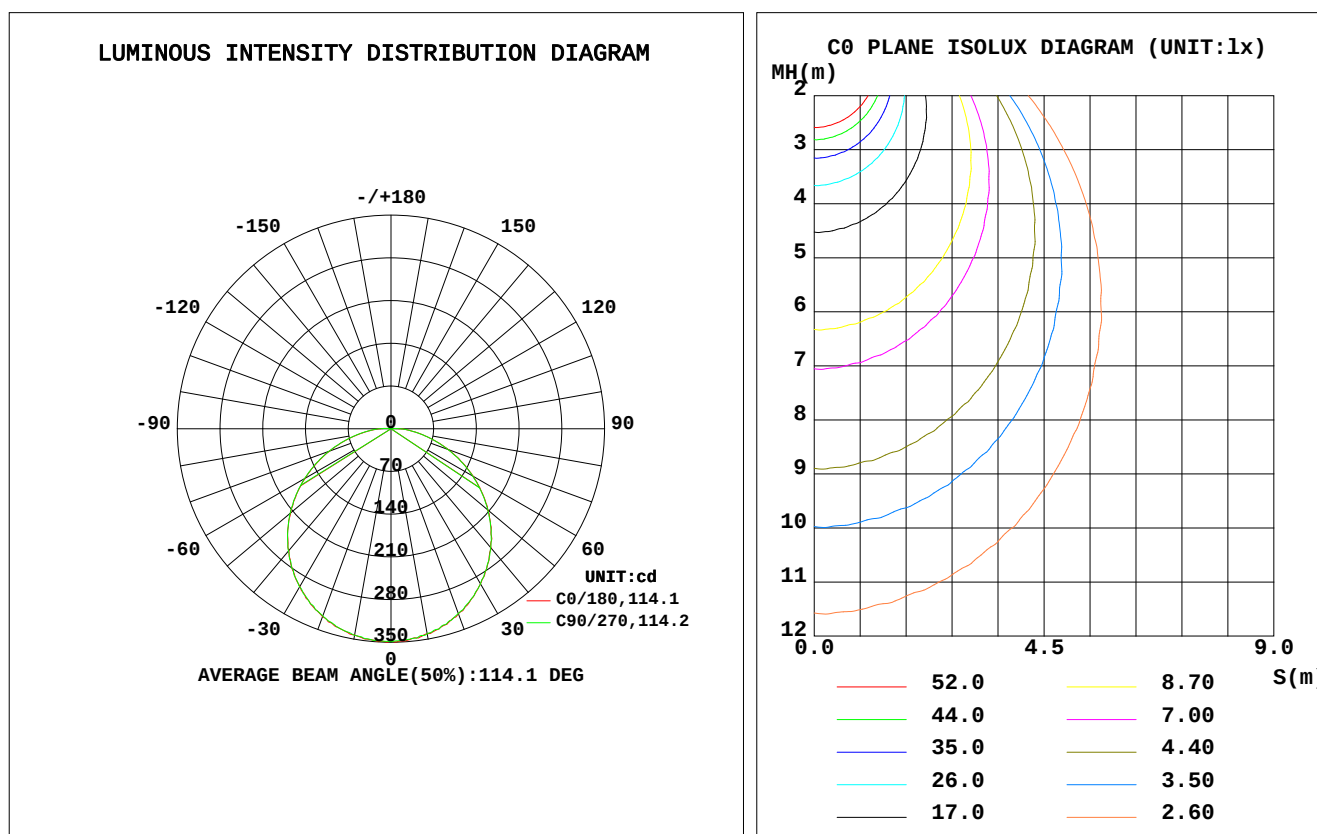


LUMINAIRE PHOTOMETRIC TEST REPORT

Test:U:220-240V I:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-10W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

