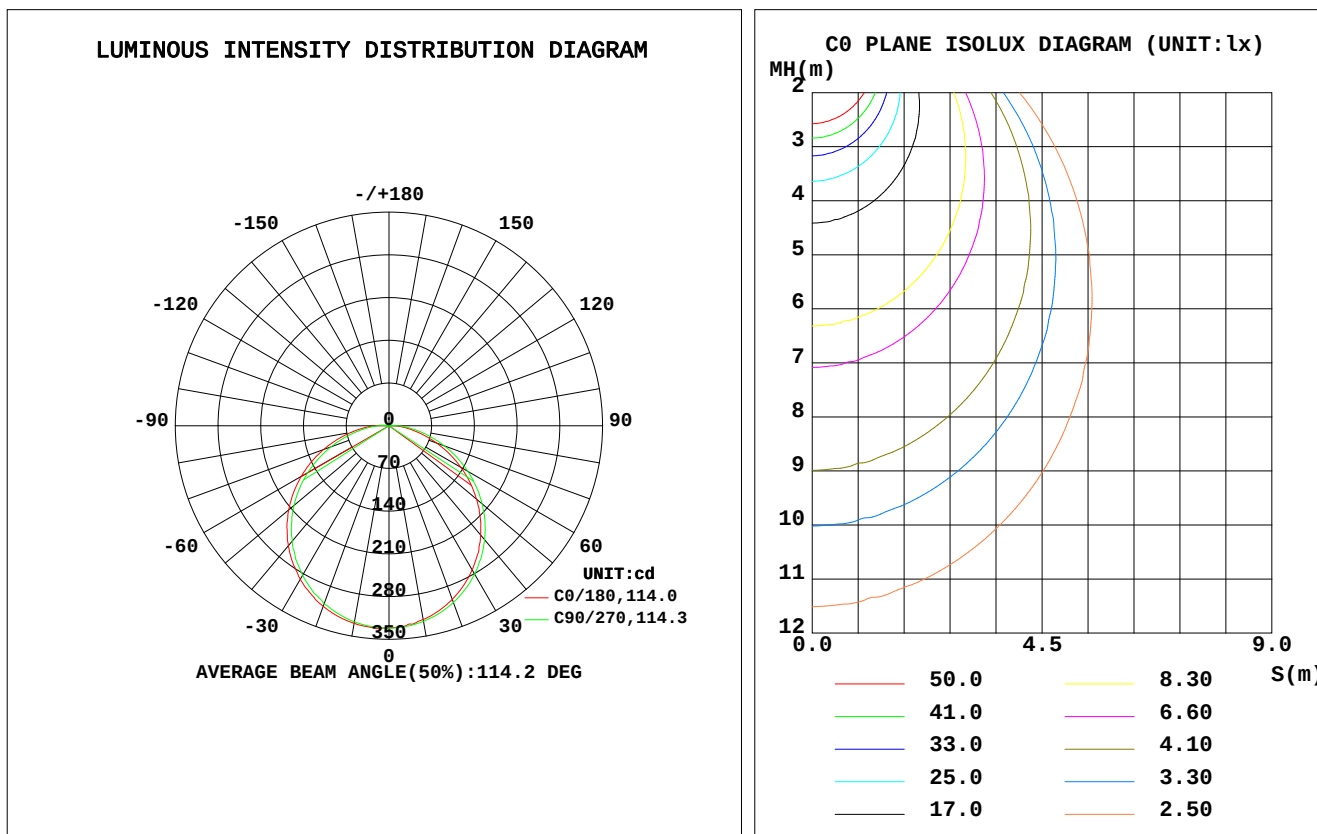


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-S-11W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 84.5 lm/W			
MODEL		Imax(cd)	300	S/MH(C0/180)	1.30
NOMINAL POWER(W)	11W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	930	η UP, DN(C0-180)	0.7, 48.0
NOMINAL FLUX(lm)	930	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 50.5
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	98.5	CIBSE SHR MAX	1.35



