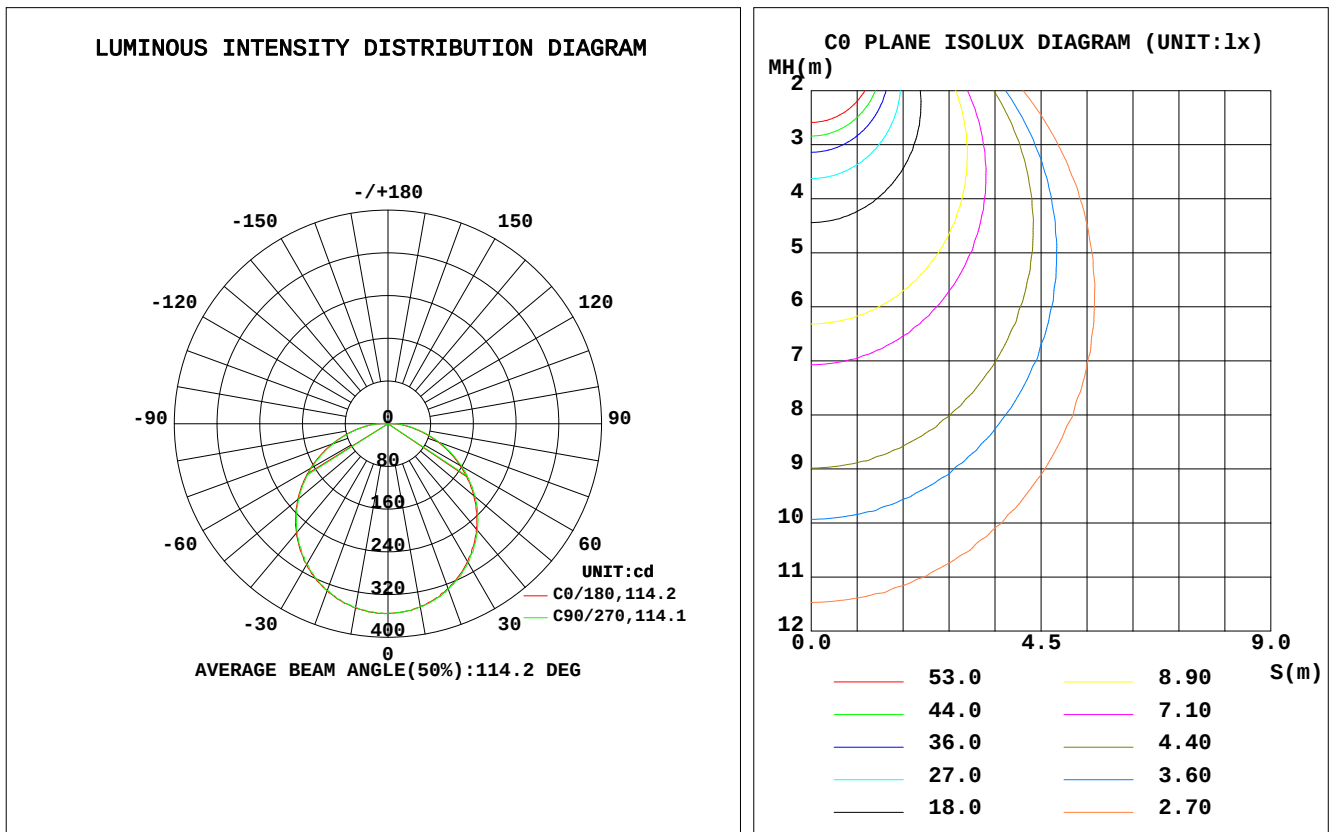


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220-240V I:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 100 lm/W			
MODEL		Imax(cd)	300	S/MH(C0/180)	1.28
NOMINAL POWER(W)	10W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	1000	η UP, DN(C0-180)	0.7, 48.5
NOMINAL FLUX(lm)	1000	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 50.0
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	353.2	352.9	353.3	354.2	354.3	353.8	353.5	354.1	0- 5	8.472	8.472	0.79,0.79
10	348.1	347.9	348.5	348.8	350.3	350.0	349.3	348.9	5- 10	25.14	33.61	3.12,3.12
15	339.6	338.9	341.0	342.0	342.9	343.0	341.8	341.2	10- 15	40.96	74.57	6.93,6.93
20	328.5	329.3	329.6	331.6	332.9	333.1	332.3	330.4	15- 20	55.40	130.0	12.1,12.1
25	314.1	315.0	316.1	319.2	320.3	320.3	320.2	317.1	20- 25	68.00	198.0	18.4,18.4
30	298.1	299.1	299.8	303.7	304.3	304.6	303.8	300.3	25- 30	78.37	276.3	25.7,25.7
35	279.5	279.7	280.8	284.8	287.4	286.2	284.6	282.3	30- 35	86.12	362.5	33.7,33.7
40	257.4	257.8	260.5	264.4	266.8	267.2	264.6	261.7	35- 40	91.06	453.5	42.2,42.2
45	235.4	235.5	238.2	242.2	244.4	245.0	242.8	238.8	40- 45	93.04	546.6	50.8,50.8
50	210.1	210.4	213.0	217.2	220.4	220.1	217.9	213.9	45- 50	91.97	638.5	59.4,59.4
55	182.8	183.9	186.5	191.2	194.6	194.4	191.9	187.1	50- 55	87.95	726.5	67.5,67.5
60	155.6	155.7	159.1	163.8	167.5	167.0	165.3	159.5	55- 60	81.10	807.6	75.1,75.1
65	127.6	128.2	131.0	136.1	139.8	139.3	137.2	131.6	60- 65	71.82	879.4	81.8,81.8
70	99.54	99.85	101.8	107.6	111.6	110.9	109.1	103.5	65- 70	60.56	940.0	87.4,87.4
75	72.16	72.63	75.16	80.06	83.85	83.61	81.55	76.04	70- 75	47.94	987.9	91.8,91.8
80	47.50	48.24	50.41	54.88	58.27	58.56	56.65	51.64	75- 80	34.95	1023	95.1,95.1
85	28.21	28.66	30.53	33.66	36.36	37.08	35.41	31.29	80- 85	23.11	1046	97.2,97.2