DATA OF LAMP		PHOTOMETRIC DATA Eff: 93 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)	930	η UP, DN(C0-180)	0.7, 48.4
NOMINAL FLUX(lm)	930	CIE CLASS	DIRECT	η UP, DN(C180-360)	0.8, 50.1
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: 45.0DEG
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	347.1	345.9	346.1	346.1	347.5	347.9	347.8	347.7	0- 5	8.316	8.316	0.79,0.79
10	341.0	341.1	341.1	342.1	343.3	343.6	343.6	342.9	5- 10	24.66	32.98	3.12,3.12
15	333.6	334.0	332.9	335.2	337.1	336.9	336.8	334.7	10- 15	40.20	73.17	6.93,6.93
20	322.6	322.7	322.3	324.6	327.8	326.7	326.6	325.0	15- 20	54.38	127.6	12.1,12.1
25	309.5	308.7	309.1	310.4	314.5	314.8	315.1	311.3	20- 25	66.77	194.3	18.4,18.4
30	293.4	293.4	293.4	295.2	298.5	299.8	299.2	295.8	25- 30	76.90	271.2	25.7,25.7
35	275.0	274.4	274.4	277.3	282.0	282.1	281.0	277.5	30- 35	84.53	355.8	33.7,33.7
40	254.7	254.1	254.2	256.8	260.3	262.2	261.4	257.7	35- 40	89.38	445.1	42.2,42.2
45	232.4	231.1	231.7	234.9	239.7	240.4	239.4	235.5	40- 45	91.29	536.4	50.8,50.8
50	207.2	207.1	207.1	210.2	214.8	216.1	215.9	211.2	45- 50	90.26	626.7	59.4,59.4
55	182.0	181.1	181.3	184.1	189.6	191.1	190.1	185.7	50- 55	86.30	713.0	67.6,67.6
60	155.1	153.8	154.2	157.8	162.7	164.5	163.5	159.1	55- 60	79.62	792.6	75.1,75.1
65	127.2	126.2	126.6	130.5	135.3	136.9	136.3	132.2	60- 65	70.49	863.1	81.8,81.8
70	99.90	98.59	99.05	102.6	107.1	108.8	108.3	104.2	65- 70	59.45	922.5	87.4,87.4
75	73.19	72.11	72.74	76.06	79.93	81.35	81.04	77.33	70- 75	47.05	969.6	91.9,91.9
80	49.20	48.57	48.94	51.84	54.74	55.97	55.85	52.79	75- 80	34.29	1004	95.1,95.1
85	29.64	29.11	29.56	31.79	33.77	34.84	34.78	32.25	80- 85	22.65	1027	97.3,97.3
90	15.26	14.89	15.25	16.38	17.97	18.58	18.83	17.02	85- 90	13.10	1040	98.5,98.5
95	6.034	5.306	6.266	4.128	7.612	3.929	7.862	5.335	90- 95	6.138	1046	99.1,99.1
100	1.505	0.9241	0.8673	0.8166	1.608	0.7119	0.7446	0.8270	95-100	1.379	1047	99.2,99.2
105	0.9293	1.002	0.9283	0.9618	0.8889	0.7851	0.8890	0.8224	100-105	0.4694	1048	99.3,99.3
110	1.074	1.167	1.095	1.126	1.033	0.9298	1.075	0.9596	105-110	0.5100	1048	99.3,99.3
115	1.177	1.323	1.281	1.302	1.158	1.105	1.221	1.145	110-115	0.5758	1049	99.4,99.4
120	1.322	1.470	1.477	1.499	1.302	1.157	1.347	1.311	115-120	0.6306	1049	99.4,99.4
125	1.471	1.592	1.683	1.684	1.426	1.301	1.561	1.501	120-125	0.6760	1050	99.5,99.5
130	1.611	1.736	1.797	1.746	1.583	1.450	1.735	1.605	125-130	0.6937	1051	99.6,99.6
135	1.787	1.892	1.983	1.757	1.777	1.611	1.975	1.745	130-135	0.7013	1051	99.6,99.6
140	1.942	2.004	2.101	1.870	1.963	1.741	2.005	1.792	135-140	0.6952	1052	99.7,99.7
145	2.055	2.046	2.113	2.047	2.036	1.808	2.046	1.931	140-145	0.6543	1053	99.8,99.8
150	2.125	2.160	2.125	2.169	2.085	2.044	2.117	2.077	145-150	0.6085	1053	99.8,99.8
155	2.147	2.235	2.138	2.193	2.149	2.099	2.139	2.107	150-155	0.5393	1054	99.9,99.9
160	2.273	2.326	2.252	2.294	2.273	2.128	2.273	2.170	155-160	0.4587	1054	99.9,99.9
165	2.283	2.501	2.387	2.380	2.335	2.283	2.397	2.335	160-165	0.3802	1055	99.9,99.9
170	2.411	2.686	2.468	2.500	2.480	2.404	2.645	2.448	165-170	0.2875	1055	100,100
175	2.603	2.862	2.737	2.707	2.811	2.654	2.811	2.758	170-175	0.1850	1055	100,100
180	3.255	3.234	3.110	3.089	3.286	3.151	3.151	3.100	175-180	0.0694	1055	100,100
DEG	LUMINOUS INTENSITY:cd									UNIT:lm		

Conical surface Flux(90deg): 536.42 lm

%lum = 50.8%

%lamp = 50.8%

Conical surface Flux(120deg): 792.6 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