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

ZONAL FLUX DIAGRAM

ZONAL FLUX DIAGRAM:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	ϕ zone	ϕ total	%lum, lamp
5	328.6	328.5	329.9	331.0	331.6	331.3	330.3	329.1	0- 5	7.911	7.911	0.79,0.79
10	322.6	323.3	325.4	327.6	328.8	327.9	326.2	323.8	5- 10	23.46	31.37	3.12,3.12
15	314.1	315.3	318.1	321.4	323.3	321.6	319.3	315.6	10- 15	38.22	69.59	6.92,6.92
20	302.8	304.6	308.2	312.5	314.9	313.3	310.9	304.7	15- 20	51.72	121.3	12.1,12.1
25	289.0	290.9	295.7	300.9	303.7	301.9	297.9	291.8	20- 25	63.51	184.8	18.4,18.4
30	272.6	274.9	280.6	287.0	290.7	288.6	282.8	276.2	25- 30	73.17	258.0	25.6,25.6
35	254.7	257.1	263.5	270.8	274.7	272.0	266.5	258.2	30- 35	80.41	338.4	33.6,33.6
40	233.6	236.8	243.7	251.8	256.6	254.5	246.4	238.2	35- 40	85.04	423.5	42.1,42.1
45	211.0	214.7	222.7	231.2	236.7	233.5	225.4	216.4	40- 45	86.88	510.3	50.7,50.7
50	187.1	190.9	199.2	209.7	214.7	211.7	203.2	192.9	45- 50	85.89	596.2	59.3,59.3
55	162.1	166.0	174.4	184.9	190.9	187.7	179.0	167.8	50- 55	82.12	678.3	67.4,67.4
60	135.6	139.9	149.2	159.9	166.1	163.2	153.5	142.2	55- 60	75.76	754.1	75,75
65	109.5	113.2	122.7	133.7	140.3	136.9	127.4	115.7	60- 65	67.09	821.2	81.6,81.6
70	83.27	86.95	96.31	107.8	114.1	110.7	101.1	89.58	65- 70	56.61	877.8	87.3,87.3
75	58.49	62.28	71.21	82.28	88.10	84.43	75.58	64.27	70- 75	44.87	922.7	91.7,91.7
80	37.54	40.87	48.62	58.06	62.93	60.13	51.89	42.35	75- 80	32.91	955.6	95,95
85	21.24	23.82	29.80	37.31	41.21	38.76	32.35	24.91	80- 85	21.94	977.5	97.2,97.2
90	10.08	11.76	15.75	20.83	23.90	22.05	17.65	12.47	85- 90	12.91	990.4	98.5,98.5
95	3.562	4.427	6.495	5.274	11.47	5.864	7.432	4.784	90- 95	6.230	996.6	99.1,99.1
100	0.9448	0.8580	0.8325	0.7439	1.821	0.6756	0.9608	0.7746	95-100	1.512	998.2	99.2,99.2
105	0.9494	1.002	0.8368	0.8685	0.7755	0.7026	0.8476	0.7955	100-105	0.4398	998.6	99.3,99.3
110	1.103	1.147	1.137	1.014	0.8996	0.8265	1.014	1.001	105-110	0.4873	999.1	99.3,99.3
115	1.176	1.292	1.177	1.178	1.024	0.9604	1.178	1.145	110-115	0.5483	999.6	99.4,99.4
120	1.312	1.427	1.352	1.343	1.169	1.155	1.271	1.302	115-120	0.5971	1000	99.4,99.4
125	1.460	1.612	1.525	1.488	1.302	1.178	1.473	1.405	120-125	0.6340	1001	99.5,99.5
130	1.580	1.809	1.783	1.541	1.427	1.352	1.675	1.477	125-130	0.6514	1002	99.6,99.6
135	1.797	1.918	1.849	1.632	1.582	1.488	1.876	1.715	130-135	0.6736	1002	99.6,99.6
140	1.911	1.923	1.984	1.788	1.793	1.634	1.897	1.814	135-140	0.6607	1003	99.7,99.7
145	2.000	1.984	1.989	1.892	1.838	1.808	1.933	1.828	140-145	0.6247	1003	99.8,99.8
150	2.031	2.152	2.014	2.038	1.901	1.880	2.025	1.940	145-150	0.5754	1004	99.8,99.8
155	2.066	2.167	2.057	2.046	2.005	1.948	2.051	1.987	150-155	0.5108	1005	99.9,99.9
160	2.169	2.232	2.108	2.180	2.108	1.984	2.139	2.087	155-160	0.4360	1005	99.9,99.9
165	2.200	2.459	2.427	2.236	2.180	2.101	2.429	2.231	160-165	0.3612	1005	99.9,99.9
170	2.400	2.656	2.356	2.345	2.273	2.149	2.645	2.475	165-170	0.2771	1006	100,100
175	2.560	2.759	2.510	2.563	2.521	2.438	2.699	2.589	170-175	0.1774	1006	100,100
180	2.934	2.893	2.852	2.852	2.934	2.821	2.852	2.821	175-180	0.0641	1006	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 510.33 lm

