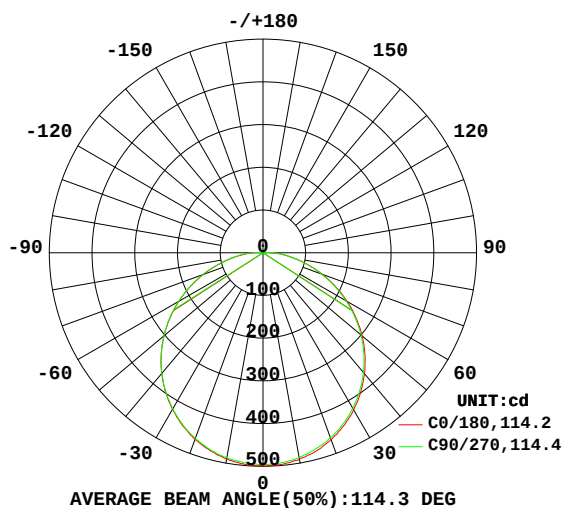


LUMINAIRE PHOTOMETRIC TEST REPORT

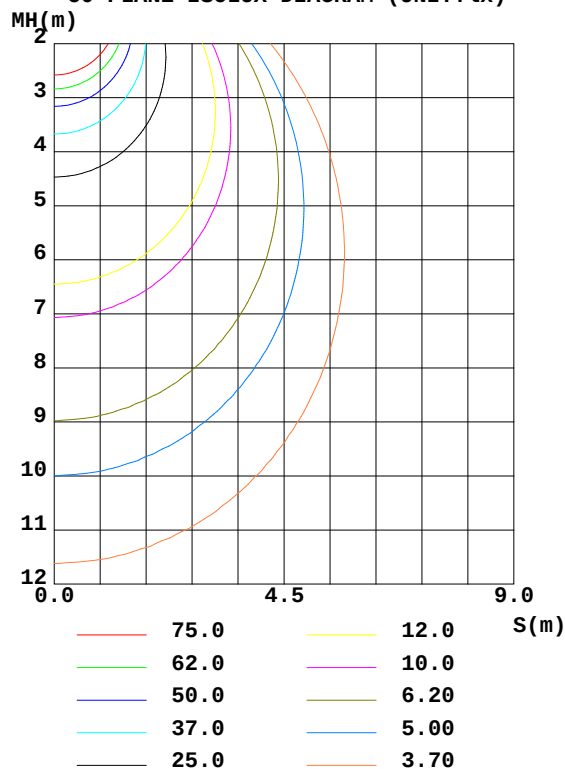
Test:U:220-240V I:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 6500K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93.75 lm/W			
MODEL		Imax(cd)	450	S/MH(C0/180)	1.26
NOMINAL POWER(W)	16W	LOR(%)	100.0	S/MH(C90/270)	1.27
RATED VOLTAGE(V)	220-240	TOTAL FLUX(lm)	15000	η UP, DN(C0-180)	0.8, 49.1
NOMINAL FLUX(lm)	1500	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.7, 49.4
LAMPS INSIDE	1	η up(%)	1.5	CIBSE SHR NOM	1.25
TEST VOLTAGE(V)		η down(%)	98.5	CIBSE SHR MAX	1.35

LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



C0 PLANE ISOLUX DIAGRAM (UNIT:lx)