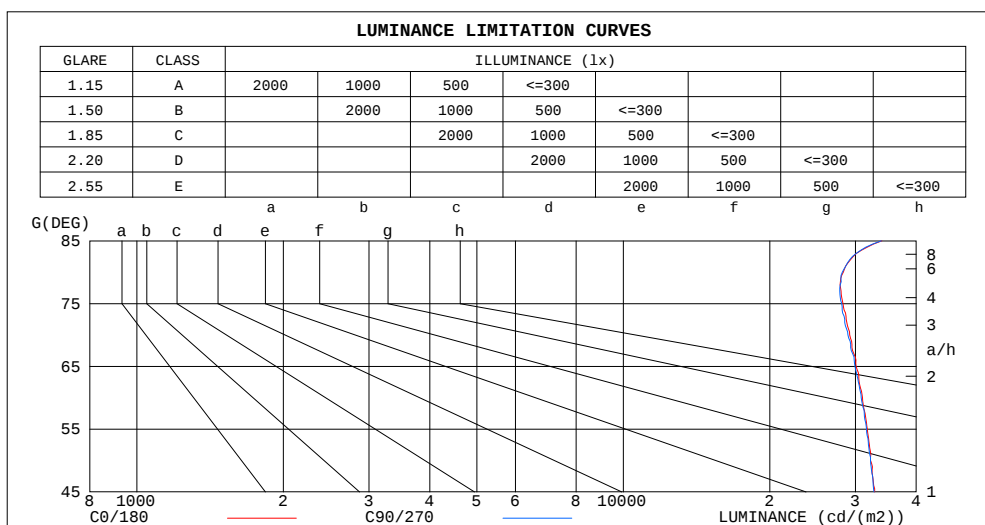
Checker: CHENXIAOFU

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:930x1 lm		
NAME: BHD3S-TC-10W-3000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:



LUMINANCE cd/(m2)		
G(DEG)	C0/180	C90/270
85	34006	33918
80	28332	28186
75	28278	28105
70	29208	28960
65	30100	29947
60	31018	30842
55	31733	31615
50	32229	32217
45	32862	32763

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

Checker: CHENXIAOFU

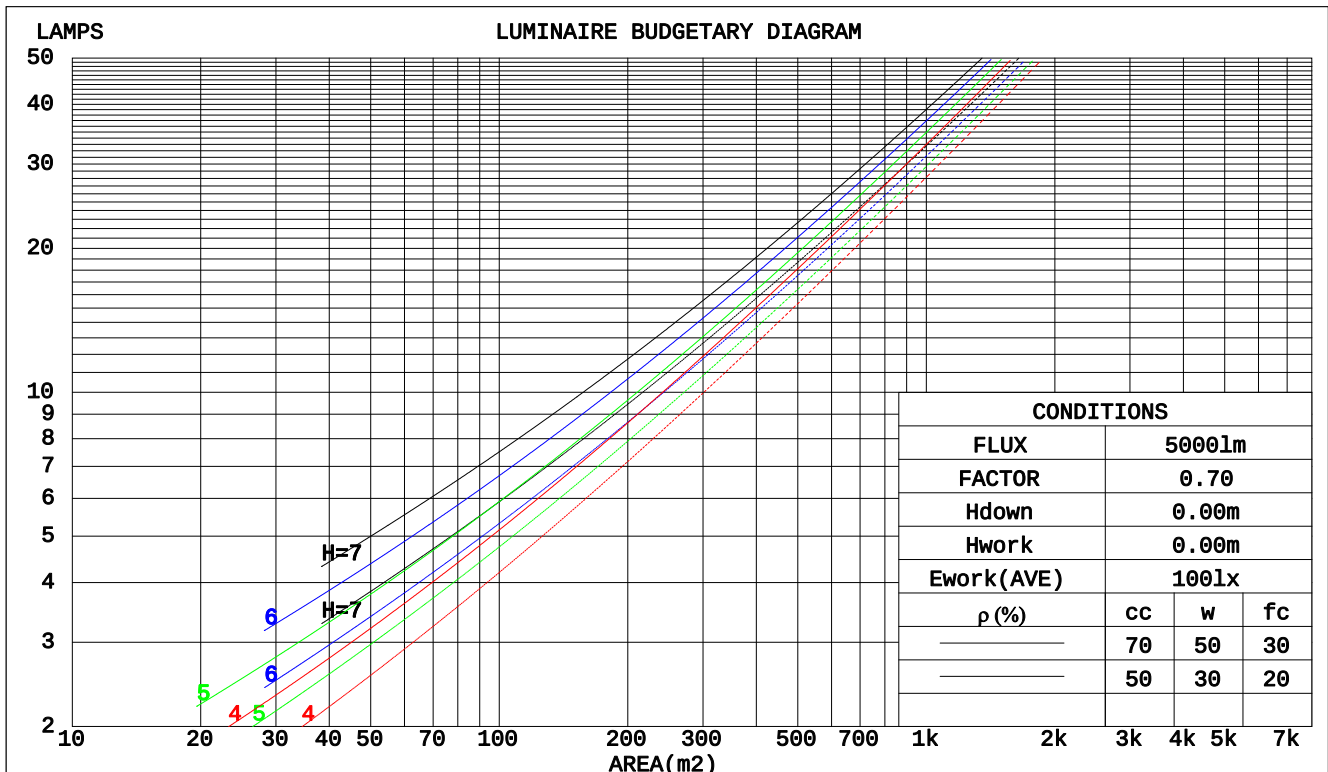
γ Range: 0 - 180DEG
 γ Interval: 0.5DEG
 Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
 Humidity:56%
 Test Distance:11.834m [K=1.0000]
 Remarks:

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:930x1 lm		
NAME: BHD3S-TC-10W-3000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 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	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	.99
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	.78	.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	.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	.33	.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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:930x1 lm					
NAME: BHD3S-TC-10W-3000K			TYPE:LED		WEIGHT:
SPEC.:0028920256 10W 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	.330	.187	.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	.172	.172	.172	.118	.118	.118	.068	.068	.068	.022	.022	.022	
1.0	.193	.167	.144	.165	.144	.124	.113	.099	.086	.065	.057	.050	.021	.018	.016	
2.0	.185	.143	.108	.159	.123	.093	.109	.085	.065	.063	.050	.038	.020	.016	.012	
3.0	.177	.126	.085	.152	.109	.073	.104	.075	.052	.060	.044	.030	.019	.014	.010	
4.0	.170	.113	.069	.146	.097	.060	.100	.068	.042	.058	.040	.025	.019	.013	.008	
5.0	.162	.102	.058	.139	.089	.051	.096	.062	.036	.056	.036	.021	.018	.012	.007	
6.0	.155	.094	.050	.133	.081	.044	.092	.057	.031	.053	.034	.018	.017	.011	.006	
7.0	.148	.087	.045	.127	.076	.039	.088	.053	.028	.051	.031	.016	.017	.010	.005	
8.0	.141	.081	.040	.122	.071	.035	.084	.050	.025	.049	.029	.015	.016	.010	.005	
9.0	.135	.076	.037	.117	.066	.032	.081	.047	.023	.047	.028	.014	.015	.009	.004	
10.0	.129	.072	.034	.112	.063	.030	.077	.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:930x1 lm										
NAME: BHD3S-TC-10W-3000K					TYPE:LED			WEIGHT:		
SPEC.:0028920256 10W 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	24.5	26.0	24.8	26.2	26.5	24.5	26.0	24.8	26.2	26.5
3H	26.1	27.5	26.4	27.8	28.0	26.1	27.5	26.4	27.7	28.0
4H	26.8	28.1	27.1	28.4	28.7	26.7	28.1	27.1	28.4	28.6
6H	27.3	28.6	27.7	28.9	29.2	27.3	28.6	27.6	28.9	29.2
8H	27.6	28.8	27.9	29.1	29.4	27.5	28.8	27.9	29.1	29.4
12H	27.8	29.0	28.2	29.3	29.6	27.7	28.9	28.1	29.3	29.6
4H 2H	25.1	26.4	25.4	26.7	27.0	25.1	26.4	25.4	26.7	27.0
3H	26.9	28.1	27.3	28.4	28.7	26.9	28.0	27.2	28.4	28.7
4H	27.7	28.8	28.1	29.1	29.5	27.7	28.8	28.1	29.1	29.5
6H	28.4	29.4	28.8	29.7	30.1	28.4	29.3	28.8	29.7	30.1
8H	28.7	29.6	29.2	30.0	30.4	28.7	29.6	29.1	30.0	30.4
12H	29.0	29.8	29.5	30.3	30.7	29.0	29.8	29.4	30.2	30.7
8H 4H	28.0	28.9	28.4	29.3	29.7	28.0	28.9	28.4	29.3	29.7
6H	28.9	29.6	29.4	30.1	30.5	28.9	29.6	29.3	30.1	30.5
8H	29.3	30.0	29.8	30.4	30.9	29.3	30.0	29.8	30.4	30.9
12H	29.8	30.3	30.3	30.8	31.3	29.7	30.3	30.2	30.8	31.3
12H 4H	28.0	28.9	28.5	29.3	29.7	28.0	28.8	28.5	29.2	29.7
6H	29.0	29.7	29.5	30.1	30.6	29.0	29.6	29.5	30.1	30.6
8H	29.5	30.1	30.0	30.5	31.0	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, 1055 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = 0.2$)

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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-10W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 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	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	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