%lum = 50.7%

%lamp = 50.7%

Conical surface Flux(120deg): 754.09 lm

%lum = 75.0%

%lamp = 75.0%

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

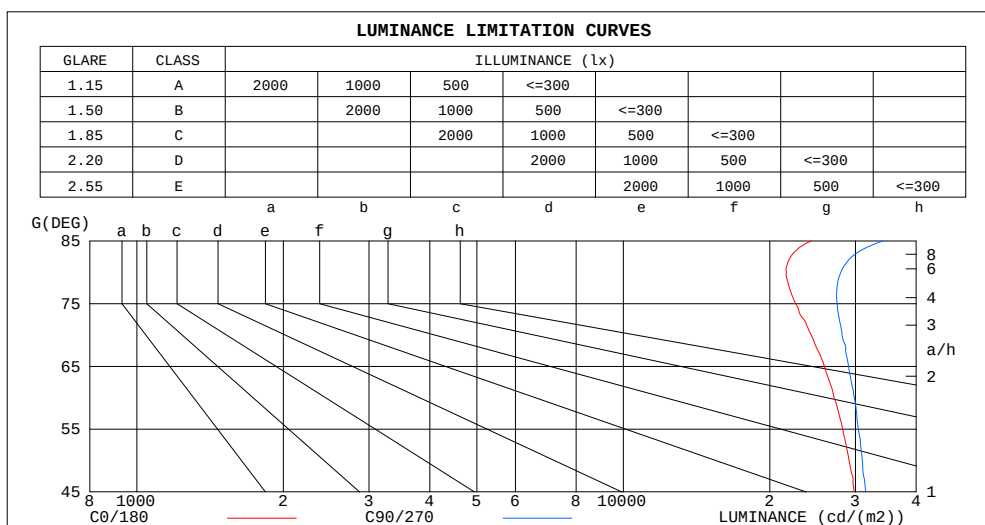
Checker: CHENXIAOFU

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

LUMINANCE LIMITATION CURVES

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-S-11W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	24365	34195
80	21621	28002
75	22599	27515
70	24347	28158
65	25911	29043
60	27116	29839
55	28253	30412
50	29114	30998
45	29836	31490

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:
 Test Date:2025-03-24

Checker: CHENXIAOFU

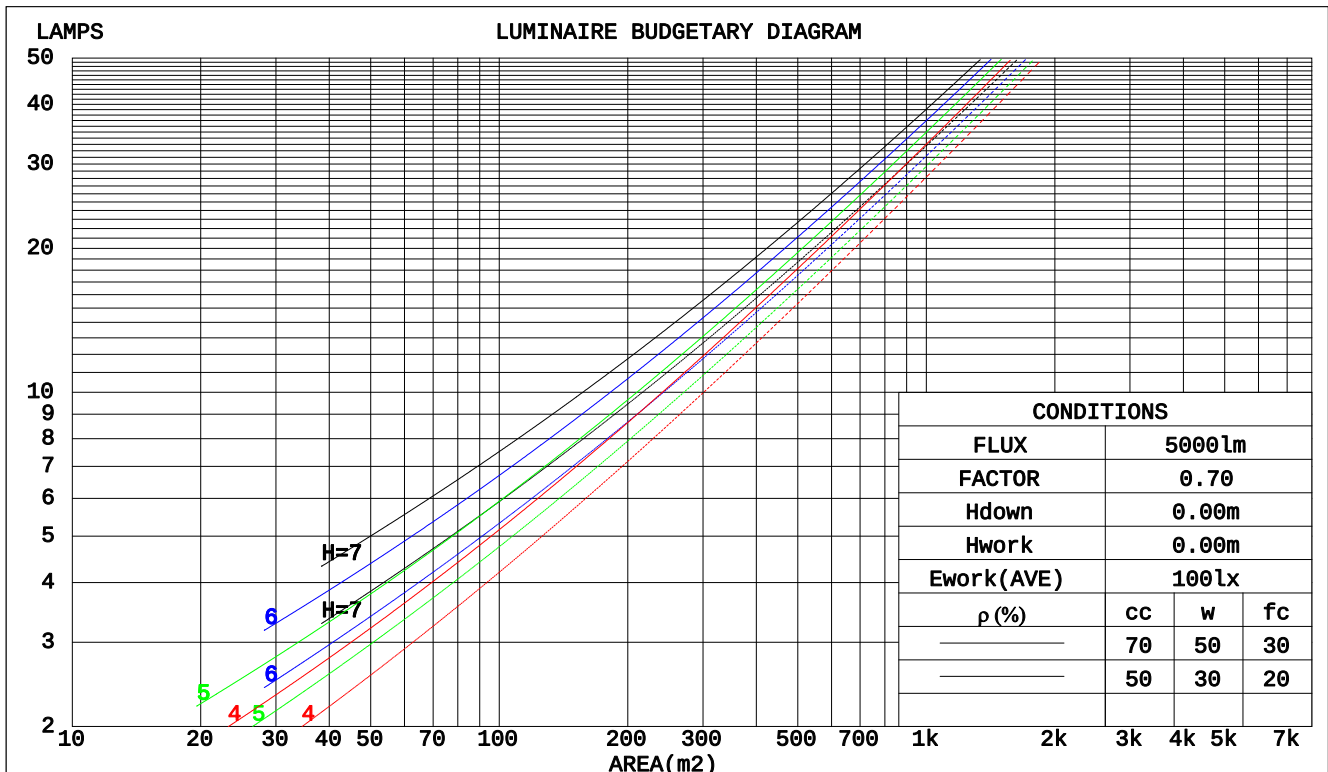
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

Assessor: Ju Hongli

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-S-11W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	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															