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	497.5	494.5	493.4	493.3	497.1	494.1	493.7	492.9	0- 5	11.84	11.84	0.79,0.79
10	490.4	488.5	486.5	485.1	490.2	488.1	487.5	485.1	5- 10	35.13	46.97	3.12,3.12
15	480.5	478.3	475.7	474.2	479.3	477.3	477.1	475.6	10- 15	57.24	104.2	6.92,6.92
20	465.8	463.3	461.0	459.9	465.2	461.9	462.8	461.9	15- 20	77.47	181.7	12.1,12.1
25	446.9	446.1	442.8	440.3	445.9	443.6	444.0	443.5	20- 25	95.11	276.8	18.4,18.4
30	424.5	422.9	420.6	419.5	423.7	421.5	422.1	420.4	25- 30	109.6	386.4	25.7,25.7
35	398.9	397.7	394.8	393.1	397.7	395.6	396.8	395.4	30- 35	120.5	506.8	33.7,33.7
40	369.4	367.9	365.5	364.5	368.7	367.1	368.5	367.5	35- 40	127.4	634.2	42.1,42.1
45	337.5	336.5	333.9	332.9	336.9	335.6	337.0	335.0	40- 45	130.2	764.4	50.8,50.8
50	302.9	301.9	299.5	298.8	302.5	301.2	302.8	301.8	45- 50	128.7	893.1	59.3,59.3
55	266.1	264.8	262.9	262.3	265.5	265.3	266.3	264.6	50- 55	123.1	1016	67.5,67.5
60	227.2	226.7	224.2	223.9	227.2	226.9	228.4	226.9	55- 60	113.5	1130	75,75
65	188.0	186.6	185.1	185.2	188.1	188.1	189.3	187.9	60- 65	100.5	1230	81.7,81.7
70	147.9	147.2	145.9	146.5	148.5	148.4	150.0	148.5	65- 70	84.78	1315	87.4,87.4
75	109.2	108.9	108.1	108.5	109.8	109.5	111.6	110.5	70- 75	67.14	1382	91.8,91.8
80	73.54	74.32	74.22	74.41	74.59	74.66	76.79	75.69	75- 80	49.04	1431	95.1,95.1
85	44.83	45.55	45.78	45.79	45.37	45.61	47.77	46.94	80- 85	32.49	1464	97.2,97.2
90	23.66	24.14	24.55	24.01	23.32	23.58	25.91	25.20	85- 90	18.89	1483	98.5,98.5
95	10.15	7.063	10.03	5.822	9.232	5.919	11.25	7.318	90- 95	8.887	1492	99.1,99.1
100	3.071	1.371	1.209	1.199	2.147	1.128	1.136	1.242	95-100	1.975	1493	99.2,99.2
105	1.389	1.426	1.342	1.395	1.334	1.259	1.324	1.207	100-105	0.7137	1494	99.3,99.3
110	1.507	1.635	1.601	1.664	1.531	1.415	1.553	1.456	105-110	0.7516	1495	99.3,99.3
115	1.776	1.881	1.879	1.922	1.715	1.632	1.799	1.719	110-115	0.8471	1496	99.4,99.4
120	1.931	2.078	2.169	2.149	1.953	1.801	1.985	2.004	115-120	0.9239	1497	99.4,99.4
125	2.134	2.315	2.479	2.347	2.118	1.932	2.224	2.132	120-125	0.9795	1498	99.5,99.5
130	2.469	2.614	2.655	2.428	2.295	2.149	2.574	2.251	125-130	1.006	1499	99.6,99.6
135	2.583	2.831	3.036	2.532	2.522	2.347	2.873	2.489	130-135	1.027	1500	99.6,99.6
140	2.840	2.795	3.061	2.718	2.862	2.459	3.027	2.547	135-140	1.012	1501	99.7,99.7
145	3.130	2.925	3.085	2.965	2.893	2.655	3.027	2.748	140-145	0.9532	1502	99.8,99.8
150	3.102	3.256	3.130	3.163	2.976	2.924	3.101	3.110	145-150	0.8857	1503	99.8,99.8
155	3.109	3.213	3.185	3.172	3.142	3.120	3.140	3.079	150-155	0.7882	1503	99.9,99.9
160	3.260	3.349	3.295	3.296	3.296	3.120	3.256	3.264	155-160	0.6702	1504	99.9,99.9
165	3.326	3.679	3.730	3.399	3.399	3.248	3.690	3.574	160-165	0.5577	1505	99.9,99.9
170	3.491	4.061	3.788	3.585	3.545	3.337	3.905	3.904	165-170	0.4243	1505	100,100
175	4.120	4.671	4.193	3.947	3.865	3.758	4.019	4.257	170-175	0.2747	1505	100,100
180	4.908	4.928	4.939	4.846	4.918	4.928	4.939	4.815	175-180	0.1046	1505	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT: lm		

Conical surface Flux(90deg): 764.42 lm

%lum = 50.8%

%lamp = 50.8%

Conical surface Flux(120deg): 1129.7 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

