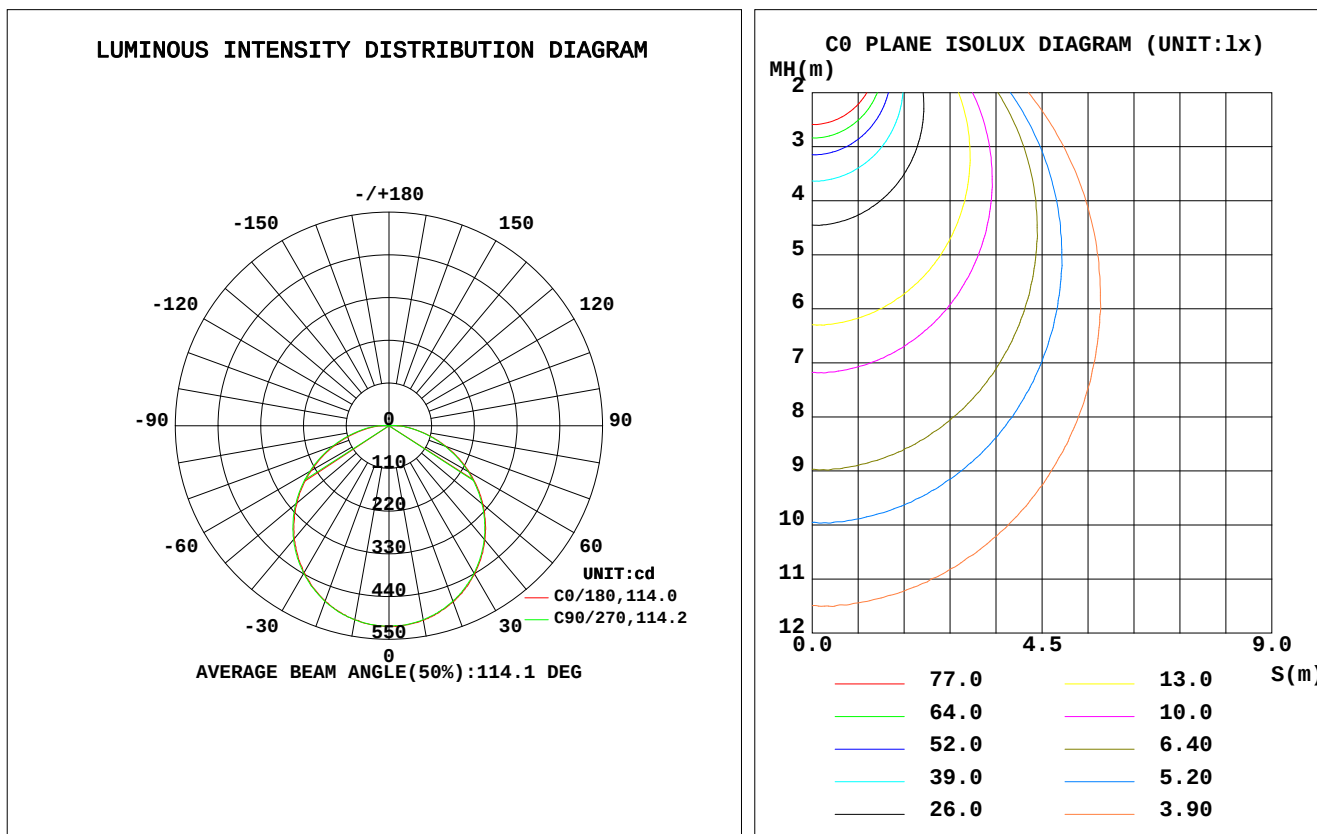


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 6500K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100 lm/W			
MODEL		Imax(cd)	450	S/MH(C0/180)	1.26
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	1500	η UP, DN(C0-180)	0.8, 49.3
NOMINAL FLUX(lm)	1500	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7, 49.1
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: 45.00DEG
 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	514.7	514.7	514.1	513.6	514.2	514.3	514.0	513.3	0- 5	12.32	12.32	0.79,0.79
10	508.3	507.9	506.8	506.7	507.4	507.5	508.1	508.2	5- 10	36.55	48.87	3.13,3.13
15	497.8	497.6	495.5	494.9	495.9	495.7	496.9	496.6	10- 15	59.56	108.4	6.94,6.94
20	482.3	481.8	481.0	479.4	480.6	479.9	481.2	481.9	15- 20	80.55	189.0	12.1,12.1
25	463.8	462.4	461.0	460.3	460.6	460.6	461.9	462.9	20- 25	98.90	287.9	18.4,18.4
30	440.3	439.3	438.2	436.5	436.8	437.1	439.1	439.5	25- 30	113.9	401.8	25.7,25.7
35	413.7	414.1	411.3	409.6	409.2	410.1	412.4	413.7	30- 35	125.2	527.0	33.7,33.7
40	384.0	384.0	381.7	379.1	379.3	379.7	382.1	383.5	35- 40	132.4	659.4	42.2,42.2
45	351.1	351.5	348.4	345.2	345.4	346.5	349.4	350.7	40- 45	135.2	794.6	50.9,50.9
50	316.3	316.4	312.4	309.8	309.7	310.9	313.4	315.3	45- 50	133.7	928.3	59.4,59.4
55	278.3	278.3	274.9	271.6	271.5	272.3	275.2	277.1	50- 55	127.8	1056	67.6,67.6
60	238.2	238.6	234.7	231.8	231.0	232.2	236.2	237.9	55- 60	117.9	1174	75.1,75.1
65	197.7	197.6	194.2	190.9	190.1	191.4	195.3	197.4	60- 65	104.4	1278	81.8,81.8
70	156.6	156.3	153.1	150.1	148.4	150.3	154.4	156.5	65- 70	87.96	1366	87.5,87.5
75	116.2	116.1	113.3	110.1	109.1	110.2	114.5	116.6	70- 75	69.55	1436	91.9,91.9
