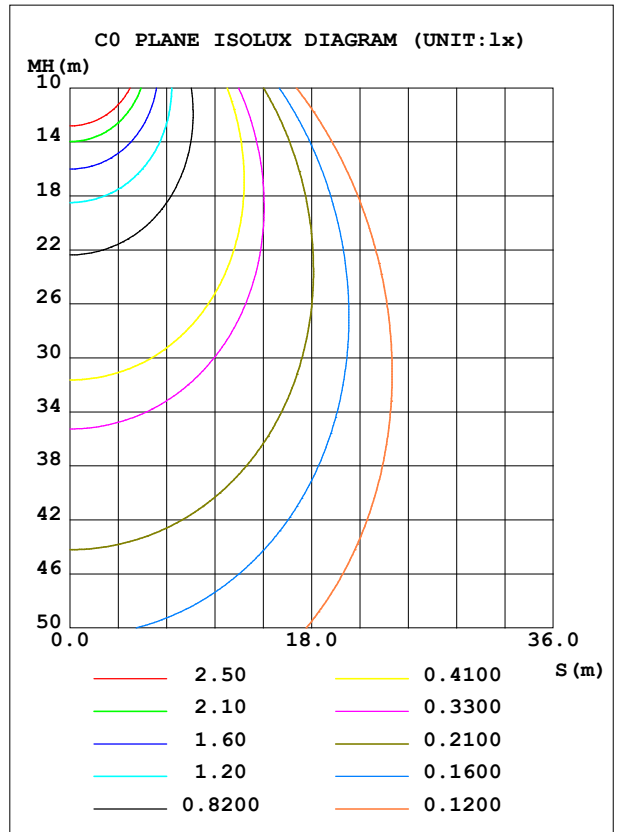
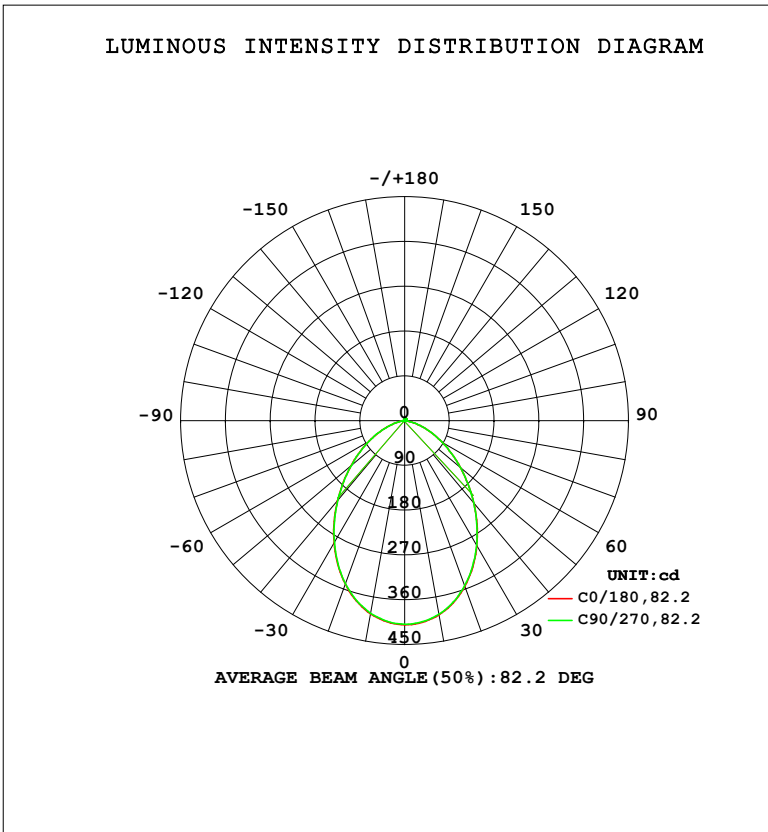


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:230.64V I:0.0358A P:7.5834W PF:0.9180 Freq:50.00Hz Lamp Flux:782.85x1 lm		
NAME: R771 XB34A (4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA			
MODEL		Imax (cd)	410.2	S/MH (C0/180)	1.07
NOMINAL POWER (W)	7.5	LOR (%)	100.0	S/MH (C90/270)	1.06
RATED VOLTAGE (V)	230	TOTAL FLUX (lm)	782.85	η UP, DN (C0-180)	0.9,49.8
NOMINAL FLUX (lm)	782.85	CIE CLASS	DIRECT	η UP, DN (C180-360)	0.9,48.4
LAMPS INSIDE	1	η up (%)	1.8	CIBSE SHR NOM	1.00
TEST VOLTAGE (V)	230	η down (%)	98.2	CIBSE SHR MAX	1.15



