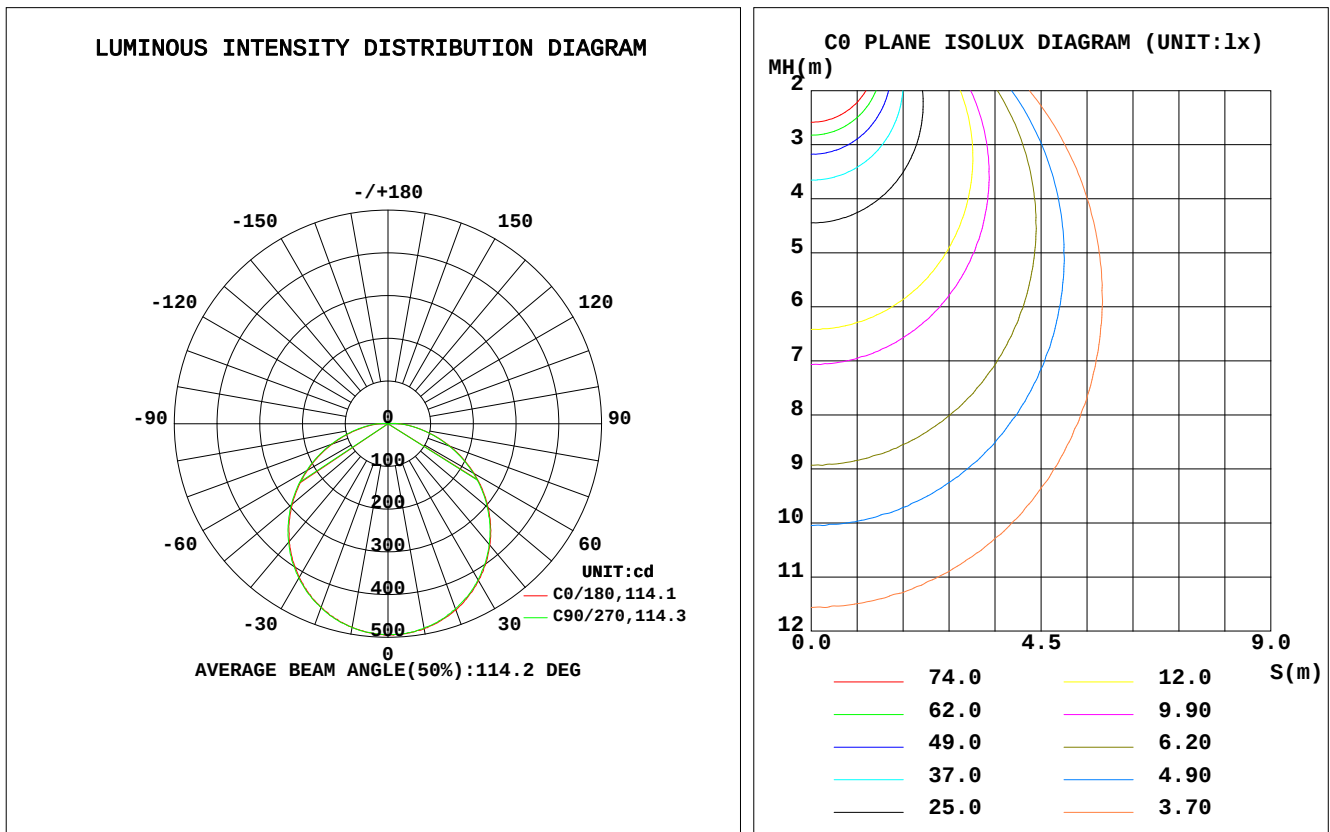


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1400x1 lm		
NAME: BHD3S-TC-15W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 3000K 1400lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93 lm/W			
MODEL		Imax(cd)	450	S/MH(C0/180)	1.25
NOMINAL POWER(W)	15W	LOR(%)	100.0	S/MH(C90/270)	1.26
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	1400	η UP, DN(C0-180)	0.8, 50.1
NOMINAL FLUX(lm)	1400	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7, 48.4
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	493.1	492.8	492.2	491.5	491.6	491.3	490.5	492.1	0- 5	11.78	11.78	0.79,0.79
10	487.7	487.0	486.0	484.2	483.8	481.9	484.1	485.1	5- 10	34.95	46.73	3.12,3.12
15	477.4	477.5	475.9	473.4	473.1	471.9	473.6	474.4	10- 15	56.94	103.7	6.93,6.93
20	464.3	463.1	461.8	459.1	458.0	456.9	457.4	460.6	15- 20	77.04	180.7	12.1,12.1
25	445.5	445.8	443.9	439.8	438.8	437.7	439.8	442.2	20- 25	94.57	275.3	18.4,18.4
30	423.9	424.9	422.1	417.7	415.3	414.2	417.1	421.5	25- 30	109.0	384.2	25.7,25.7
35	399.5	399.8	397.1	392.2	389.9	387.2	392.1	395.1	30- 35	119.8	504.0	33.7,33.7
40	370.6	372.4	368.3	363.1	359.3	357.9	361.8	367.6	35- 40	126.6	630.7	42.2,42.2
45	339.2	341.5	337.4	331.6	327.3	325.4	330.0	335.6	40- 45	129.4	760.0	50.8,50.8
50	305.9	308.1	303.2	296.6	292.6	290.5	295.7	301.2	45- 50	127.9	887.9	59.3,59.3
55	270.5	272.5	267.9	261.0	255.7	253.1	259.1	264.8	50- 55	122.3	1010	67.5,67.5
60	232.7	234.5	230.2	222.6	217.1	215.3	220.2	227.3	55- 60	112.8	1123	75.1,75.1
65	193.7	196.1	191.2	183.9	178.4	176.0	181.1	188.1	60- 65	99.90	1223	81.7,81.7
70	154.8	157.3	152.1	144.4	139.1	137.1	142.2	149.0	65- 70	84.25	1307	87.4,87.4
75	116.0	118.8	113.9	106.5	101.0	99.14	104.6	110.7	70- 75	66.71	1374	91.8,91.8
80	79.72	83.21	79.09	72.00	66.91	66.48	70.94	75.88	75- 80	48.71	1423	95.1,95.1