90	14.33	14.74	15.94	17.65	19.38	20.03	19.25	16.34	85- 90	13.40	1059	98.5,98.5
95	5.819	5.113	6.725	4.356	7.999	5.220	8.589	5.604	90- 95	6.388	1066	99.1,99.1
100	1.696	0.9319	0.8686	0.8276	1.736	0.7333	0.7652	0.8679	95-100	1.461	1067	99.2,99.2
105	0.9900	1.024	0.9376	0.9931	0.8888	0.7853	0.9201	0.8879	100-105	0.4890	1068	99.3,99.3
110	1.110	1.198	1.103	1.157	1.066	0.9947	1.085	1.058	105-110	0.5308	1068	99.3,99.3
115	1.270	1.396	1.280	1.312	1.240	1.125	1.240	1.146	110-115	0.5929	1069	99.4,99.4
120	1.429	1.623	1.476	1.435	1.360	1.295	1.374	1.271	115-120	0.6512	1069	99.4,99.4
125	1.467	1.839	1.754	1.540	1.509	1.372	1.571	1.436	120-125	0.6821	1070	99.5,99.5
130	1.724	1.918	1.901	1.695	1.676	1.456	1.725	1.570	125-130	0.7092	1071	99.6,99.6
135	1.931	1.920	2.126	1.839	1.829	1.611	2.015	1.746	130-135	0.7248	1072	99.6,99.6
140	2.020	1.984	2.368	1.945	1.935	1.746	2.039	1.767	135-140	0.7175	1072	99.7,99.7
145	2.072	2.160	2.353	2.058	2.015	1.942	2.091	1.911	140-145	0.6727	1073	99.8,99.8
150	2.159	2.366	2.326	2.225	2.118	2.118	2.152	2.097	145-150	0.6294	1074	99.8,99.8
155	2.201	2.317	2.237	2.252	2.201	2.196	2.211	2.143	150-155	0.5588	1074	99.9,99.9
160	2.397	2.418	2.364	2.352	2.327	2.217	2.387	2.365	155-160	0.4753	1075	99.9,99.9
165	2.428	2.598	2.448	2.449	2.377	2.355	2.542	2.610	160-165	0.3983	1075	99.9,99.9
170	2.438	2.832	2.716	2.532	2.511	2.510	2.666	2.768	165-170	0.2998	1075	100,100
175	2.933	3.136	3.047	2.811	2.646	2.706	2.935	2.933	170-175	0.1947	1076	100,100
180	3.337	3.286	3.265	3.399	3.296	3.265	3.275	3.399	175-180	0.0728	1076	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 546.55 lm

%lum = 50.8%

%lamp = 50.8%

Conical surface Flux(120deg): 807.57 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