80	78.40	79.05	77.22	73.97	72.26	74.21	78.61	79.77	75- 80	50.53	1486	95.1,95.1
85	47.61	48.49	47.40	44.49	43.09	44.82	48.54	48.96	80- 85	33.18	1519	97.3,97.3
90	24.48	25.60	25.03	22.70	21.68	22.33	25.69	25.38	85- 90	19.04	1539	98.5,98.5
95	9.681	9.209	11.07	7.410	8.304	7.900	11.08	9.615	90- 95	8.872	1547	99.1,99.1
100	2.113	1.367	1.274	1.241	1.744	1.122	1.749	1.217	95-100	2.206	1550	99.2,99.2
105	1.403	1.427	1.383	1.478	1.405	1.260	1.387	1.291	100-105	0.7026	1550	99.2,99.2
110	1.601	1.767	1.720	1.716	1.633	1.581	1.675	1.508	105-110	0.7895	1551	99.3,99.3
115	1.818	2.056	1.960	1.954	1.860	1.767	1.913	1.746	110-115	0.8990	1552	99.4,99.4
120	1.993	2.335	2.397	2.109	2.006	1.956	2.246	1.941	115-120	0.9832	1553	99.4,99.4
125	2.250	2.604	2.757	2.294	2.233	2.097	2.595	2.097	120-125	1.032	1554	99.5,99.5
130	2.550	2.679	2.964	2.470	2.522	2.314	2.826	2.384	125-130	1.075	1555	99.5,99.5
135	2.758	2.740	3.347	2.687	2.687	2.479	3.265	2.562	130-135	1.091	1556	99.6,99.6
140	2.873	2.862	3.489	2.862	2.718	2.675	3.327	2.732	135-140	1.066	1557	99.7,99.7
145	3.006	3.183	3.493	3.101	2.976	3.046	3.220	2.851	140-145	1.004	1558	99.8,99.8
150	3.171	3.381	3.276	3.330	3.185	3.342	3.201	3.234	145-150	0.9448	1559	99.8,99.8
155	3.316	3.442	3.275	3.336	3.307	3.256	3.244	3.284	150-155	0.8314	1560	99.9,99.9
160	3.425	3.514	3.409	3.552	3.410	3.358	3.420	3.337	155-160	0.7023	1561	99.9,99.9
165	3.521	3.730	3.667	3.610	3.554	3.430	3.627	3.636	160-165	0.5789	1561	99.9,99.9
170	3.575	3.989	3.967	3.668	3.824	3.476	3.844	3.977	165-170	0.4362	1562	100,100
175	4.077	4.319	4.143	4.144	4.692	3.946	4.133	4.453	170-175	0.2812	1562	100,100
180	5.476	5.187	5.083	5.269	5.476	5.125	5.104	5.249	175-180	0.1094	1562	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 794.6 lm