85	49.75	52.79	49.48	43.43	39.56	39.55	43.46	46.70	80- 85	32.24	1455	97.2,97.2
90	26.84	29.21	27.06	22.46	19.48	19.82	22.93	24.84	85- 90	18.73	1474	98.5,98.5
95	11.71	8.615	11.07	6.118	7.145	6.085	9.895	8.077	90- 95	8.840	1482	99.1,99.1
100	3.493	1.555	1.147	1.172	1.483	1.126	1.186	1.178	95-100	2.046	1484	99.2,99.2
105	1.281	1.314	1.260	1.374	1.312	1.250	1.354	1.188	100-105	0.6982	1485	99.3,99.3
110	1.436	1.541	1.498	1.654	1.520	1.457	1.561	1.425	105-110	0.7313	1486	99.3,99.3
115	1.787	1.798	1.818	1.883	1.828	1.816	1.777	1.673	110-115	0.8343	1487	99.4,99.4
120	1.973	2.057	2.045	2.098	1.973	1.922	2.025	1.829	115-120	0.9160	1488	99.4,99.4
125	2.110	2.387	2.436	2.149	2.077	2.001	2.223	1.972	120-125	0.9573	1489	99.5,99.5
130	2.263	2.614	2.570	2.356	2.253	2.159	2.540	2.246	125-130	0.9882	1490	99.6,99.6
135	2.602	2.613	2.849	2.501	2.605	2.459	2.780	2.469	130-135	1.006	1491	99.6,99.6
140	2.799	2.645	3.116	2.637	2.747	2.550	3.048	2.460	135-140	0.9966	1492	99.7,99.7
145	2.864	2.873	2.996	2.874	2.821	2.800	2.965	2.645	140-145	0.9364	1493	99.8,99.8
150	2.923	3.121	3.094	3.027	2.949	3.089	3.112	2.871	145-150	0.8680	1493	99.8,99.8
155	3.117	3.129	3.117	3.108	3.060	3.121	3.100	2.934	150-155	0.7745	1494	99.9,99.9
160	3.234	3.225	3.253	3.303	3.241	3.137	3.297	3.132	155-160	0.6580	1495	99.9,99.9
165	3.275	3.513	3.387	3.388	3.307	3.213	3.585	3.399	160-165	0.5448	1495	99.9,99.9
170	3.419	3.751	3.595	3.409	3.462	3.461	3.678	3.769	165-170	0.4085	1496	100,100
175	3.883	4.050	3.915	3.741	4.050	3.867	4.000	4.070	170-175	0.2653	1496	100,100
180	4.784	4.618	4.412	4.763	4.794	4.598	4.401	4.742	175-180	0.0997	1496	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 760.04 lm

%lum = 50.8%

%lamp = 50.8%

Conical surface Flux(120deg): 1123 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