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:12.020m [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	396.5	396.1	395.4	394.3	394.4	393.5	393.1	393.5	0- 10	38.36	38.36	4.9,4.9
20	354.3	354.2	353.1	351.4	349.6	348.4	348.4	349.6	10- 20	105.6	144.0	18.4,18.4
30	290.4	290.5	289.4	287.0	283.9	282.8	282.9	284.8	20- 30	147.2	291.2	37.2,37.2
40	216.6	217.1	216.1	213.6	210.1	209.0	209.1	211.3	30- 40	155.9	447.1	57.1,57.1
50	146.4	147.0	146.2	144.0	140.8	139.9	140.1	141.8	40- 50	136.5	583.7	74.6,74.6
60	87.06	87.69	87.19	85.48	82.89	82.50	82.62	83.73	50- 60	100.9	684.6	87.4,87.4
70	40.41	40.90	40.59	39.51	37.46	37.34	37.36	37.96	60- 70	60.13	744.7	95.1,95.1
80	7.816	7.590	7.993	7.094	6.460	6.049	6.442	6.109	70- 80	22.65	767.3	98,98
90	0.3283	0.3283	0.3377	0.3189	0.3189	0.3190	0.3098	0.3097	80- 90	1.733	769.1	98.2,98.2
100	0.6000	0.5909	0.6001	0.6185	0.6571	0.6661	0.6570	0.6568	90-100	0.4916	769.6	98.3,98.3
110	1.144	1.116	1.135	1.171	1.182	1.182	1.182	1.154	100-110	0.9308	770.5	98.4,98.4
120	1.838	1.819	1.829	1.837	1.848	1.857	1.848	1.820	110-120	1.473	772.0	98.6,98.6
130	2.653	2.616	2.634	2.653	2.646	2.636	2.636	2.589	120-130	1.992	773.9	98.9,98.9
140	3.479	3.451	3.470	3.479	3.490	3.480	3.452	3.405	130-140	2.352	776.3	99.2,99.2
150	4.277	4.230	4.229	4.266	4.286	4.268	4.240	4.211	140-150	2.418	778.7	99.5,99.5
160	4.943	4.942	4.952	4.943	4.980	4.971	4.933	4.915	150-160	2.124	780.8	99.7,99.7
170	5.476	5.449	5.458	5.458	5.525	5.506	5.524	5.487	160-170	1.474	782.3	99.9,99.9
180	5.721	5.721	5.712	5.712	5.702	5.712	5.730	5.721	170-180	0.5352	782.9	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 519.15 lm

%lum = 66.3%
%lamp = 66.3%

Conical surface Flux(120deg): 684.55 lm

%lum = 87.4%
%lamp = 87.4%

0 - 45 DEG Zonal Flux:519.15 %lum: 66.3%
0 - 60 DEG Zonal Flux:684.55 %lum: 87.4%

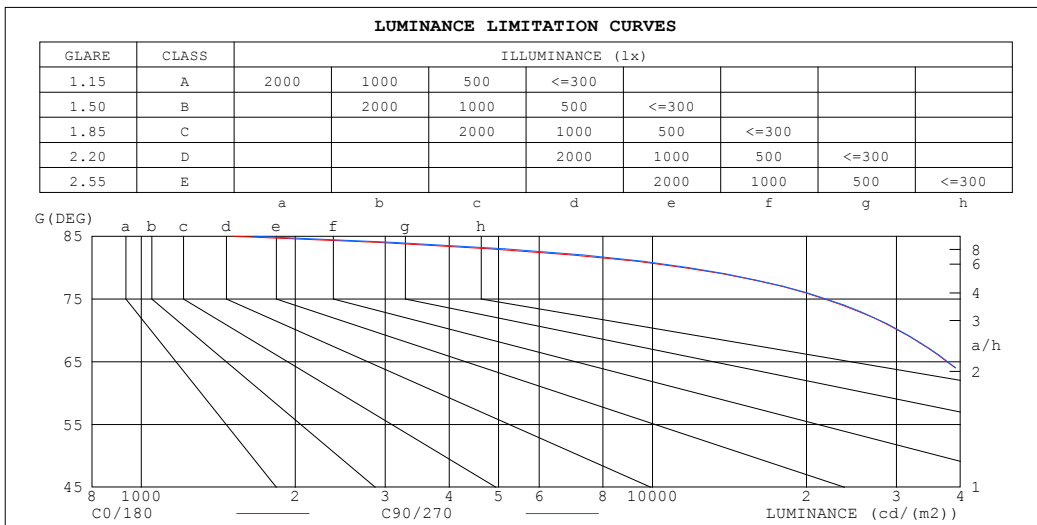
All measured values may vary less than 35 %
from the average measured value in the 0 to 130 deg. zone: 11.5%
All measured values in the 0 to 130 deg. zone
may vary less than 50% from the average value of itself: 16.7%

C Range: 0 - 360DEG
C Interval: 22.5DEG
Test Speed: HIGH
Temperature:25.3°C
Operators:DAMIN
Test Date:2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
Humidity:65.0%
Test Distance:12.020m [K=1.0000]
Remarks:

LUMINANCE LIMITATION CURVES

Test:U:230.64V I:0.0358A P:7.5834W PF:0.9180 Freq:50.00Hz Lamp Flux:782.85x1 lm		
NAME: R771 XB34A (4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1513	1662
80	11530	11792
75	21724	21846
70	30269	30404
65	37677	37776
60	44604	44673
55	51425	51426
50	58332	58268
45	65321	65249