%lum = 50.9%

%lamp = 50.9%

Conical surface Flux(120deg): 1173.9 lm

%lum = 75.1%

%lamp = 75.1%

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

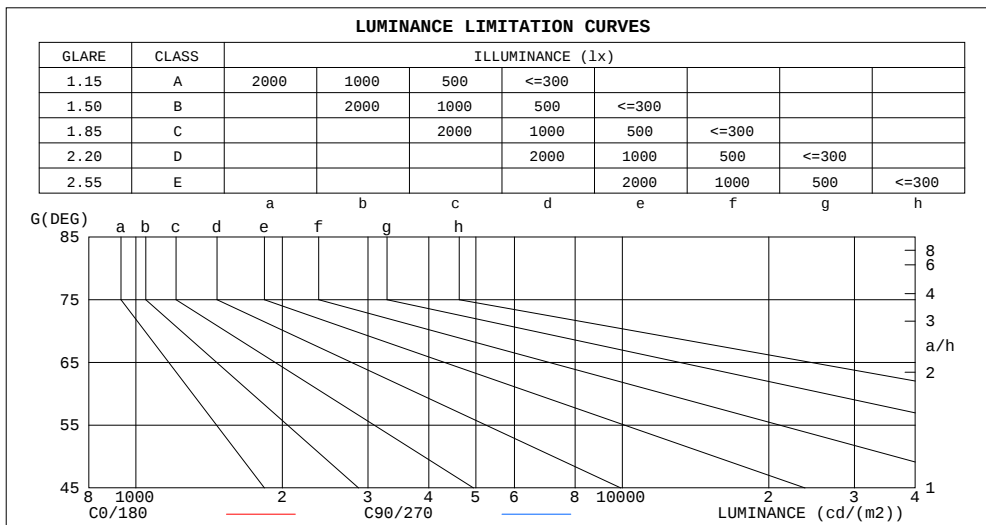
Checker: CHENXIAOFU

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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 6500K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	54628	54380
80	45150	44470
75	44903	43779
70	45788	44762
65	46790	45950
60	47632	46944
55	48528	47929
50	49214	48601
45	49652	49277

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

Checker: CHENXIAOFU

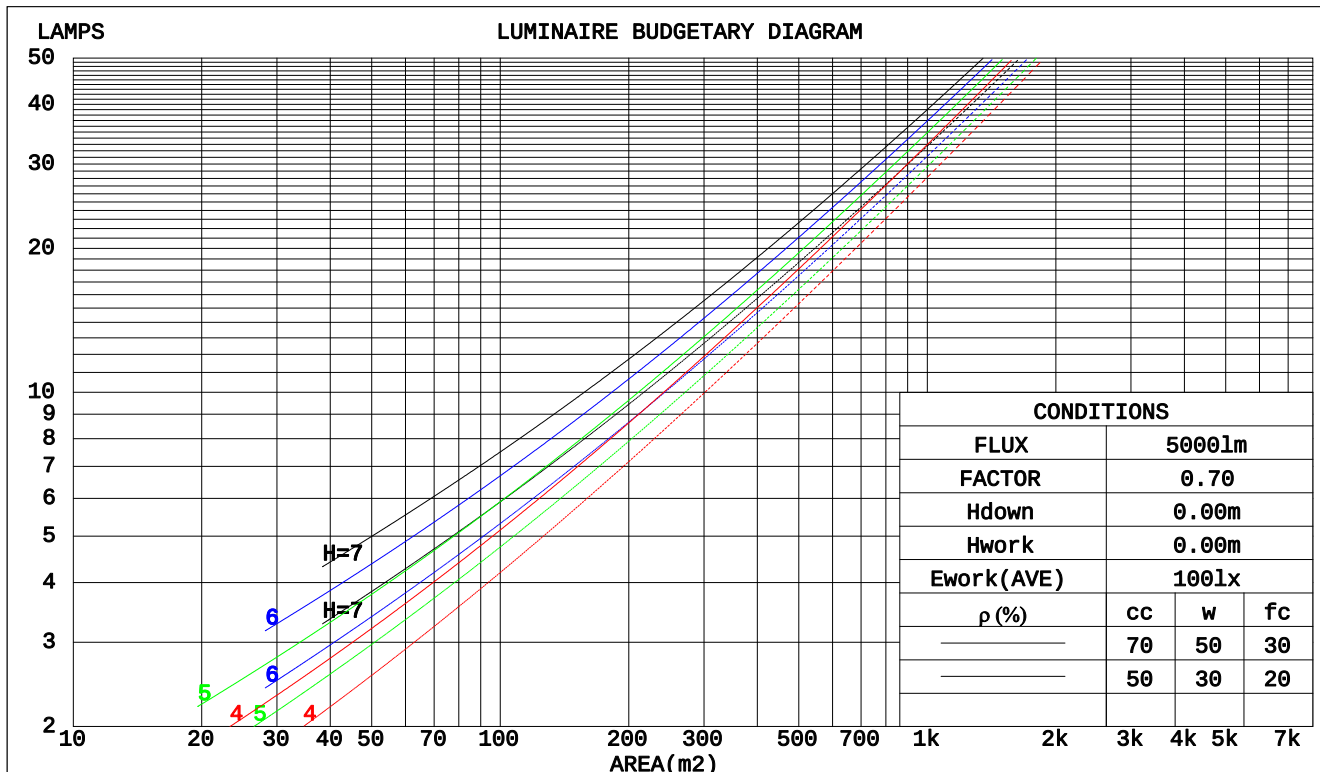
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