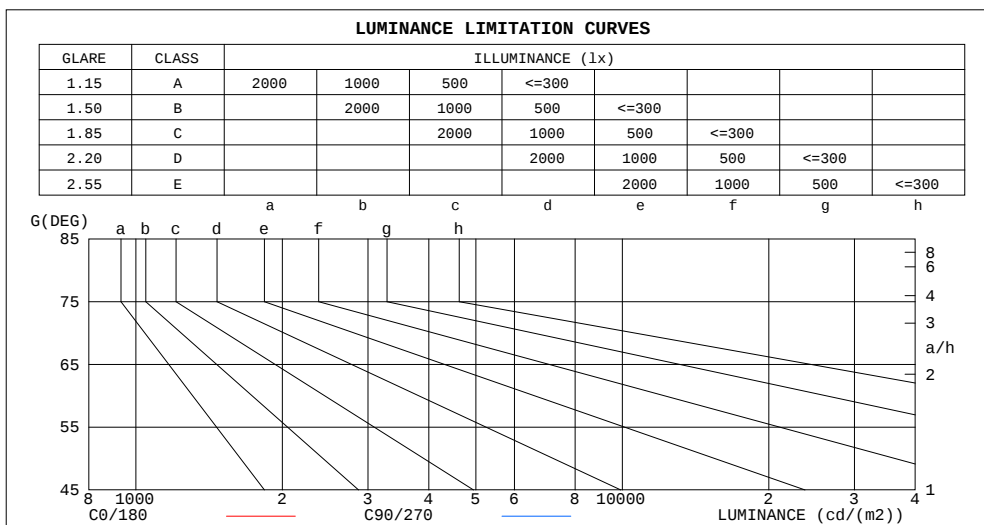
Checker: CHENXIAOFU

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:1400x1 lm		
NAME: BHD3S-TC-15W-3000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 3000K 1400lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	57085	56771
80	45906	45548
75	44832	43995
70	45266	44456
65	45836	45253
60	46544	46030
55	47165	46706
50	47592	47162
45	47964	47722

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

Checker: CHENXIAOFU

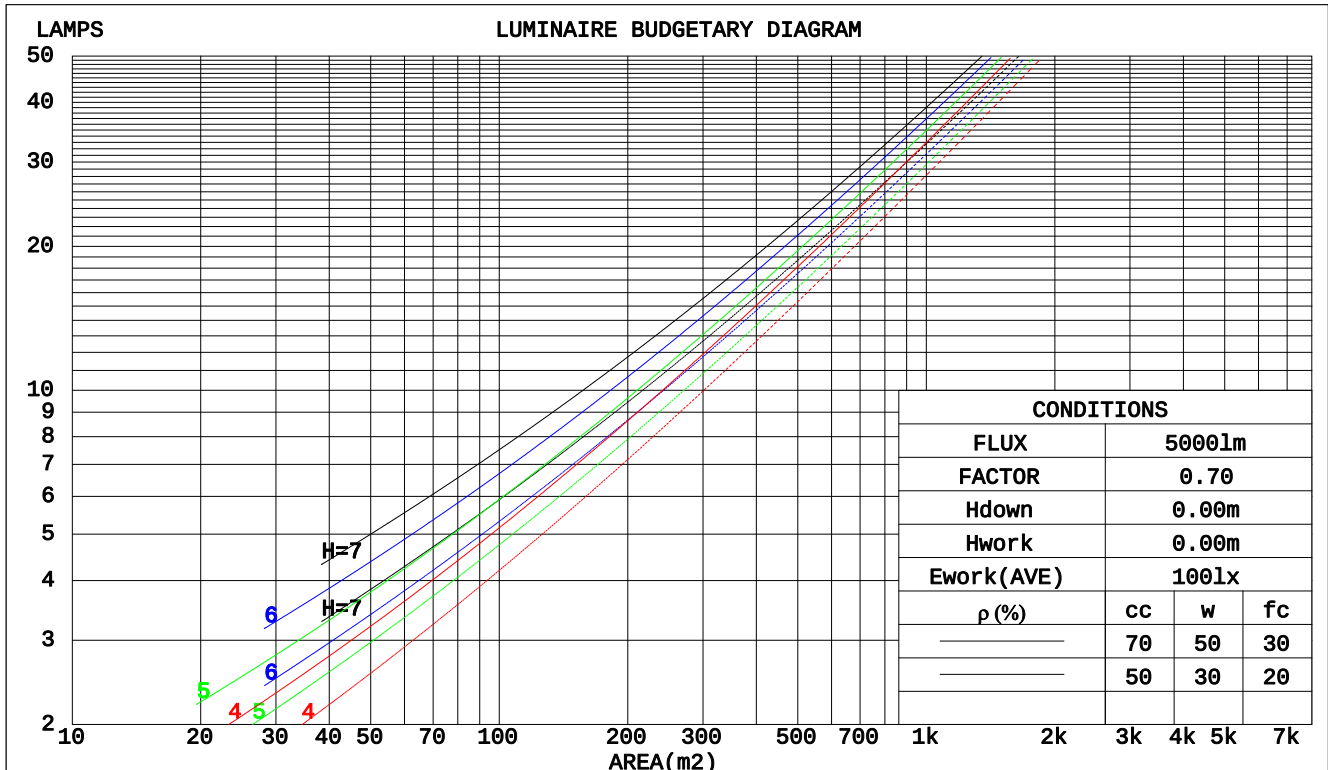
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