C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:
 Test Date:2025-03-24

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

WEC AND CCEC

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:930x1 lm					
NAME: BHD3S-TC-S-11W-3000K			TYPE:LED		WEIGHT:
SPEC.:0028920257 11W 3000K 930lm			DIM.:		SERIAL No.:250328001G
MFR.: LIT by CARDI			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	.331	.188	.060	.323	.184	.059	.309	.177	.057	.296	.171	.055	.284	.164	.053		
2.0	.304	.166	.051	.297	.164	.050	.284	.158	.049	.273	.153	.048	.262	.148	.047		
3.0	.278	.148	.044	.272	.146	.044	.261	.141	.043	.250	.137	.042	.241	.133	.041		
4.0	.255	.132	.039	.249	.131	.039	.239	.127	.038	.230	.124	.037	.222	.120	.037		
5.0	.234	.119	.035	.230	.118	.034	.221	.115	.034	.213	.112	.033	.205	.109	.033		
6.0	.217	.109	.031	.212	.107	.031	.205	.105	.031	.197	.102	.030	.190	.100	.030		
7.0	.201	.099	.028	.197	.098	.028	.190	.096	.028	.184	.094	.027	.177	.092	.027		
8.0	.188	.092	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025		
9.0	.176	.085	.024	.173	.084	.024	.167	.082	.023	.161	.081	.023	.156	.079	.023		
10.0	.165	.079	.022	.162	.078	.022	.157	.077	.022	.152	.075	.021	.147	.074	.021		

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	.202	.202	.202	.173	.173	.173	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.194	.168	.145	.166	.144	.124	.113	.099	.086	.065	.057	.050	.021	.018	.016	
2.0	.186	.144	.108	.159	.124	.094	.109	.086	.065	.063	.050	.038	.020	.016	.012	
3.0	.178	.126	.085	.153	.109	.074	.105	.076	.052	.060	.044	.031	.019	.014	.010	
4.0	.170	.113	.070	.146	.098	.060	.100	.068	.043	.058	.040	.025	.019	.013	.008	
5.0	.163	.103	.059	.140	.089	.051	.096	.062	.036	.056	.036	.021	.018	.012	.007	
6.0	.155	.094	.051	.134	.082	.044	.092	.057	.031	.053	.034	.019	.017	.011	.006	
7.0	.148	.088	.045	.128	.076	.039	.088	.053	.028	.051	.031	.017	.017	.010	.005	
8.0	.142	.082	.041	.122	.071	.035	.084	.050	.025	.049	.029	.015	.016	.010	.005	
9.0	.136	.077	.037	.117	.067	.032	.081	.047	.023	.047	.028	.014	.015	.009	.005	
10.0	.130	.073	.034	.112	.063	.030	.078	.044	.021	.045	.026	.013	.015	.009	.004	

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

UGR(Unified Glare Rating) Table

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:930x1 lm										
NAME: BHD3S-TC-S-11W-3000K					TYPE:LED			WEIGHT:		
SPEC.:0028920257 11W 3000K 930lm					DIM.:			SERIAL No.:250328001G		
MFR.: LIT by CARDI					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	24.1	25.6	24.4	25.8	26.1	24.4	25.9	24.7	26.2	26.4
3H	25.5	26.9	25.9	27.2	27.5	26.0	27.4	26.3	27.7	28.0
4H	26.1	27.5	26.4	27.7	28.0	26.7	28.0	27.0	28.3	28.6
6H	26.6	27.8	26.9	28.1	28.4	27.3	28.6	27.6	28.9	29.2
8H	26.7	28.0	27.1	28.3	28.6	27.5	28.8	27.9	29.1	29.4
12H	26.9	28.1	27.3	28.4	28.7	27.8	29.0	28.2	29.3	29.6
4H 2H	24.7	26.0	25.0	26.3	26.6	24.9	26.3	25.3	26.6	26.9
3H	26.3	27.5	26.7	27.8	28.2	26.7	27.9	27.1	28.2	28.6
4H	27.0	28.1	27.4	28.5	28.8	27.6	28.6	28.0	29.0	29.4
6H	27.6	28.6	28.1	29.0	29.4	28.3	29.3	28.7	29.6	30.0
8H	27.9	28.8	28.3	29.2	29.6	28.6	29.5	29.1	29.9	30.3
12H	28.1	28.9	28.5	29.3	29.8	29.0	29.8	29.4	30.2	30.6
8H 4H	27.3	28.2	27.8	28.6	29.1	27.8	28.7	28.2	29.1	29.5
6H	28.1	28.9	28.6	29.3	29.8	28.7	29.5	29.2	29.9	30.4
8H	28.5	29.1	28.9	29.6	30.1	29.2	29.8	29.6	30.3	30.8
12H	28.8	29.4	29.3	29.9	30.4	29.6	30.2	30.1	30.7	31.2
12H 4H	27.4	28.2	27.8	28.6	29.1	27.8	28.6	28.3	29.1	29.5
6H	28.2	28.9	28.7	29.3	29.8	28.8	29.5	29.3	29.9	30.4
8H	28.6	29.2	29.1	29.7	30.2	29.3	29.9	29.8	30.3	30.9
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.2					+ 0.1 / - 0.2				
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.1 / - 0.3					+ 0.2 / - 0.3				