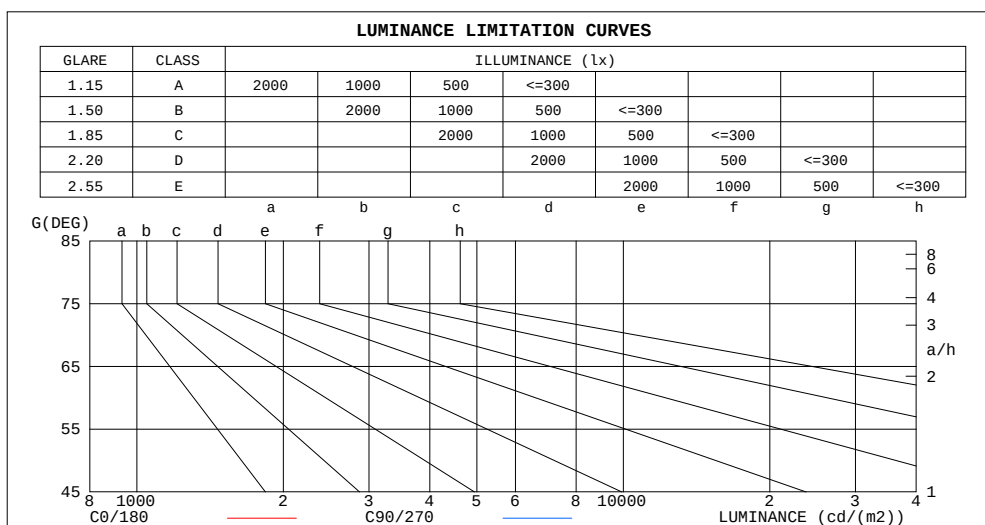
Checker: CHENXIAOFU

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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920257 16W 6500K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	51434	52523
80	42352	42743
75	42197	41760
70	43231	42662
65	44475	43802
60	45438	44839
55	46393	45831
50	47130	46588
45	47734	47222

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

Checker: CHENXIAOFU

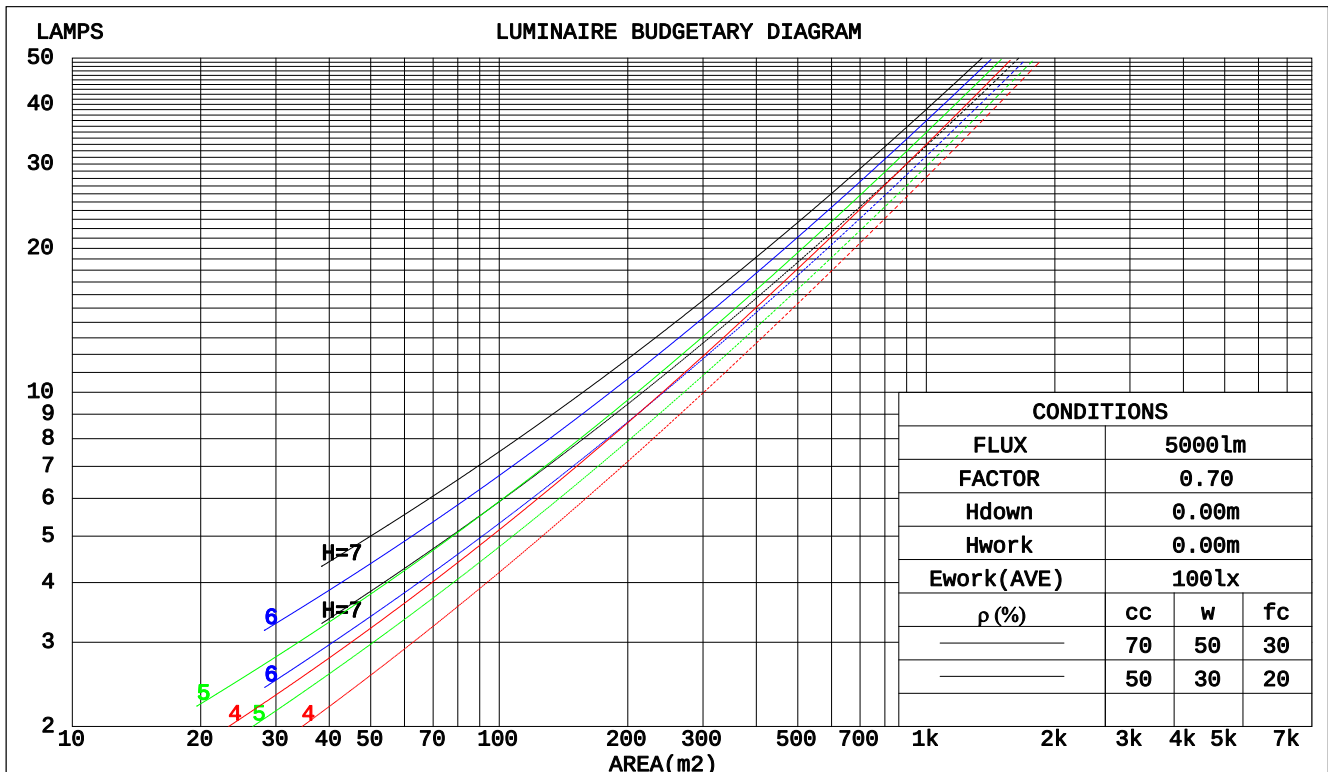
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