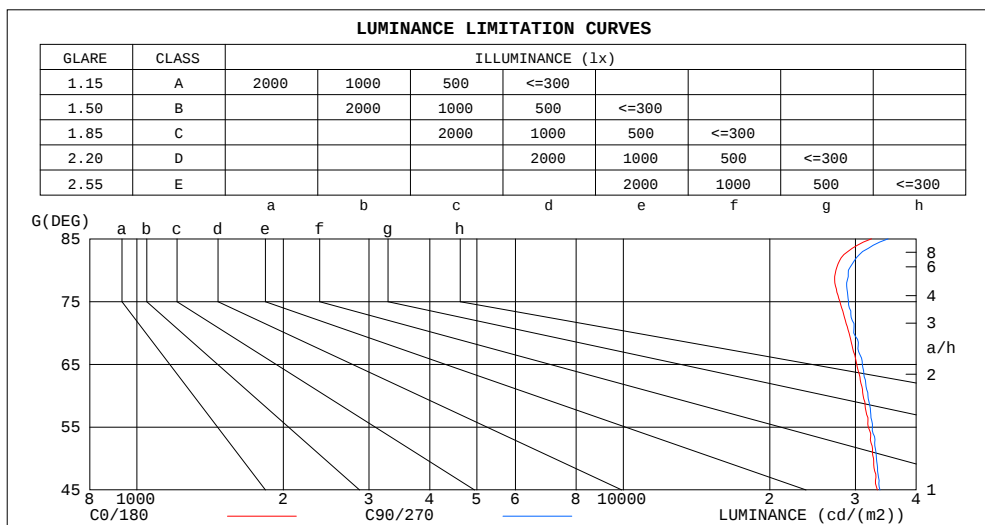
Checker: CHENXIAOFU

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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	32366	35028
80	27355	29029
75	27879	29040
70	29102	29758
65	30181	30987
60	31117	31825
55	31877	32521
50	32689	33137
45	33285	33681

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

Checker: CHENXIAOFU

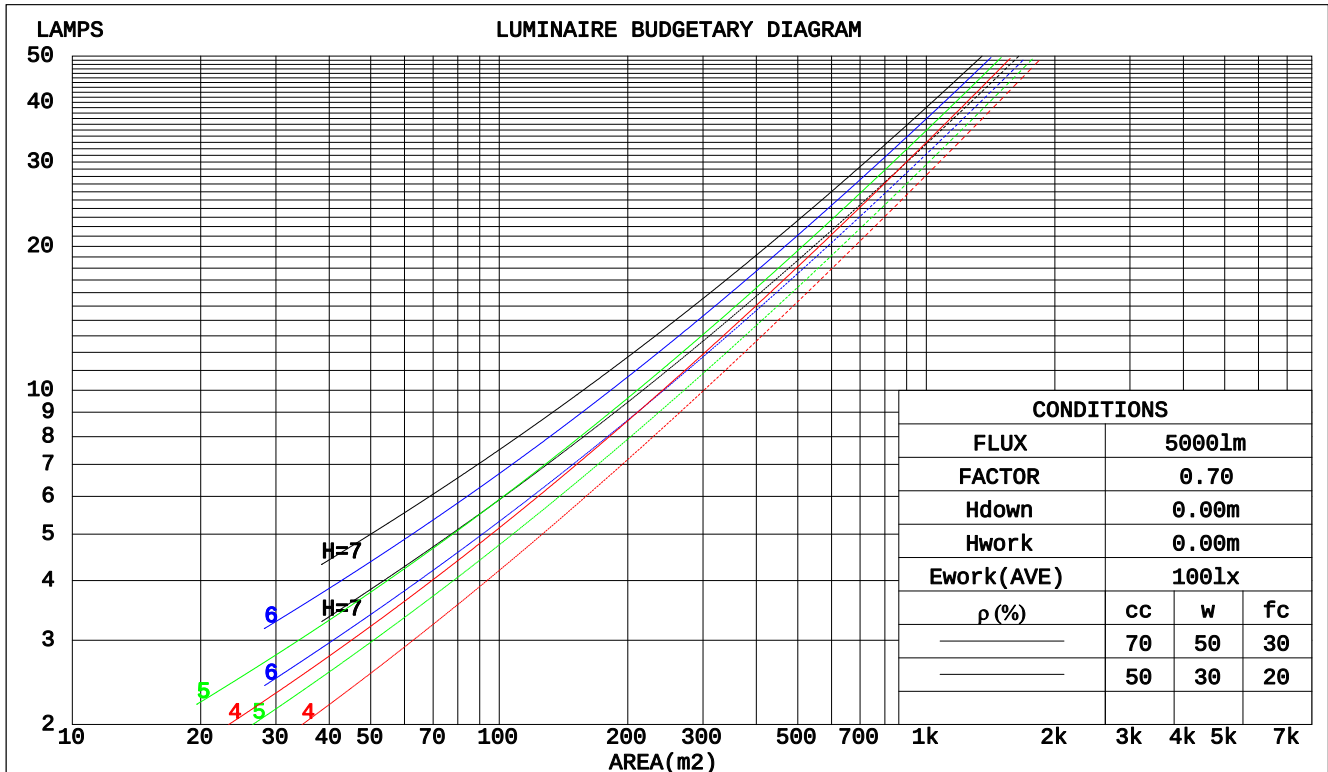
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Assessor: Ju Hongli