Assessor: Ju Hongli

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 6500K 1500lm	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						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	.98
1.0	1.03	.98	.94	1.00	.96	.92	.95	.92	.89	.91	.89	.86	.87	.85	.83	.81
2.0	.89	.82	.76	.87	.80	.75	.83	.78	.73	.80	.75	.71	.76	.72	.69	.67
3.0	.78	.69	.63	.76	.68	.62	.73	.66	.61	.70	.64	.59	.67	.62	.58	.56
4.0	.69	.60	.53	.67	.59	.52	.65	.57	.52	.62	.56	.51	.60	.54	.50	.48
5.0	.61	.52	.45	.60	.52	.45	.58	.50	.44	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.45	.39	.50	.44	.38	.49	.43	.38	.36
7.0	.50	.41	.35	.49	.41	.35	.47	.40	.34	.46	.39	.34	.44	.38	.34	.32
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.34	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.32	.27	.25
10.0	.39	.31	.25	.38	.30	.25	.37	.30	.25	.36	.29	.25	.35	.29	.25	.23



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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm					
NAME: BHD3S-TC-15W-6500K			TYPE:LED		WEIGHT:
SPEC.:0028920256 15W 6500K 1500lm			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	.329	.187	.059	.321	.183	.058	.307	.176	.056	.294	.170	.054	.282	.164	.053		
2.0	.303	.166	.051	.296	.163	.050	.283	.158	.049	.272	.153	.048	.261	.148	.047		
3.0	.277	.148	.044	.271	.145	.044	.260	.141	.043	.250	.137	.042	.240	.133	.041		
4.0	.254	.132	.039	.249	.130	.039	.239	.127	.038	.230	.123	.037	.221	.120	.037		
5.0	.234	.119	.035	.229	.118	.034	.221	.115	.034	.212	.112	.033	.205	.109	.033		
6.0	.216	.109	.031	.212	.107	.031	.204	.105	.030	.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	.187	.092	.026	.184	.091	.026	.178	.089	.025	.172	.087	.025	.166	.085	.025		
9.0	.175	.085	.024	.172	.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	.193	.168	.144	.165	.144	.124	.113	.099	.086	.065	.057	.050	.021	.018	.016	
2.0	.185	.144	.108	.159	.124	.094	.109	.085	.065	.063	.050	.038	.020	.016	.012	
3.0	.178	.126	.085	.152	.109	.074	.105	.076	.052	.060	.044	.030	.019	.014	.010	
4.0	.170	.113	.069	.146	.098	.060	.100	.068	.042	.058	.040	.025	.019	.013	.008	
5.0	.162	.103	.058	.139	.089	.051	.096	.062	.036	.056	.036	.021	.018	.012	.007	
6.0	.155	.094	.051	.133	.082	.044	.092	.057	.031	.053	.034	.019	.017	.011	.006	
7.0	.148	.087	.045	.127	.076	.039	.088	.053	.028	.051	.031	.016	.017	.010	.005	
8.0	.142	.082	.040	.122	.071	.035	.084	.050	.025	.049	.029	.015	.016	.010	.005	
9.0	.135	.077	.037	.117	.067	.032	.081	.047	.023	.047	.028	.014	.015	.009	.005	
10.0	.130	.072	.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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm											
NAME: BHD3S-TC-15W-6500K						TYPE:LED			WEIGHT:		
SPEC.:0028920256 15W 6500K 1500lm						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	2H	24.7	26.3	25.0	26.5	26.7	24.7	26.2	25.0	26.4	26.7
	3H	26.4	27.8	26.7	28.1	28.3	26.3	27.7	26.6	28.0	28.3
	4H	27.1	28.4	27.4	28.7	29.0	27.0	28.4	27.3	28.6	28.9
	6H	27.7	29.0	28.1	29.3	29.6	27.6	28.9	28.0	29.2	29.5
	8H	27.9	29.2	28.3	29.5	29.8	27.9	29.1	28.2	29.4	29.7
	12H	28.2	29.4	28.6	29.7	30.0	28.1	29.3	28.5	29.6	29.9
4H	2H	25.4	26.7	25.7	27.0	27.3	25.3	26.7	25.7	27.0	27.2
	3H	27.2	28.4	27.6	28.7	29.1	27.2	28.3	27.5	28.7	29.0
	4H	28.1	29.2	28.5	29.5	29.9	28.0	29.1	28.4	29.4	29.8
	6H	28.8	29.8	29.2	30.2	30.6	28.7	29.7	29.2	30.1	30.5
	8H	29.1	30.0	29.6	30.4	30.9	29.1	30.0	29.5	30.4	30.8
	12H	29.5	30.3	29.9	30.7	31.1	29.4	30.2	29.8	30.6	31.1
8H	4H	28.4	29.3	28.8	29.7	30.1	28.3	29.2	28.8	29.6	30.0
	6H	29.3	30.1	29.8	30.5	31.0	29.3	30.0	29.7	30.5	30.9
	8H	29.8	30.5	30.3	30.9	31.4	29.7	30.4	30.2	30.8	31.3
	12H	30.2	30.8	30.7	31.3	31.8	30.2	30.8	30.7	31.2	31.7
12H	4H	28.4	29.3	28.9	29.7	30.1	28.4	29.2	28.8	29.6	30.0
	6H	29.4	30.1	29.9	30.6	31.0	29.4	30.0	29.9	30.5	31.0
	8H	30.0	30.5	30.5	31.0	31.5	29.9	30.5	30.4	30.9	31.5
Variations with the observer position at spacings:											
S = 1.0H	+ 0.1 / - 0.2					+ 0.1 / - 0.2					
1.5H	+ 0.2 / - 0.3					+ 0.2 / - 0.3					
2.0H	+ 0.1 / - 0.3					+ 0.1 / - 0.3					