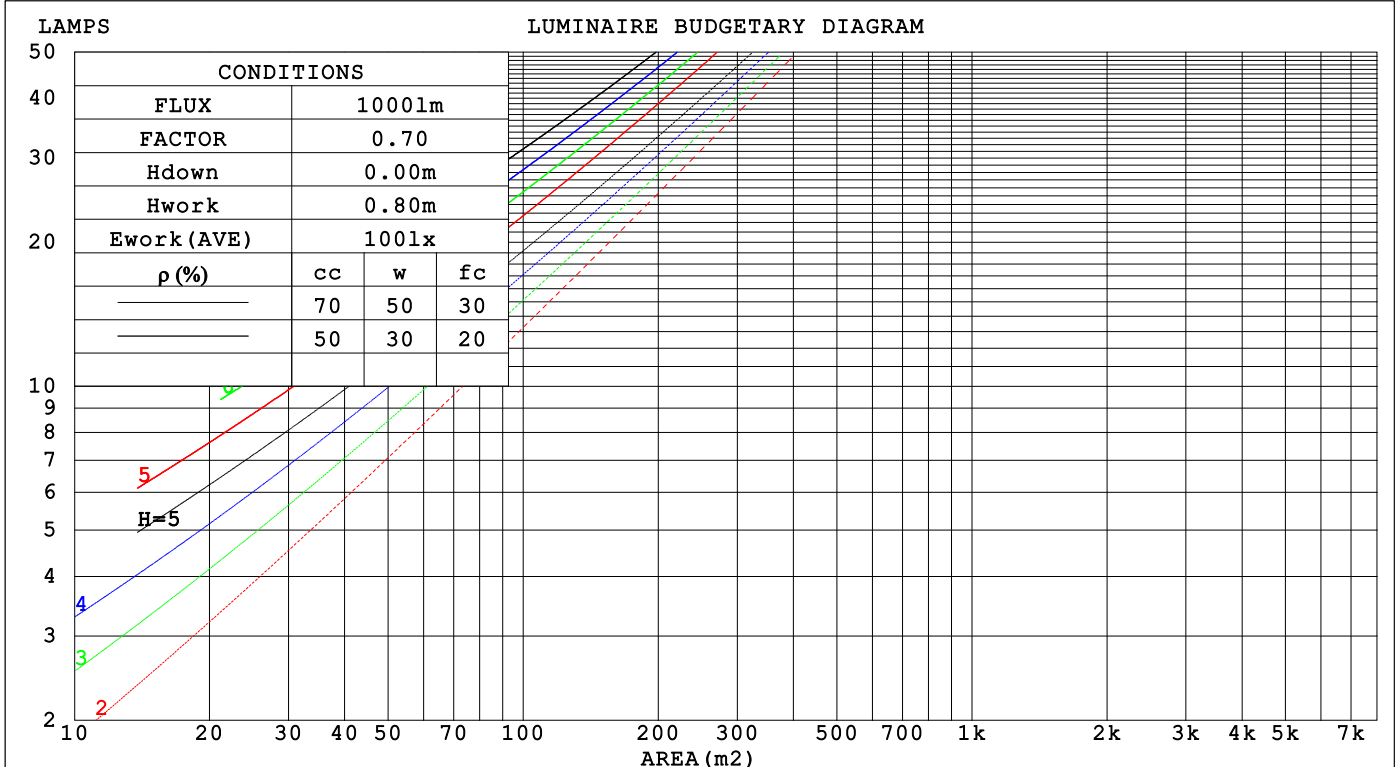
C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:230.64V I:0.0358A P:7.5834W PF:0.9180 Freq:50.00Hz Lamp Flux:782.85x1 lm		
NAME: R771 XB34A (4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	1.10	1.10	1.10	1.05	1.05	1.05	1.00	1.00	1.00	.98
1.0	1.06	1.03	.00	1.04	1.01	.98	.00	.97	.95	.95	.93	.92	.92	.90	.89	.86
2.0	.95	.89	.84	.93	.88	.83	.89	.85	.81	.86	.82	.79	.83	.80	.77	.75
3.0	.85	.78	.72	.83	.77	.72	.80	.75	.70	.77	.73	.69	.75	.71	.67	.65
4.0	.76	.69	.63	.75	.68	.62	.72	.66	.61	.70	.65	.60	.68	.63	.59	.57
5.0	.69	.61	.55	.68	.60	.55	.66	.59	.54	.64	.58	.53	.62	.57	.53	.51
6.0	.63	.55	.49	.62	.54	.49	.60	.53	.48	.58	.52	.48	.57	.51	.47	.45
7.0	.58	.50	.44	.57	.49	.44	.55	.48	.43	.54	.48	.43	.52	.47	.43	.41
8.0	.53	.45	.40	.52	.45	.40	.51	.44	.39	.50	.43	.39	.48	.43	.39	.37
9.0	.49	.41	.36	.48	.41	.36	.47	.40	.36	.46	.40	.36	.45	.39	.35	.34
10.0	.45	.38	.33	.45	.38	.33	.44	.37	.33	.43	.37	.33	.42	.36	.32	.31



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

WEC AND CCEC

Test:U:230.64V I:0.0358A P:7.5834W PF:0.9180 Freq:50.00Hz Lamp Flux:782.85x1 lm		
NAME: R771 XB34A (4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Wall Exitance Coefficients(WEC)									
0.0																
1.0	.252	.143	.045	.244	.139	.044	.230	.132	.042	.217	.125	.040	.205	.119	.038	
2.0	.244	.134	.041	.238	.131	.040	.226	.126	.039	.214	.120	.038	.204	.115	.036	
3.0	.231	.123	.037	.226	.121	.036	.215	.116	.035	.205	.112	.034	.196	.108	.034	
4.0	.217	.113	.033	.212	.111	.033	.203	.108	.032	.194	.104	.031	.186	.101	.031	
5.0	.204	.104	.030	.199	.102	.030	.191	.099	.029	.183	.097	.029	.176	.094	.028	
6.0	.191	.096	.027	.187	.095	.027	.180	.092	.027	.173	.090	.026	.166	.087	.026	
7.0	.180	.089	.025	.176	.088	.025	.169	.086	.025	.163	.084	.024	.157	.082	.024	
8.0	.169	.083	.023	.166	.082	.023	.160	.080	.023	.154	.078	.023	.149	.076	.022	
9.0	.160	.077	.022	.157	.077	.021	.151	.075	.021	.146	.073	.021	.141	.072	.021	
10.0	.151	.073	.020	.149	.072	.020	.144	.070	.020	.139	.069	.020	.134	.068	.019	

