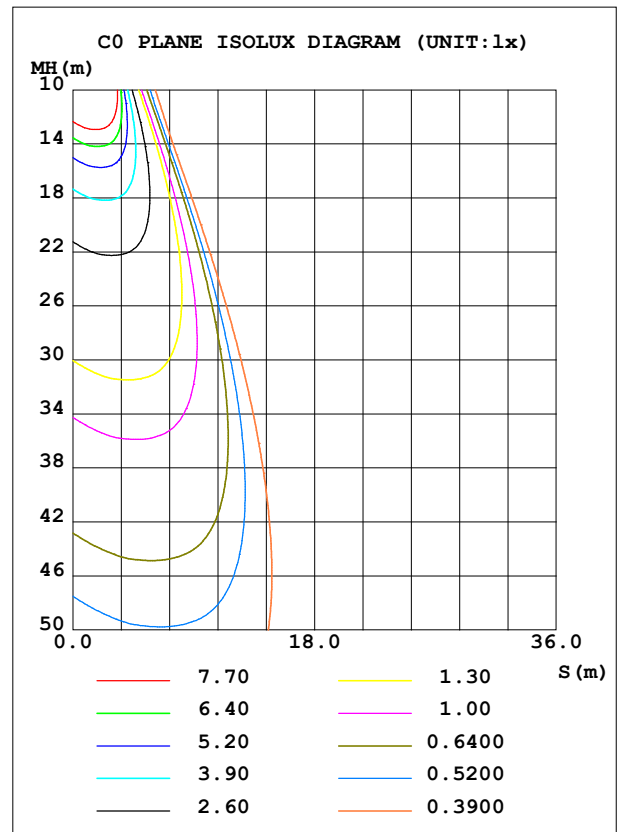
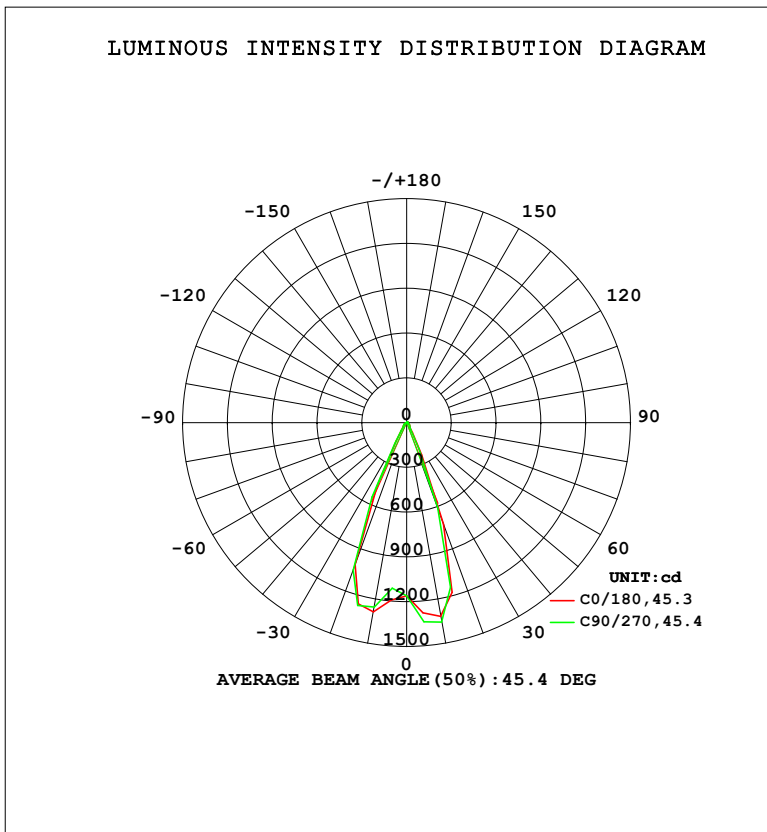


**LUMINAIRE PHOTOMETRIC TEST REPORT**

Test:U:220.36V I:0.0659A P:8.1290W PF:0.5598 Freq:50.00Hz Lamp Flux:728.697x1 lm		
NAME: 射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 27.5mm	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA				Eff: 89.64 lm/W
MODEL	322B	I <sub>max</sub> (cd)	1369	S/MH (C0/180)	0.69	
NOMINAL POWER (W)	8	LOR (%)	100.0	S/MH (C90/270)	0.71	
RATED VOLTAGE (V)	220	TOTAL FLUX (lm)	728.70	η UP, DN (C0-180)	0.5, 45.2	
NOMINAL FLUX (lm)	728.697	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.5, 53.7	
LAMPS INSIDE	1	η up (%)	1.1	CIBSE SHR NOM	0.00	
TEST VOLTAGE (V)	219.5	η down (%)	98.9	CIBSE SHR MAX	0.30	