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:1400x1 lm		
NAME: BHD3S-TC-15W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 3000K 1400lm	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	.51	.45	.58	.50	.44	.56	.49	.44	.54	.48	.43	.41
6.0	.55	.46	.40	.54	.46	.39	.52	.44	.39	.50	.43	.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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1400x1 lm					
NAME: BHD3S-TC-15W-3000K			TYPE:LED		WEIGHT:
SPEC.:0028920256 15W 3000K 1400lm			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	.297	.163	.050	.284	.158	.049	.272	.153	.048	.262	.148	.047		
3.0	.278	.148	.044	.272	.145	.044	.260	.141	.043	.250	.137	.042	.240	.133	.041		
4.0	.255	.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	.205	.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	.188	.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:1400x1 lm										
NAME: BHD3S-TC-15W-3000K					TYPE:LED			WEIGHT:		
SPEC.:0028920256 15W 3000K 1400lm					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	24.9	26.4	25.2	26.6	26.9	24.8	26.4	25.1	26.6	26.8
3H	26.6	28.0	26.9	28.2	28.5	26.5	27.9	26.8	28.2	28.4
4H	27.3	28.6	27.6	28.9	29.2	27.2	28.6	27.6	28.9	29.2
6H	27.9	29.2	28.3	29.5	29.8	27.9	29.1	28.2	29.4	29.8
8H	28.2	29.4	28.6	29.7	30.1	28.1	29.4	28.5	29.7	30.0
12H	28.5	29.7	28.8	30.0	30.3	28.4	29.6	28.8	29.9	30.3
4H 2H	25.5	26.9	25.9	27.2	27.4	25.5	26.8	25.8	27.1	27.4
3H	27.4	28.6	27.8	28.9	29.3	27.4	28.6	27.7	28.9	29.2
4H	28.3	29.4	28.7	29.7	30.1	28.2	29.3	28.6	29.7	30.1
6H	29.1	30.1	29.5	30.4	30.8	29.0	30.0	29.5	30.4	30.8
8H	29.4	30.3	29.9	30.7	31.2	29.4	30.3	29.8	30.7	31.1
12H	29.8	30.6	30.2	31.0	31.5	29.7	30.6	30.2	31.0	31.4
8H 4H	28.7	29.6	29.1	30.0	30.4	28.6	29.5	29.0	29.9	30.3
6H	29.7	30.4	30.1	30.8	31.3	29.6	30.4	30.1	30.8	31.3
8H	30.1	30.8	30.6	31.3	31.7	30.1	30.8	30.6	31.2	31.7
12H	30.6	31.2	31.1	31.7	32.2	30.6	31.2	31.1	31.7	32.2
12H 4H	28.7	29.5	29.1	29.9	30.4	28.7	29.5	29.1	29.9	30.3
6H	29.8	30.4	30.3	30.9	31.4	29.7	30.4	30.2	30.9	31.3
8H	30.3	30.9	30.8	31.4	31.9	30.3	30.9	30.8	31.3	31.9
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, 1496 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 1.4$)

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

UTILIZATION FACTORS TABLE

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1400x1 lm		
NAME: BHD3S-TC-15W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 3000K 1400lm	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