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220-240V I:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 4000K 1000lm	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	Coefficients of Utilization(CU)															
	RCR:Room Cavity Ratio															
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	1.02	.98	.94	1.00	.96	.92	.95	.92	.89	.91	.88	.86	.87	.85	.83	.81
2.0	.89	.82	.76	.87	.80	.75	.83	.77	.73	.79	.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	.51	.62	.56	.51	.60	.54	.50	.47
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	.44	.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	.31
8.0	.46	.37	.31	.45	.37	.31	.43	.36	.31	.42	.35	.30	.41	.35	.30	.28
9.0	.42	.33	.28	.41	.33	.28	.40	.33	.28	.39	.32	.27	.38	.31	.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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm					
NAME: BHD3S-TC-10W-4000K			TYPE:LED		WEIGHT:
SPEC.:0028920256 10W 4000K 1000lm			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	.330	.188	.059	.322	.184	.058	.308	.177	.056	.295	.170	.055	.283	.164	.053		
2.0	.303	.166	.051	.296	.163	.050	.284	.158	.049	.272	.153	.048	.261	.148	.047		
3.0	.277	.148	.044	.272	.145	.044	.260	.141	.043	.250	.137	.042	.240	.133	.041		
4.0	.254	.132	.039	.249	.130	.039	.239	.127	.038	.230	.124	.037	.221	.120	.037		
5.0	.234	.119	.035	.230	.118	.034	.221	.115	.034	.212	.112	.033	.205	.109	.033		
6.0	.217	.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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm										
NAME: BHD3S-TC-10W-4000K					TYPE:LED			WEIGHT:		
SPEC.:0028920256 10W 4000K 1000lm					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	24.4	26.0	24.7	26.2	26.4	24.5	26.0	24.8	26.3	26.5
3H	26.0	27.4	26.3	27.7	27.9	26.1	27.5	26.4	27.8	28.0
4H	26.7	28.0	27.0	28.3	28.6	26.8	28.1	27.1	28.4	28.7
6H	27.2	28.4	27.5	28.8	29.1	27.3	28.6	27.7	28.9	29.2
8H	27.4	28.6	27.8	28.9	29.3	27.6	28.8	27.9	29.1	29.4
12H	27.6	28.8	28.0	29.1	29.4	27.8	29.0	28.2	29.3	29.7
4H 2H	25.0	26.4	25.4	26.7	27.0	25.1	26.4	25.4	26.7	27.0
3H	26.8	28.0	27.2	28.3	28.6	26.9	28.1	27.3	28.4	28.7
4H	27.6	28.7	28.0	29.0	29.4	27.7	28.8	28.1	29.1	29.5
6H	28.3	29.2	28.7	29.6	30.0	28.4	29.4	28.8	29.8	30.2
8H	28.6	29.5	29.0	29.9	30.3	28.7	29.6	29.2	30.0	30.4
12H	28.8	29.7	29.3	30.1	30.5	29.0	29.9	29.5	30.3	30.7
8H 4H	27.9	28.8	28.3	29.2	29.6	28.0	28.9	28.4	29.3	29.7
6H	28.7	29.5	29.2	29.9	30.4	28.9	29.6	29.4	30.1	30.5
8H	29.2	29.8	29.6	30.3	30.8	29.3	30.0	29.8	30.4	30.9
12H	29.6	30.1	30.1	30.6	31.1	29.8	30.3	30.3	30.8	31.3
12H 4H	27.9	28.8	28.4	29.2	29.6	28.0	28.8	28.5	29.3	29.7
6H	28.8	29.5	29.3	30.0	30.5	29.0	29.6	29.5	30.1	30.6
8H	29.3	29.9	29.8	30.4	30.9	29.5	30.0	30.0	30.5	31.0
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, 1076 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.3$)