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-11-10

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [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	1317	1359	1357	1355	1288	1206	1254	1283	0- 10	119.3	119.3	16.4,16.4
20	725.1	619.6	607.9	818.1	1011	1038	1052	882.9	10- 20	319.0	438.3	60.1,60.1
30	78.50	65.46	64.21	89.28	140.2	166.5	162.2	102.0	20- 30	187.2	625.4	85.8,85.8
40	33.60	31.92	31.10	33.15	37.64	39.63	39.80	35.73	30- 40	38.50	664.0	91.1,91.1
50	26.03	25.19	25.18	25.64	26.77	27.49	27.40	26.92	40- 50	23.38	687.3	94.3,94.3
60	16.24	14.52	14.77	16.59	18.71	19.73	19.46	18.32	50- 60	19.83	707.2	97,97
70	4.494	3.719	3.912	4.899	6.208	6.985	6.773	5.704	60- 70	10.78	717.9	98.5,98.5
80	0.3713	0.4094	0.4476	0.6316	0.6830	1.089	1.040	0.7607	70- 80	2.719	720.7	98.9,98.9
90	0.0119	0.0060	0.0061	0.0061	0.0239	0.0180	0.0241	0.0303	80- 90	0.2491	720.9	98.9,98.9
100	0.0119	0.0060	0.0060	0.0061	0.0656	0.0600	0.0542	0.0666	90-100	0.0291	720.9	98.9,98.9
110	0.0594	0.0658	0.0662	0.0423	0.1193	0.1140	0.1086	0.1152	100-110	0.0604	721.0	98.9,98.9
120	0.3686	0.4189	0.3969	0.2960	0.4176	0.3423	0.3380	0.4426	110-120	0.1976	721.2	99,99
130	1.279	1.365	1.324	1.143	1.371	1.224	1.249	1.436	120-130	0.7132	721.9	99.1,99.1
140	2.482	2.588	2.510	2.322	2.634	2.489	2.532	2.701	130-140	1.467	723.4	99.3,99.3
150	3.721	3.817	3.746	3.533	3.878	3.724	3.748	3.893	140-150	1.974	725.4	99.5,99.5
160	4.133	4.214	4.151	4.073	4.270	4.250	4.265	4.278	150-160	1.874	727.2	99.8,99.8
170	3.568	3.585	3.663	3.680	3.627	3.626	3.686	3.655	160-170	1.130	728.4	100,100
180	3.431	3.501	3.464	3.540	3.437	3.459	3.428	3.516	170-180	0.3380	728.7	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 676 lm

%lum = 92.8%

%lamp = 92.8%

Conical surface Flux(130deg): 713.93 lm

%lum = 98.0%

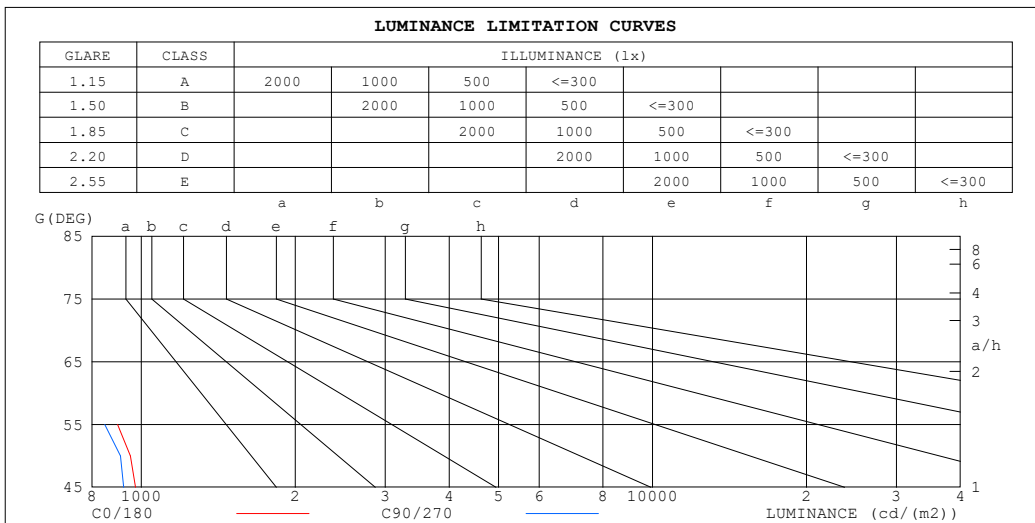
%lamp = 98.0%

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**LUMINANCE LIMITATION CURVES**

Test:U:220.36V I:0.0659A P:8.1290W PF:0.5598 Freq:50.00Hz Lamp Flux:728.697x1 lm		
NAME: 射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 27.5mm	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	10	11
80	50	60
75	143	135
70	309	266
65	519	466
60	764	687
55	899	848
50	952	910
45	974	924