ρ_{CC}	80%			70%			50%			30%			10%			0
ρ_w	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0
ρ_{fc}	20%			20%			20%			20%			20%			0
RCR	RCR:Room Cavity Ratio						Ceiling Cavity Exitance Coefficients(CCEC)									
0.0	.204	.204	.204	.174	.174	.174	.119	.119	.119	.068	.068	.068	.022	.022	.022	
1.0	.190	.170	.153	.162	.146	.131	.111	.100	.091	.064	.058	.053	.020	.019	.017	
2.0	.180	.146	.117	.154	.125	.101	.105	.087	.071	.061	.050	.041	.019	.016	.014	
3.0	.171	.128	.093	.146	.110	.081	.100	.077	.057	.058	.045	.033	.019	.015	.011	
4.0	.163	.114	.077	.140	.099	.067	.096	.069	.047	.056	.040	.028	.018	.013	.009	
5.0	.155	.103	.065	.133	.089	.056	.092	.062	.040	.053	.037	.024	.017	.012	.008	
6.0	.149	.095	.056	.128	.082	.049	.088	.057	.035	.051	.034	.021	.016	.011	.007	
7.0	.142	.088	.050	.122	.076	.043	.084	.053	.031	.049	.031	.018	.016	.010	.006	
8.0	.136	.082	.045	.117	.071	.039	.081	.050	.028	.047	.029	.016	.015	.010	.005	
9.0	.131	.077	.041	.112	.067	.036	.078	.047	.025	.045	.028	.015	.015	.009	.005	
10.0	.125	.073	.038	.108	.063	.033	.075	.044	.023	.044	.026	.014	.014	.009	.005	

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

UGR(Unified Glare Rating) Table

Test:U:230.64V I:0.0358A P:7.5834W PF:0.9180 Freq:50.00Hz										
Lamp Flux:782.85x1 lm										
NAME: R771 XB34A (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	26.0	27.3	26.3	27.5	27.8	26.0	27.3	26.3	27.5	27.8
3H	26.7	27.9	27.0	28.2	28.5	26.7	28.0	27.1	28.2	28.5
4H	26.9	28.1	27.2	28.3	28.6	26.9	28.1	27.2	28.3	28.6
6H	26.9	28.0	27.3	28.3	28.6	26.9	28.0	27.3	28.3	28.6
8H	26.9	27.9	27.2	28.2	28.5	26.9	27.9	27.3	28.2	28.6
12H	26.8	27.8	27.2	28.1	28.5	26.8	27.8	27.2	28.2	28.5
4H 2H	26.3	27.5	26.7	27.7	28.0	26.3	27.5	26.7	27.8	28.0
3H	27.2	28.2	27.6	28.5	28.9	27.2	28.2	27.6	28.5	28.9
4H	27.4	28.3	27.8	28.7	29.1	27.5	28.4	27.9	28.7	29.1
6H	27.5	28.3	27.9	28.7	29.1	27.5	28.3	27.9	28.7	29.1
8H	27.5	28.2	27.9	28.6	29.0	27.5	28.2	27.9	28.6	29.0
12H	27.4	28.1	27.9	28.5	28.9	27.5	28.1	27.9	28.5	29.0
8H 4H	27.5	28.2	27.9	28.6	29.0	27.5	28.2	27.9	28.6	29.0
6H	27.6	28.2	28.0	28.6	29.1	27.6	28.2	28.1	28.6	29.1
8H	27.5	28.1	28.0	28.5	29.0	27.6	28.1	28.1	28.6	29.0
12H	27.5	27.9	28.0	28.4	28.9	27.5	28.0	28.0	28.5	29.0
12H 4H	27.4	28.1	27.9	28.5	29.0	27.5	28.1	27.9	28.5	29.0
6H	27.5	28.1	28.0	28.5	29.0	27.6	28.1	28.0	28.5	29.0
8H	27.5	28.0	28.0	28.4	28.9	27.5	28.0	28.0	28.5	29.0
Variations with the observer position at spacings(CIE Pub.117):										
S = 1.0H	+ 0.4 / - 0.6					+ 0.4 / - 0.6				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.7 / - 0.8					+ 0.7 / - 0.8				

CIE Pub.117, 782.9 lm Total Lamp Luminous Flux Corrected (8log(F/F0) = -0.9)
 Area: 0.0039036 m2

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

UTILIZATION FACTORS TABLE

Test:U:230.64V I:0.0358A P:7.5834W PF:0.9180 Freq:50.00Hz Lamp Flux:782.85x1 lm		
NAME: R771 XB34A (4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