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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 4000K 1000lm	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	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

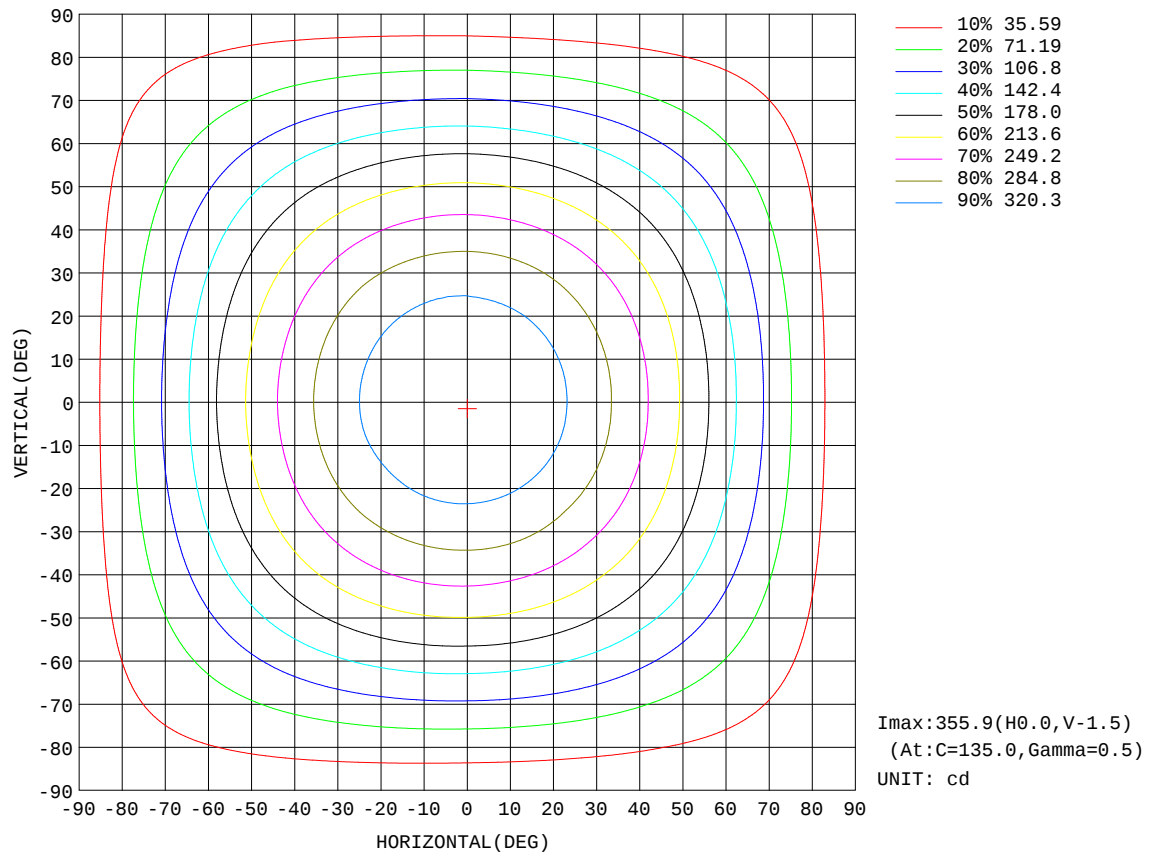
Checker: CHENXIAOFU

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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 4000K 1000lm	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