CIE Pub.117, 1006 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.0$)

C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

UTILIZATION FACTORS TABLE

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-S-11W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	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) $k(RI) \times RCR = 5$									
$k = 0.60$	56	44	37	55	44	37	54	43	37	30
0.80	66	54	47	65	54	46	63	53	46	39
1.00	74	63	55	73	62	55	71	64	54	47
1.25	81	70	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	81	73	67	59
2.00	93	84	77	91	83	77	88	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	93	87	98	92	86	94	89	84	75
4.00	105	99	94	102	97	92	98	93	89	80
5.00	107	102	98	105	100	96	100	96	93	83
ROOM INDEX	UF(total)									Direct
According to DIN EN 13032-2 2004			Suspended					SHRNM = 1.25		

C Range: 0 - 360DEG
 C Interval: 45.0DEG
 Test Speed: HIGH
 Temperature:25.1DEG
 Operators:
 Test Date:2025-03-24

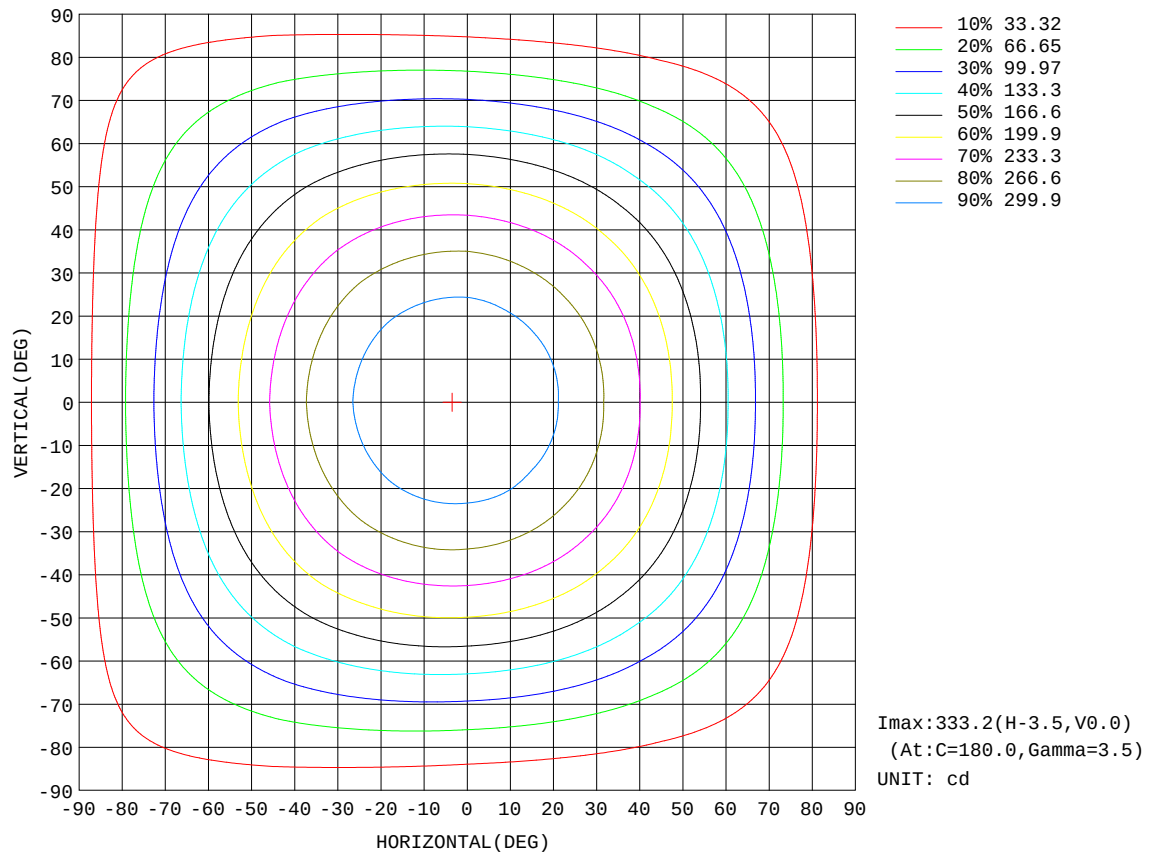
Checker: CHENXIAOFU

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 γ Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