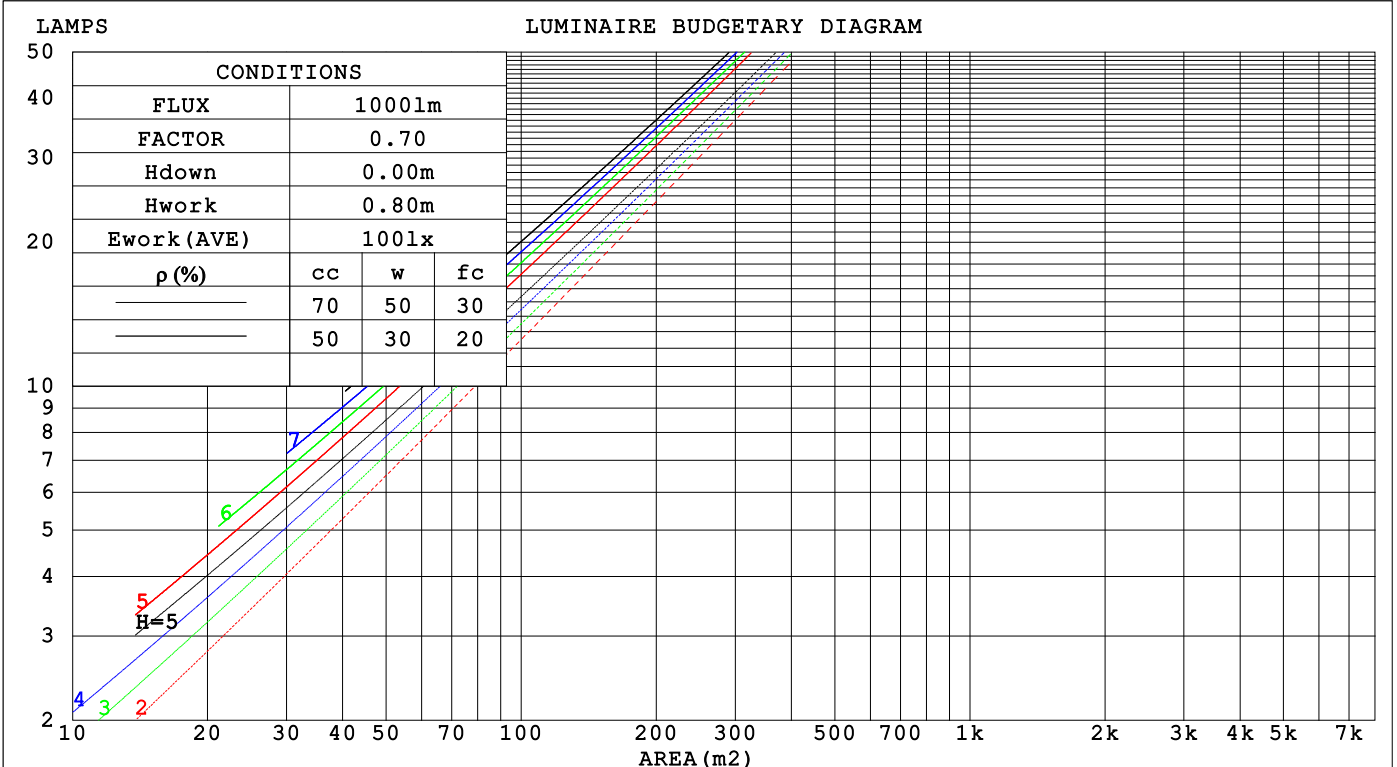
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-10

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220.36V I:0.0659A P:8.1290W PF:0.5598 Freq:50.00Hz Lamp Flux:728.697x1 lm		
NAME: 射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 27.5mm	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						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	1.01	1.01	1.01	.99
1.0	1.11	1.09	1.07	1.09	1.07	1.05	1.05	1.03	1.01	1.01	.99	.98	.97	.96	.95	.93
2.0	1.04	1.00	.97	1.02	.99	.96	.99	.96	.94	.96	.94	.92	.93	.91	.90	.88
3.0	.98	.94	.90	.97	.93	.89	.94	.91	.88	.91	.89	.86	.89	.87	.85	.83
4.0	.93	.88	.84	.92	.87	.83	.89	.85	.82	.87	.84	.81	.85	.83	.80	.79
5.0	.88	.83	.79	.87	.82	.79	.85	.81	.78	.83	.80	.77	.82	.79	.76	.75
6.0	.84	.78	.75	.83	.78	.74	.81	.77	.74	.80	.76	.73	.78	.75	.73	.71
7.0	.80	.74	.71	.79	.74	.71	.78	.73	.70	.77	.73	.70	.75	.72	.69	.68
8.0	.76	.71	.67	.76	.71	.67	.74	.70	.67	.73	.69	.67	.72	.69	.66	.65
9.0	.73	.68	.64	.72	.67	.64	.71	.67	.64	.71	.67	.64	.70	.66	.63	.62
10.0	.70	.65	.61	.69	.65	.61	.69	.64	.61	.68	.64	.61	.67	.63	.61	.60



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-10

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

WEC AND CCEC

Test:U:220.36V I:0.0659A P:8.1290W PF:0.5598 Freq:50.00Hz								
Lamp Flux:728.697x1 lm								
NAME: 射灯			TYPE:			WEIGHT:		
SPEC.:			DIM.:			SERIAL No.:		
MFR.: EVERFINE			SUR.: 27.5mm			Shielding Angle:		

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.166	.095	.030	.159	.091	.029	.146	.084	.027	.134	.077	.025	.123	.071	.023	
2.0	.157	.086	.026	.151	.083	.026	.140	.078	.024	.130	.073	.023	.121	.068	.022	
3.0	.148	.079	.024	.143	.077	.023	.134	.072	.022	.125	.069	.021	.117	.065	.020	
4.0	.140	.073	.021	.135	.071	.021	.127	.068	.020	.120	.064	.019	.113	.061	.019	
5.0	.132	.067	.020	.128	.066	.019	.121	.063	.019	.115	.061	.018	.109	.058	.017	
6.0	.125	.063	.018	.122	.062	.018	.116	.059	.017	.110	.057	.017	.105	.055	.016	
7.0	.119	.059	.017	.116	.058	.017	.111	.056	.016	.106	.054	.016	.101	.052	.015	
8.0	.114	.056	.016	.111	.055	.015	.106	.053	.015	.102	.052	.015	.097	.050	.015	
9.0	.109	.053	.015	.106	.052	.015	.102	.050	.014	.098	.049	.014	.094	.048	.014	
10.0	.104	.050	.014	.102	.049	.014	.098	.048	.014	.094	.047	.013	.091	.046	.013	

