	0.1	sq.m.
Angle to the downward vertical from light centre	Gamma	from data	deg

Table 1. Calculation parameters for determination of CIBSE LG3:2001 Average Luminance

G	C plane(deg)																		
deg	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
55	102	103	104	105	105	106	107	107	107	107	107	108	107	106	105	104	103	100	97
60	74	75	76	76	76	77	77	77	78	78	78	78	78	77	77	76	74	72	70
65	57	57	57	58	59	59	59	59	60	60	60	60	59	59	59	58	56	55	53
70	48	48	48	49	50	50	50	50	51	51	51	50	50	50	50	49	47	45	44
75	41	41	41	42	43	44	43	43	44	45	44	43	43	44	43	42	40	38	37
80	35	34	34	35	37	38	37	37	38	39	38	37	37	37	37	35	32	30	28
85	24	23	23	25	29	29	27	26	29	32	30	27	27	29	27	24	20	16	13

Table 2. Average Luminance(cd/sq.m.) for defined C plane,Gamma angle

range (deg)	Maximum measured	Average Luminance(cd/sq.m) Maximum limit for screen type & software category used			
		Type I,II screen Some neg.s'ware	Type I,II screen Only pos.s'ware	Type III screen Some neg.s'ware	Type III screen Only pos.s'ware
55 to 90	108	1000	1500	200	500
65 to 90	60	1000	1500	200	500

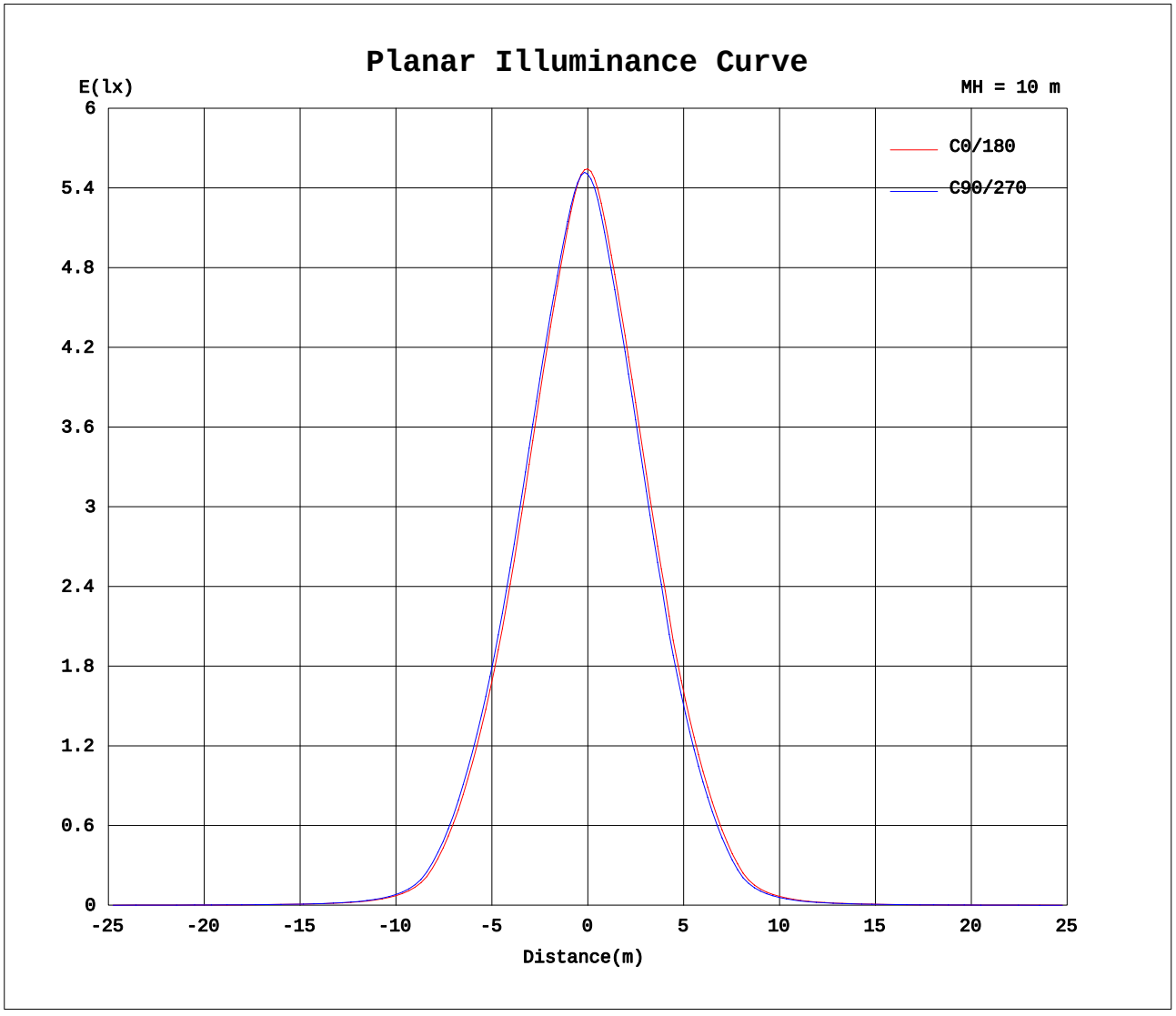
Table 3. Tabulation of average luminance(cd/sq.m.) and luminance limits

The luminaire satisifies the specified luminance criteria for
Negative Software with Type I & II Screen(Good to Moderate treatment).