CIE Pub.117, 1562 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.5$)

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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 6500K 1500lm	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	44	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	71	63	80	70	63	77	68	62	54
1.50	86	76	69	85	75	68	81	73	67	59
2.00	93	84	78	91	83	77	88	81	75	67
2.50	97	89	83	95	88	82	91	85	80	71
3.00	101	93	88	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

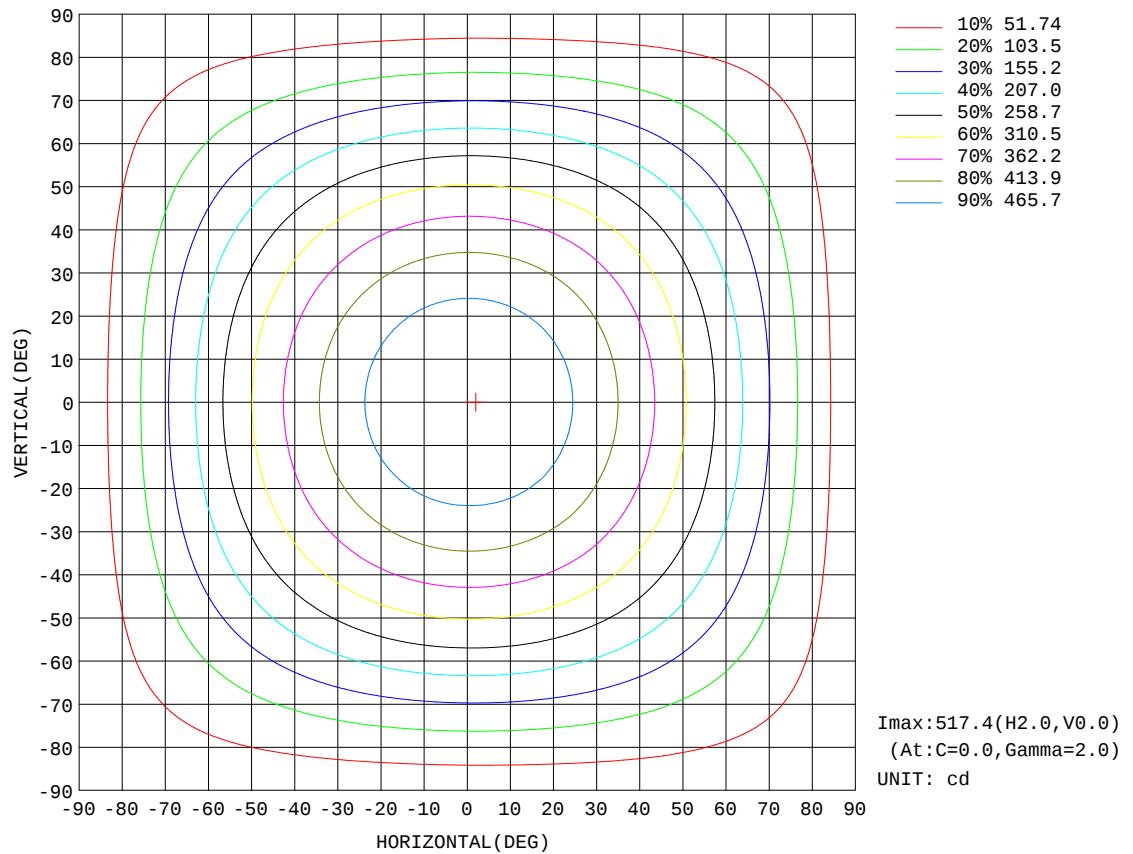
Checker: CHENXIAOFU

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 6500K 1500lm	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