Assessor: Ju Hongli

ISOCANDELA DIAGRAM

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-S-11W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
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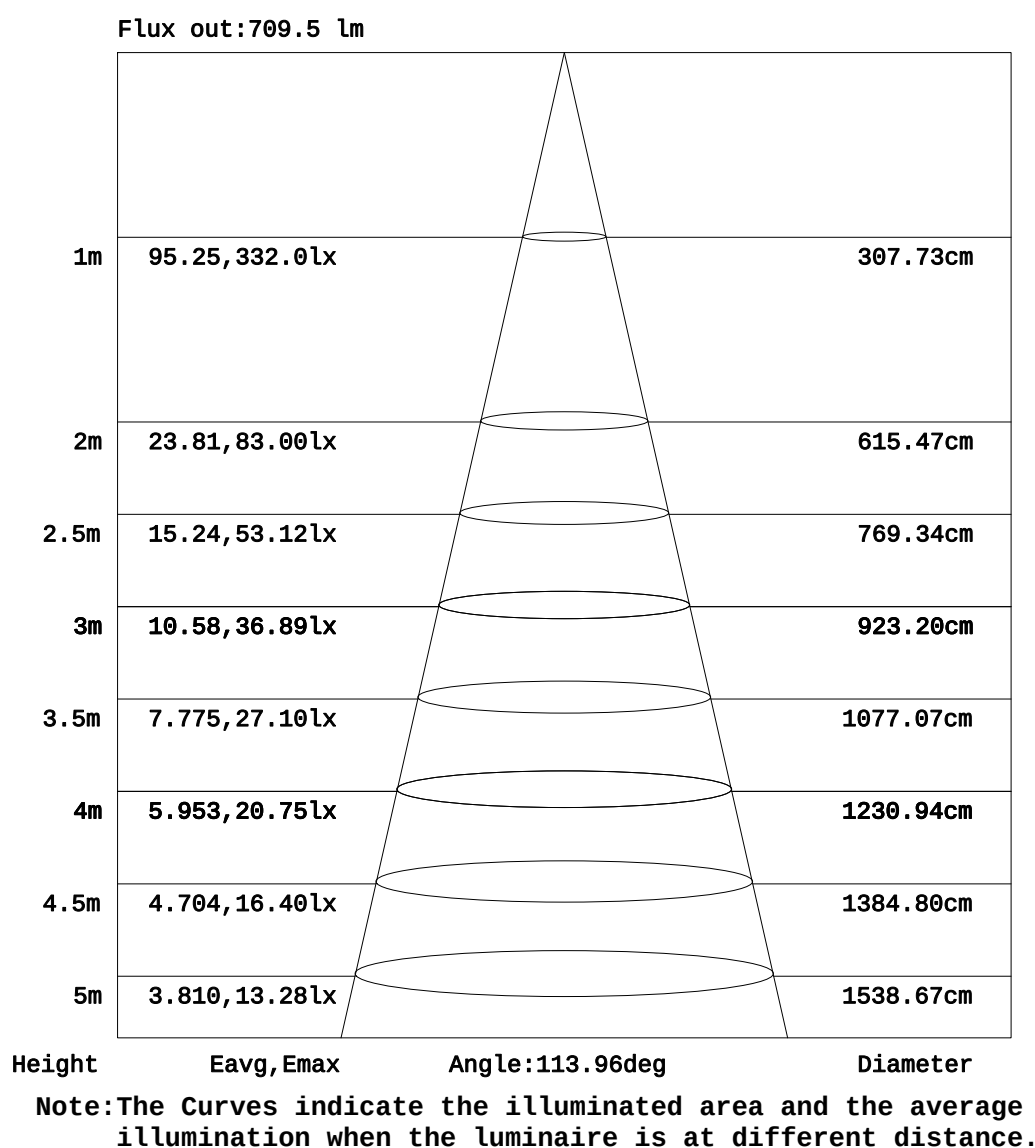
Checker: CHENXIAOFU

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

AAI Figure

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-S-11W-3000K	TYPE: LED	WEIGHT:
SPEC.:0028920257 11W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