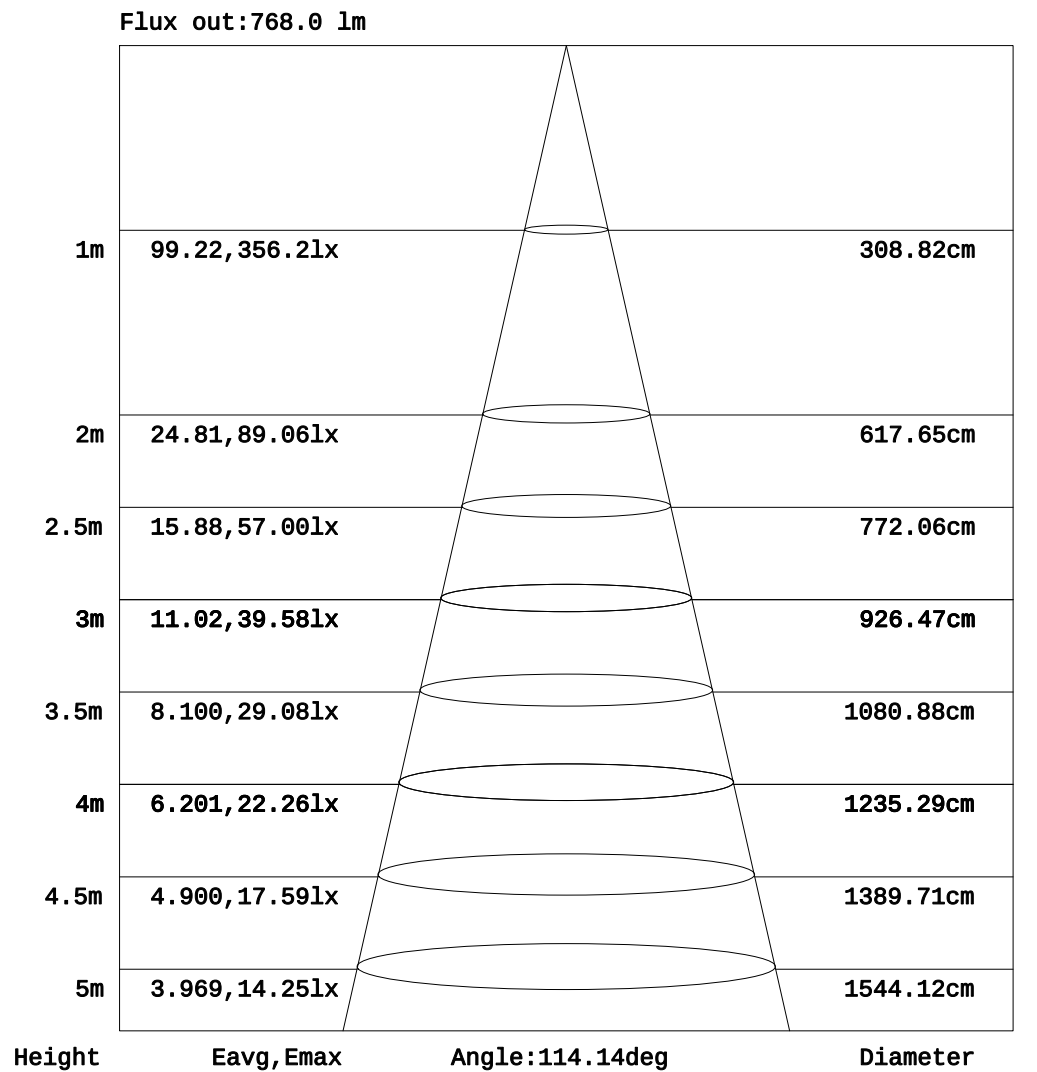
Checker: CHENXIAOFU

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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	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: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