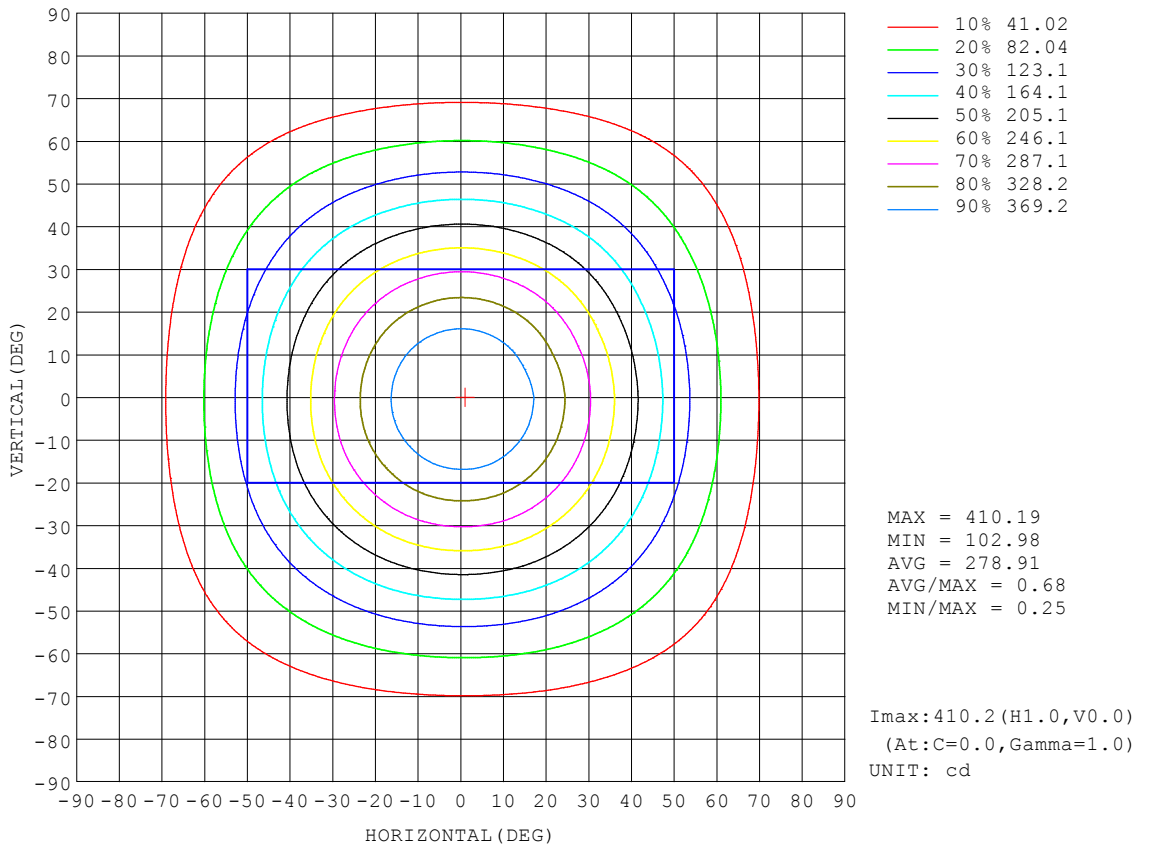
REFLECTANCE										
Ceiling	0.8	0.8	0.8	0.7	0.7	0.7	0.5	0.5	0.5	0
Walls	0.7	0.5	0.3	0.7	0.5	0.3	0.7	0.5	0.3	0
Working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0
ROOM INDEX	UTILIZATION FACTORS (PERCENT) $k(RI) \times RCR = 5$									
k = 0.60	65	54	48	64	54	48	63	54	48	42
0.80	75	65	58	74	64	58	72	63	58	51
1.00	83	73	67	81	72	67	79	73	66	60
1.25	89	80	74	88	80	74	85	78	73	66
1.50	94	85	80	92	84	79	89	83	78	71
2.00	99	92	87	98	91	86	94	89	85	77
2.50	103	96	91	101	95	90	97	92	88	80
3.00	105	100	95	103	98	94	99	95	92	84
4.00	109	104	100	106	102	99	102	99	96	87
5.00	111	107	103	108	105	102	103	101	98	89
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:2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

ISOCANDELA DIAGRAM

Test:U:230.64V I:0.0358A P:7.5834W PF:0.9180 Freq:50.00Hz Lamp Flux:782.85x1 lm		
NAME: R771 XB34A (4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