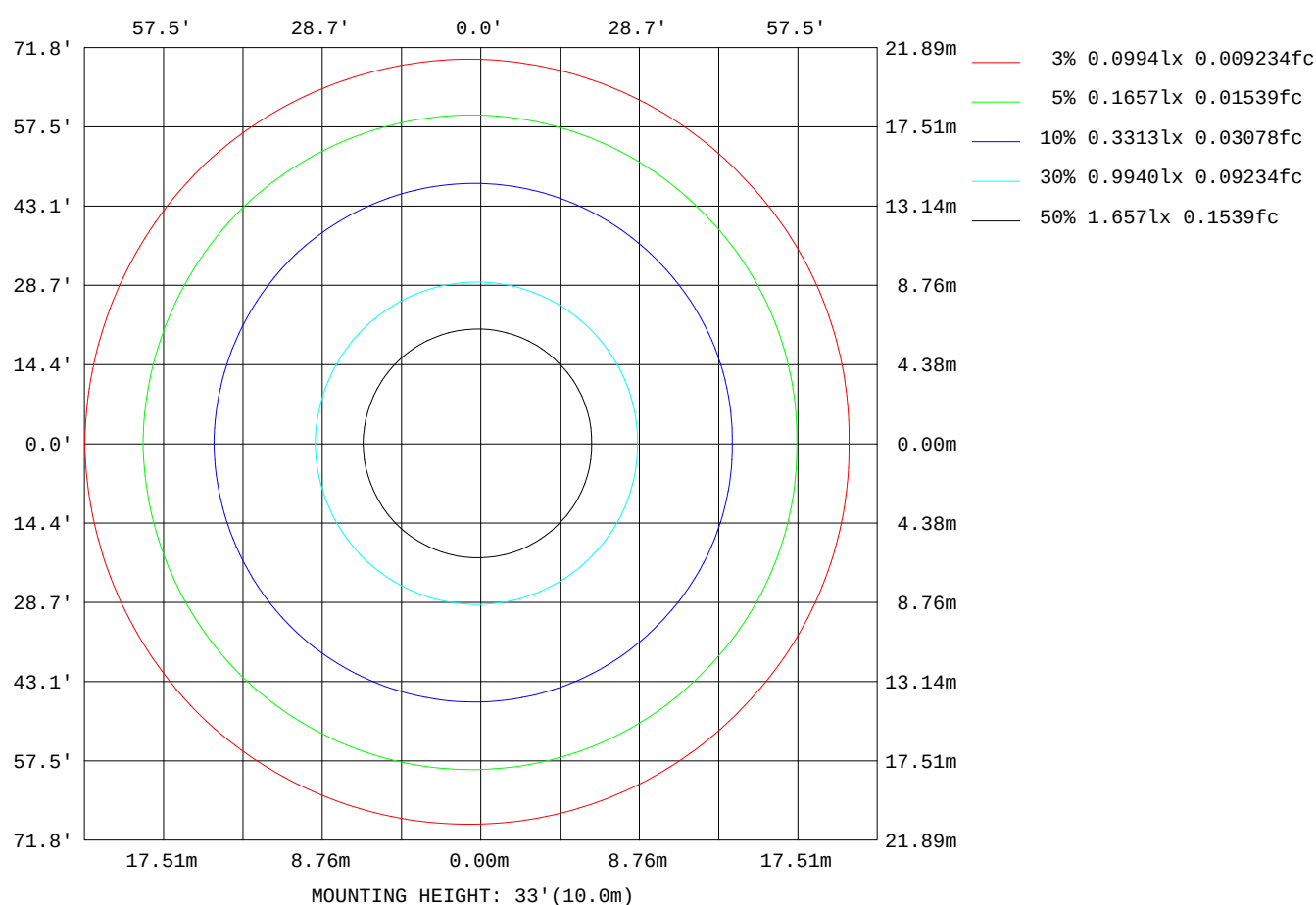
Checker: CHENXIAOFU

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

ISOLUX DIAGRAM

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-S-11W-3000K	TYPE: LED	WEIGHT:
SPEC.:0028920257 11W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



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Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

LED Avg.L Report

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-S-11W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920257 11W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	29557
L_0~180(75)av	28319
L_0~180(85)av	35821
L_90~270(65)av	29592
L_90~270(75)av	28358
L_90~270(85)av	35655
L_45(65)av	29549
L_45(75)av	28326
L_45(85)av	35798

Standard: GB/T 29293-2012

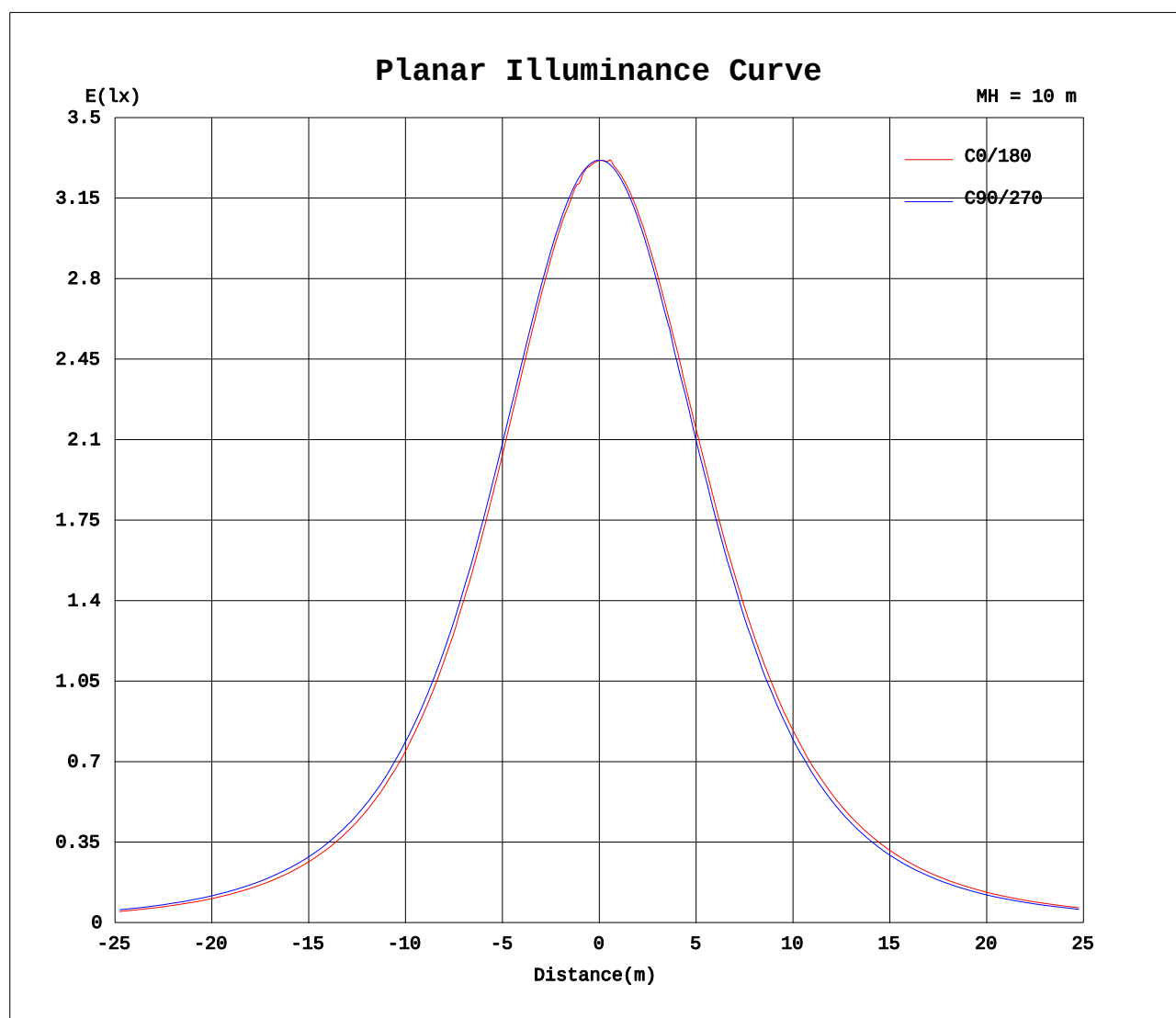
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