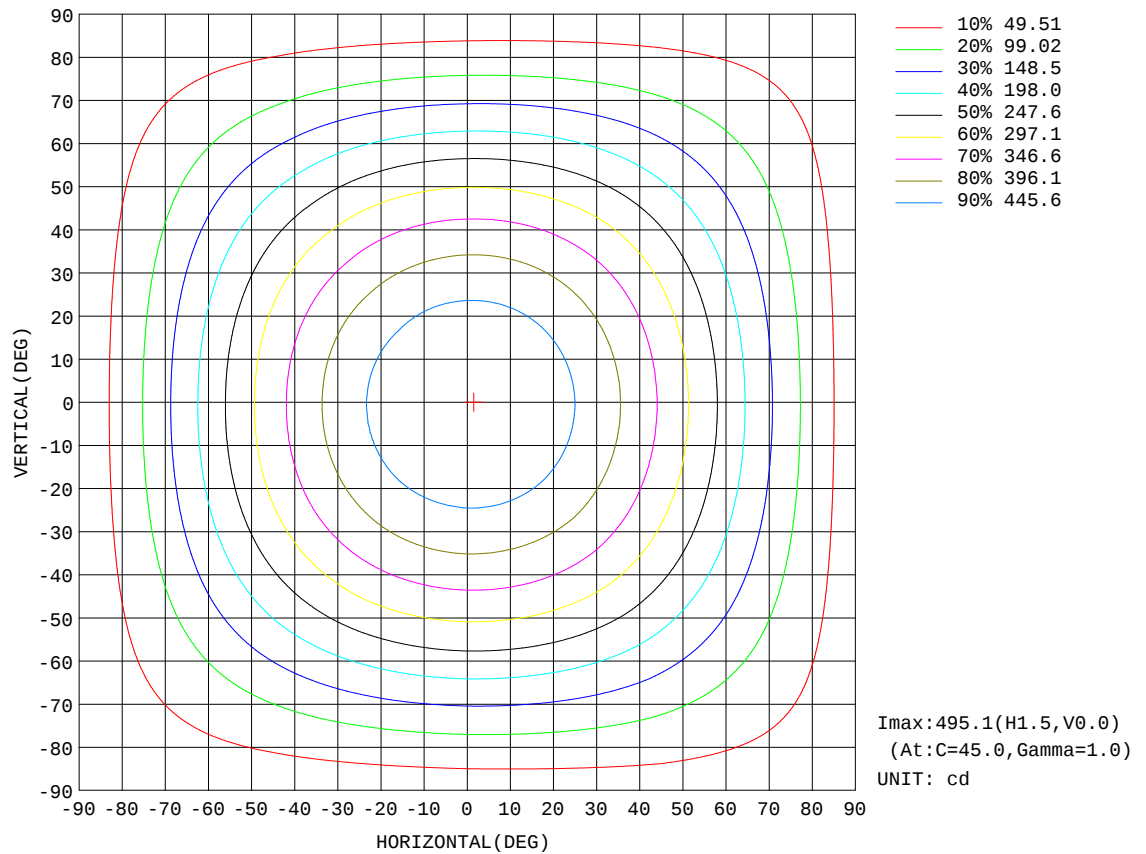
Checker: CHENXIAOFU

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:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1400x1 lm		
NAME: BHD3S-TC-15W-3000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 3000K 1400lm	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