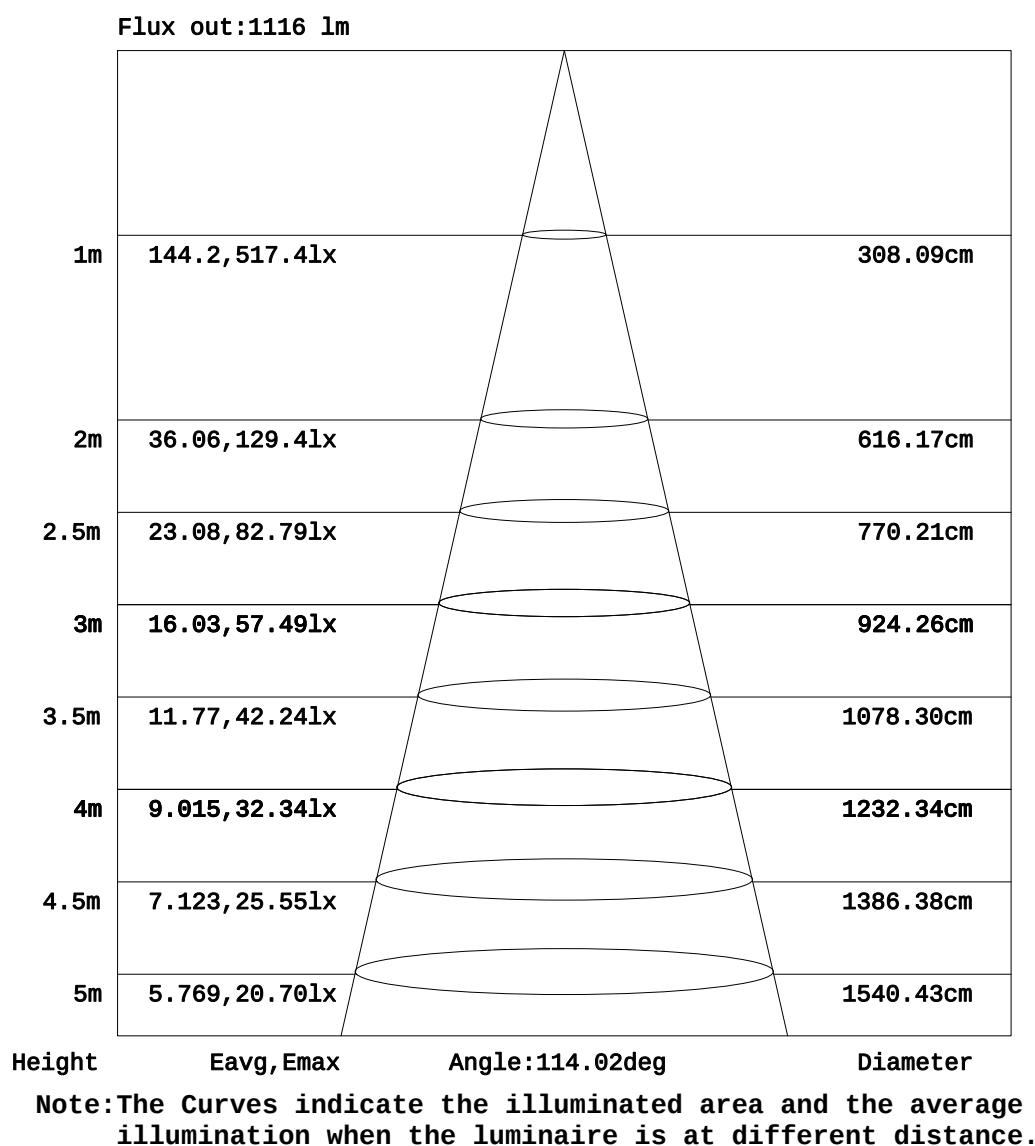
Checker: CHENXIAOFU

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

AAI Figure

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 6500K 1500lm	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