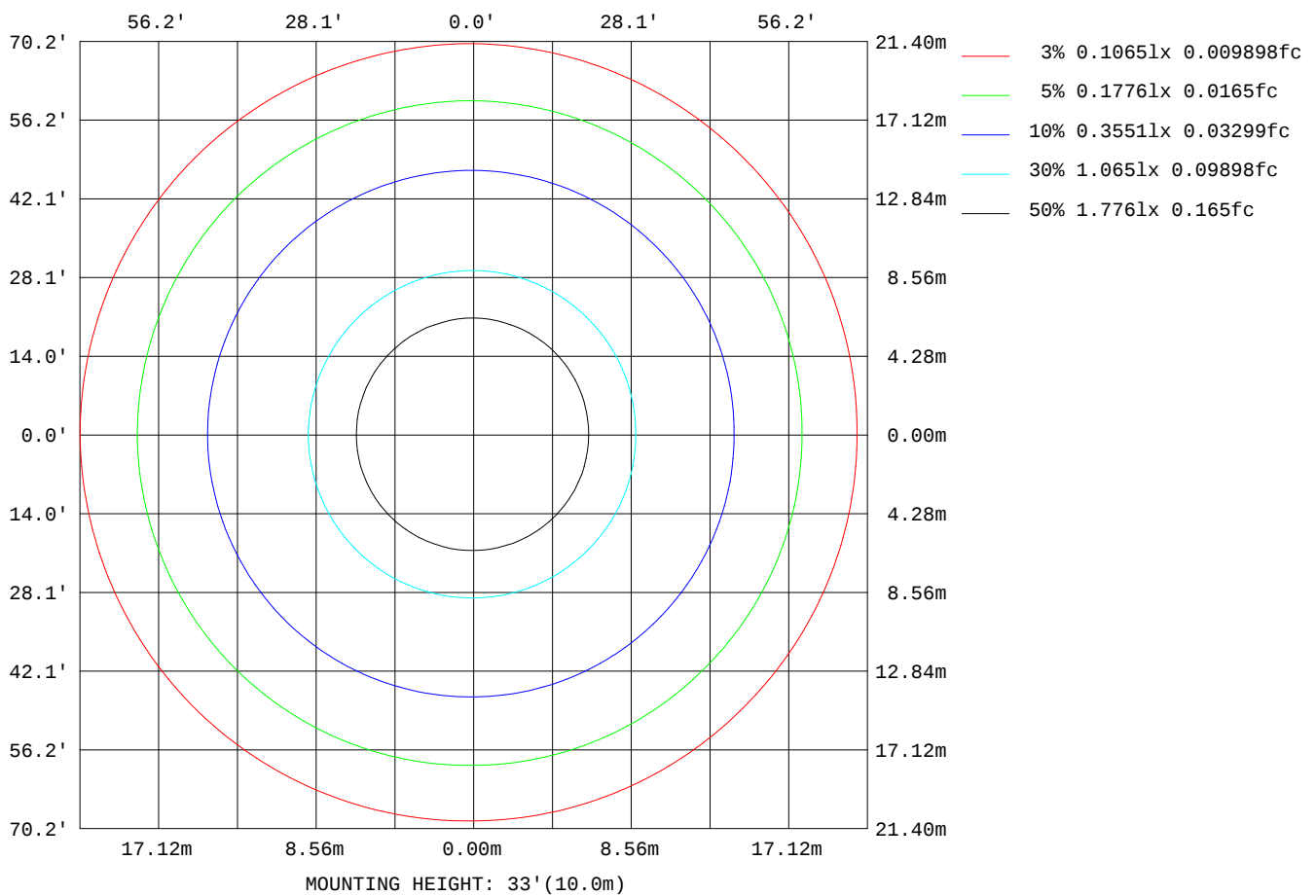
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

ISOLUX DIAGRAM

Test:U:220-240V I:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 4000K 1000lm	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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-4000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 4000K 1000lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	31635
L_0~180(75)av	30138
L_0~180(85)av	37042
L_90~270(65)av	31728
L_90~270(75)av	30275
L_90~270(85)av	37825
L_45(65)av	31657
L_45(75)av	30168
L_45(85)av	37484