Assessor: Ju Hongli

CU AND LUMINAIRE BUDGETARY ESTIMATE DIAGRAM

Test:U:220-240V I:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 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	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	1.02	.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	.39	.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	.27	.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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 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	.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	.241	.133	.041		
4.0	.255	.132	.039	.249	.130	.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	.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	.176	.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	.140	.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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 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	24.7	26.2	25.0	26.4	26.7	24.6	26.1	24.9	26.4	26.6
3H	26.3	27.7	26.6	28.0	28.2	26.2	27.6	26.6	27.9	28.2
4H	27.0	28.3	27.3	28.6	28.9	26.9	28.3	27.3	28.6	28.8
6H	27.6	28.8	27.9	29.1	29.5	27.5	28.8	27.9	29.1	29.4
8H	27.8	29.0	28.2	29.4	29.7	27.8	29.0	28.2	29.3	29.7
12H	28.1	29.2	28.4	29.6	29.9	28.0	29.2	28.4	29.5	29.9
4H 2H	25.3	26.6	25.6	26.9	27.2	25.3	26.6	25.6	26.9	27.2
3H	27.1	28.3	27.5	28.6	29.0	27.1	28.2	27.4	28.6	28.9
4H	27.9	29.0	28.3	29.4	29.8	27.9	29.0	28.3	29.3	29.7
6H	28.7	29.6	29.1	30.0	30.4	28.6	29.6	29.1	30.0	30.4
8H	29.0	29.9	29.4	30.3	30.7	29.0	29.9	29.4	30.3	30.7
12H	29.3	30.1	29.8	30.6	31.0	29.3	30.1	29.8	30.6	31.0
8H 4H	28.3	29.2	28.7	29.6	30.0	28.2	29.1	28.7	29.5	29.9
6H	29.2	29.9	29.7	30.4	30.8	29.2	29.9	29.6	30.4	30.8
8H	29.6	30.3	30.1	30.8	31.3	29.6	30.3	30.1	30.8	31.2
12H	30.1	30.7	30.6	31.2	31.7	30.1	30.7	30.6	31.2	31.7
12H 4H	28.3	29.1	28.8	29.5	30.0	28.3	29.1	28.7	29.5	29.9
6H	29.3	30.0	29.8	30.4	30.9	29.3	29.9	29.8	30.4	30.9
8H	29.8	30.4	30.3	30.9	31.4	29.8	30.4	30.3	30.9	31.4
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, 1505 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
 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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 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	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