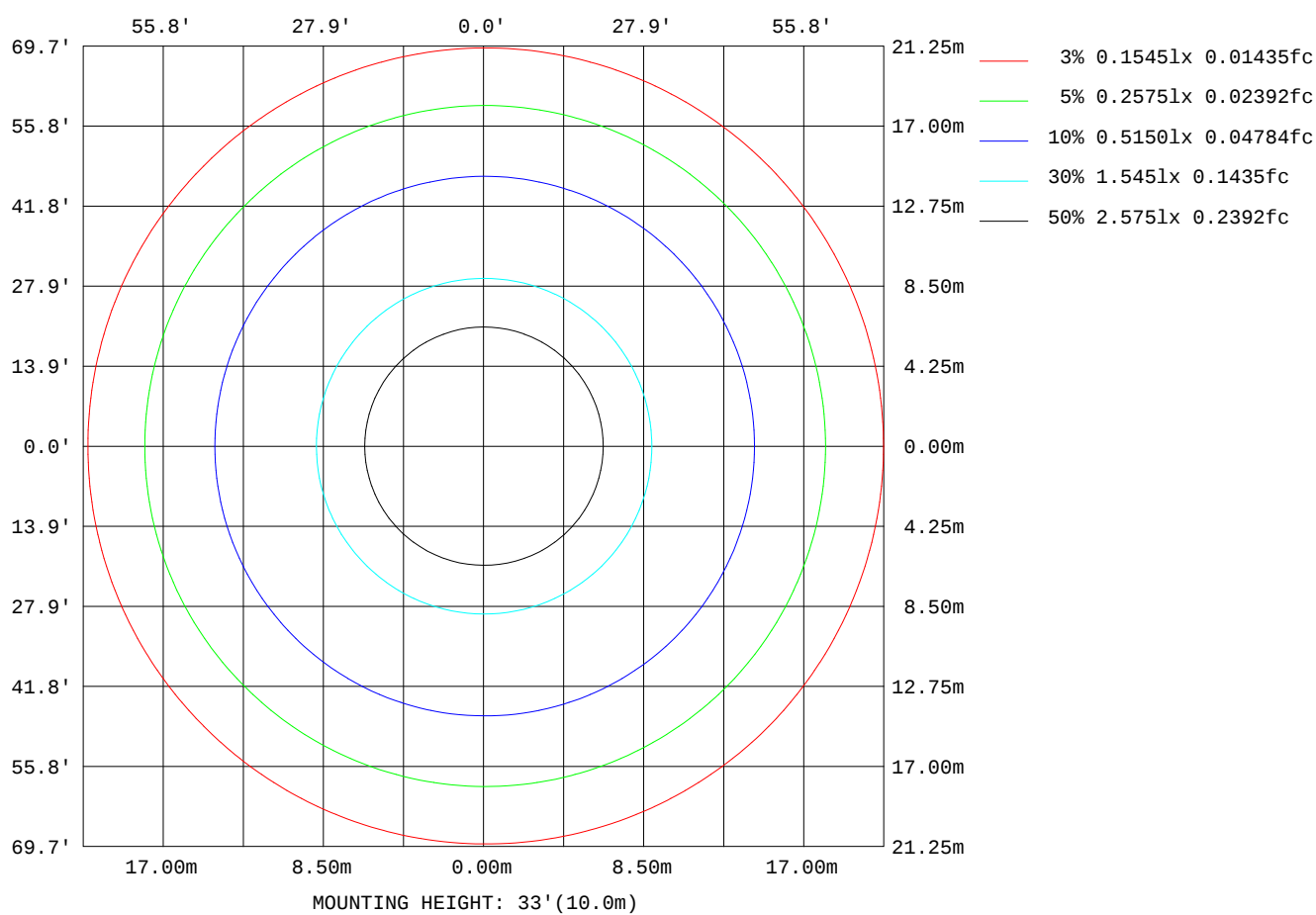
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

ISOLUX DIAGRAM

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 6500K 1500lm	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

LED Avg.L Report

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 6500K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	45890
L_0~180(75)av	43519
L_0~180(85)av	52036
L_90~270(65)av	46078
L_90~270(75)av	44008
L_90~270(85)av	55039
L_45(65)av	45980
L_45(75)av	43755
L_45(85)av	53572