$\rho_{CC}$	80%			70%			50%			30%			10%			0
$\rho_w$	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
$\rho_{fc}$	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0																
1.0	.199	.199	.199	.170	.170	.170	.116	.116	.116	.067	.067	.067	.021	.021	.021	
2.0	.179	.166	.154	.153	.142	.132	.105	.098	.092	.060	.057	.053	.019	.018	.017	
3.0	.163	.141	.123	.139	.121	.106	.095	.084	.074	.055	.049	.043	.018	.016	.014	
4.0	.149	.122	.100	.128	.105	.087	.088	.073	.061	.051	.043	.036	.016	.014	.012	
5.0	.138	.107	.083	.119	.092	.072	.082	.064	.051	.047	.038	.030	.015	.012	.010	
6.0	.129	.095	.070	.111	.082	.061	.076	.057	.043	.044	.034	.026	.014	.011	.008	
7.0	.121	.086	.060	.104	.074	.052	.072	.052	.037	.042	.030	.022	.013	.010	.007	
8.0	.114	.078	.052	.098	.067	.046	.068	.047	.032	.039	.028	.019	.013	.009	.006	
9.0	.108	.071	.046	.093	.062	.040	.064	.043	.029	.037	.026	.017	.012	.008	.006	
10.0	.102	.066	.041	.088	.057	.036	.061	.040	.026	.036	.024	.015	.012	.008	.005	

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**UGR(Unified Glare Rating) Table**

Test:U:220.36V I:0.0659A P:8.1290W PF:0.5598 Freq:50.00Hz Lamp Flux:728.697x1 lm		
NAME: 射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 27.5mm	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	6.9	7.7	7.1	7.9	8.1	6.6	7.4	6.8	7.6	7.8
3H	7.1	7.9	7.4	8.1	8.3	6.8	7.5	7.0	7.7	8.0
4H	7.1	7.8	7.4	8.1	8.3	6.7	7.4	7.0	7.7	7.9
6H	7.0	7.7	7.3	8.0	8.2	6.6	7.3	6.9	7.6	7.8
8H	7.0	7.6	7.3	7.9	8.2	6.6	7.3	6.9	7.5	7.8
12H	6.9	7.6	7.2	7.8	8.1	6.5	7.2	6.9	7.5	7.8
4H 2H	7.1	7.8	7.4	8.0	8.3	6.8	7.5	7.1	7.8	8.0
3H	7.3	8.0	7.7	8.3	8.6	7.0	7.7	7.4	7.9	8.2
4H	7.3	7.9	7.7	8.2	8.5	7.0	7.6	7.3	7.9	8.2
6H	7.2	7.7	7.6	8.1	8.4	6.9	7.4	7.3	7.7	8.1
8H	7.2	7.6	7.6	8.0	8.4	6.8	7.3	7.2	7.7	8.1
12H	7.1	7.5	7.5	7.9	8.3	6.8	7.2	7.2	7.6	8.0
8H 4H	7.2	7.7	7.6	8.0	8.4	6.9	7.3	7.3	7.7	8.1
6H	7.1	7.5	7.5	7.9	8.3	6.8	7.2	7.2	7.6	8.0
8H	7.0	7.4	7.5	7.8	8.3	6.7	7.1	7.2	7.5	7.9
12H	7.0	7.3	7.5	7.7	8.2	6.6	6.9	7.1	7.4	7.9
12H 4H	7.1	7.6	7.6	8.0	8.4	6.8	7.2	7.2	7.6	8.0
6H	7.0	7.4	7.5	7.8	8.3	6.7	7.1	7.2	7.5	7.9
8H	7.0	7.3	7.5	7.7	8.2	6.6	6.9	7.1	7.4	7.9

Variations with the observer position at spacings(CIE Pub.117):		
S = 1.0H	+ 0.1 / - 0.4	+ 0.3 / - 0.5
1.5H	+ 0.6 / - 0.9	+ 0.7 / - 1.2
2.0H	+ 1.4 / - 2.1	+ 1.4 / - 2.1

CIE Pub.117, 728.7 lm Total Lamp Luminous Flux Correct (8log(F/F0) = -1.1)  
Area: 0.043 m2

C Range: 0 - 360DEG  
C Interval: 22.5DEG  
Test Speed: HIGH  
Temperature:25.3°C  
Operators:DAMIN  
Test Date:2023-11-10

γ Range: 0 - 180DEG  
γ Interval: 5.0DEG  
Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
Humidity:65.0%  
Test Distance:9.401m [K=1.0000]  
Remarks:

**UTILIZATION FACTORS TABLE**

Test:U:220.36V I:0.0659A P:8.1290W PF:0.5598 Freq:50.00Hz Lamp Flux:728.697x1 lm		
NAME: 射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 27.5mm	Shielding Angle:

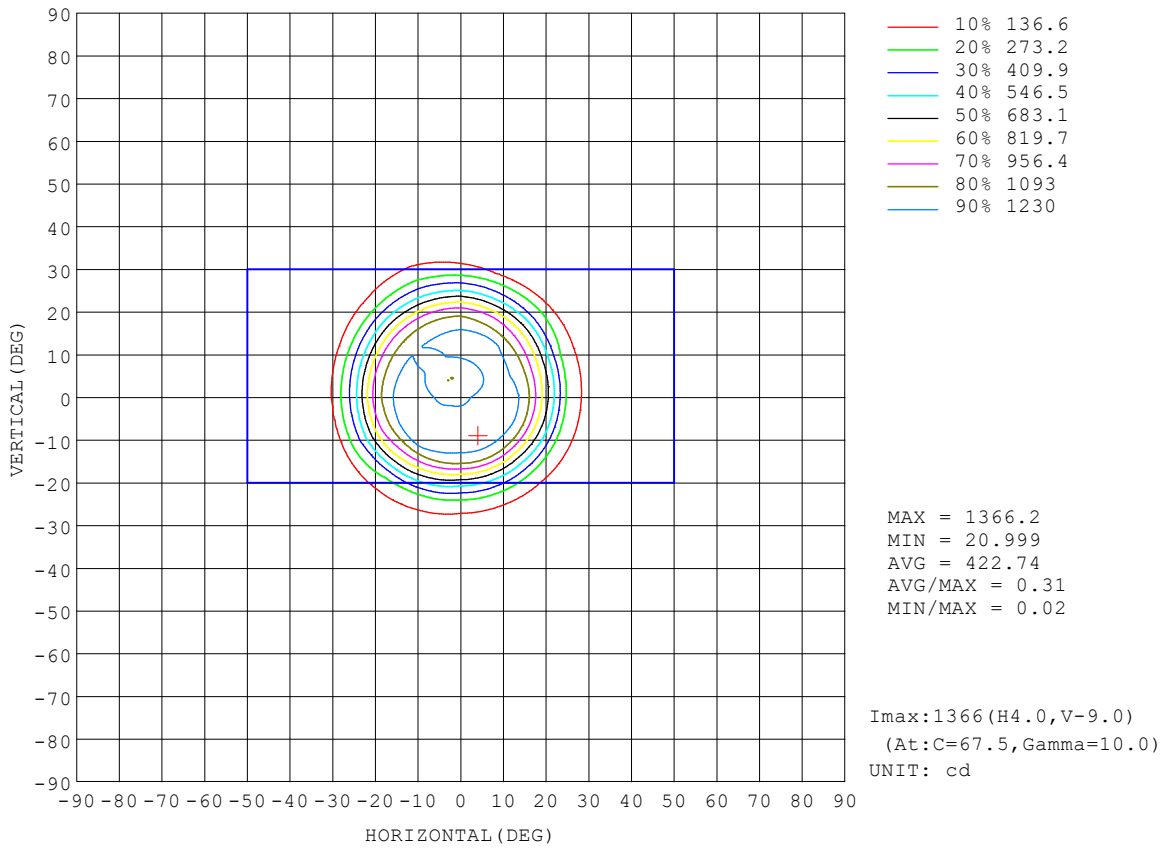
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	86	79	76	85	79	75	85	79	75	72
0.80	93	87	84	93	87	83	91	86	83	79
1.00	98	92	88	97	92	88	95	91	88	83
1.25	102	97	93	101	96	93	99	95	92	87
1.50	105	100	96	104	99	96	101	98	95	90
2.00	108	103	100	106	102	99	103	100	98	92
2.50	110	106	102	108	104	101	105	102	99	93
3.00	111	108	105	109	106	104	106	103	101	95
4.00	113	110	108	111	109	107	107	105	104	96
5.00	115	112	110	112	110	109	108	107	105	97
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:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-10

$\gamma$  Range: 0 - 180DEG  
 $\gamma$  Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**ISOCANDELA DIAGRAM**

Test:U:220.36V I:0.0659A P:8.1290W PF:0.5598 Freq:50.00Hz Lamp Flux:728.697x1 lm		
NAME: 射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 27.5mm	Shielding Angle:



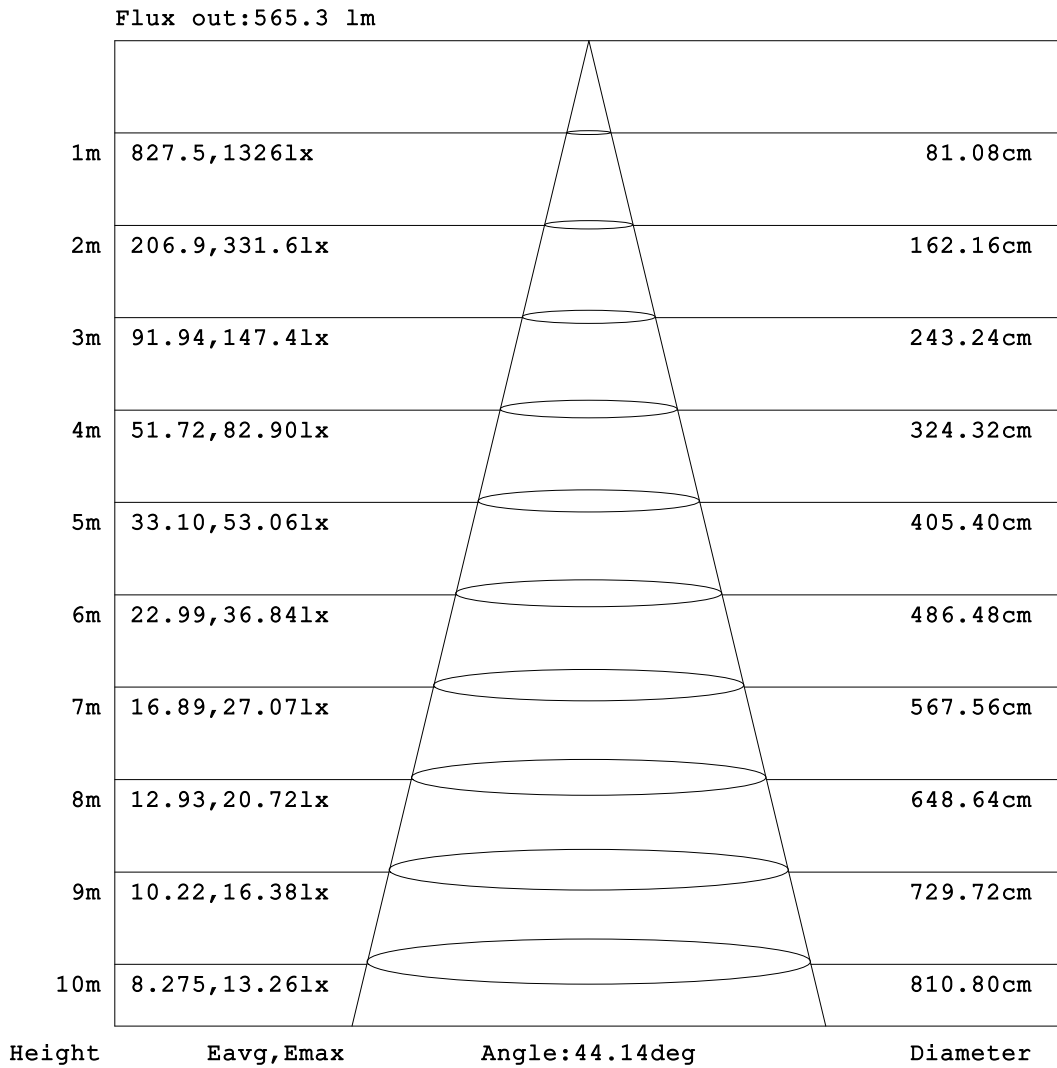
C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-10