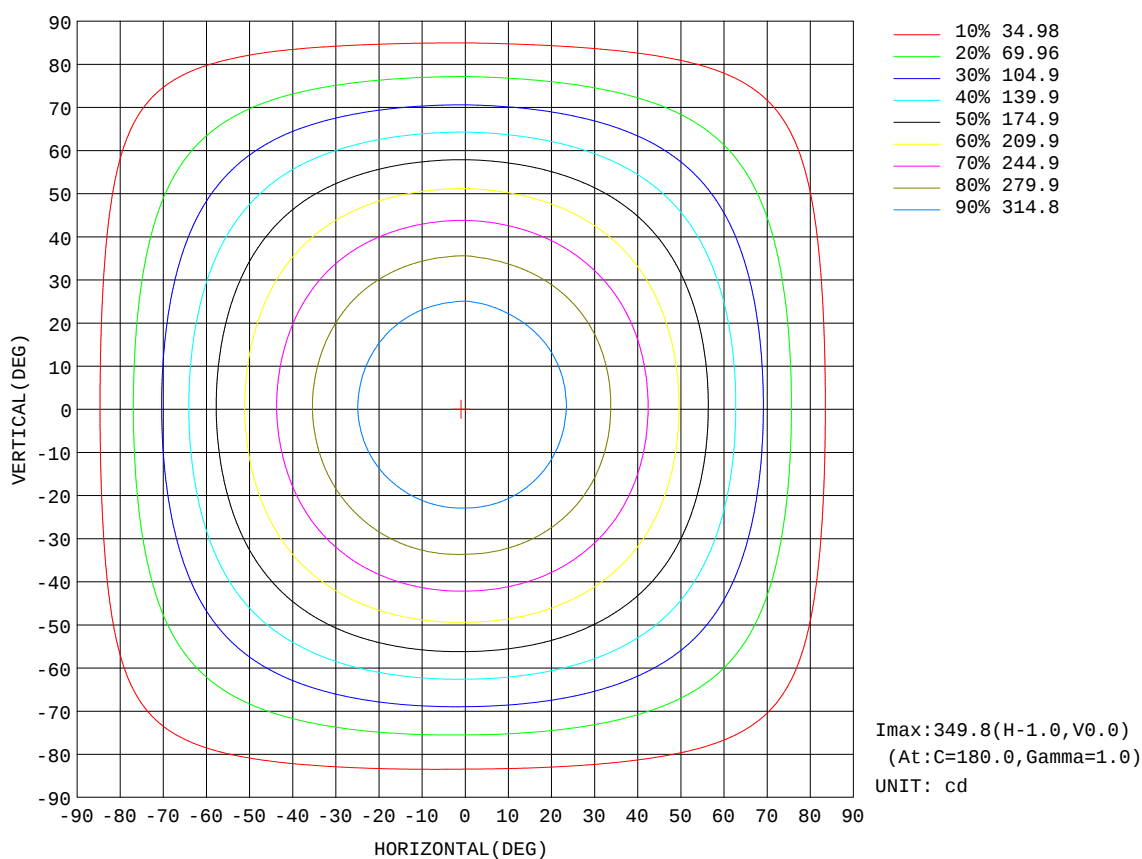
Checker: CHENXIAOFU

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:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-10W-3000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 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