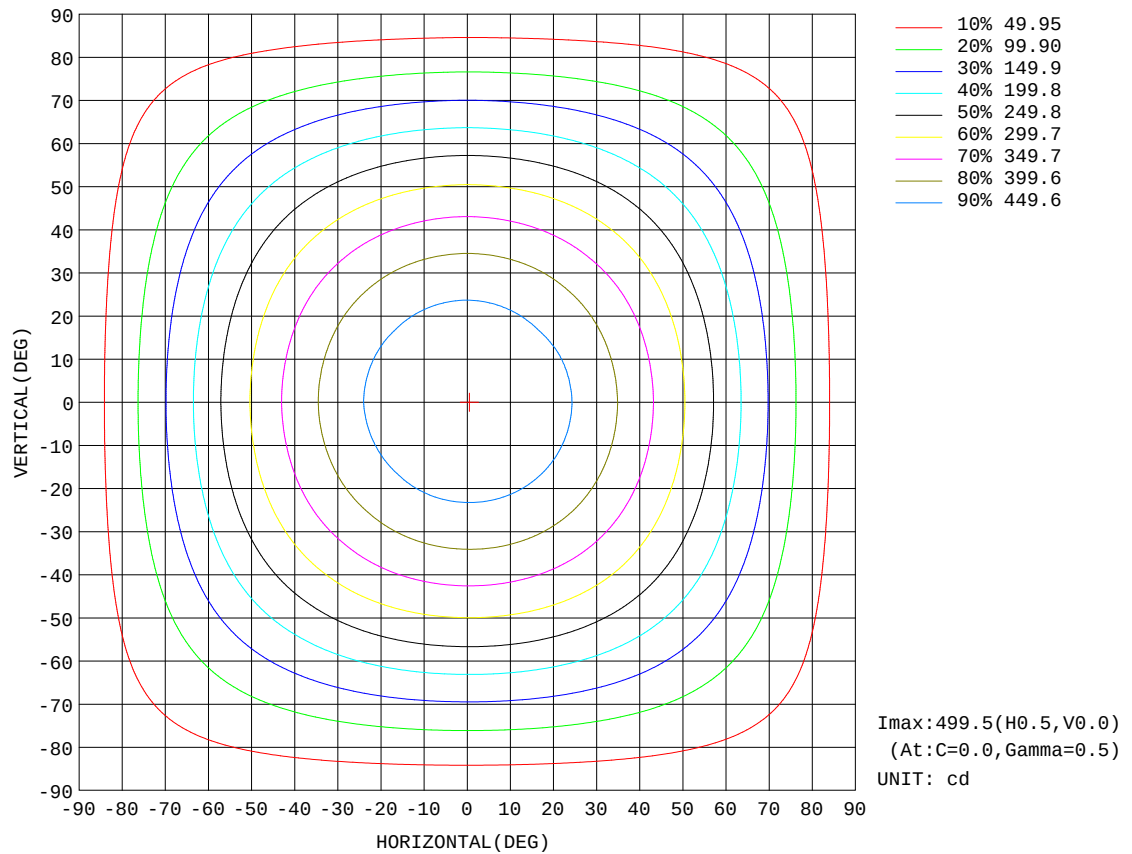
Checker: CHENXIAOFU

γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 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