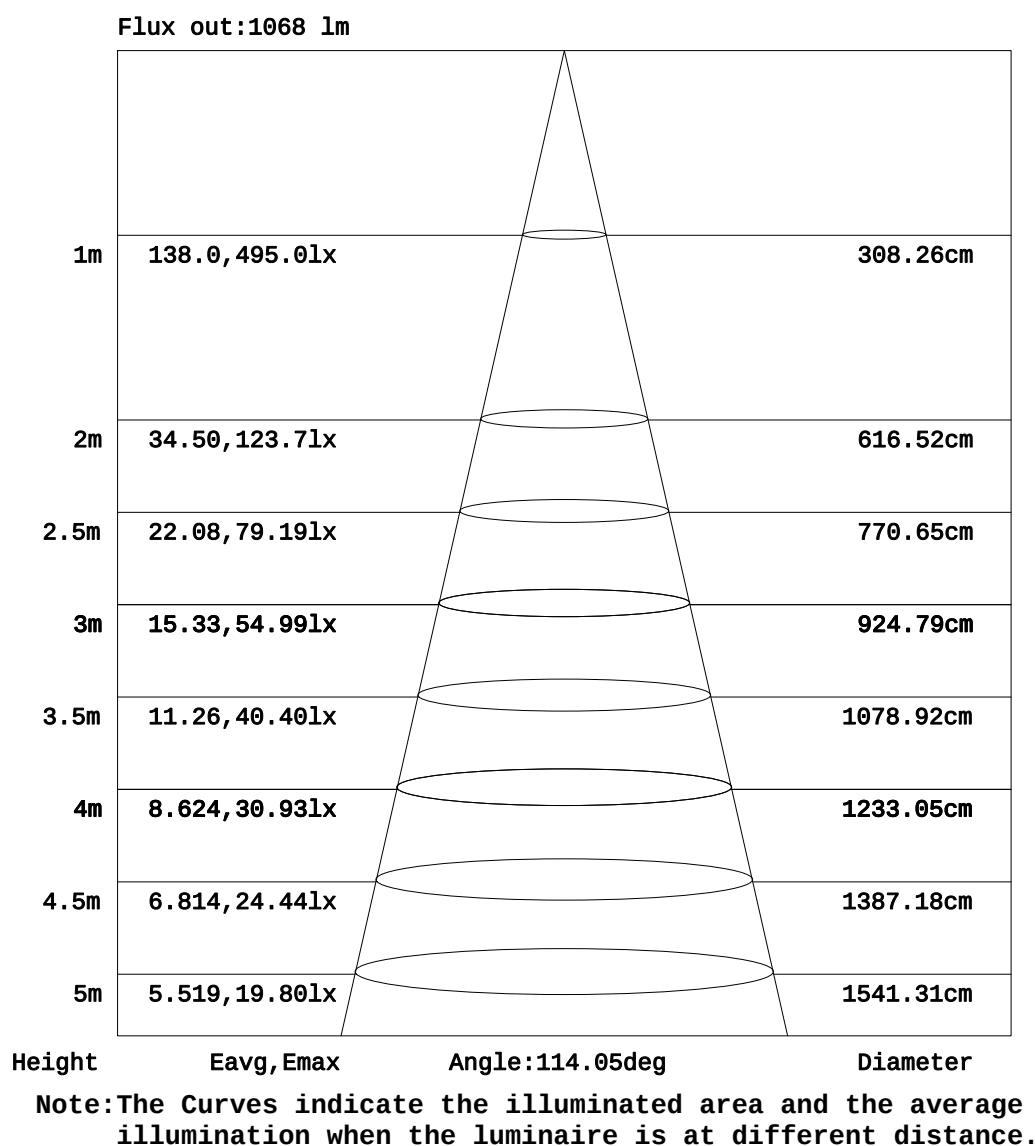
Checker: CHENXIAOFU

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:1400x1 lm		
NAME: BHD3S-TC-15W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 3000K 1400lm	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

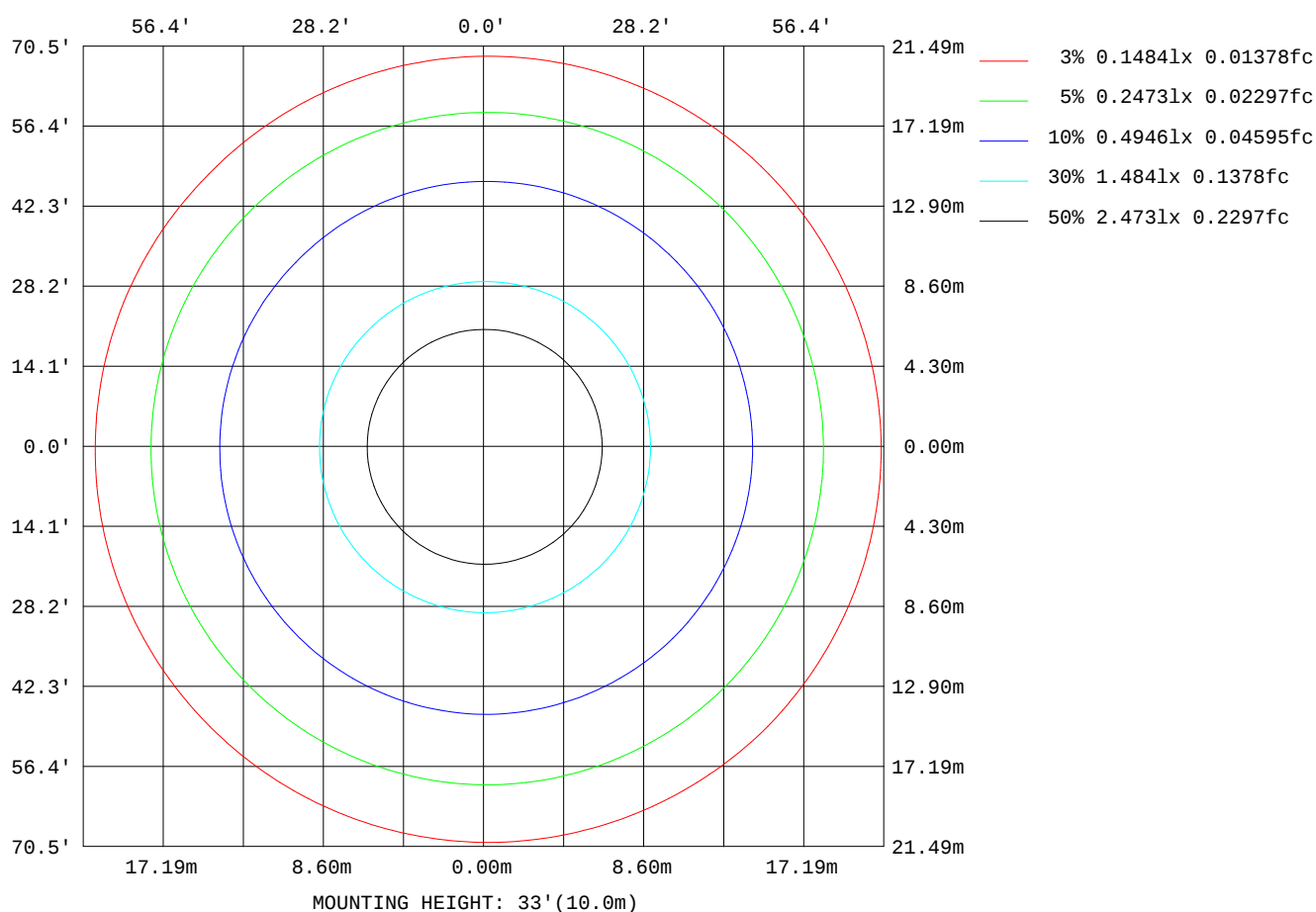
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