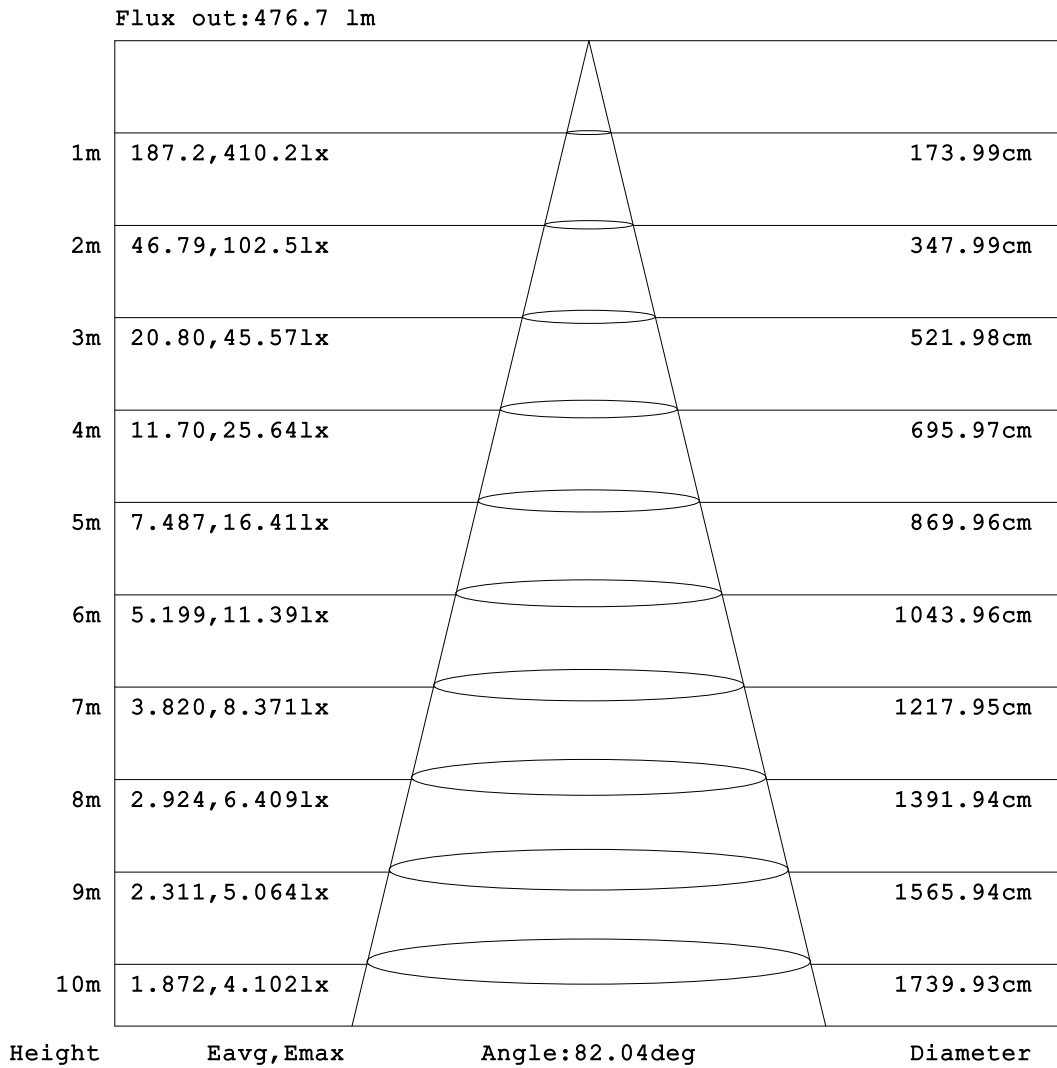


C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

AAI Figure

Test:U:230.64V I:0.0358A P:7.5834W PF:0.9180 Freq:50.00Hz Lamp Flux:782.85x1 lm		
NAME: R771 XB34A (4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



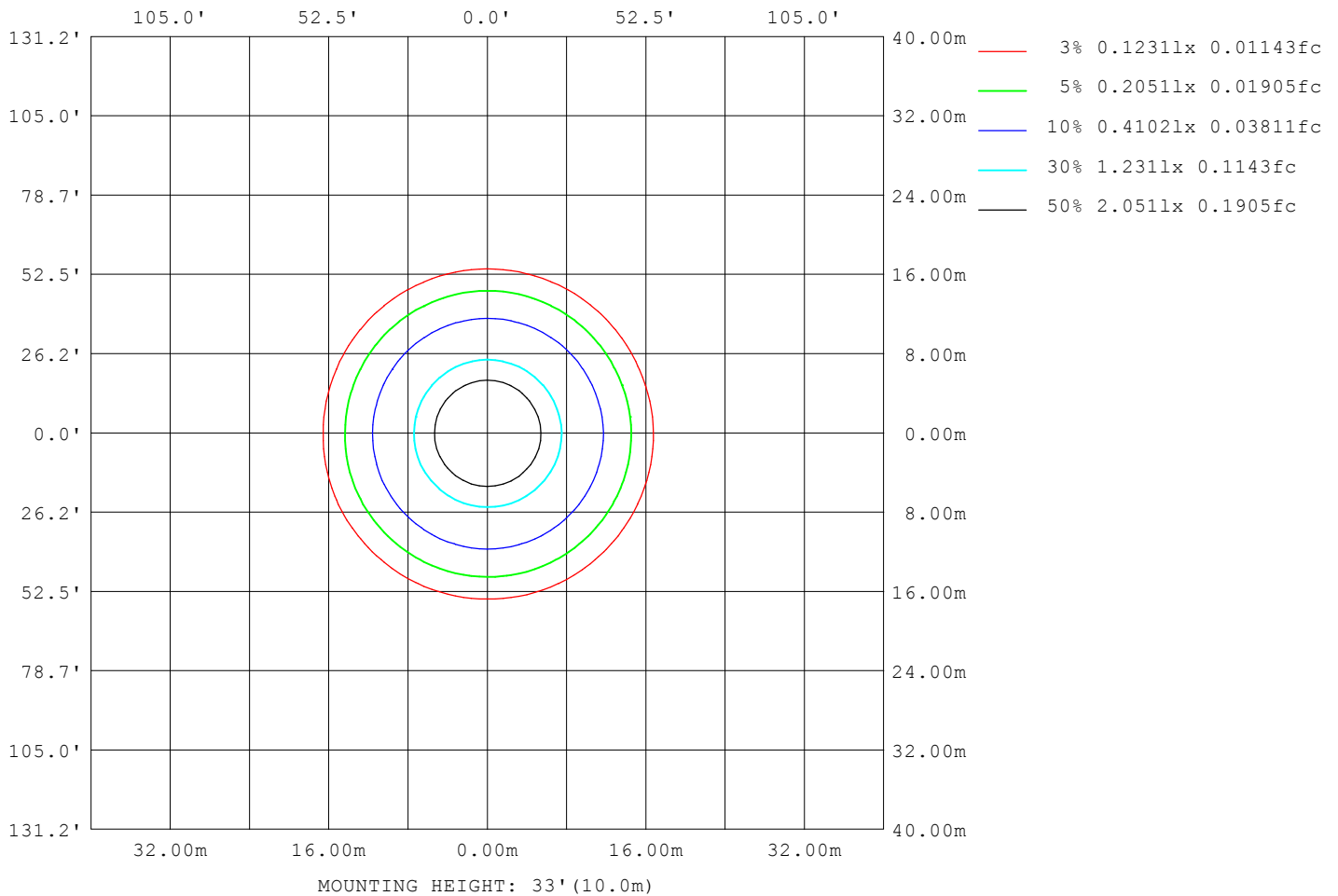
Note:The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