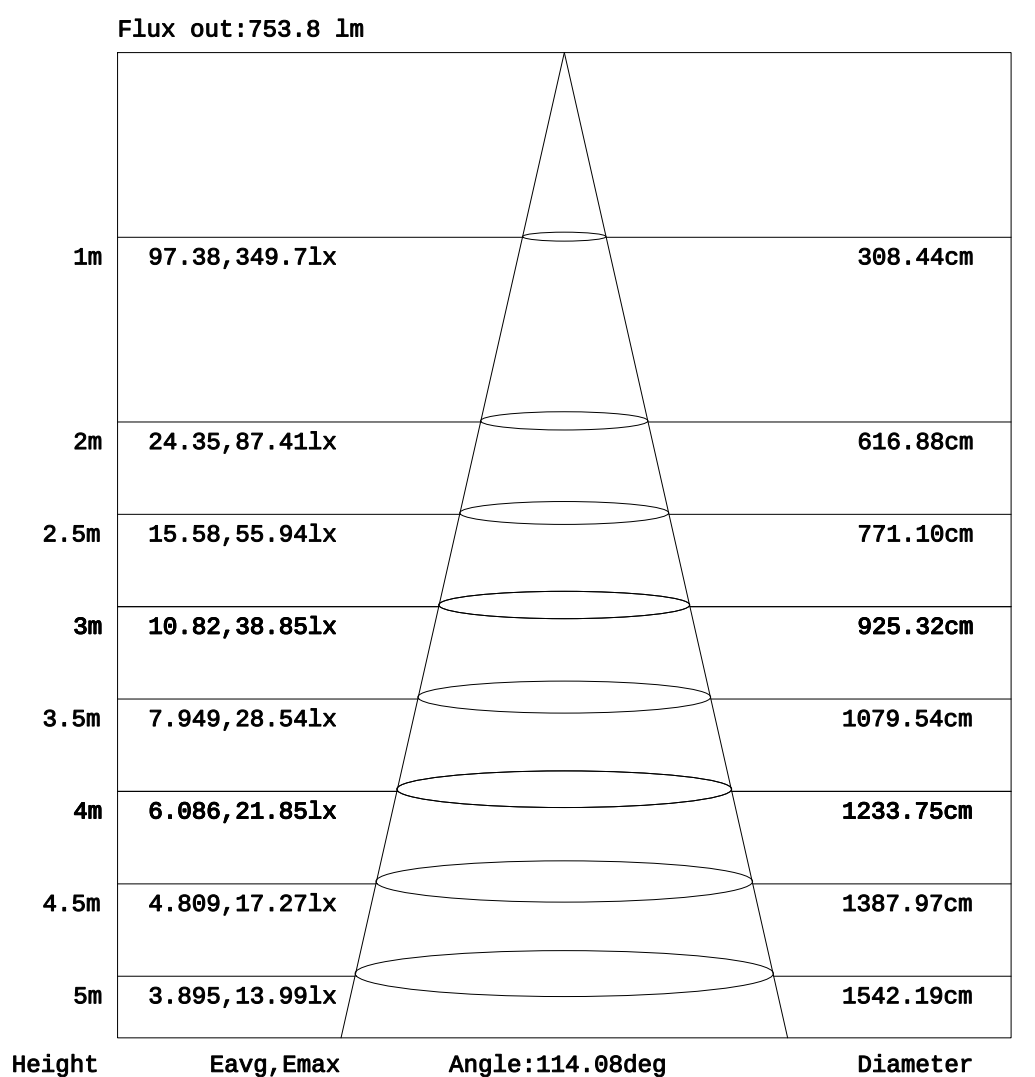
Checker: CHENXIAOFU

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

AAI Figure

Test:U:220-240V I:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-10W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 3000K 930lm	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

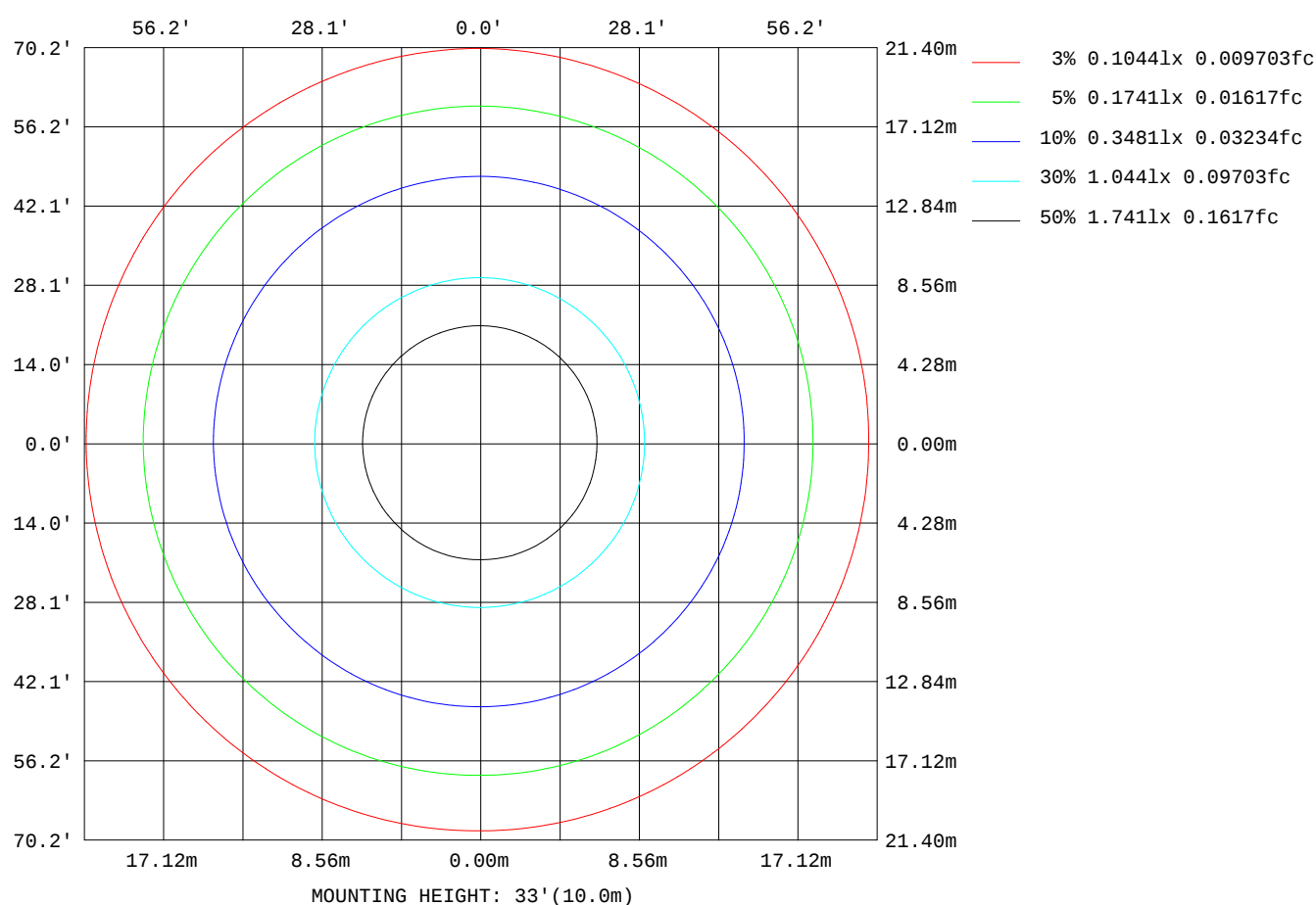
γ Range: 0 - 180DEG
γ Interval: 0.5DEG
Test System:EVERFINE G0-2000A_V1 SYSTEM V2.0.366
Humidity:56%
Test Distance:11.834m [K=1.0000]
Remarks:

Checker: CHENXIAOFU

Assessor: Ju Hongli

ISOLUX DIAGRAM

Test:U:220-240V I:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-10W-3000K	TYPE: LED	WEIGHT:
SPEC.:0028920256 10W 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

LED Avg.L Report

Test:U:220-240V I:0.05A P:10W PF:0.9 Freq:50.00Hz Lamp Flux:930x1 lm		
NAME: BHD3S-TC-10W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 3000K 930lm	DIM.:	SERIAL No.:250328001G
MFR.: LIT by CARDI	SUR.:	Shielding Angle:

AvgL	cd/m2
L_0~180(65)av	31053
L_0~180(75)av	29580
L_0~180(85)av	36378
L_90~270(65)av	31104
L_90~270(75)av	29708
L_90~270(85)av	36912
L_45(65)av	31105
L_45(75)av	29639
L_45(85)av	36715

Standard: GB/T 29293-2012

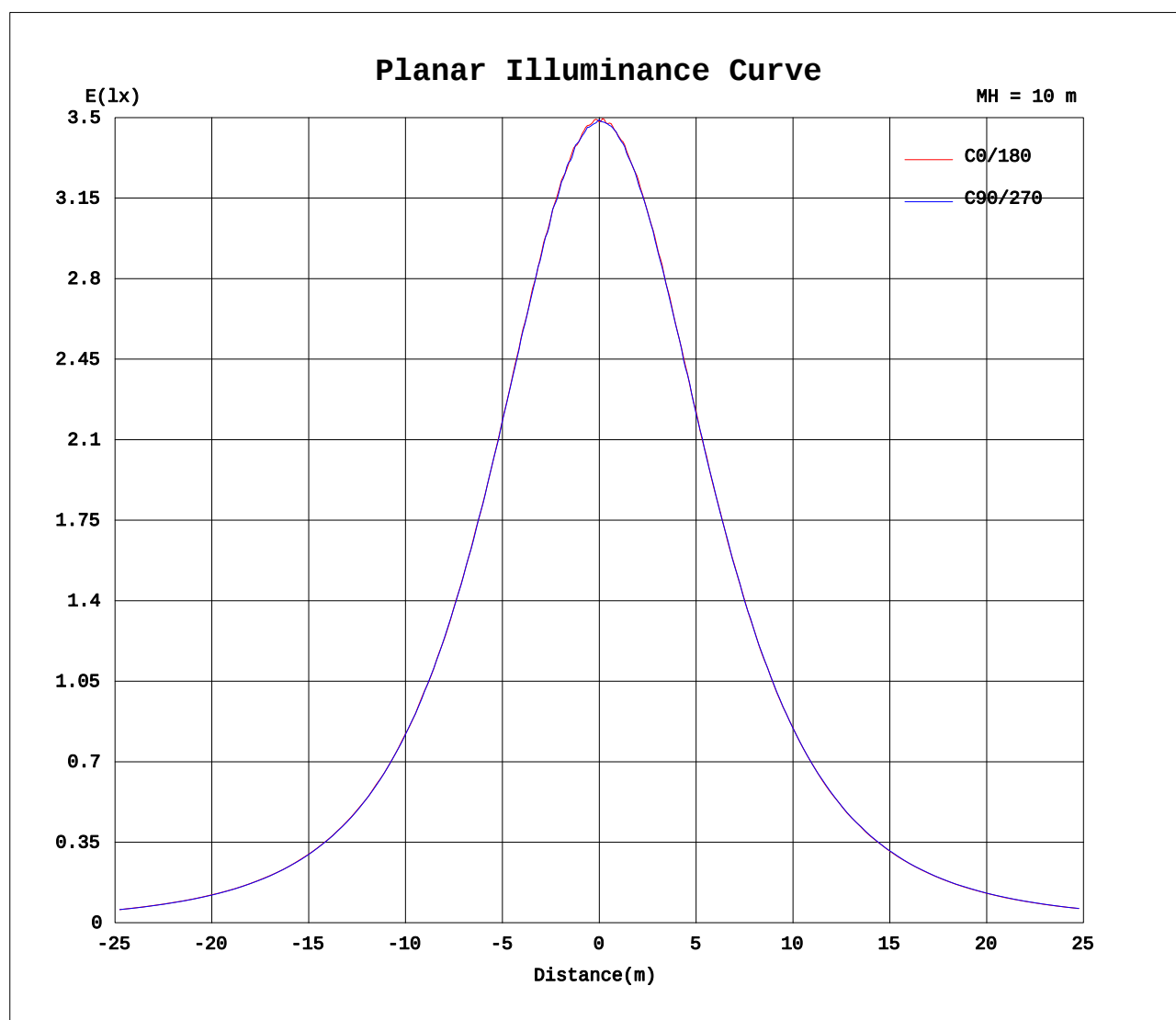
C Range: 0 - 360DEG
C Interval: 45.0DEG
Test Speed: HIGH
Temperature:25.1DEG
Operators:
Test Date:2025-03-24