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:



**AAI Figure**

Test:U:220.36V I:0.0659A P:8.1290W PF:0.5598 Freq:50.00Hz Lamp Flux:728.697x1 lm		
NAME: 射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 27.5mm	Shielding Angle:



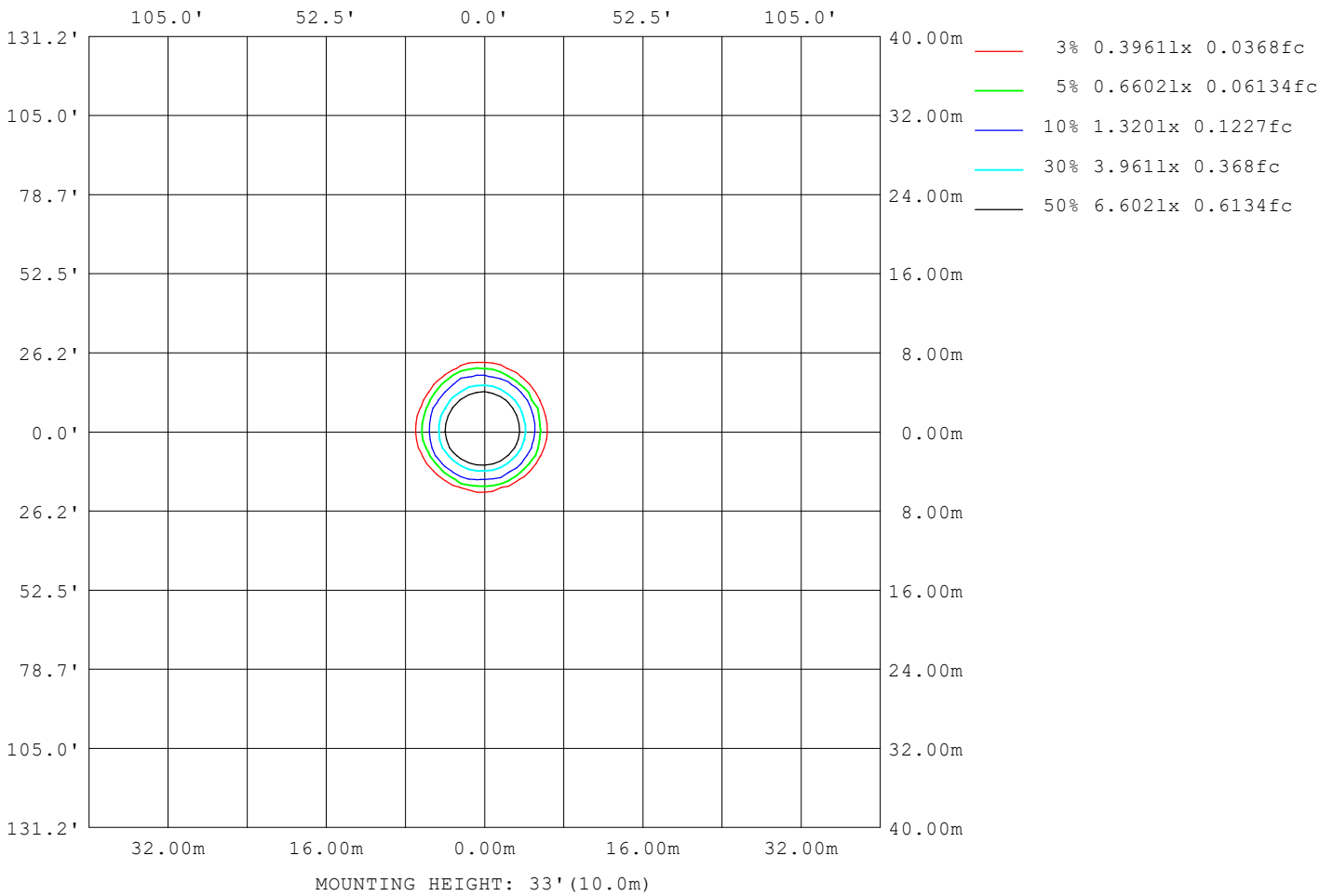
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-11-10

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [K=1.0000]  
 Remarks:

**ISOLUX DIAGRAM**

Test:U:220.36V I:0.0659A P:8.1290W PF:0.5598 Freq:50.00Hz Lamp Flux:728.697x1 lm		
NAME: 射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 27.5mm	Shielding Angle:



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3°C  
 Operators:DAMIN  
 Test Date:2023-11-10