ISOLUX DIAGRAM

Test:U:230.64V I:0.0358A P:7.5834W PF:0.9180 Freq:50.00Hz Lamp Flux:782.85x1 lm		
NAME: R771 XB34A (4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3°C
 Operators:DAMIN
 Test Date:2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:12.020m [K=1.0000]
 Remarks:

LED Avg.L Report

Test:U:230.64V I:0.0358A P:7.5834W PF:0.9180 Freq:50.00Hz Lamp Flux:782.85x1 lm		
NAME: R771 XB34A (4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	Shielding Angle:

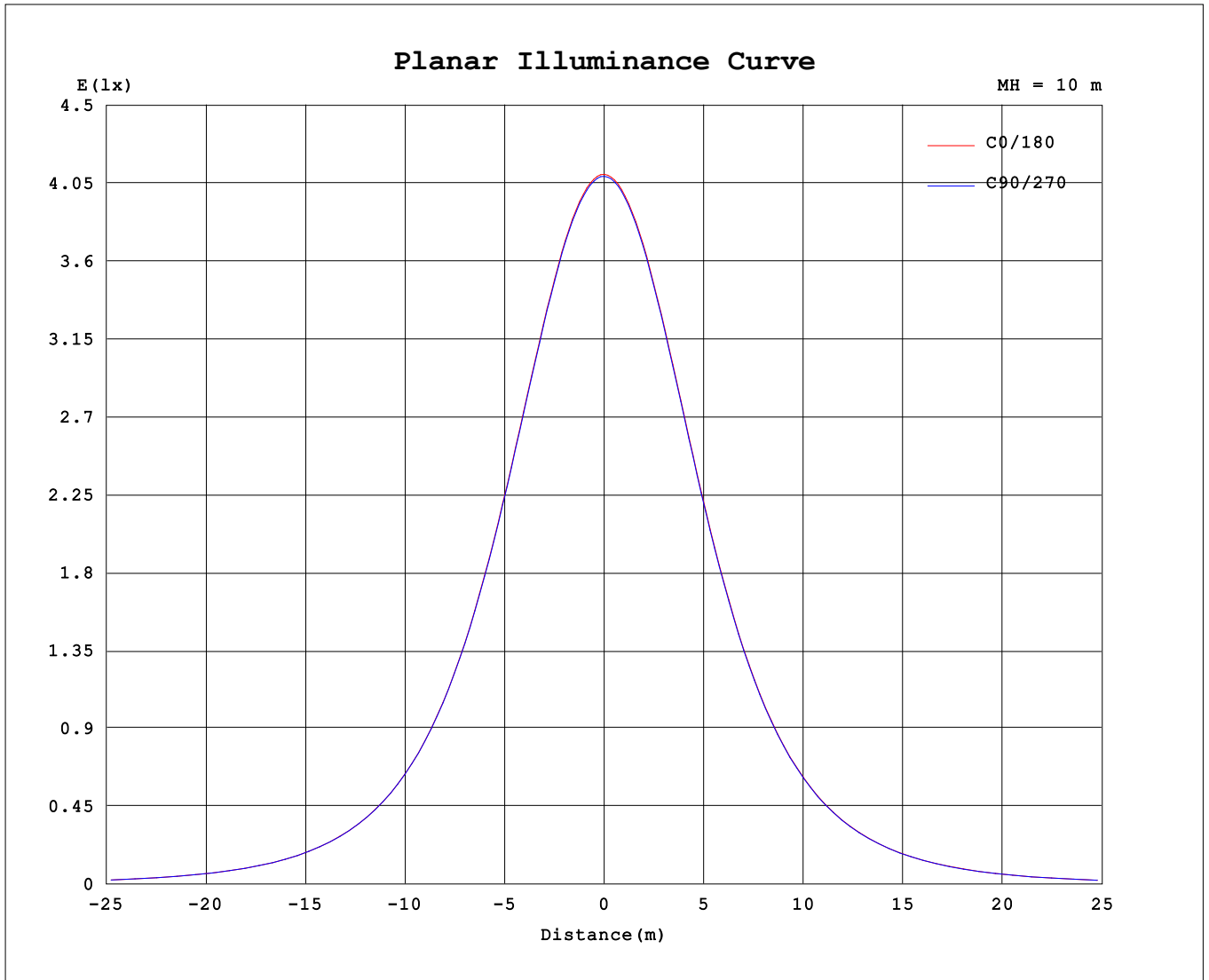
AvgL	cd/m2
L_0~180 (65) av	36608
L_0~180 (75) av	20650
L_0~180 (85) av	1170
L_90~270 (65) av	36613
L_90~270 (75) av	20668
L_90~270 (85) av	1286
L_45 (65) av	36559
L_45 (75) av	20635
L_45 (85) av	1146

Standard: GB/T 29293-2012

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
 Temperature:25.3℃
 Operators:DAMIN
 Test Date:2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System:EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity:65.0%
 Test Distance:12.020m [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: 2024-02-03

γ Range: 0 - 180DEG
 γ Interval: 1.0DEG
 Test System: EVERFINE GO-2000A_V1 SYSTEM V2.00.471
 Humidity: 65.0%
 Test Distance: 12.020m [K=1.0000]
 Remarks:

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:230.64V I:0.0358A P:7.5834W PF:0.9180 Freq:50.00Hz Lamp Flux:782.85x1 lm		
NAME: R771 XB34A (4000K)	TYPE:	WEIGHT:
SPEC.:	DIM.:	SERIAL No.:
MFR.: EVERFINE	SUR.:	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	410	410	410	409	409	409	409	409	410	410	410	409	409	409	409	409			
5	407	407	406	406	406	406	405	405	406	405	405	405	405	405	405	405			
10	397	397	396	396	395	395	394	394	394	394	394	393	393	393	393	394			
15	379	379	379	378	378	377	376	376	375	375	374	374	374	374	375	375			
20	354	355	354	354	353	353	351	351	350	349	348	348	348	349	350	350			
25	324	325	324	324	323	323	321	321	319	318	318	317	318	318	319	320			
30	290	291	291	291	289	289	287	286	284	283	283	282	283	283	285	286			
35	254	254	254	254	253	252	251	250	247	246	246	245	246	247	248	249			
40	217	217	217	217	216	215	214	213	210	209	209	208	209	210	211	212			
45	180	181	181	181	180	179	178	177	174	173	173	173	173	174	175	176			
50	146	147	147	147	146	145	144	143	141	140	140	140	140	140	142	143			
55	115	116	116	116	115	114	113	113	110	110	110	109	110	110	111	112			
60	87.1	87.6	87.7	88.0	87.2	86.7	85.5	85.0	82.9	82.4	82.5	82.2	82.6	82.7	83.7	84.2			
65	62.2	62.7	62.7	63.0	62.3	61.9	60.9	60.5	58.6	58.3	58.4	58.2	58.5	58.5	59.3	59.7			
70	40.4	40.8	40.9	41.0	40.6	40.2	39.5	39.1	37.5	37.3	37.3	37.2	37.4	37.4	38.0	38.4			
75	21.9	22.3	22.3	22.5	22.1	22.0	21.3	21.2	19.8	19.5	19.7	19.5	19.7	19.6	20.1	20.3			
80	7.82	7.34	7.59	8.18	7.99	7.86	7.09	6.90	6.46	5.91	6.05	6.33	6.44	6.50	6.11	6.29			
85	0.51	0.35	0.54	0.53	0.57	0.49	0.45	0.33	0.28	0.35	0.28	0.40	0.31	0.40	0.29	0.37			
90	0.33	0.35	0.33	0.34	0.34	0.34	0.32	0.35	0.32	0.28	0.32	0.29	0.31	0.29	0.31	0.28			
95	0.42	0.51	0.42	0.51	0.44	0.52	0.44	0.50	0.48	0.37	0.47	0.37	0.46	0.37	0.47	0.37			
100	0.60	0.69	0.59	0.68	0.60	0.70	0.62	0.72	0.66	0.58	0.67	0.58	0.66	0.57	0.66	0.57			
105	0.85	0.94	0.85	0.93	0.87	0.95	0.88	0.95	0.89	0.80	0.90	0.81	0.89	0.80	0.87	0.78			
110	1.14	1.23	1.12	1.24	1.13	1.24	1.17	1.26	1.18	1.09	1.18	1.08	1.18	1.08	1.15	1.04			
115	1.48	1.57	1.49	1.55	1.48	1.57	1.49	1.59	1.50	1.40	1.50	1.41	1.48	1.39	1.47	1.38			
120	1.84	1.92	1.82	1.92	1.83	1.93	1.84	1.95	1.85	1.76	1.86	1.79	1.85	1.73	1.82	1.71			
125	2.23	2.32	2.22	2.31	2.24	2.34	2.24	2.35	2.23	2.14	2.23	2.13	2.21	2.11	2.20	2.08			
130	2.65	2.73	2.62	2.72	2.63	2.74	2.65	2.75	2.65	2.56	2.64	2.54	2.64	2.52	2.59	2.49			
135	3.08	3.15	3.03	3.14	3.05	3.16	3.07	3.17	3.06	2.98	3.06	2.97	3.06	2.93	3.01	2.91			
140	3.48	3.56	3.45	3.55	3.47	3.57	3.48	3.58	3.49	3.41	3.48	3.38	3.45	3.34	3.40	3.31			
145	3.91	3.97	3.85	3.96	3.87	3.97	3.88	4.00	3.89	3.79	3.87	3.79	3.87	3.74	3.81	3.72			
150	4.28	4.35	4.23	4.32	4.23	4.36	4.27	4.38	4.29	4.17	4.27	4.17	4.24	4.14	4.21	4.10			
155	4.63	4.72	4.62	4.70	4.63	4.73	4.62	4.73	4.65	4.54	4.62	4.53	4.61	4.47	4.58	4.47			
160	4.94	5.04	4.94	5.03	4.95	5.05	4.94	5.05	4.98	4.87	4.97	4.86	4.93	4.83	4.91	4.82			
165	5.25	5.33	5.24	5.31	5.24	5.32	5.26	5.34	5.28	5.18	5.26	5.16	5.24	5.11	5.22	5.11			
170	5.48	5.56	5.45	5.53	5.46	5.55	5.46	5.56	5.52	5.42	5.51	5.40	5.52	5.39	5.49	5.40			
175	5.65	5.74	5.65	5.73	5.66	5.72	5.62	5.71	5.72	5.65	5.71	5.61	5.70	5.58	5.67	5.56			
180	5.72	5.73	5.72	5.72	5.71	5.71	5.71	5.72	5.70	5.71	5.71	5.69	5.73	5.71	5.72	5.71			

C Range: 0 - 360DEG
 C Interval: 22.5DEG
 Test Speed: HIGH
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