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:930x1 lm		
NAME: BHD3S-TC-10W-3000K	TYPE:LED	WEIGHT:
SPEC.:0028920256 10W 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	348	350	349	348	348	350	349	348										
5	347	346	346	346	348	348	348	348										
10	341	341	341	342	343	344	344	343										
15	334	334	333	335	337	337	337	335										
20	323	323	322	325	328	327	327	325										
25	310	309	309	310	315	315	315	311										
30	293	293	293	295	299	300	299	296										
35	275	274	274	277	282	282	281	278										
40	255	254	254	257	260	262	261	258										
45	232	231	232	235	240	240	239	235										
50	207	207	207	210	215	216	216	211										
55	182	181	181	184	190	191	190	186										
60	155	154	154	158	163	164	164	159										
65	127	126	127	130	135	137	136	132										
70	99.9	98.6	99.1	103	107	109	108	104										
75	73.2	72.1	72.7	76.1	79.9	81.4	81.0	77.3										
80	49.2	48.6	48.9	51.8	54.7	56.0	55.8	52.8										
85	29.6	29.1	29.6	31.8	33.8	34.8	34.8	32.2										
90	15.3	14.9	15.3	16.4	18.0	18.6	18.8	17.0										
95	6.03	5.31	6.27	4.13	7.61	3.93	7.86	5.34										
100	1.50	0.92	0.87	0.82	1.61	0.71	0.74	0.83										
105	0.93	1.00	0.93	0.96	0.89	0.79	0.89	0.82										
110	1.07	1.17	1.10	1.13	1.03	0.93	1.07	0.96										
115	1.18	1.32	1.28	1.30	1.16	1.11	1.22	1.14										
120	1.32	1.47	1.48	1.50	1.30	1.16	1.35	1.31										
125	1.47	1.59	1.68	1.68	1.43	1.30	1.56	1.59										
130	1.61	1.74	1.80	1.75	1.58	1.45	1.74	1.61										
135	1.79	1.89	1.98	1.76	1.78	1.61	1.97	1.74										
140	1.94	2.00	2.10	1.87	1.96	1.74	2.00	1.79										
145	2.05	2.05	2.11	2.05	2.04	1.81	2.05	1.93										
150	2.12	2.16	2.12	2.17	2.09	2.04	2.12	2.08										
155	2.15	2.24	2.14	2.19	2.15	2.10	2.14	2.11										
160	2.27	2.33	2.25	2.29	2.27	2.13	2.27	2.17										
165	2.28	2.50	2.39	2.38	2.34	2.28	2.40	2.33										
170	2.41	2.69	2.47	2.50	2.48	2.40	2.64	2.45										
175	2.60	2.86	2.74	2.71	2.81	2.65	2.81	2.76										
180	3.25	3.23	3.11	3.09	3.29	3.15	3.15	3.10										

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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