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3DEG
Operators:
Test Date:2023-09-11

γ Range: 0 - 180DEG
γ Interval: 1.0DEG
Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
Humidity:65.0%
Test Distance:7.100m [K=1.0000]
Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:24.00V I:0.4210A P:10.10W PF:1.000 Lamp Flux:368.738x1 lm		
NAME: Pendant-Zoey-3000k-90RA-Inner Golden	TYPE:	WEIGHT:
DIM.:	SPEC.:	SERIAL No.:
MFR.:	SUR.:	PROTECTION ANGLE:

Table--1 UNIT: cd

γ (DEG) \ C(DEG)	0	23	45	68	90	113	135	158	180	203	225	248	270	293	315	338			
0	554	553	552	551	550	550	550	550	554	553	552	551	550	550	550	550			
5	528	531	532	534	532	532	529	526	522	517	515	512	512	512	514	516			
10	472	477	479	482	481	480	476	473	466	459	456	452	453	452	456	458			
15	408	415	418	423	421	420	414	410	401	393	390	385	386	385	390	392			
20	334	342	346	351	349	348	342	337	326	318	315	310	311	310	315	318			
25	259	262	270	271	274	268	266	258	247	244	237	236	233	235	236	243			
30	185	189	196	197	199	195	192	186	175	171	165	163	161	163	165	171			
35	113	118	121	125	123	122	117	114	103	98.0	95.4	92.2	92.5	92.5	96.4	99.6			
40	48.1	52.7	54.7	57.3	55.9	55.0	51.2	48.9	42.4	39.4	38.1	36.3	36.7	36.7	38.7	40.4			
45	20.7	22.0	22.6	23.4	23.0	22.9	21.8	21.1	19.0	17.7	17.2	16.5	16.7	16.7	17.5	18.0			
50	10.2	10.6	10.8	11.2	11.1	11.0	10.7	10.4	9.43	8.99	8.74	8.51	8.55	8.61	8.88	9.11			
55	5.83	5.99	6.02	6.15	6.12	6.17	6.04	5.94	5.55	5.32	5.21	5.10	5.12	5.15	5.31	5.40			
60	3.72	3.79	3.82	3.87	3.89	3.91	3.85	3.75	3.50	3.37	3.26	3.21	3.21	3.25	3.32	3.43			
65	2.40	2.42	2.48	2.49	2.54	2.51	2.50	2.40	2.25	2.20	2.10	2.10	2.07	2.13	2.14	2.24			
70	1.64	1.65	1.70	1.70	1.75	1.71	1.71	1.62	1.51	1.48	1.39	1.41	1.38	1.44	1.43	1.52			
75	1.07	1.07	1.13	1.11	1.15	1.12	1.13	1.04	0.95	0.93	0.86	0.88	0.85	0.91	0.89	0.97			
80	0.61	0.59	0.66	0.63	0.69	0.63	0.65	0.57	0.49	0.50	0.42	0.45	0.41	0.47	0.45	0.52			
85	0.21	0.20	0.26	0.23	0.28	0.23	0.25	0.18	0.12	0.13	0.07	0.10	0.05	0.10	0.09	0.15			
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
130	0.00	0.03	0.00	0.03	0.00	0.03	0.00	0.04	0.07	0.02	0.07	0.02	0.08	0.02	0.06	0.02			
135	0.10	0.13	0.08	0.13	0.07	0.12	0.08	0.13	0.17	0.13	0.18	0.14	0.18	0.13	0.17	0.12			
140	0.22	0.26	0.20	0.25	0.19	0.24	0.21	0.26	0.28	0.25	0.31	0.26	0.31	0.26	0.29	0.25			
145	0.37	0.41	0.35	0.39	0.34	0.38	0.35	0.41	0.43	0.40	0.45	0.41	0.46	0.41	0.44	0.39			
150	0.53	0.56	0.50	0.55	0.49	0.55	0.50	0.56	0.58	0.56	0.61	0.57	0.61	0.56	0.60	0.55			
155	0.70	0.73	0.67	0.71	0.66	0.70	0.67	0.73	0.76	0.73	0.78	0.73	0.78	0.73	0.76	0.71			
160	0.87	0.90	0.85	0.89	0.84	0.89	0.85	0.90	0.93	0.90	0.95	0.91	0.95	0.90	0.94	0.88			
165	1.04	1.08	1.01	1.05	1.01	1.06	1.01	1.07	1.09	1.06	1.11	1.06	1.10	1.07	1.10	1.05			
170	1.17	1.21	1.16	1.20	1.15	1.19	1.15	1.21	1.23	1.18	1.24	1.19	1.24	1.19	1.23	1.17			
175	1.27	1.31	1.26	1.30	1.26	1.30	1.26	1.30	1.32	1.27	1.30	1.27	1.29	1.27	1.31	1.26			
180	1.31	1.33	1.31	1.31	1.30	1.32	1.30	1.30	1.32	1.31	1.31	1.30	1.30	1.30	1.31	1.30			

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
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Test System:EVERFINE GO-2000B_V1 SYSTEM V2.0.262
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