Checker: CHENXIAOFU

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

Planar Illuminance Curve



C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature: 25.1DEG
Operators:
Test Date: 2025-03-24

Checker: CHENXIAOFU

γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System: EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity: 56%
Test Distance: 11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

LUMINOUS DISTRIBUTION INTENSITY DATA

Test:U:220-240V I:0.065A P:11W PF:0.75 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-S-11W-3000K	TYPE: LED	WEIGHT:
SPEC.:0028920257 11W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEG) γ (DEG)	0	45	90	135	180	225	270	315										
0	331	331	332	331	331	331	332	331										
5	329	328	330	331	332	331	330	329										
10	323	323	325	328	329	328	326	324										
15	314	315	318	321	323	322	319	316										
20	303	305	308	313	315	313	311	305										
25	289	291	296	301	304	302	298	292										
30	273	275	281	287	291	289	283	276										
35	255	257	264	271	275	272	267	258										
40	234	237	244	252	257	254	246	238										
45	211	215	223	231	237	233	225	216										
50	187	191	199	210	215	212	203	193										
55	162	166	174	185	191	188	179	168										
60	136	140	149	160	166	163	154	142										
65	110	113	123	134	140	137	127	116										
70	83.3	87.0	96.3	108	114	111	101	89.6										
75	58.5	62.3	71.2	82.3	88.1	84.4	75.6	64.3										
80	37.5	40.9	48.6	58.1	62.9	60.1	51.9	42.4										
85	21.2	23.8	29.8	37.3	41.2	38.8	32.3	24.9										
90	10.1	11.8	15.7	20.8	23.9	22.0	17.6	12.5										
95	3.56	4.43	6.49	5.27	11.5	5.86	7.43	4.78										
100	0.94	0.86	0.83	0.74	1.82	0.68	0.96	0.77										
105	0.95	1.00	0.84	0.87	0.78	0.70	0.85	0.80										
110	1.10	1.15	1.14	1.01	0.90	0.83	1.01	1.00										
115	1.18	1.29	1.18	1.18	1.02	0.96	1.18	1.15										
120	1.31	1.43	1.35	1.34	1.17	1.15	1.27	1.30										
125	1.46	1.61	1.52	1.49	1.30	1.18	1.47	1.41										
130	1.58	1.81	1.78	1.54	1.43	1.35	1.67	1.48										
135	1.80	1.92	1.85	1.63	1.58	1.49	1.88	1.72										
140	1.91	1.92	1.98	1.79	1.79	1.63	1.90	1.81										
145	2.00	1.98	1.99	1.89	1.84	1.81	1.93	1.83										
150	2.03	2.15	2.01	2.04	1.90	1.88	2.02	1.94										
155	2.07	2.17	2.06	2.05	2.00	1.95	2.05	1.99										
160	2.17	2.23	2.11	2.18	2.11	1.98	2.14	2.09										
165	2.20	2.46	2.43	2.24	2.18	2.10	2.43	2.23										
170	2.40	2.66	2.36	2.35	2.27	2.15	2.64	2.48										
175	2.56	2.76	2.51	2.56	2.52	2.44	2.70	2.59										
180	2.93	2.89	2.85	2.85	2.93	2.82	2.85	2.82										

C Range: 0 - 360DEG
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