ISOLUX DIAGRAM

Test:U:220-240V I:0.07A P:15W PF:0.9 Freq:50.00Hz Lamp Flux:1400x1 lm		
NAME: BHD3S-TC-15W-3000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 3000K 1400lm	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:1400x1 lm		
NAME: BHD3S-TC-15W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 15W 3000K 1400lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	44026
L_0~180(75)av	41931
L_0~180(85)av	51240
L_90~270(65)av	44056
L_90~270(75)av	42213
L_90~270(85)av	53315
L_45(65)av	44011
L_45(75)av	42024
L_45(85)av	52343

Standard: GB/T 29293-2012

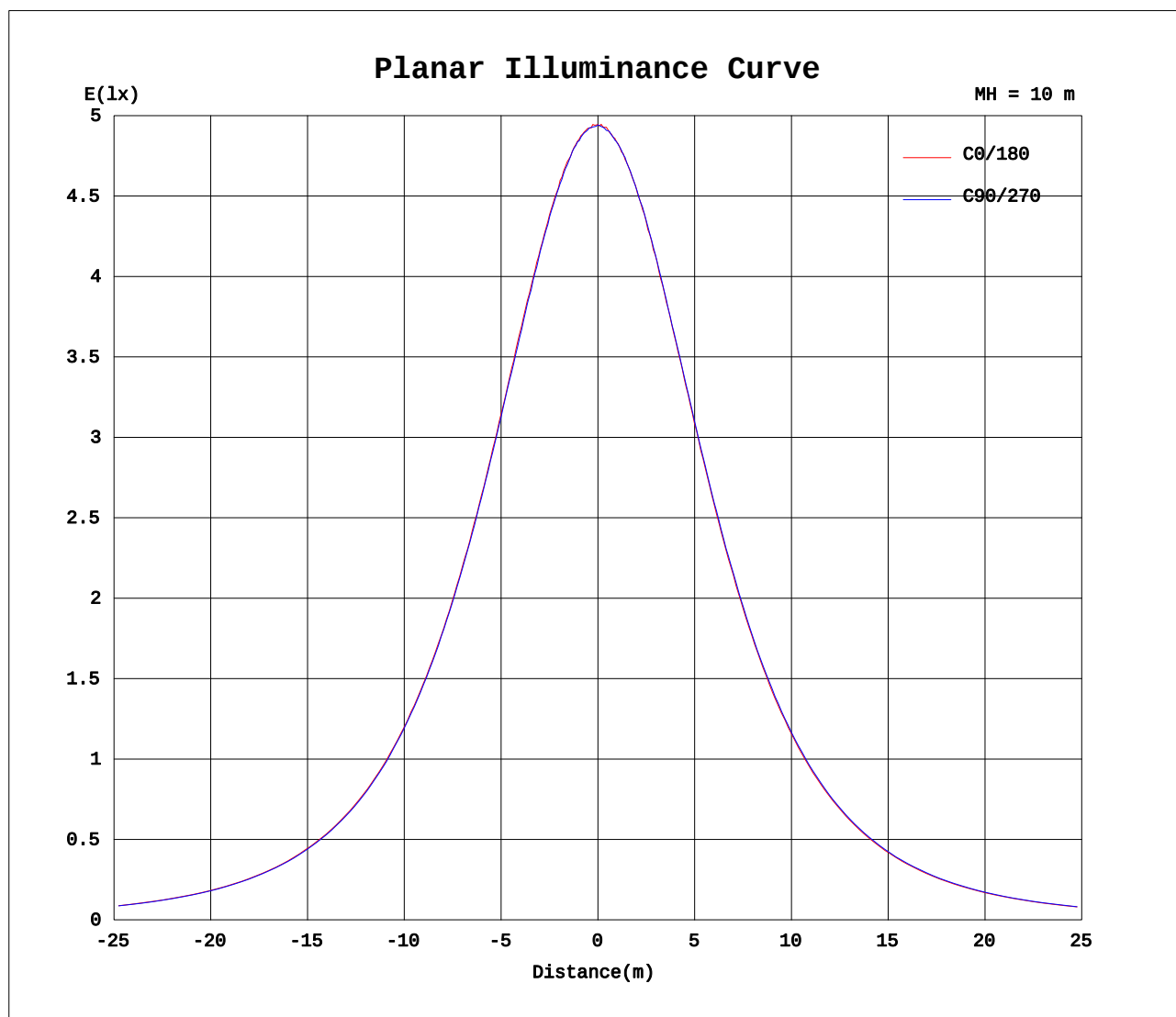
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