Standard: GB/T 29293-2012

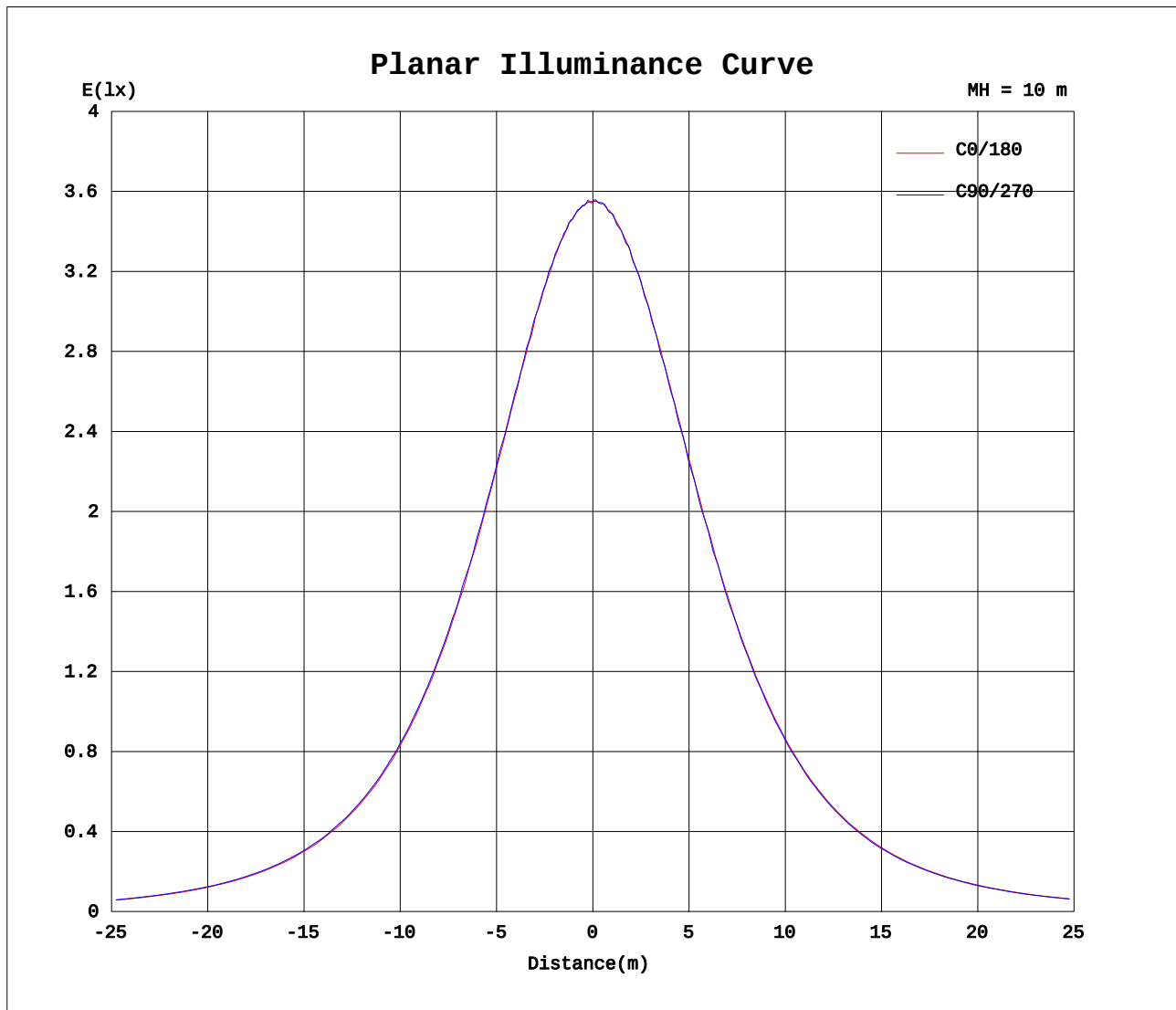
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:1000x1 lm		
NAME: BHD3S-TC-10W-4000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 4000K 1000lm	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	355	355	355	355	355	355	355	355										
5	353	353	353	354	354	354	353	354										
10	348	348	348	349	350	350	349	349										
15	340	339	341	342	343	343	342	341										
20	329	329	330	332	333	333	332	330										
25	314	315	316	319	320	320	320	317										
30	298	299	300	304	304	305	304	300										
35	279	280	281	285	287	286	285	282										
40	257	258	261	264	267	267	265	262										
45	235	236	238	242	244	245	243	239										
50	210	210	213	217	220	220	218	214										
55	183	184	187	191	195	194	192	187										
60	156	156	159	164	167	167	165	159										
65	128	128	131	136	140	139	137	132										
70	99.5	99.9	102	108	112	111	109	104										
75	72.2	72.6	75.2	80.1	83.9	83.6	81.6	76.0										
80	47.5	48.2	50.4	54.9	58.3	58.6	56.7	51.6										
85	28.2	28.7	30.5	33.7	36.4	37.1	35.4	31.3										
90	14.3	14.7	15.9	17.7	19.4	20.0	19.3	16.3										
95	5.82	5.11	6.73	4.36	8.00	5.22	8.59	5.60										
100	1.70	0.93	0.87	0.83	1.74	0.73	0.77	0.87										
105	0.99	1.02	0.94	0.99	0.89	0.79	0.92	0.89										
110	1.11	1.20	1.10	1.16	1.07	0.99	1.09	1.06										
115	1.27	1.40	1.28	1.31	1.24	1.13	1.24	1.15										
120	1.43	1.62	1.48	1.43	1.36	1.30	1.37	1.27										
125	1.47	1.84	1.75	1.54	1.51	1.37	1.57	1.44										
130	1.72	1.92	1.90	1.70	1.68	1.46	1.73	1.57										
135	1.93	1.92	2.13	1.84	1.83	1.61	2.02	1.75										
140	2.02	1.98	2.37	1.95	1.94	1.75	2.04	1.77										
145	2.07	2.16	2.35	2.06	2.02	1.94	2.09	1.91										
150	2.16	2.37	2.33	2.23	2.12	2.12	2.15	2.10										
155	2.20	2.32	2.24	2.25	2.20	2.20	2.21	2.14										
160	2.40	2.42	2.36	2.35	2.33	2.22	2.39	2.36										
165	2.43	2.60	2.45	2.45	2.38	2.35	2.54	2.61										
170	2.44	2.83	2.72	2.53	2.51	2.51	2.67	2.77										
175	2.93	3.14	3.05	2.81	2.65	2.71	2.94	2.93										
180	3.34	3.29	3.26	3.40	3.30	3.26	3.28	3.40										

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
Humidity:56%
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