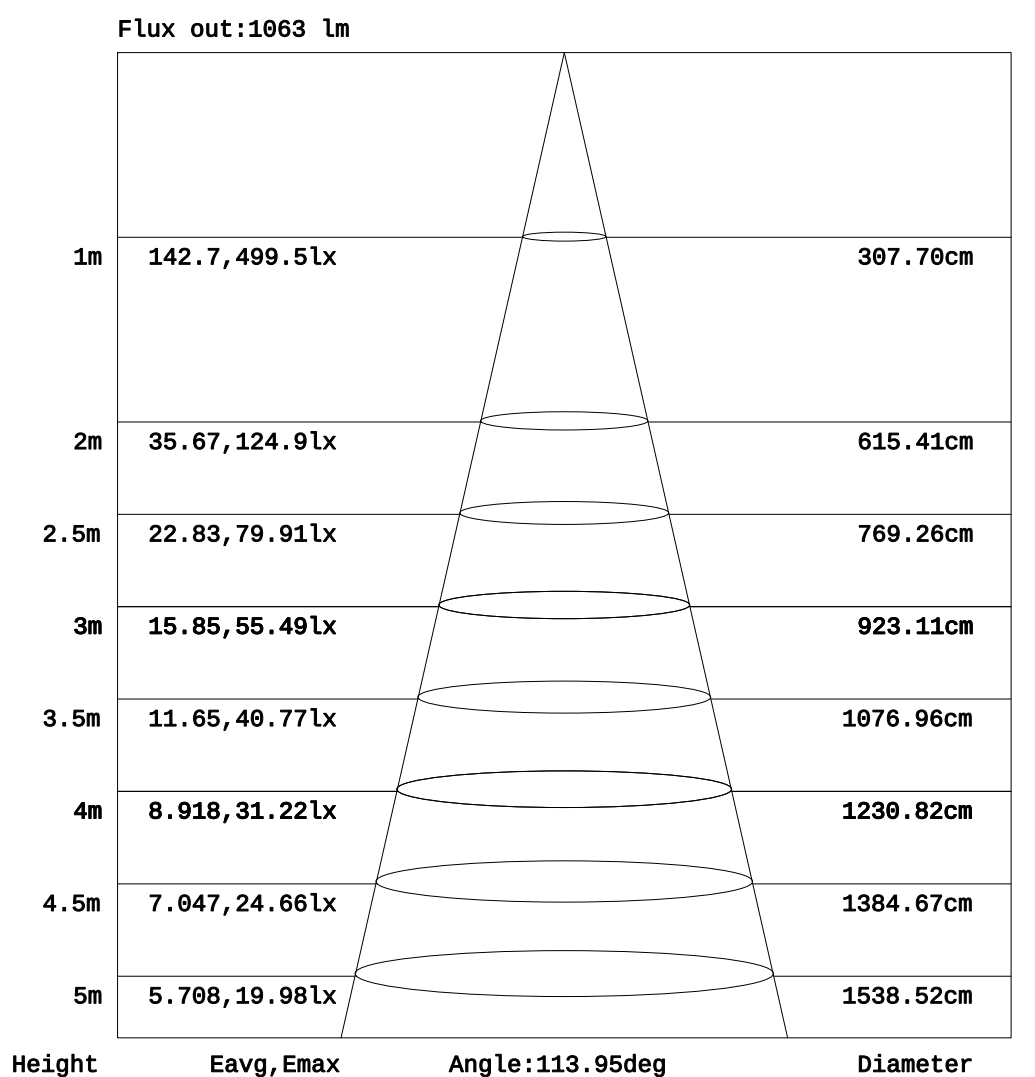
Checker: CHENXIAOFU

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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 6500K 1500lm	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

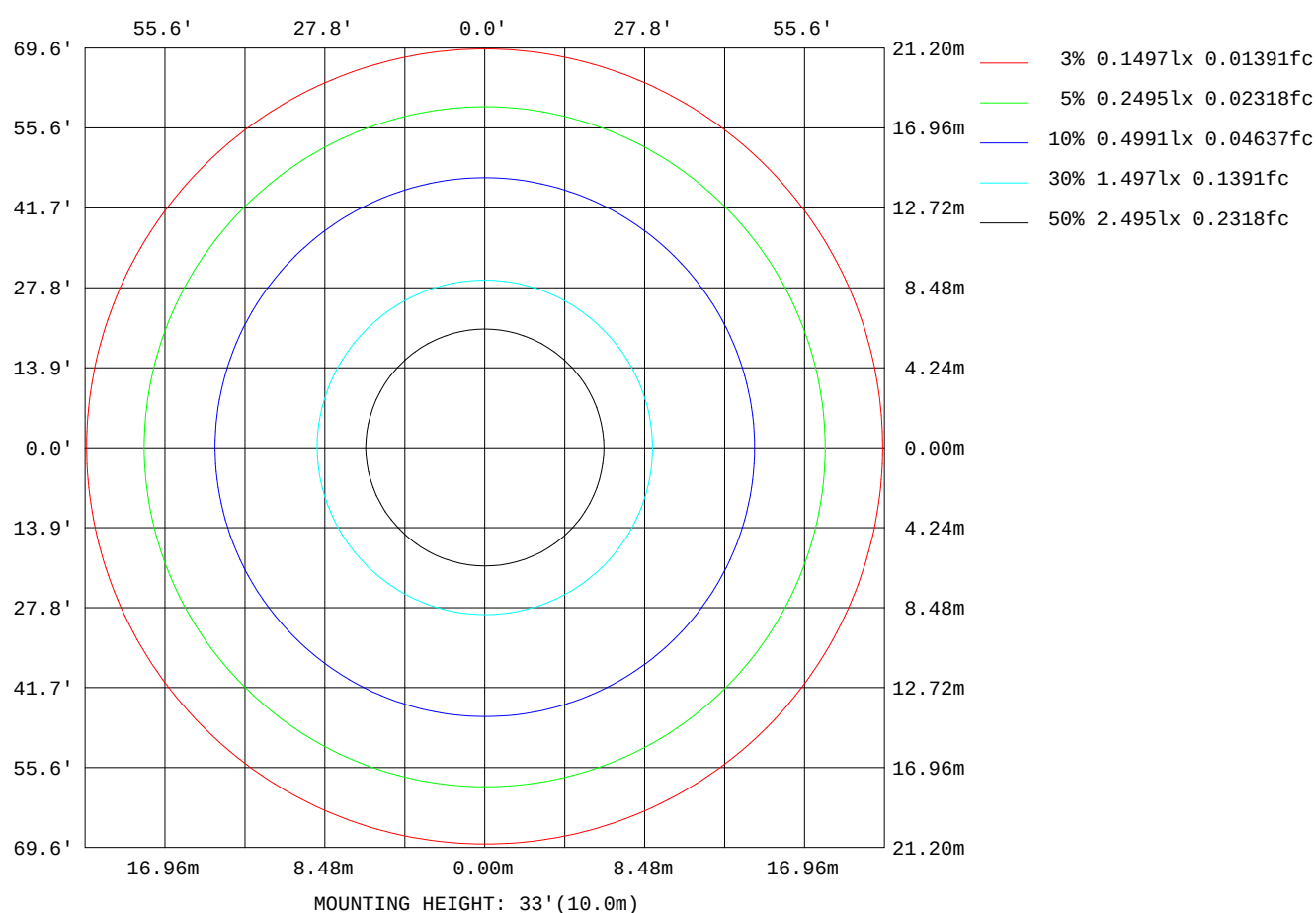
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