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:1400x1 lm		
NAME: BHD3S-TC-15W-3000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 15W 3000K 1400lm	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	495	493	494	494	495	493	494	494										
5	493	493	492	491	492	491	490	492										
10	488	487	486	484	484	482	484	485										
15	477	477	476	473	473	472	474	474										
20	464	463	462	459	458	457	457	461										
25	446	446	444	440	439	438	440	442										
30	424	425	422	418	415	414	417	422										
35	399	400	397	392	390	387	392	395										
40	371	372	368	363	359	358	362	368										
45	339	341	337	332	327	325	330	336										
50	306	308	303	297	293	291	296	301										
55	271	272	268	261	256	253	259	265										
60	233	234	230	223	217	215	220	227										
65	194	196	191	184	178	176	181	188										
70	155	157	152	144	139	137	142	149										
75	116	119	114	106	101	99.1	105	111										
80	79.7	83.2	79.1	72.0	66.9	66.5	70.9	75.9										
85	49.8	52.8	49.5	43.4	39.6	39.5	43.5	46.7										
90	26.8	29.2	27.1	22.5	19.5	19.8	22.9	24.8										
95	11.7	8.62	11.1	6.12	7.15	6.08	9.90	8.08										
100	3.49	1.55	1.15	1.17	1.48	1.13	1.19	1.18										
105	1.28	1.31	1.26	1.37	1.31	1.25	1.35	1.19										
110	1.44	1.54	1.50	1.65	1.52	1.46	1.56	1.42										
115	1.79	1.80	1.82	1.88	1.83	1.82	1.78	1.67										
120	1.97	2.06	2.05	2.10	1.97	1.92	2.02	1.83										
125	2.11	2.39	2.44	2.15	2.08	2.00	2.22	1.97										
130	2.26	2.61	2.57	2.36	2.25	2.16	2.54	2.25										
135	2.60	2.61	2.85	2.50	2.61	2.46	2.78	2.47										
140	2.80	2.65	3.12	2.64	2.75	2.55	3.05	2.46										
145	2.86	2.87	3.00	2.87	2.82	2.80	2.97	2.64										
150	2.92	3.12	3.09	3.03	2.95	3.09	3.11	2.87										
155	3.12	3.13	3.12	3.11	3.06	3.12	3.10	2.93										
160	3.23	3.22	3.25	3.30	3.24	3.14	3.30	3.13										
165	3.27	3.51	3.39	3.39	3.31	3.21	3.59	3.40										
170	3.42	3.75	3.60	3.41	3.46	3.46	3.68	3.77										
175	3.88	4.05	3.91	3.74	4.05	3.87	4.00	4.07										
180	4.78	4.62	4.41	4.76	4.79	4.60	4.40	4.74										

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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Checker: CHENXIAOFU

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