Standard: GB/T 29293-2012

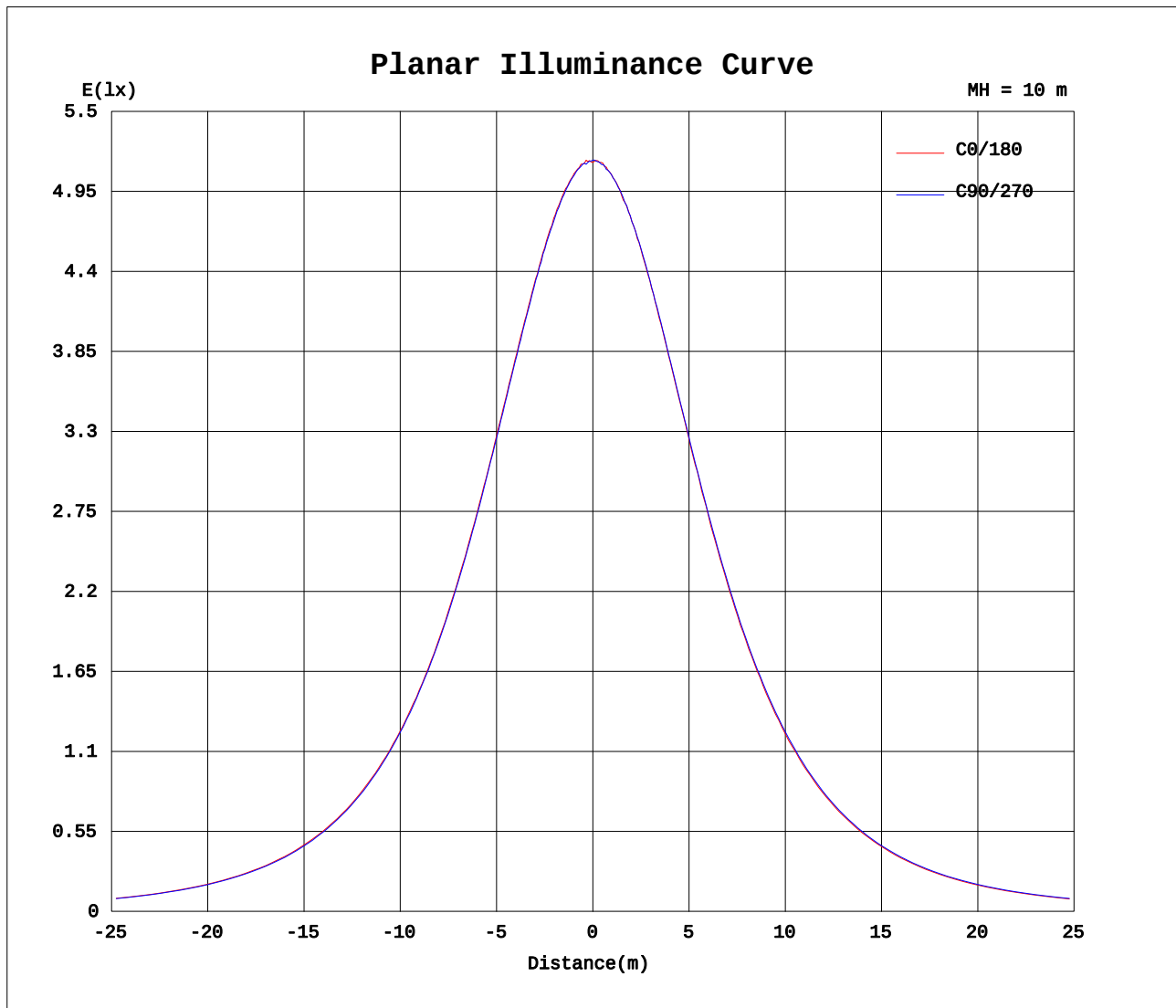
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-15W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 6500K 1500lm	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	515	517	516	516	515	517	516	516										
5	515	515	514	514	514	514	514	513										
10	508	508	507	507	507	507	508	508										
15	498	498	496	495	496	496	497	497										
20	482	482	481	479	481	480	481	482										
25	464	462	461	460	461	461	462	463										
30	440	439	438	437	437	437	439	439										
35	414	414	411	410	409	410	412	414										
40	384	384	382	379	379	380	382	383										
45	351	352	348	345	345	347	349	351										
50	316	316	312	310	310	311	313	315										
55	278	278	275	272	272	272	275	277										
60	238	239	235	232	231	232	236	238										
65	198	198	194	191	190	191	195	197										
70	157	156	153	150	148	150	154	156										
75	116	116	113	110	109	110	114	117										
80	78.4	79.0	77.2	74.0	72.3	74.2	78.6	79.8										
85	47.6	48.5	47.4	44.5	43.1	44.8	48.5	49.0										
90	24.5	25.6	25.0	22.7	21.7	22.3	25.7	25.4										
95	9.68	9.21	11.1	7.41	8.30	7.90	11.1	9.62										
100	2.11	1.37	1.27	1.24	1.74	1.12	1.75	1.22										
105	1.40	1.43	1.38	1.48	1.41	1.26	1.39	1.29										
110	1.60	1.77	1.72	1.72	1.63	1.58	1.68	1.51										
115	1.82	2.06	1.96	1.95	1.86	1.77	1.91	1.75										
120	1.99	2.34	2.40	2.11	2.01	1.96	2.25	1.94										
125	2.25	2.60	2.76	2.29	2.23	2.10	2.59	2.10										
130	2.55	2.68	2.96	2.47	2.52	2.31	2.83	2.38										
135	2.76	2.74	3.35	2.69	2.69	2.48	3.26	2.56										
140	2.87	2.86	3.49	2.86	2.72	2.68	3.33	2.73										
145	3.01	3.18	3.49	3.10	2.98	3.05	3.22	2.85										
150	3.17	3.38	3.28	3.33	3.19	3.34	3.20	3.23										
155	3.32	3.44	3.27	3.34	3.31	3.26	3.24	3.28										
160	3.42	3.51	3.41	3.55	3.41	3.36	3.42	3.34										
165	3.52	3.73	3.67	3.61	3.55	3.43	3.63	3.64										
170	3.57	3.99	3.97	3.67	3.82	3.48	3.84	3.98										
175	4.08	4.32	4.14	4.14	4.69	3.95	4.13	4.45										
180	5.48	5.19	5.08	5.27	5.48	5.12	5.10	5.25										

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

γ Range: 0 - 180DEG
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Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
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Checker: CHENXIAOFU

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