ISOLUX DIAGRAM

Test:U:220-240V I:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-6500K	TYPE: LED	WEIGHT:
SPEC.:0028920257 16W 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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 6500K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	44491
L_0~180(75)av	42303
L_0~180(85)av	51747
L_90~270(65)av	44292
L_90~270(75)av	42436
L_90~270(85)av	53667
L_45(65)av	44239
L_45(75)av	42251
L_45(85)av	52745

Standard: GB/T 29293-2012

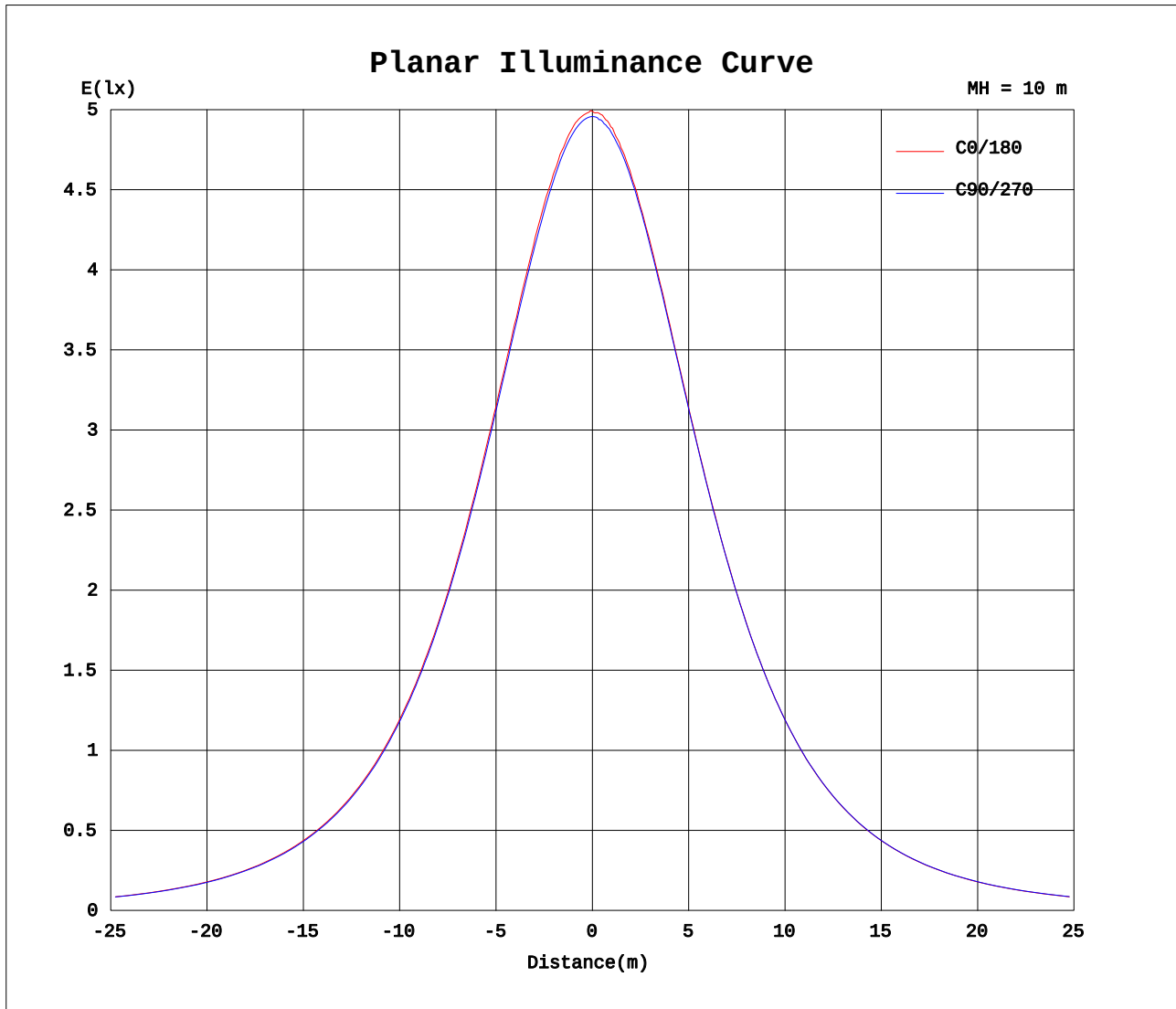
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