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**LED Avg.L Report**

Test:U:220.36V I:0.0659A P:8.1290W PF:0.5598 Freq:50.00Hz Lamp Flux:728.697x1 lm		
NAME: 射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 27.5mm	Shielding Angle:

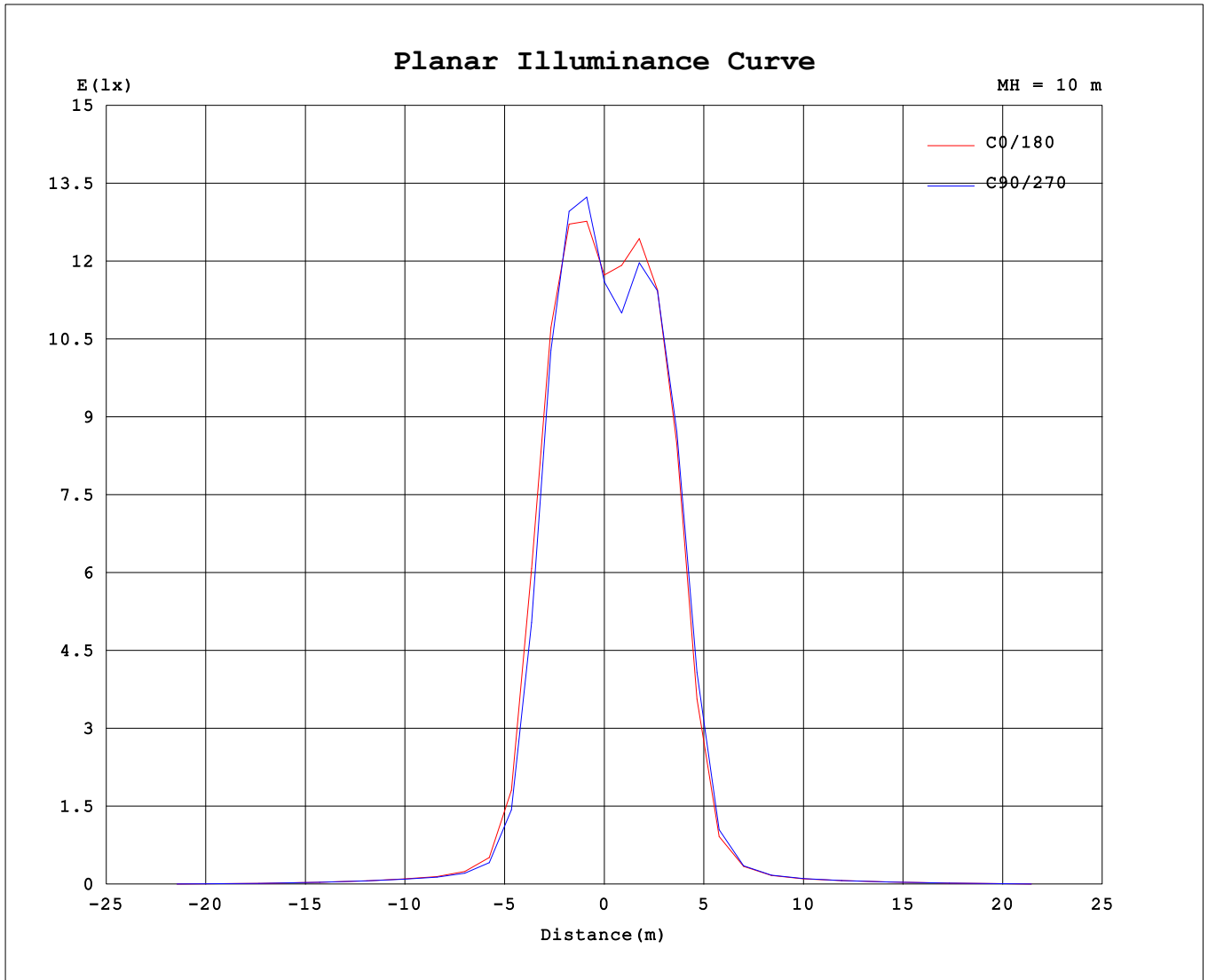
AvgL	cd/m2
L_0~180 (65) av	569
L_0~180 (75) av	181
L_0~180 (85) av	12
L_90~270 (65) av	583
L_90~270 (75) av	200
L_90~270 (85) av	35
L_45 (65) av	576
L_45 (75) av	196
L_45 (85) av	31

Standard: GB/T 29293-2012

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature:25.3℃  
 Operators:DAMIN  
 Test Date:2023-11-10

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System:EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity:65.0%  
 Test Distance:9.401m [K=1.0000]  
 Remarks:

**Planar Illuminance Curve**



C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
 Test Speed: HIGH  
 Temperature: 25.3°C  
 Operators: DAMIN  
 Test Date: 2023-11-10

γ Range: 0 - 180DEG  
 γ Interval: 5.0DEG  
 Test System: EVERFINE GO-2000B\_V1 SYSTEM V2.00.473  
 Humidity: 65.0%  
 Test Distance: 9.401m [K=1.0000]  
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220.36V I:0.0659A P:8.1290W PF:0.5598 Freq:50.00Hz Lamp Flux:728.697x1 lm		
NAME: 射灯	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.: 27.5mm	Shielding Angle:

Table--1

UNIT: cd

C (DEG) \ γ (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	1161	1161	1161	1161	1161	1161	1161	1161	1161	1161	1161	1161	1161	1161	1161	1161			
5	1278	1314	1332	1343	1339	1326	1296	1246	1193	1140	1089	1090	1114	1158	1195	1241			
10	1317	1351	1359	1369	1357	1360	1355	1335	1288	1244	1206	1228	1254	1274	1283	1295			
15	1177	1175	1148	1146	1142	1199	1248	1276	1256	1235	1222	1239	1268	1260	1221	1185			
20	725	683	620	607	608	705	818	958	1011	1023	1038	1053	1052	976	883	783			
25	241	215	185	185	193	243	303	448	474	512	554	563	549	471	408	290			
30	78.5	73.8	65.5	63.3	64.2	74.0	89.3	118	140	149	167	215	162	129	102	86.0			
35	44.7	42.9	40.3	39.2	39.0	41.2	45.6	56.0	62.1	62.6	65.1	66.3	65.6	58.5	52.0	46.8			
40	33.6	32.9	31.9	31.6	31.1	32.0	33.1	35.8	37.6	38.4	39.6	40.2	39.8	37.8	35.7	34.3			
45	29.3	28.9	28.3	28.3	28.1	28.4	28.7	29.6	30.4	30.7	31.3	31.5	31.3	30.9	30.3	29.5			
50	26.0	25.7	25.2	25.2	25.2	25.5	25.6	26.2	26.8	27.1	27.5	27.5	27.4	27.3	26.9	26.3			
55	21.9	21.6	21.1	21.0	20.9	21.4	21.8	22.6	23.2	23.7	23.9	24.0	23.9	23.7	23.1	22.4			
60	16.2	15.3	14.5	14.7	14.8	16.1	16.6	17.6	18.7	19.4	19.7	19.5	19.5	19.0	18.3	17.1			
65	9.33	8.94	8.35	8.49	8.48	9.24	9.73	10.8	11.4	12.2	12.8	13.0	12.7	11.9	11.0	9.99			
70	4.49	4.13	3.72	3.80	3.91	4.43	4.90	5.66	6.21	6.60	6.99	6.93	6.77	6.24	5.70	5.00			
75	1.57	1.49	1.41	1.41	1.50	1.68	1.92	2.24	2.46	2.85	3.07	3.07	2.95	2.63	2.30	1.94			
80	0.37	0.32	0.41	0.36	0.45	0.49	0.63	0.69	0.68	0.94	1.09	1.13	1.04	0.95	0.76	0.60			
85	0.04	0.01	0.04	0.01	0.04	0.01	0.10	0.07	0.05	0.18	0.23	0.29	0.22	0.23	0.10	0.10			
90	0.01	0.02	0.01	0.02	0.01	0.02	0.01	0.02	0.02	0.03	0.02	0.04	0.02	0.02	0.03	0.02			
95	0.01	0.04	0.01	0.04	0.01	0.03	0.01	0.02	0.04	0.02	0.04	0.02	0.04	0.02	0.04	0.02			
100	0.01	0.05	0.01	0.06	0.01	0.05	0.01	0.05	0.07	0.02	0.06	0.02	0.05	0.02	0.07	0.02			
105	0.02	0.08	0.03	0.08	0.03	0.07	0.01	0.07	0.09	0.02	0.08	0.02	0.08	0.02	0.08	0.04			
110	0.06	0.13	0.07	0.13	0.07	0.12	0.04	0.10	0.12	0.05	0.11	0.05	0.11	0.06	0.12	0.08			
115	0.14	0.22	0.17	0.23	0.16	0.20	0.11	0.16	0.20	0.13	0.17	0.10	0.17	0.13	0.21	0.19			
120	0.37	0.46	0.42	0.48	0.40	0.41	0.30	0.31	0.42	0.31	0.34	0.26	0.34	0.33	0.44	0.45			
125	0.76	0.86	0.84	0.89	0.81	0.79	0.65	0.63	0.82	0.69	0.70	0.63	0.71	0.71	0.87	0.91			
130	1.28	1.39	1.37	1.42	1.32	1.30	1.14	1.10	1.37	1.23	1.22	1.17	1.25	1.27	1.44	1.50			
135	1.86	1.98	1.96	2.00	1.90	1.87	1.71	1.66	2.00	1.86	1.85	1.79	1.89	1.91	2.07	2.12			
140	2.48	2.61	2.59	2.62	2.51	2.47	2.32	2.28	2.63	2.50	2.49	2.43	2.53	2.56	2.70	2.75			
145	3.15	3.28	3.25	3.29	3.16	3.11	2.95	2.91	3.29	3.14	3.13	3.09	3.16	3.20	3.33	3.40			
150	3.72	3.86	3.82	3.88	3.75	3.71	3.53	3.49	3.88	3.73	3.72	3.67	3.75	3.77	3.89	3.94			
155	4.08	4.20	4.15	4.20	4.11	4.10	3.93	3.92	4.25	4.13	4.16	4.10	4.18	4.17	4.28	4.25			
160	4.13	4.15	4.21	4.17	4.15	4.10	4.07	4.04	4.27	4.24	4.25	4.25	4.26	4.29	4.28	4.30			
165	3.92	3.89	3.93	3.95	4.00	3.94	3.98	3.91	4.03	4.07	4.03	4.15	4.09	4.17	4.01	4.02			
170	3.57	3.55	3.59	3.60	3.66	3.60	3.68	3.66	3.63	3.68	3.63	3.71	3.69	3.76	3.65	3.67			
175	3.43	3.45	3.51	3.49	3.48	3.48	3.55	3.51	3.43	3.46	3.46	3.44	3.43	3.53	3.52	3.51			
180	3.43	3.45	3.50	3.47	3.46	3.48	3.54	3.52	3.44	3.43	3.46	3.43	3.43	3.49	3.52	3.51			

C Range: 0 - 360DEG  
 C Interval: 22.5DEG  
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