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:0.085A P:16W PF:0.75 Freq:50.00Hz Lamp Flux:1500x1 lm		
NAME: BHD3S-TC-S-16W-6500K	TYPE:LED	WEIGHT:
SPEC.:0028920257 16W 6500K 1500lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

Table--1

UNIT: cd

C(DEC)	0	45	90	135	180	225	270	315										
γ (DEC)	0	499	497	496	494	499	497	496	494									
5	497	497	495	493	493	497	494	494	493									
10	490	488	488	486	485	490	488	487	485									
15	481	478	478	476	474	479	477	477	476									
20	466	463	463	461	460	465	462	463	462									
25	447	446	446	443	440	446	444	444	444									
30	425	423	423	421	419	424	421	422	420									
35	399	398	398	395	393	398	396	397	395									
40	369	368	368	366	365	369	367	368	367									
45	338	337	337	334	333	337	336	337	335									
50	303	302	302	299	299	302	301	303	302									
55	266	265	265	263	262	265	265	266	265									
60	227	227	227	224	224	227	227	228	227									
65	188	187	187	185	185	188	188	189	188									
70	148	147	147	146	146	149	148	150	149									
75	109	109	109	108	109	110	110	112	111									
80	73.5	74.3	74.3	74.2	74.4	74.6	74.7	76.8	75.7									
85	44.8	45.6	45.6	45.8	45.8	45.4	45.6	47.8	46.9									
90	23.7	24.1	24.1	24.5	24.0	23.3	23.6	25.9	25.2									
95	10.1	7.06	7.06	10.0	5.82	9.23	5.92	11.3	7.32									
100	3.07	1.37	1.37	1.21	1.20	2.15	1.13	1.14	1.24									
105	1.39	1.43	1.43	1.34	1.40	1.33	1.26	1.32	1.21									
110	1.51	1.64	1.64	1.60	1.66	1.53	1.41	1.55	1.46									
115	1.78	1.88	1.88	1.88	1.92	1.72	1.63	1.80	1.72									
120	1.93	2.08	2.08	2.17	2.15	1.95	1.80	1.99	2.00									
125	2.13	2.32	2.32	2.48	2.35	2.12	1.93	2.22	2.13									
130	2.47	2.61	2.61	2.66	2.43	2.30	2.15	2.57	2.25									
135	2.58	2.83	2.83	3.04	2.53	2.52	2.35	2.87	2.49									
140	2.84	2.79	2.79	3.06	2.72	2.86	2.46	3.03	2.55									
145	3.13	2.93	2.93	3.08	2.97	2.89	2.65	3.03	2.75									
150	3.10	3.26	3.26	3.13	3.16	2.98	2.92	3.10	3.11									
155	3.11	3.21	3.21	3.18	3.17	3.14	3.12	3.14	3.08									
160	3.26	3.35	3.35	3.30	3.30	3.30	3.12	3.26	3.26									
165	3.33	3.68	3.68	3.73	3.40	3.40	3.25	3.69	3.57									
170	3.49	4.06	4.06	3.79	3.59	3.54	3.34	3.91	3.90									
175	4.12	4.67	4.67	4.19	3.95	3.87	3.76	4.02	4.26									
180	4.91	4.93	4.93	4.94	4.85	4.92	4.93	4.94	4.81									

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